Returned to City Engineer's Office
City Hall, San Diego, Cal.

400
LEVEL

F.B. 472

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Crocker Publishing

Crocker Quality

LEVEL BOOK

No. 400

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

COMMUNI CONSENSU
TRADE MARK
PRIMO

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

x-section "F" st for paving Artic To 25 ft
"F" st 75' wide Artic To Front & 80' wide from
Front E. Defects in curb & sidewalks noted

3/31/10 Duckle
Shaw
Evans.

B.M. brass Hg Indpo S.F. 6.89

B.M. 5.97 12.86

Note = 3" Plank curb from sta 1+0 to N.L. Indpo on N.L. "F"

0+0 = E.L. Artic

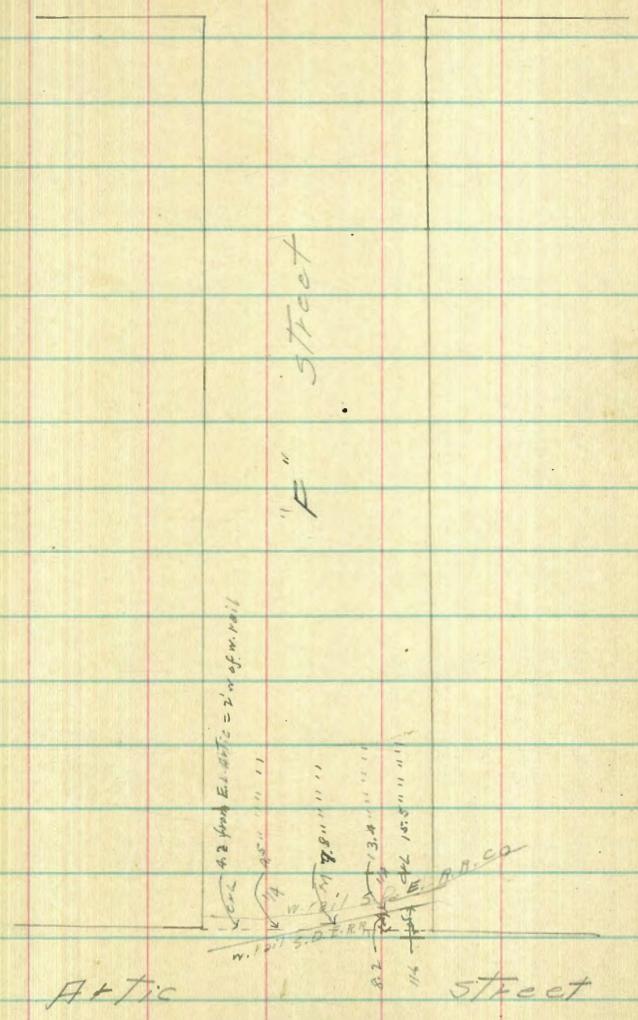
N.curb	7.4	5.5	5.5
gtr	7.1	5.8	
1/4	7.1	5.8	
+16.3 = 2' N. of E. rail	7.1	5.8	
E. rail	7.1	5.8	
℄	7.1	5.8	
+9.5 = 2' S of W. rail	7.1	5.8	
1/4	7.3	5.6	
gtr	7.5	5.4	
S. curb	7.4	5.5	5.5

2' W. of W. rail see plot P. 2

S. curb	7.3	5.6
gtr	6.9	6.0
1/4	7.0	5.9
M	6.9	6.0
1/4	7.0	5.9
gtr	7.0	5.9
N curb	7.3	5.6

12.86

	W. rail		
N. crb. line		7.1	5.8
"		7.0	5.9
"		7.0	5.9
"		7.0	5.9
S. crb. line		6.9	6.0
	2' E of E rail		
S. crb		7.2	5.7
gte		7.1	5.8
"		6.9	6.0
"		6.9	6.0
"		6.9	6.0
gte		6.9	6.0
N. crb		7.3	5.6



12.86

0+25 E. of Attic

N. crb	7.2	5.7
gte	6.9	6.0
"a	6.9	6.0
M	6.7	6.2
"a	7.1	5.8
gte	7.1	5.8
S. crb	7.2	5.9

0+50

S. crb	7.0	5.9
gte	6.8	6.1
"a	7.0	5.9
M	6.9	6.5
"a	6.8	6.1
gte	6.7	6.2
N. crb	6.9	6.0

12.86

0+75

N. crb	6.6	6.3
gte	6.7	6.2
"a	6.6	6.3
M	6.1	6.8
"a	7.0	5.9
gte	7.2	5.7
S. crb	6.9	6.0

1+0

S. crb	6.6	6.3
gte	7.2	5.7
"a	6.9	6.0
M	5.9	7.0
"a	6.6	6.3
gte	6.5	6.4
N. crb	6.4	6.5

	12.86			
	1+25			
N. crb		6.2	6.7	
gtr		6.4	6.5	
1/4		6.4	6.5	
M		5.8	7.1	
1/4		6.9	6.0	
gtr		7.1	5.8	
S. crb		6.5	6.4	
	1+50			
S. crb		6.3	6.6	
gtr		6.8	6.1	
1/4		6.6	6.3	
M		5.7	7.2	
1/4		6.2	6.7	
gtr		6.2	6.7	
N. crb		6.0	6.9	

	12.86			
	1+75			
N. crb		5.7	7.2	
gtr		6.1	6.8	
1/4		6.1	6.8	
M		5.6	7.3	
1/4		6.5	6.4	
gtr		6.6	6.3	
S. crb		6.1	6.8	
	2+0 = N.L. India at 75'			
S. crb		6.0	6.9	7.0
gtr		6.4	6.5	
1/4		6.2	6.7	
M		5.3	7.6	
1/4		5.9	7.0	
gtr		5.9	7.0	
N. crb		5.4	7.5	7.5

1.2.86

W. curb

N.L.	5.9	7.0
curb	5.9	7.0
"/9	5.7	7.2
M	5.3	7.6
"/9	6.1	6.8
curb	6.2	6.7
S.L.	6.3	6.6

W. "/9

S.	6.1	6.8
curb	6.0	6.9
"/9	5.9	7.0
M	5.3	7.6
"/9	5.7	7.2
curb	5.9	7.0
N	5.7	7.2

Center

N	5.0	7.9
curb	5.3	7.6
"/9	5.3	7.6
M	4.8	8.1
"/9	5.3	7.6
curb	5.3	7.6
S	5.3	7.6

E "/9

S	5.4	7.5
curb	5.2	7.7
"/9	5.2	7.7
M	4.6	8.3
"/9	5.0	7.9
Curb	5.1	7.8
N	4.9	8.0

12.86

E. curb

N	5.1	7.8	
curb	5.1	7.8	
"a	4.8	8.1	
M	4.6	8.3	
"a	5.2	7.7	
curb	5.3	7.6	
S	5.4		

note- 3" plank curb & sidewalk on N. side including return from 0+0 to 3+0

E. L. India = 0+0

S. curb	4.9	8.0	8.0
gtr	5.2	7.7	
"a	5.2	7.7	
M	4.4	8.5	
"a	4.7	8.2	
gtr	4.8	8.1	
N. curb	4.4	8.5	8.6

0+25

N. curb	4.0	8.9	
gtr	4.3	8.6	
"a	4.5	8.4	
M	4.0	8.9	
"a	4.7	8.2	
gtr	4.8	8.1	
S. curb	4.3	8.6	

0+50

S. curb	3.8	9.1	9.0
gtr	4.3	8.6	
"a	4.1	8.8	
M	3.5	9.4	
"a	3.9	9.0	
gtr	4.0	8.9	
N. curb	3.5	9.4	9.5

12.86

0+75

N. crk	2.9	10.0	
gte	3.7	9.2	
"	3.6	9.3	
"	3.1	9.8	
"	3.5	9.4	
gte	3.8	9.1	
S. crk	3.2	9.7	

1+0

S. crk	2.6	10.3	10.25
gte	3.2	9.7	
"	3.1	9.8	
"	2.4	10.5	
"	3.1	9.8	
gte	3.0	9.9	
N. crk	2.4	10.5	10.5

12.86

1+25

N. crk	2.0	10.9	
gte	2.9	10.0	
"	2.5	10.4	
"	2.1	10.8	
"	2.5	10.4	
gte	2.8	10.1	
S. crk	2.1	10.8	

1+50

S. crk	1.5	11.4	
gte	2.3	10.6	
"	2.0	10.9	
"	1.5	11.4	
"	2.0	10.9	
gte	2.2	10.7	
N. crk	1.4	11.5	11.5

		12.86			
		1+75			
N. crb			0.9	12.0	
gte			1.4	11.5	
"4			1.4	11.5	
M			1.0	11.9	
"4			1.5	11.4	
gte			1.6	11.3	
S. crb			1.0	11.9	
	2+0 = N.L. Columbia 75' wide				
S. crb			0.4	12.5	12.5
gte			0.9	12.0	
"4			0.8	12.1	
M			0.5	12.4	
"4			0.9	12.0	
gte			0.9	12.0	
N. crb			0.4	12.5	12.5
T.P	8.83	21.30	0.39	12.47	

		21.30		
		N. crb		
N.L.			9.2	12.1
crb			9.2	12.1
"4			8.9	12.4
M			8.5	12.8
"4			9.1	12.2
crb			9.2	12.1
S.L.			9.2	12.1
		N. "4		
S.L.			9.3	12.0
crb			9.0	12.3
"4			8.8	12.5
M			8.5	12.8
"4			8.8	12.5
crb			9.2	12.1
N.L.			9.2	12.1

21.30

Center

N.L.	8.2	13.1
Crb	8.4	12.9
1/4	8.3	13.0
M	8.0	13.3
1/4	8.1	13.2
Crb	8.4	12.9
S.L.	8.0	13.3

E 1/4

S.L.	8.0	13.3
Crb	7.9	13.4
1/4	7.7	13.6
M	7.6	13.7
1/4	7.9	13.4
Crb	8.2	13.1
N.L.	8.0	13.3

21.30

E. Curb

N.L.	7.9	13.4
Crb	8.1	13.2
1/4	7.9	13.4
M	7.5	13.8
1/4	7.7	13.6
Crb	8.0	13.3
S.L.	8.0	13.3

E.L. Columbia St

S.Crb	7.3	14.0
gtr	7.9	13.4
1/4	7.7	13.6
M	7.3	14.0
1/4	7.9	13.4
gtr	7.7	13.6
N.Crb	7.4	13.9

Note – 3 plank curb & asphalt side walk between Columbia & State. asphalt return s.E. cor Columbia street returns concrete

21.30

0+25 E of Columbia

N. crb	7.1	14.2	14.0
gte	7.7	13.6	
"4	7.5	13.8	
M	7.1	14.2	
"4	7.6	13.7	
gte	7.8	13.5	
S. crb	7.1	14.2	14.0

0+50

S. crb	6.8	14.5
gte	7.6	13.7
"4	7.5	13.8
M	7.0	14.3
"4	7.3	14.0
gte	7.4	13.9
N. crb	6.9	14.4

21.30

0+75

N. crb	6.6	14.7
gte	7.2	14.1
"4	7.1	14.2
M	6.7	
"4	7.2	
gte	7.3	
S. crb	6.6	

1+0

S. crb	6.3
gte	7.1
"4	7.1
M	6.5
"4	6.9
gte	6.8
N. crb	6.4

	1+25			
N. Crb		6.1		
gtr		6.6		
"4		6.6		
M		6.2		
"4		6.9		
gtr		6.8		
S. Crb		6.1		
	1+50			
S. Crb		5.8		
gtr		6.5		
"4		6.6		
M		5.9		
"4		6.2		
gtr		6.4		
N. Crb		5.9		

	1+75			
N. Crb		5.6		
gtr		6.0		
"4		5.9		
M		5.8		
"4		6.1		
gtr		6.2		
S. Crb		5.6		
	2+0 = W.L. State St 75' wide			
S. Crb		5.3	16.0	160
gtr		5.7		
"4		5.6		
M		5.4		
"4		5.6		
gtr		5.6		
N. Crb		5.5	16.0	160

	W. curb		
W.L.		5.6	
curb		5.7	
"4		5.9	
M		5.1	
"4		5.5	
curb		5.6	
S.L.		5.5	
	W. "4		
S.L.		5.5	
curb		5.5	
"4		5.3	
M		5.0	
"4		5.3	
curb		5.6	
W.L.		5.5	

	Center		
W.L.		4.8	
curb		4.8	
"4		4.8	
M		4.8	
"4		4.8	
curb		4.8	
S.L.		4.8	
	+ 0.5 = 2' W. of W. rail		
S.L.		4.8	
curb		4.8	
"4		4.8	
M		4.8	
"4		4.8	
curb		4.8	
W.L.		4.8	

+2.5 = W. rail

N.L.	4.7
cole	4.7
1/4	4.7
M	4.7
1/4	4.7
Cole	4.7
S.L.	4.7

+9.5 = 2' E of E. rail

S.L.	4.8
Cole	4.8
1/4	4.8
M	4.6
1/4	4.7
Cole	4.8
N.L.	4.7

E 1/4

N.L.	4.8
cole	4.8
1/4	4.9
M	4.6
1/4	4.9
cole	4.9
S.L.	4.8

E. curb

S.L.	4.7
Cole	4.9
1/4	4.9
M	4.6
1/4	5.0
cole	4.9
N.L.	4.9

Note - 3" plank curb from E.L. State to W.L. Union. on N. side no return curb
N.W. cor Union - Curb raised & in bad condition acct tree roots
on S. side at following stations 0+0 to 0+10 sta 0+35 to 55 sta 0+90 to 1+05

E.L. State St = 0+0
21,30

N. crb		4.3	17.0		
gtr		4.8			
1/4		4.7			
M		4.6			
1/4		4.8			
gtr		4.7			
S. crb		4.8	16.5		

0+25 E

S. crb		4.1			
gtr		4.5			
1/4		4.6			
M		4.4			
1/4		4.4			
gtr		4.5			
N. crb		4.0			

0+50

N. crb		3.7			
gtr		4.2			
1/4		3.9			
M		4.1			
1/4		4.2			
gtr		4.2			
S. crb		3.2			

0+75

S. crb		3.9			
gtr		3.7			
1/4		3.9			
M		3.7			
1/4		3.7			
gtr		3.7			
N. crb		3.13			

	1+0		1+50	
N. crk	2.9		N. crk	2.2
gtr	3.5		gtr	2.5
1/4	3.4		1/4	2.5
M	3.2		M	2.5
1/4	3.5		1/4	2.9
gtr	3.5		gtr	3.1
S. crk	2.6		S. crk	2.5
	1+25		1+75	
S. crk	2.7		S. crk	2.2
gtr	3.3		gtr	2.7
1/4	3.2		1/4	2.6
M	2.9		M	2.2
1/4	3.0		1/4	2.2
gtr	3.0		gtr	2.2
N. crk	2.5		N. crk	1.7

21+20

210 = W. L. Union 75' wide

W. curb	1.4	19.9	20.0
gtr.	1.9		
W/4	2.1		
M	2.1		
W/4	2.5		
gtr	2.5		
S. curb	1.8	19.5	19.5

W. curb

S. L.	2.0	19.3	
curb	2.6		
W/4	2.5		
M	1.9		
W/4	1.8		
curb	1.9		
N. L.	1.7	19.6	

W W/4

N. L.	2.0
curb	1.8
W/4	1.7
M	1.9
W/4	2.4
curb	2.5
S. L.	2.4

Center

S. L.	1.9
curb	2.3
W/4	2.3
M	1.5
W/4	1.4
curb	1.4
N. L.	1.3

21.20

E 1/4

N.L.		1.5
crb		1.6
1/4		1.5
M		1.7
1/4		2.2
Crb		2.2
S.L.		2.3
	E. Curb	
S.L.		2.1
crb		2.3
1/4		2.2
M		1.7
1/4		1.7
crb		1.5
N.L.		1.7

Note - 3" plank curb on both sides from Sta 140 to M.L. Front.
3" plank return curb S.M. Front.

E.L. Union = 0+00

N.Crb			1.3	20.0	20.0
gte			1.8		
1/4			1.7		
M			1.7		
1/4			2.2		
gte			2.3		
S.Crb			1.8	19.5	19.5
T.P.	2.86	22.32	1.84	19.46	
		0+25 E			
S.crb			3.0		
gte			3.4		
1/4			3.4		
M			2.7		
1/4			2.8		
gte			3.0		
N.Crb			2.4		

27.32			
0+50			
N. edge	2.6	19.7	19.75
gtr	3.2		
¼	2.9		
M	2.9		
¼	3.5		
gtr	3.6		
S. edge	3.1	19.2	19.25
0+75			
S. edge	3.2	19.1	19.12
gtr	3.6		
¼	3.5		
M	3.1		
¼	3.2		
gtr	3.2		
N. edge	2.7	19.6	19.62

1+0			
N. edge	2.7	19.6	19.5
gtr	3.4		
¼	3.3		
M	3.1		
¼	3.7		
gtr	3.7		
S. edge	3.3	19.0	19.0
1+25			
S. edge	3.4		
gtr	3.9		
¼	3.7		
M	3.2		
¼	3.4		
gtr	3.6		
N. edge	2.9		

22.32

1+50

N. Curb	3.1
gtr	3.6
1/4	3.5
M	3.2
1/4	3.9
gtr	3.9
S. Curb	3.5

1+75

S. Curb	3.7
gtr	4.3
1/4	3.9
M	3.2
1/4	3.6
gtr	3.8
N. Curb	3.2

2+0 = W.L. Front 80.8' wide ar s. side
80.3' " " N. 8 ft
1A' side walks.

N. Curb	3.2	19.1
gtr	3.8	
1/4	3.6	
M	3.3	
1/4	4.1	
gtr	4.1	
S. Curb	3.8	18.5

W. Curb

S.L.	4.3	18.0
Curb	4.2	
1/4	4.1	
M	3.3	
1/4	3.6	
Curb	3.7	
N.L.	3.5	

W 1/4

N.L.	3.6
Crb	3.8
1/4	3.6
M	3.4
1/4	4.1
Crb	4.2
S.L.	4.3

Center

S.L.	4.1
Crb	4.3
1/4	4.3
M	3.4
1/4	3.8
Crb	3.8
N.L.	3.5

E 1/4

N.L.	3.7
Crb	4.2
1/4	3.8
M	3.6
1/4	4.4
Crb	4.2
S.L.	4.4

E. Curb

S.L.	4.5
Crb	4.5
1/4	4.4
M	3.6
1/4	3.8
Crb	4.0
N.L.	3.7

22.32

E.L. FRONT "F" 80' wide from Front E

N. Crk	3.9	18.9	19.0
gtr	3.9		
1/4	3.8		
M	3.5		
1/4	4.4		
gtr	4.4		
S,	3.9	18.4	18.5

0+25

S	4.1
gtr	4.6
1/4	4.5
M	3.8
1/4	4.0
gtr	4.3
N	3.5

0+50

N	3.6
gtr	4.4
1/4	4.1
M	4.0
1/4	4.7
gtr	4.9
S	4.3

0+75

S	4.5
gtr	5.0
1/4	4.9
M	4.1
1/4	4.4
gtr	4.6
N. Crk	3.8

	1+0		1+50	
N. crb	3.9		N. crb	4.0
gtr	4.7		gtr	4.9
1/4	4.8		1/4	4.8
M	4.2		M	4.6
1/4	5.1		1/4	5.4
gtr	5.2		gtr	5.5
S. crb	4.6		S. crb	5.0

	1+25		1+75	
S. crb	4.8		S. crb	5.1
gtr	5.4		gtr	5.7
1/4	5.2		1/4	5.6
M	4.3		M	4.8
1/4	4.6		1/4	5.0
gtr	4.9		gtr	5.1
N. crb	4.0		N. crb	4.2 ✓

22.32

I+D = W.L. 1st St 30 wide

N. curb		4.2		
gtr		5.2		
1/4		5.1		
M		5.3		
1/4		5.7		
gtr		5.8		
S. curb		5.4		
W. curb				
S.L.		5.9		
crb		5.8		
1/4		5.7		
M		5.4		
1/4		5.3		
crb		5.3		
N.L.		5.0		
T.P.	8.14	25.08	5.38	16.94

4/1/10 Dump Shaw Evans

N 1/4

N.L.	7.4
crb	7.6
1/4	7.6
M	7.9
1/4	8.2
crb	8.3
S.L.	8.6
Center	
S.L.	8.0
crb	7.9
1/4	7.9
M	7.6
1/4	7.3
crb	7.3
N.L.	7.1

25.08

+2.5 = 2' N. of N. rail

N.L.	7.1
Crb	7.3
"4	7.3
M	7.6
"4	7.9
Crb	7.9
S.L.	8.0

+2.5 = N. rail

S.L.	8.1
Crb	8.0
"4	7.9
M	7.6
"4	7.3
Crb	7.2
N.L.	7.1

+9.5 = 2' E of E. rail

N.L.	7.1
Crb	7.3
"4	7.4
M	7.7
"4	8.0
Crb	8.1
S.L.	8.2

E "4

S.L.	8.7
Crb	8.5
"4	8.5
M	8.1
"4	7.7
Crb	7.6
N.L.	7.5

E. curb

N.L.	7.6
curb	7.7
"	7.7
M	8.4
"	8.6
Crb	8.7
S.L.	8.8

Note - No return S.E. 1st & "E"

E.L. 1st St.

S. crb	8.1
gtr	8.5
"	8.6
M	8.1
"	7.8
gtr	7.6
N. crb	7.1

0+25 E of 1st St

N. crb	6.9
gtr	7.5
"	7.5
M	7.5
"	8.3
gtr	8.4
S. crb	7.8

0+50

S. crb	7.6
gtr	8.1
"	8.1
M	7.2
"	7.6
gtr	7.3
N. crb	6.7

0+75

N. crb	6.6
gtr	7.1
"4	7.0
M	6.9
"4	8.0
gtr	8.2
S. crb	7.4

1+0

S. crb	7.1
gtr	7.8
"4	7.5
M	6.7
"4	7.1
gtr	6.9
N. crb	6.4

1+25

N. crb	6.2
gtr	6.8
"4	6.7
M	6.5
"4	7.3
gtr	7.4
S. crb	6.9

1+50

S. crb	6.6
gtr	7.3
"4	7.0
M	6.2
"4	6.5
gtr	6.5
N. crb	5.8

1+75

N. crb	5.6	19.5
gtr	6.3	
"4	6.1	
M	5.9	
"4	6.8	
gtr	6.8	
S. crb	6.4	

2+0 = W.L. 2nd St 80'

S. crb	6.2
gtr	6.7
"4	6.5
M	5.8
"4	5.9
gtr	5.9
N. crb	5.2 19.9

W. curb

N. L.	5.3
crb	5.8
"4	5.7
M	5.6
"4	6.6
crb	6.6
S. L.	6.4

W "4

S. L.	6.6
crb	6.6
"4	6.3
M	5.5
"4	5.5
crb	5.7
N. L.	5.5

Center

N.L.	5.1
crb	5.4
"a	5.3
M	5.3
"a	5.9
crb	6.0
S.L.	6.0

E "a

S.L.	6.0
crb	5.7
"a	5.7
M	5.1
"a	5.1
crb	5.1
N.L.	4.9

E. curb

N.L.	5.8
crb	5.1
"a	5.1
M	5.1
"a	5.7
crb	5.8
S.L.	5.7

Note - break in curb grade on N. side at sta 1+52 & sta 1+54.5

E.L. 2nd St 0+0

S. crb	5.6
gtr	5.7
"a	5.8
M	4.8
"a	5.1
gtr	5.7
N. crb	5.1

0+25 E of 2nd St

N. crb	4.6
gtr	5.1
"q	4.8
M	4.4
"q	5.4
gtr	5.5
S. crb	5.1

0+50

S. crb	4.7
gtr	5.0
"q	4.8
M	3.9
"q	4.4
gtr	4.6
N. crb	4.1

0+75

N. crb	3.5
gtr	4.0
"q	3.9
M	3.4
"q	4.4
crb	4.4
S. crb	4.2

1+0

S. crb	3.7
gtr	4.1
"q	3.8
M	3.0
"q	3.5
gtr	3.7
N. crb	2.9

25.08

1+25

N. crb	2.4	
gte	3.0	
"	2.9	
"	2.5	
"	3.3	
gte	3.5	
S. crb	3.2	

1+50

S. crb	2.6	
gte	2.9	
"	2.8	
"	1.9	
"	2.1	
gte	2.1	
N. crb	1.8	

no break in st grade

1+52 = break in curb on N.

N. crb	1.7	23.4

1+54.5 " " " on N.

N. crb	0.9	24.2

1+75

N. crb	0.6	24.5
gte	1.7	
"	1.5	
"	1.5	
"	2.2	
gte	2.3	
S. crb	2.1	

2+0 = W.L. 3rd st being paved

S. crb	1.7	
gte	2.0	
"	1.6	
"	1.0	
"	1.1	
gte	1.0	
N. crb	0.9	24.7

T.P.	8.14	31.53	1.69	23.39

Note - Asphalt side walk on S. side from 0+0 to sta 1+0
Concrete Curb " " " " " " "

El. 3rd St = 0+0

N. crb	6.1
gtr	6.8
½	6.6
M	6.9
½	7.0
gtr	7.5
S. crb	7.1

0+25 E of Third

S. crb	6.6
gtr	7.1
½	6.6
M	5.9
½	6.1
gtr	6.2
N. crb	5.7

0+50 E

N. crb	5.1
gtr	5.7
½	5.6
M	5.3
½	6.2
gtr	6.4
S. crb	5.9

0+75

S. crb	5.4
gtr	5.9
½	5.8
M	4.8
½	5.2
gtr	5.2
N. crb	4.6

31.53

1+0

N. crb	4.1
gtr	4.7
1/4	4.5
M	4.2
1/4	5.1
gtr	5.4
S. crb	4.7

1+25

S. crb	4.3
gtr	4.8
1/4	4.6
M	3.8
1/4	4.1
crb	4.3
N. crb	3.7

1+50

N. crb	3.2
gtr	3.7
1/4	3.6
M	3.3
1/4	4.1
gtr	4.4
S. crb	3.8

1+75

S. crb	3.3
gtr	3.7
1/4	3.5
M	2.8
1/4	3.1
gtr	3.3
N. crb	2.7

Note - "F" st Paved from W.L. 4th st to W.L. 8th st.

2+0 = W.L. 4th st

N. crb	2.1
gtr	2.5
"4	2.5
M	2.7
"4	2.9
gtr	2.9
S. crb	2.8

B.M. brass Pg 8th & "F" 43.45

B.M.	7.85	51.30

W.L. 8th st

N. crb	7.8
gtr	8.4
"4	8.5
ctr	8.5
+1.5 = 2' N of N. rail	8.5
+3.5 = " "	8.4
+8.5 = 5 "	8.4
+10.5 = 2's of S "	8.5
"4	8.8
gtr	8.8
S. crb	8.3

N. curb

S.W	8.8
S. curb	8.7
"4	8.6
+10.5 = 2's of S. rail	8.3
+12.5 = " "	8.2
+17.5 = N. "	8.2
+19.5 = 2' N of N "	8.3
center	8.3
"4	8.3
Crb	8.5
N.W.	8.1

51.30

W ¼

N.L.	8.1
Crb	8.4
¼	8.3
M	8.3
+1.5	8.3
+3.5	8.1
+8.5	8.1
+10.5	8.3
¼	8.5
Crb	8.7
S.L.	8.9

Center

S.L.	8.2
Crb	8.1
¼	8.0
+10.5	7.9
+12.5	7.8
+17.5	7.8
+19.5	7.8
M	7.8
¼	7.7
Crb	8.0
N.L.	7.6

E ¼

N.L.	7.2
Crb	7.5
¼	7.5
M	7.4
+1.5	7.4
+3.5	7.2
+8.5	7.2
+10.5	7.5
¼	7.6
Crb	7.7
S.L.	7.9

E. curb

S.L.	7.6
Crb	7.7
¼	7.6
+10.5	7.3
+12.5	7.2
+17.5	7.2
+19.5	7.3
M	7.3
¼	7.4
Crb	7.4
N.L.	6.9

Note - Curb on N. side broken & in bad condition from sta 0+40 to sta 1+0

E.L. 8th St = 0+0

N. crb	6.4
gtr	7.0
¼	7.2
M	7.0
+1.5	6.8
+3.5	6.8
+8.5	6.8
+10.5	6.8
¼	7.3
gtr	7.3
S. curb	6.8

0+25 E of 8th St

S. crb	6.3
gtr	7.0
¼	6.7
+ 10.5	6.4
+ 12.5	6.2
+ 17.5	6.2
+ 19.5	6.3
M	6.3
¼	6.2
gtr	6.6
N. crb	5.7

0+50

N. crb	5.1
gtr	6.0
¼	5.7
M	5.7
+1.5	5.7
+3.5	5.6
+8.5	5.6
+10.5	6.0
¼	6.3
gtr	6.5
S. crb	5.7

0+75

S. crb	5.2
gtr	6.0
¼	5.6
+ 10.5	5.3
+ 12.5	5.0
+ 17.5	5.0
+ 19.5	5.1
M	5.1
¼	5.2
gtr	5.4
N. crb	4.6

1+0

N. crb	3.9
gte	4.5
1/4	4.7
M	4.4
+ 1.5	4.4
+ 3.5	4.4
+ 8.5	4.4
+ 10.5	4.6
1/4	5.1
gte	5.4
S. crb	4.6

1+25

S. crb	4.1
gte	4.7
1/4	4.4
+ 10.5	4.0
+ 12.5	3.8
+ 17.5	3.8
+ 19.5	3.8
M	3.8
1/4	3.8
gte	4.3
N. crb	3.3

1+50

N. crb	2.6
gte	3.6
1/4	3.3
M	3.2
+ 1.5	3.2
+ 3.5	3.2
+ 8.5	3.2
+ 10.5	3.5
1/4	4.0
gte	4.2
S. crb	3.4

1+75

S. crb	2.9
gte	3.7
1/4	3.4
+ 10.5	2.9
+ 12.5	2.6
+ 17.5	2.6
+ 19.5	2.6
M	2.6
1/4	2.8
gte	2.9
N. crb	2.0

2+0 = W.L. 9th 80'

W. crk	1.4
gte	2.1
1/4	2.1
M	2.0
+ 1.5	2.0
+ 3.5	2.0
+ 8.5	2.0
+ +10.5	2.3
1/4	2.8
gte	2.9
S. crk	2.3

W. cork

S.L.	3.0
crk	2.6
1/4	2.4
+10.5	2.1
+12.5	1.8
+17.5	1.8
+19.5	1.8
M	1.8
1/4	1.9
crk	2.2
N.L.	1.7

W. 1/4

N.L.	1.7
crk	2.1
1/4	1.8
M	1.7
+1.5	1.7
+3.5	1.8
+8.5	1.8
+10.5	2.0
1/4	2.2
crk	2.4
S.L.	2.7

CENTER

S.L.	1.7
crk	1.6
1/4	1.5
+10.5	1.4
+12.5	1.5
+17.5	1.5
+19.5	1.4
M	1.4
1/4	1.4
crk	1.4
N.L.	0.9

51.30

E 1/4

N.L.	1.1
crb	1.2
1/4	1.2
M	1.2
+1.2	1.2
+3.2	1.3
+8.2	1.3
+10.2	1.4
1/4	1.5
crb	1.4
S.L.	1.5

E. Curb

S.L.	1.4
crb	1.5
1/4	1.4
+10.8	1.3
+12.8	1.3
+17.8	1.3
+19.8	1.2
M	1.2
1/4	1.1
crb	1.2
N.L.	1.0

Note - No curb on N. side from Sta 1+73.5 to 1+76.5 acct tree
" " " " " " " 1+98 to 1' E of N.L. 10th St

E.L. 9th = 0+0

N. crb			0.9	
gte			1.2	
1/4			1.0	
M			1.1	
+1.2			1.1	
+3.2			1.1	
+8.2			1.1	
+10.2			1.1	
1/4			1.2	
gte			1.5	
S. crb			0.8	
T.P.	6.57	57.02	0.85	50.45

0+25 E of 9th St

S. crb	6.9
gte	7.0
1/4	6.7
+11	6.6
+13	6.5
+18	6.5
+20	6.4
M	6.4
1/4	6.6
gte	6.8
N. crb	6.2

57.02

0+50

N. crb	5.9
gte	6.5
"4	6.9
M	6.2
+1	6.2
+3	6.3
+8	6.3
+10	6.5
"4	6.5
gte	6.9
S crb	6.2

0+75

S crb	6.0
	1
gte	6.6
"4	6.3
+11	6.0
+13	5.9
+18	6.0
+20	5.9
M	5.9
"4	6.2
gte	6.3
N crb	5.7

1+0

N. crb	5.3
gte	6.0
"4	5.9
M	5.7
+1	5.7
+3	5.7
+8	5.7
+10	5.8
"4	6.0
gte	6.5
S. crb	5.8

1+25

S. crb	5.6
gte	6.3
"8	5.9
+1	5.4
+13	5.4
+18	5.4
+20	5.4
M	5.4
"4	5.5
gte	5.8
N. crb	5.0

1+50

N. crb	4.7
gte	5.5
½	5.3
M	5.2
+1	5.2
+3	5.2
+8	5.2
+10	5.3
½	5.6
gte	6.2
S. crb	5.5

1+75

S. crb	5.3
gte	6.1
½	5.5
+11	5.2
+13	5.0
+18	5.0
+20	5.1
M	5.1
½	5.0
gte	5.0
N. crb	4.3

2+0 = W.L. 10th 80

N. crb	4.0
gte	4.5
½	4.6
M	4.8
+1	4.8
+3	4.8
+8	4.8
+10	5.0
½	5.2
gte	5.6
S. crb	5.1

W. curb

S.L.	5.8
crb	5.5
½	5.2
+11	4.9
+13	4.7
+18	4.7
+20	4.7
M	4.7
½	4.3
crb	4.5
N.L.	4.3

W 1/4

N.L.	4.3
crb	4.3
1/4	4.2
M	4.7
+1	4.7
+3	4.7
+8	4.7
+10	4.8
1/4	5.2
crb	5.4
S.L.	5.6

Center

S.L.	5.0
crb	4.9
1/4	4.8
+11	4.6
+13	4.6
+18	4.6
+20	4.5
M	4.5
1/4	4.0
crb	4.0
N.L.	3.7

E 1/4

N.L.	4.3
crb	4.3
1/4	4.3
M	4.6
+1	4.6
+3	4.7
+8	4.7
+10	4.9
1/4	5.1
crb	5.3
S.L.	5.7

E.curb

S.L.	5.5
crb	5.3
1/4	5.2
+11	4.9
+13	4.7
+18	4.7
+20	4.7
M	4.7
1/4	4.4
crb	4.5
N.L.	4.9

E.L. 10th St

N. curb	4.1
gtr	4.5
¼	4.3
M	4.6
+1	4.6
+3	4.7
+8	4.7
+10	4.8
¼	5.1
gtr	5.5
S. curb	5.0

0+25' E of 10th St

S. curb	4.7
gtr	5.4
¼	4.9
+11	4.5
+13	4.6
+18	4.6
+20	4.5
M	4.5
¼	4.2
gtr	4.4
N. curb	3.5

0+50

N. curb	3.5
gtr	4.2
¼	4.0
M	4.1
+1	4.1
+3	4.2
+8	4.2
+10	4.3
¼	4.8
gtr	5.0
S. curb	4.4

0+75

S. curb	4.1
gtr	4.9
¼	4.5
+11	4.1
+13	3.9
+18	3.9
+20	3.9
M	3.9
¼	3.7
gtr	3.9
N. curb	3.1

1+0

N. crk	2.9
gte	3.6
114	3.4
M	3.5
+1	3.5
+3	3.6
+8	3.6
+10	3.8
114	4.2
gte	4.5
S. crk	3.8

1+25

S. crk	3.5
gte	4.1
114	3.9
+11	3.4
+13	3.3
+18	3.3
+20	3.3
M	3.3
114	3.1
gte	3.2
N. crk	2.6

1+50

N. crk	2.2
gte	2.8
114	2.8
M	2.9
+1	2.9
+3	2.9
+8	2.9
+10	3.1
114	3.6
gte	3.9
S. crk	3.2

1+75

S. crk	2.9
gte	3.6
114	3.2
+11	2.7
+13	2.6
+18	2.5
+20	2.5
M	2.5
114	2.6
gte	2.7
N. crk	1.9

240 = W.L. 11th St 86

N. curb	1.5
gtr	2.3
1/4	2.3
M	2.2
+1	2.2
+3	2.2
+8	2.2
+10	2.4
1/4	2.8
gtr	3.2
S. curb	2.5

W. curb

S. L.	3.0
curb	3.0
1/4	2.5
+11	2.2
+13	2.0
+18	2.0
+20	1.9
M	1.9
1/4	2.0
curb	2.2
N. L.	1.9

W 1/4

N. L.	1.9
curb	2.0
1/4	1.9
M	1.8
+1	1.9
+3	1.9
+8	1.9
+10	2.0
1/4	2.6
curb	2.8
S. L.	3.1

Center

S. L.	2.4
curb	2.2
1/4	1.8
+11	1.5
+13	1.6
+18	1.6
+20	1.5
M	1.5
1/4	1.4
curb	1.5
N. L.	1.0

57.02

E 1/4

N. L.			0.9		
crb			0.9		
1/4			1.0		
M			1.1		
+1			1.1		
+3			1.2		
+8			1.2		
+10			1.2		
1/4			1.5		
crb			1.6		
S. L.			2.0		
T. P.	7.17	62.66	1.53	55.49	

E. crb

S. L.			7.9		
crb			7.4		
1/4			7.1		
+11			6.8		
+13			6.8		
+18			6.8		
+20			6.7		
M			6.7		
1/4			6.6		
crb			6.6		
N. L.			6.4		

62.66

E. L. 11th St.

N. crb			5.7		
gte			6.6		
1/4			6.5		
M			6.5		
+1			6.5		
+3			6.6		
+8			6.6		
+10			6.8		
1/4			7.1		
gte			7.7		
S. crb			7.2		

0+25 E of 11th St

S. crb			6.8		
gte			7.6		
1/4			7.1		
+11			6.5		
+13			6.3		
+18			6.3		
+20			6.2		
M			6.2		
1/4			6.4		
gte			6.2		
N. crb			5.3		

67.66

0+50

N. crk	5.0
gte	6.0
"4	6.1
M	5.8
+1	5.8
+3	5.9
+8	5.9
+10	6.2
"4	6.7
gte	7.2
S. crk	6.3

0+75

S. crk	6.0
gte	6.8
"4	6.3
+11	5.7
+13	5.5
+18	5.5
+20	5.4
M	5.4
"4	5.5
gte	5.7
N. crk	4.7

1+0

N. crk	4.4
gte	5.4
"4	5.1
M	5.1
+1	5.1
+3	5.1
+8	5.1
+10	5.4
"4	6.1
gte	6.2
S. crk	5.5

1+25

S. crk	5.1
gte	5.9
"4	5.6
+11	5.1
+13	4.7
+18	4.7
+20	4.8
M	4.8
"4	4.8
gte	5.1
N. crk	4.1

1+50

N. curb	3.7
gtr	4.8
1/4'	4.6
M	4.5
+1	4.5
+3	4.3
+8	4.3
+10	4.6
1/4	5.3
gtr	5.5
S. curb	4.6

1+75

S. curb	4.2
gtr	5.1
1/4	4.8
+11	4.3
+13	4.0
+18	4.0
+20	4.2
M	4.2
1/4	4.3
gtr	4.5
N. curb	3.5

2+0 = N.L. 12th St 80' wide

N. curb	3.2
gtr	4.0
1/4'	4.1
M	3.8
+1	3.8
+3	3.6
+8	3.6
+10	4.0
1/4	4.3
gtr	4.6
S. curb	3.7

N. curb

S.L.	4.2
curb	4.3
1/4	4.2
+11	3.8
+13	3.6
+18	3.6
+20	3.7
M	3.9
1/4	3.9
curb	3.9
N.L.	3.7

W ¼

N.L.	3.6
crk	3.7
¼	3.7
M	3.7
+1	3.7
+3	3.6
+8	3.6
+10	3.6
¼	3.7
crk	4.1
S.L.	4.3

Center

S.L.	3.7
crk	3.7
¼	3.6
+11	3.6
+13	3.6
+18	3.6
+20	3.6
M	3.6
¼	3.5
crk	3.5
N.L.	3.1

E ¼

N.L.	3.5
crk	3.7
¼	3.7
M	3.7
+1	3.6
+3	3.6
+8	36
+10	3.8
¼	4.0
crk	4.0
S.L.	4.2

E. curb

S.L.	4.2
crk	4.1
¼	4.0
+11	3.8
+13	3.6
+18	3.6
+20	3.7
M	3.7
¼	3.8
crk	3.8
N.L.	3.7

E.L. 12th St

N. crb	3.2
gtr	3.9
½	4.0
M	3.7
+1	3.7
+3	3.6
+8	3.6
+10	3.8
½	4.1
gtr	4.3
S. crb	3.7

0+25 E

S. crb	4.0
gtr	4.6
½	4.4
+11	4.0
+13	3.9
+18	3.9
+20	3.9
M	3.9
½	4.3
gtr	4.3
N. crb	3.5

0+50

N. crb	3.9
gtr	4.7
½	4.6
M	4.2
+1	4.2
+3	4.2
+8	4.2
+10	4.2
½	4.6
gtr	5.0
S. crb	4.2

0+75

S. crb	4.4
gtr	5.2
½	4.7
+11	4.5
+13	4.4
+18	4.9
+20	4.6
M	4.6
½	4.9
gtr	5.0
N. crb	4.2

1+0

N. crb	4.5
gtr	5.1
1/4	5.0
M	4.7
+1	4.7
+3	4.7
+8	4.7
+10	4.8
1/4	5.1
gtr	5.4
S. crb	4.6

1+25

S. crb	5.0
gtr	5.6
1/4	5.3
+11	5.1
+13	5.0
+18	5.0
+20	5.6
M	5.0
1/4	5.3
gtr	5.4
N. crb	4.8

1+50

N. crb	5.1
gtr	5.7
1/4	5.6
M	5.3
+1	5.3
+3	5.2
+8	5.2
+10	5.3
1/4	5.6
gtr	5.9
S. crb	5.2

1+75

S. crb	5.4
gtr	6.2
1/4	5.9
+11	5.6
+13	5.4
+18	5.4
+20	5.5
M	5.5
1/4	5.7
gtr	6.0
N. crb	5.4

2+0 = W.L. 13th

W. crk	5.7
gte	6.1
114	6.0
M	5.7
+1	5.7
+3	5.7
+8	5.7
+10	5.7
114	6.0
gte	6.5
S. crk	5.7

W. curb

S.L.	6.3
crk	6.4
114	6.0
+11	5.8
+13	5.8
+18	5.8
+20	5.8
M	5.8
119	5.9
crk	6.0
W.L.	5.9

W 119

W.L.	5.9
crk	6.0
119	5.9
M	5.8
+1	5.8
+3	5.8
+8	5.8
+10	5.9
119	6.1
crk	6.3
S.L.	6.5

Center

S.L.	6.2
crk	6.2
114	6.0
+11	5.9
+13	6.0
+18	6.0
+20	6.0
M	6.0
114	6.0
crk	6.3
W.L.	6.0

62.66

E 1/4

N.L.	6.9
crk	6.9
1/4	6.6
M	6.4
+1	6.4
+3	6.3
+8	6.3
+10	6.4
1/4	6.7
crk	6.8
S.L.	6.9

E. curb

S.L.	7.0
crk	7.0
1/4	7.0
+11	6.7
+13	6.5
+18	6.5
+20	6.6
M	6.6
1/4	6.8
crk	7.0
N.L.	6.9

E.L. 13th St

N.crk	6.7
gtr	7.3
1/4	7.3
M	6.9
+1	6.9
+3	6.8
+8	6.8
+10	7.0
1/4	7.4
gtr	7.3
S.crk	6.7

T.P. 1.26 57.22 6.70 55.96

0+25 E of 13th St

S.crk	2.2
gtr	2.9
1/4	2.9
+11	2.9
+13	2.3
+18	2.2
+20	2.3
M	2.3
1/4	2.7
gtr	2.8
N.crk	2.2

57.22

0+50

N. crb	3.0
gtr	3.8
1/4	3.5
M	3.2
+1	3.2
+3	3.1
+8	3.1
+10	3.3
1/4	3.8
gtr	3.9
S. crb	3.0

0+75

S. crb	3.9
gtr	4.6
1/4	4.6
+11	4.2
+13	4.0
+18	4.0
+20	4.1
M	4.1
1/4	4.2
gtr	4.8
N. crb	3.9

1+0

N. crb	4.8
gtr	5.6
1/4	5.3
M	5.0
+1	5.0
+3	4.9
+8	4.9
+10	5.1
1/4	5.6
gtr	5.5
S. crb	4.8

1+25

S. crb	5.7
gtr	6.3
1/4	6.3
+11	6.1
+13	5.8
+18	5.8
+20	6.0
M	6.0
1/4	6.3
gtr	6.6
N. crb	5.6

1+50

n. crb	6.5
gtr	7.4
1/4	7.4
M	7.0
+1	7.0
+3	6.7
+8	6.7
+10	7.0
1/4	7.3
gtr	7.3
s. crb	6.5

1+75

s. crb	7.4
gtr	8.1
1/4	8.1
+11	7.9
+13	7.7
+18	7.7
+20	7.9
M	7.9
1/4	8.2
gtr	8.3
n. crb	7.3

2+0 = n.L. 14 to 80' wide

n. crb	8.2
gtr	8.7
1/4	8.9
M	8.9
+1	8.4
+3	8.3
+8	3.3
+10	8.4
1/4	8.5
gtr	8.6
s. crb	8.3

W. curb

s.L.	9.0
crb	8.9
1/4	8.6
+11	8.5
+13	8.5
+18	8.5
+20	8.6
M	8.6
1/4	8.9
crb	9.0
N.L.	8.7

W. 1/4

N.L.	8.9
Crk	9.0
1/4	8.9
M	8.7
+1	8.7
+3	8.6
+8	8.6
+10	8.5
1/4	8.6
Crk	8.7
S.L.	9.0

Center

S.L.	8.7
Crk	8.6
1/4	8.4
+11	8.7
+13	8.8
+18	8.8
+20	8.7
M	8.7
1/4	9.0
Crk	9.2
N.L.	8.6

E 1/4

N.L.	9.3
Crk	9.7
1/4	9.4
M	9.1
+1	9.1
+3	9.1
+8	9.1
+10	9.0
1/4	9.0
Crk	9.2
S.L.	9.7

E. Curb

S.L.	9.8
Crk	9.4
1/4	9.0
+11	9.0
+13	9.1
+18	9.1
+20	9.1
M	9.1
1/4	9.5
Crk	9.9
N.L.	9.6

57.22

E.L.14th St

N.crk			9.2	
gte			9.8	
1/4			9.7	
M			9.3	
+1			9.3	
+3			9.3	
+5			9.3	
+10			9.3	
1/4			9.4	
gte			9.7	
S.crk			9.3	

0+25 E

S.crk			9.6	
gte			10.4	
1/4			10.2	
+1			9.7	
+13			9.7	
+18			9.7	
+20			9.6	
M			9.6	
1/4			10.0	
gte			10.2	
N.crk			9.5	
T.P.	1.93	49.25	9.90	47.32

0+48 E = Point of switch

N.crk	1.9
gte	2.8
1/4	2.6
M	1.9
+1	1.9
+3	2.0
+5	2.0
+10	2.0
1/4	2.5
gte	2.7
S.crk	1.9

0+75

S.crk	2.3
gte	2.9
1/4	2.6
+11	2.4
+13	2.4
+15	2.4
+20	2.3
M	2.3
+1 = N. rail switch	2.3
+3 = 2' N of " "	2.2
1/4	2.7
gte	3.1
N.crk	2.3

1+0

N. crb	2.6
gte	3.4
"4	3.1
+14.2 = 2N of N. rail switch	2.6
+16.2 = " " "	2.7
M	2.7
+3	2.7
+8	2.7
+10	2.7
"4	3.0
gte	3.2
S. crb	2.5

1+25

S. crb	2.9
gte	3.7
"4	3.6
+11	3.2
+13	3.0
+18	3.0
M	2.9
+8. = ~~[illegible]~~ N. rail	2.9
+10 = 2N of N. "	3.1
"4	3.5
gte	3.7
N. crb	2.8

1+50

N. crb	3.2
gte	3.8
"4	3.8
+10.6 = 2N of N. rail switch	3.5
+12.6 = " " " "	3.3
M	3.3
+3	3.3
+8	3.3
+10	3.6
"4	3.8
gte	3.9
S. crb	3.2

1+75

S. crb	3.5
gte	4.3
"4	4.0
+11	3.7
+13	3.6
+18	3.6
M	3.7
+7.8 = N. rail switch	3.6
+9.8 = 2N of N. " "	3.7
"4	4.1
gte	3.5
N. crb	3.5

2+0

N. crb	3.8
gtr	4.5
1/4	4.4
+16 = 2' N of N. rail switch	4.0
+18 = " " "	3.9
M	4.0
+3	3.9
+8	3.9
+10	4.0
1/4	4.4
gtr	4.6
S. crb	3.8

2+25

S. crb	4.1
gtr	4.8
1/4	4.5
+11	4.3
+13	4.3
+15	4.3
+20.3 = N. rail switch	4.2
M	4.3
+1.3 = 2' N of N. rail "	4.3
1/4	4.8
gtr	4.9
N. crb	4.1

2+42 = Point switch

N. crb	4.4
gtr	5.1
1/4	5.1
M	4.6
+1	4.6
+3	4.5
+8	4.5
+10	4.5
1/4	4.7
gtr	5.0
S. crb	4.3

2+75

S. crb	4.8
gtr	5.6
1/4	5.3
+11	4.9
+13	4.9
+15	4.9
+20	5.1
M	5.1
1/4	5.5
gtr	5.6
N. crb	4.9

3+0

N. crk	5.1
gte	5.7
"4	5.9
M	5.3
+1	5.3
+3	5.2
+8	5.2
+10	5.2
"4	5.5
gte	5.9
S. crk	5.1

3+25

S. crk	5.4
gte	6.2
"4	6.0
+11	5.7
+13	5.6
+18	5.6
+20	5.8
M	5.8
"4	6.1
gte	6.3
N. crk	5.5

3+50

N. crk	5.7
gte	6.5
"4	6.7
M	6.0
+1	6.0
+3	5.9
+8	5.9
+10	6.0
"4	6.3
gte	6.5
S. crk	5.7

3+75

S. crk	6.1
gte	6.8
"4	6.6
+11	6.2
+13	6.1
+18	6.1
+20	6.2
M	6.2
"4	6.7
gte	6.8
N. crk	6.0

Note - N.W - N.E. & S.E. returns of 15th & "E" not in

49.25

4+0 = W.L. 15th St 80

N. Crk			6.4	
gtr			6.8	
1/4			6.5	
M			6.2	
+1			6.2	
+3			6.2	
+8			6.2	
+10			6.4	
1/4			6.5	
gtr			7.2	
S. crk			6.5	
T.P.	8.79	51.63	6.41	42.84

W. curb

S.L.			10.2	
+2			8.7	
crk			8.7	
1/4			8.6	
+11			8.7	
+13			8.7	
+18			8.7	
+20			8.7	
M			8.7	
1/4			8.5	
crk			8.4	
N.L.			8.6	

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W 1/4

N.L.			8.4	
crk			8.5	
1/4			8.6	
M			8.9	
+1			8.9	
+3			8.7	
+8			8.7	
+10			8.8	
1/4			8.7	
crk			8.6	
+10			8.6	
S.L.			10.2	

Center

S.L.			11.9	
+4			8.8	
crk			8.8	
1/4			8.8	
+11			9.0	
+13			9.0	
+18			9.0	
+20			9.0	
M			9.0	
1/4			8.7	
crk			8.7	
+9			8.3	
N.L.			11.2	

51.63

F 1/4

N.L.	10.3
+ 4	8.4
crb	8.7
1/4	8.7
M	8.8
+1	8.8
+3	8.9
+8	8.9
+10	8.9
1/4	8.8
crb	9.6
+12	9.0
S.L.	9.6

E. CURB

S.L.	10.3
+ 6	9.1
crb	9.2
1/4	8.7
+11	8.8
+13	8.9
+18	8.9
+20	8.7
M	8.7
1/4	8.6
crb	8.8
N.L.	8.5

E.L. 15th St

N.L.	8.3
crb	8.6
gtr	9.2
1/4	9.1
M	8.6
+1	8.6
+3	8.7
+8	8.7
+10	8.6
1/4	8.6
gtr	9.1
crb	8.7
S.L.	8.6

0+25 E

S.crb	7.6
gtr	7.9
1/4	8.0
+11	7.9
+13	7.8
+15	7.8
+20	7.9
M	7.9
1/4	7.8
gtr	8.3
N.crb	7.6

0+50 E

N. crb	6.5
gtr	7.3
1/4	6.9
M	6.9
+1	6.9
+3	6.8
+5	6.8
+10	7.0
1/4	7.1
gtr	7.1
S. crb	6.5

0+75

S. crb	5.5
gtr	6.1
1/4	6.0
+11	5.9
+13	5.7
+15	5.7
+20	5.8
M	5.8
1/4	6.1
gtr	6.1
N. crb	5.6

1+0

N. crb	4.4
gtr	5.2
1/4	4.8
M	4.7
+1	4.7
+3	4.7
+8	4.6
+10	4.7
1/4	4.9
gtr	5.1
S. crb	4.4

1+25

S. crb	3.5
gtr	4.0
1/4	3.9
+11	3.8
+13	3.6
+15	3.6
+20	3.6
M	3.6
1/4	3.6
gtr	4.3
N. crb	3.5

51.63

1+50

N. curb	2.3
gte	3.0
"a	2.7
M	2.5
+1	2.5
+3	2.5
+5	2.5
+10	2.6
"a	2.7
gte	3.0
S. curb	2.3

1+75

S. curb	1.3
gte	1.8
"a	1.6
+11	1.4
+13	1.4
+18	1.4
+20	1.4
M	1.4
"a	1.6
gte	2.1
N. curb	1.2

2+0 = W.L. 16 Th 3+80

N. curb	0.2
gte	1.0
"a	0.7
M	0.4
+1	0.4
+3	0.3
+5	0.3
+10	0.6
"a	0.7
gte	0.7
S. curb	0.1

T.P.	11.18	62.44	0.37	51.26

W. curb

S.L.	11.5
curb	11.4
"a	11.2
+11	11.0
+13	11.0
+18	11.0
+20	11.0
M	11.2
"a	11.6
curb	11.6
N.L.	11.1

62.44

W ¼

N.L.	11.2
crb	11.5
¼	11.1
M	10.9
+1	10.9
+3	11.0
+8	11.0
+10	11.0
¼	11.1
crb	11.3
S.L.	11.6

Center

S.L.	10.8
crb	10.6
¼	10.5
+11	10.6
+13	10.8
+18	10.8
+20	10.6
M	10.6
¼	11.2
crb	11.1
N.L.	10.5

E ¼

N.L.	10.4
crb	10.6
¼	11.0
M	10.3
+1	10.3
+3	10.4
+8	10.4
+10	10.3
¼	10.3
crb	10.5
S.L.	10.7

E. curb

S.L.	10.6
crb	10.5
¼	10.3
+11	10.2
+13	10.3
+18	10.3
+20	10.2
M	10.2
¼	10.7
crb	10.5
N.L.	10.2

E. L. 16 #

N. Crk	10.0
gte	10.6
"4	10.1
M	9.8
+1	9.8
+3	10.0
+8	10.0
+10	9.9
"4	10.0
gte	10.4
S. Crk	10.0

0+25 E

S. Crk	8.3
gte	9.1
"4	8.8
+11	8.6
+13	8.6
+18	8.6
+20	8.6
M	8.6
"4	8.5
gte	9.2
N. Crk	8.3

0+50

N. Crk	6.6
gte	7.8
"4	6.9
M	6.9
+1	6.9
+3	6.9
+8	6.9
+10	6.9
"4	7.2
gte	7.4
S. Crk	6.6

0+75

S. Crk	5.0
gte	5.8
"4	5.5
+11	5.3
+13	5.3
+18	5.3
+20	5.2
M	5.2
"4	5.3
gte	5.8
N. Crk	5.0

62.44

1+0

N. crk	3.5
gte	3.9
"9	3.7
M	3.5
+1	3.5
+3	3.4
+8	3.4
+10	3.5
"4	3.8
gte	4.2
S. crk	3.4

1+25

S. crk	1.7
gte	2.3
"4	2.0
+11	2.0
+13	1.9
+15	1.9
+20	1.9
M	1.9
"4	1.9
gte	2.6
N. crk	1.7

T.P.	10.64	72.69	0.39	62.05

1+50

N. crk	10.2
gte	10.8
"9	10.6
M	10.3
+1	10.3
+3	10.3
+8	10.3
+10	10.4
"4	10.7
gte	11.0
S. crk	10.3

1+75

S. crk	8.6
gte	9.4
"9	8.9
+11	8.8
+13	8.7
+18	8.6
+20	8.6
M	8.6
"4	8.4
gte	9.5
N. crk	8.5

72.69

2+0 = N.L. 17th St 80'

N. curb	6.8
gtr	7.6
1/4	7.2
M	7.0
+1	7.0
+3	7.0
+8	7.0
+10	7.0
1/4	7.2
gtr	7.6
S. curb	7.0

W. curb

S.L.	6.9
curb	7.2
1/4	6.9
+11	6.7
+13	6.8
+18	6.8
+20	6.7
M	6.7
1/4	6.9
curb	7.2
N.L.	6.6

W 1/4

N.L.	6.7
curb	7.2
1/4	6.7
M	6.6
+1	6.6
+3	6.7
+8	6.7
+10	6.6
1/4	6.9
curb	7.2
S.L.	7.1

Center

S.L.	6.3
curb	6.6
1/4	6.3
+11	6.4
+13	6.4
+18	6.4
+20	6.2
M	6.2
1/4	6.6
curb	6.7
N.L.	6.2

E 114

N.L.	5.8
crb	6.4
114	6.1
M	5.9
+1	5.9
+3	6.2
+8	6.2
+10	6.0
114	6.0
crb	6.4
S.L.	6.3

E. curb

S.L.	6.2
crb	6.4
114	6.0
+11	6.0
+13	6.1
+18	6.1
+20	5.9
M	5.9
114	6.1
crb	6.3
N.L.	5.7

E.L. 17th St

N.crb	5.7
gtr	6.2
114	5.9
M	5.7
+1	5.7
+3	5.9
+8	5.9
+10	5.9
114	6.0
gtr	6.1
S.crb	5.7

0+25

S.crb	5.9
gtr	6.0
114	5.6
+11	5.5
+13	5.6
+18	5.6
+20	5.4
M	5.4
114	5.6
gtr	5.9
N.crb	5.4

0+50

N. crk	5.0
gte	5.4
1/4	5.4
M	5.0
+1	5.0
+3	5.2
+8	5.2
+10	5.2
1/4	5.3
gte	5.6
S. crk	5.0

0+75

S. crk	4.6
gte	5.2
1/4	5.0
+11	4.8
+13	4.8
+18	4.8
+20	4.7
M	4.7
1/4	4.9
gte	4.9
N. crk	4.6

1+0

N. crk	4.2
gte	4.6
1/4	4.6
M	4.3
+1	4.3
+3	4.4
+8	4.4
+10	4.4
1/4	4.6
gte	4.9
S. crk	4.2

1+25

S. crk	3.9
gte	4.7
1/4	4.3
+11	4.1
+13	4.1
+18	4.1
+20	4.0
M	4.0
1/4	4.3
gte	4.5
N. crk	3.9

1+50

N. Crb	3.5
gtr	4.3
1/4	3.8
M	3.6
+1	3.6
+3	3.7
+8	3.7
+10	3.7
1/4	3.9
gtr	4.2
S. Crb	3.5

1+75

S. Crb	3.2
gtr	4.0
1/4	3.7
+11	3.4
+13	3.3
+18	3.3
+20	3.3
M	3.3
1/4	3.4
gtr	3.8
N. Crb	3.1

2+0 = W.L. 18th 80

N. Crb	2.7
gtr	3.3
1/4	3.0
M	3.0
+1	3.0
+3	3.1
+8	3.1
+10	3.1
1/4	3.2
gtr	3.3
S. Crb	2.9

W. Curb

S. L.	3.6
Crb	3.2
1/4	3.1
+11	2.9
+13	3.0
+18	3.0
+20	2.9
M	2.9
1/4	3.1
Crb	3.5
N. L	3.0

W 1/4

N.L.	2.9
Crk	3.3
1/4	2.9
M	2.8
+1	2.8
+3	2.9
+8	2.9
+10	2.9
1/4	3.0
Crk	3.2
S.L.	3.5

Center

S.L.	2.4
Crk	2.8
1/4	2.7
+11	2.6
+13	2.7
+18	2.7
+20	2.7
M	2.7
1/4	2.6
Crk	3.1
N.L.	2.3

E 1/4

N.L.	2.1
Crk	2.6
1/4	2.5
M	3.3
+1	3.3
+3	2.5
+8	2.5
+10	2.4
1/4	2.5
Crk	2.5
S.L.	2.7

E. Curb

S.L.	2.6
Crk	2.5
1/4	2.3
+11	2.2
+13	2.4
+18	2.4
+20	2.2
M	2.2
1/4	2.5
Crk	2.6
N.L.	2.3

72.69

Note - No curb or side walk on S. side from Sta 0+95 to Sta 1+05

E. L. 18th St = 0+0

N. Crb	1.8
gtr	2.3
1/4	2.0
M	1.9
+1	1.9
+3	2.1
+8	2.1
+10	2.0
1/4	2.3
gtr	2.3
S. Crb	1.8

0+25' E

S. Crb	0.8
gtr	1.5
1/4	1.5
+11	1.2
+13	1.2
+18	1.2
+20	1.2
M	1.2
1/4	1.2
gtr	1.2
N. Crb	1.0

T.P.	9.03	81.16	0.56	72.13

0+50

N. Crb	8.5
gtr	9.0
1/4	8.9
M	8.5
+1	8.5
+3	8.6
+8	8.6
+10	8.6
1/4	9.0
gtr	9.1
S. Crb	8.5

0+75

S. Crb	7.4
gtr	8.2
1/4	7.9
+11	7.5
+13	7.6
+18	7.6
+20	7.4
M	7.5
1/4	7.5
gtr	7.9
N. Crb	7.4

1+0

N. curb	6.5
gte	7.1
℄	6.8
M	6.3
+1	6.3
+3	6.6
+8	6.6
+10	6.5
℄	6.8
No. curb S. cont. line	7.0

1+25

S. curb	5.9
gte	6.2
℄	5.7
+11	5.5
+13	5.5
+18	5.5
+20	5.9
M	5.4
℄	6.1
gte	6.1
N. L.	5.4

1+50

N. L.	4.4
gte	5.2
℄	5.3
M	4.9
+1	4.4
+3	4.6
+8	4.6
+10	4.6
℄	4.9
gte	5.1
S. curb	4.3

1+75

S. curb	3.3
gte	3.9
℄	3.7
+11	3.6
+13	3.5
+18	3.5
+20	3.3
M	3.3
℄	3.8
gte	4.5
N. curb	3.3

2+0 = N.L. 19th St 80'

N. crb	2.3
gte	3.2
1/4	3.1
M	2.4
+1	2.4
+3	2.5
+8	2.5
+10	2.6
1/4	2.8
gte	2.9
S. crb	2.4

N. curb

S.L.	2.8
crb	2.5
1/4	2.5
+11	2.2
+13	2.1
+18	2.1
+20	2.0
M	2.0
1/4	2.2
crb	2.4
N.L.	2.0

W 1/4

N.L.	2.0
crb	2.2
1/4	2.1
M	1.9
+1	1.9
+3	2.0
+8	2.0
+10	2.0
1/4	2.3
crb	2.4
S.L.	2.6

Center

S.L.	1.7
crb	1.8
1/4	1.6
+11	1.6
+13	1.7
+18	1.7
+20	1.5
M	1.5
1/4	1.6
crb	1.7
N.L.	1.6

81.16

E 1/4

N.L.	1.6
crb	1.4
1/4	1.3
M	1.1
+1	1.1
+3	1.5
+8	1.5
+10	1.1
1/4	1.1
crb	1.3
S.L.	1.4

E. curb

S.L.	1.6
crb	1.2
1/4	0.9
+11	1.1
+13	1.5
+18	1.5
+20	1.1
M	1.0
1/4	1.2
crb	1.2
N.L.	1.3

Note - 4' cement gutter on N. side sta 0+50 to sta 1+0

4/4 Dunkle
4/10 Shearer
Evans.

71

E.L. 19th st = 0+0

N. crb			1.3		
gtr			2.0		
1/4			0.8		
M			0.8		
+1			0.8		
+3			1.1		
+8			1.1		
+10			0.9		
1/4			0.6		
gtr			1.0		
S. crb			1.2		
T.P.	12.24	91.07	2.33	78.83	B.M. N.W. 19th & "E"

0+25 E of 19th

S. crb	9.0
gtr	9.7
1/4	9.5
+11	9.4
+13	9.3
+18	9.4
+20	9.2
M	9.2
1/4	9.5
gtr	9.5
N. crb	9.0

91.07

0+50

N. crb	6.8
gte	7.6
1/4	7.2
M	6.9
+1	6.9
+3	7.0
+8	7.0
+10	7.0
1/4	7.5
gte	7.5
S. crb	6.8

0+75

S. crb	4.6
gte	5.5
1/4	5.3
+11	5.0
+13	4.9
+18	4.9
+20	4.9
M	4.8
1/4	5.2
gte	5.5
N. crb	4.7

1+0

N. crb	2.5
gte	3.0
1/4	2.9
M	2.7
+1	2.7
+3	2.6
+8	2.6
+10	2.8
1/4	3.0
gte	3.1
S. crb	2.5

1+25

S. crb	0.3
gte	0.9
1/4	0.6
+11	0.6
+13	0.6
+18	0.5
+20	0.5
M	0.5
1/4	0.7
gte	0.9
N. crb	0.3

T.P	9.70	100.46	0.31	90.76

1+50

N. Curb	7.5
gte	8.1
¼	7.9
M	7.5
+1	7.5
+3	7.5
+8	7.5
+10	7.6
¼	8.0
gte	8.2
S. Curb	7.5

1+75

S. Curb	5.3
gte	5.9
¼	5.4
+1	5.3
+13	5.3
+18	5.3
+20	5.2
M	5.2
¼	5.7
gte	6.0
N. Curb	5.4

2+0 = N.L. 20th St 80' wide

N. Curb	3.1
gte	4.0
¼	3.7
M	3.1
+1	3.1
+3	3.3
+8	3.3
+10	3.4
¼	3.9
gte	4.0
S. Curb	3.1

W. Curb

S.L.	3.7
Curb	3.4
¼	3.1
+11	2.7
+13	2.8
+18	2.8
+20	2.7
M	2.7
¼	3.2
Curb	3.4
N.L.	3.4

N. 1/4

N.L.	3.2
crb	3.0
1/4	2.8
M	2.6
+1	2.6
+3	2.7
+8	2.7
+10	2.6
1/4	2.9
crb	3.2
S.L.	3.3

CENTER

S.L.	2.1
crb	2.2
1/4	2.2
+11	2.1
+13	2.2
+18	2.2
+20	2.2
M	2.2
1/4	2.2
crb	2.3
N.L.	2.3

E 1/4

N.L.	2.1
crb	1.8
1/4	1.8
M	1.8
+1	1.8
+3	2.0
+5	2.0
+10	1.8
1/4	1.7
crb	1.7
S.L.	2.0

E. curb

S.L.	2.1
crb	1.8
1/4	1.6
+11	1.7
+13	1.9
+18	1.9
+20	1.7
M	1.7
1/4	1.8
crb	1.7
N.L.	2.0

100.46

Note: 5' cemented cobble stone gutter on N. side from Sta 0+0 to Sta 1+0
3' " " " " " " " " " 1+0 to W.L. 21st St

E.L. 20th = 0+0

N. crb			1.6	
gte			1.5	
1/4			1.5	
M			1.4	
+1			1.4	
+3			1.5	
+8			1.5	
+10			1.3	
1/4			1.4	
gte			1.5	
S. crb			1.6	
T.P.	12.39	11252	0.33	100.13

0+25 E of 20th

S. crb			11.2	
gte			12.0	
1/4			12.0	
+11			11.8	
+13			11.6	
+18			11.6	
+20			11.6	
M			11.6	
1/4			11.8	
gte			12.0	
N. crb			11.4	

112.52

0+50 E

N. crb			8.9	
gte			9.5	
1/4			9.5	
M			9.0	
+1			9.0	
+3			9.0	
+8			9.0	
+10			9.2	
1/4			9.7	
gte			9.8	
S. crb			8.9	

0+75

S. crb			6.5	
gte			7.4	
1/4			7.6	
+11			6.9	
+13			6.7	
+18			6.7	
+20			6.6	
M			6.6	
1/4			7.1	
gte			7.2	
N. crb			6.5	

		112.52		
		1+0		
N. crk			4.1	
gte			4.8	
1/4			4.6	
M			4.2	
+1			4.2	
+3			4.2	
+8			4.2	
+10			4.4	
1/4			4.5	
gte			4.8	
S. crk			4.2	
		1+75		
S. crk			1.8	
gte			2.2	
1/4			2.2	
+11			1.9	
+13			1.8	
+18			1.8	
+20			1.7	
M			1.7	
1/4			2.2	
gte			1.8	
N. crk			1.8	
T.P.	9.32	121.39	0.45	112.07

		1+50	
N. crk			8.3
gte			9.2
1/4			8.7
M			8.3
+1			8.3
+3			8.4
+8			8.4
+15			8.5
1/4			8.8
gte			9.1
S. crk			8.2
		1+75	
S. crk			5.9
gte			6.6
1/4			6.4
+11			6.1
+13			6.0
+18			6.0
+20			5.9
M			5.9
1/4			6.4
gte			6.6
N. crk			5.9

121.39

2+0 = W.L. 21st 80' ~~#400~~

N. Crk	3.6
gte	3.8
1/4	4.0
M	3.6
+1	3.6
+3	3.6
+8	3.6
+10	3.8
1/4	4.3
gte	4.3
S. Crk	3.5

Continued in book 397 Page 1

47.0
36.5
10.5
2.0
12.5
5.0
17.5
2.0
19.5
1.5
21.0

26
10.5
36.5

26

cte - 26

1/4

29.5
+1.5
+3.5 = rail
+8.5 = "
+10.5 = 2' S

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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.		

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400 LEVEL

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Cocker Binding

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	30⅔	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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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