

TRANSIT BOOK,

12

F.B. 603

603

(OLD 74)

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	2½	21	49	41	95½
2	4½	22	51½	42	98
3	6½	23	53½	43	100½
4	8½	24	56	44	102½
5	11½	25	58½	45	105
6	14	26	60½	46	107½
7	16½	27	63	47	109½
8	18½	28	65½	48	112
9	21	29	67½	49	114½
10	23½	30	70	50	116½
11	25½	31	72½	51	119
12	28	32	74½	52	121½
13	30½	33	77	53	123½
14	32½	34	79½	54	126
15	35	35	81½	55	128½
16	37½	36	84	56	130½
17	39½	37	86½	57	133
18	42	38	88½	58	135½
19	44½	39	91	59	137½
20	46½	40	93½	60	140

MICROFILMED
 2001
 219.5
 11-11-70
 2054
 11-11-70
 2054
 11-11-70
 2054
 11-11-70
 2054

2001
 11-11-70
 2054
 11-11-70
 2054
 11-11-70
 2054

PUBLISHED BY

EDWARD DENNY & CO.

DRAWING PAPER & MATERIAL, MATHEMATICAL INSTRUMENTS, ETC.,
 STATIONERS AND PRINTERS,

SAN FRANCISCO, CAL.

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

380
 225
 1140
 760
 8740
 167
 8907
 5280
 3627

	W	D	E
U			
+40	266.5 ⁵	267.0	267.5
0	266.5 ⁵	267.0	267.5
+ 25	266.6	267.1	267.6
+ 50	266.8	267.3	267.8
+ 75	266.9	267.4	267.9
1	267.0	267.6	268.0
+ 25	267.1	267.6	268.1
+ 50	267.3	267.8	268.3
+ 75	267.4	267.9	268.4
2	267.5	268.0	268.5
+ 25	267.6	268.1	268.7
+ 50	267.8	268.3	268.8
+ 75	267.9	268.4	268.9
3	268.0	268.5	269.0
+ 40	268.0	268.5	269.0

South of Lunel

North of Lunel

0	268.0	268.5	269.0
+ 25	268.1	268.6	269.1
+ 50	268.3	268.8	269.3
+ 75	268.4	268.9	269.4
1	268.5	269.0	269.5
+ 25	268.6	269.1	269.6
+ 50	268.8	269.3	269.8
+ 75	268.9	269.4	269.9
2	269.0	269.5	270.0
+ 25	269.1	269.6	270.1
+ 50	269.3	269.8	270.3
+ 75	269.4	269.9	270.4
3	269.5	270.0	270.5
+ 40	269.5	270.0	270.5
0	269.5	270.0	270.5

South Redwood.

North of Redwood.

Sta	West	Center	East	
+25	-11.5	+0.5	+0.9	✓
+50	-12.9	-2.9	+0.7	✓
+75	-20.6	-1.6	+0.6	✓
1	-23.6	-2.8	+1.7	✓
+25	-20.1	-2.8	+2.1	✓
+50	-18.0	-0.4	+1.7	✓
+75	-21.4	-1.9	-0.9	✓
2	-12.7	-6.4	-1.0	✓
+25	-4.0	-2.6	0.0	✓
+50	-6.7	-1.4	+0.6	✓
+75	-8.6	-0.8	+2.3	✓
3	-11.5	-0.7	+3.2	✓ S of Redwood
+14	-8.7	+0.3	+3.2	✓
+40	-11.6	+0.3	+3.2	✓
+66	-6.5	+0.6	+2.1	✓
0	-3.8	+0.8	+2.4	✓ W of Redwood

Sta	West	Center	East	
0				✓ W of Palm
+25	-6.9	-9.4	+1.8	✓
+50	-24.1	-22.1	+2.9	✓
+75	-39.4	-27.0	+0.4	✓
1	-48.0	-28.9	-4.7	✓
+25	-43.4	-26.8	+0.4	✓
+50	-31.0	-19.6	-1.1	✓ 2081
+75	-21.4	-3.8	+2.3	✓
2	-11.2	-0.2	+2.0	✓
+25	-11.5	-0.1	+1.5	✓
+50	-15.1	-0.0	+1.8	✓
+75	-20.0	-0.5	+1.3	✓
3	-29.0	-1.7	-4.5	✓ S of Juniper
+14	-35.5	-2.8	-9.2	✓
+40	-36.7	-2.6	-6.8	✓
+66	-27.6	-1.3	-3.0	✓
0	-20.9	-4.7	+1.5	✓ W of Juniper

Sta.
36

North line of Palm
East door

Slope on the West side of 4th St - Palm & Bus's
West line of trees

Elm
Bulbs
cut

+ 15' 266.3 266.6 + 0.8

+ 25' 259.0 259.7 266.6 - 6.9

+ 30' 738.5 ✓ 242.7 266.8 - 24.1

+ 75' 1619.8 ✓ 227.5 266.9 - 39.4

+ 87' 2116.0 ✓ 220.7 266.9 - 46.2

1 2333.0 ✓ 219.0 267.0 - 48.0

+ 15' 2771.0 ✓ 220.0 267.1 - 47.1

+ 25' 2576.0 ✓ 223.7 267.1 - 43.4

+ 50' 16574.0 ✓ 236.3 267.3 - 31.0

+ 75' 10728.0 ✓ 246.0 267.4 - 21.4

~~866~~

2 883.6 ✓ 256.3 267.5 - 11.2

+ 25' 877.0 256.1 267.6 - 11.5

+ 50' 933.0 ✓ 252.7 267.8 - 15.1

+ 60' 1003. ✓ 248.3 267.8 - 19.5

$$\checkmark \frac{-41.2}{61.8} - \frac{-32.2}{30}$$

$$\checkmark \frac{-11.4}{17.1}$$

$$\frac{-54.6}{81.9}$$

$$\frac{49.6}{50}$$

$$\checkmark \frac{-61.1}{91.6} - \frac{-57.0}{60}$$

$$\frac{-51.8}{35}$$

$$\checkmark \frac{-71.7}{107.8}$$

$$\frac{-65.1}{58.0}$$

$$\frac{-64.8}{97.2}$$

$$\frac{-79.1}{118.7}$$

$$\frac{-58.7}{56}$$

$$\frac{-66.8}{100.2}$$

$$\frac{-56.0}{75}$$

$$\frac{-45.1}{50}$$

$$\frac{-67.0}{100.5}$$

$$\frac{-64.2}{93.1}$$

$$\frac{-32.1}{35}$$

$$\frac{81.0}{10}$$

$$\frac{-66.2}{99.3}$$

$$\frac{-60.0}{80}$$

$$\frac{-52.0}{65}$$

$$\frac{-44.5}{50}$$

$$\frac{-27.0}{21.0}$$

$$\frac{-83.0}{128.0}$$

$$\frac{-74.6}{110}$$

$$\frac{-62.6}{90}$$

$$\frac{-40.6}{45}$$

$$\frac{-68.6}{108.9}$$

$$\frac{-31.5}{25}$$

Sta + H₂ - Elev

X Area of West side of 4th St bet
Palm and Redwood

Kalmia St.

	W. E.	C.	F.	SA
2+50	221.3	$-\frac{32}{98}$	-2.8	6.7
+75-	222.2	$-\frac{20}{80}$	-1.8	7.7
+3	223.0		-0.4	
+14	223.0		-0.3	
+40	224.0			
+66	225.0			
0	225.0			

9.8

4.8

1.3

Juniper St.

	W	E		F	Er
+75	211.5		$\frac{-386}{50.4}$	$\frac{-311.2}{58.2}$	576.2 ✓
3	212.0		$\frac{351.7}{47}$	$\frac{-396}{59.7}$	653.7 ✓
+14	212.0		$\frac{381}{57.1}$	$\frac{26.1}{2.3}$	702.3 ✓
+40	212.5		$\frac{-28.5}{95.3}$	$\frac{-291.2}{3.6}$	519.1 ✓
+66	213.0		$\frac{-29.0}{33.0}$	$\frac{-26.8}{31.0}$	365.9 ✓
0	213.0		$\frac{-23.0}{34.5}$	$\frac{-26.5}{26.0}$	293.8 ✓
+25	213.5			$\frac{-14.7}{14.5}$	350.1 ✓
+50	214.7		$\frac{-19.5}{29.2}$	$\frac{-28.0}{16.0}$	202.9 ✓
+75	215.3		$\frac{-14.8}{22.2}$	$\frac{-16.5}{16.7}$	183.1 ✓
1	216.3		$\frac{-8.8}{13.8}$	$\frac{-11.5}{12.3}$	102.7 ✓
+25	217.2		$\frac{-7.1}{10.6}$	$\frac{-9.7}{9.7}$	66.9 ✓
+50	218.0		$\frac{-7.7}{11.7}$	$\frac{-7.4}{8.4}$	44.5 ✓
+75	218.5		$\frac{-5.8}{8.7}$	$\frac{-7.0}{7.0}$	41.0 ✓
2	219.7		$\frac{-4.3}{6.5}$	$\frac{-5.7}{5.7}$	24.8 ✓
+25	220.5			$\frac{-4.5}{4.5}$	14.6 ✓
					1812
					210.0 ✓
					178.7 ✓
					132.3 ✓
					78.5 ✓
					51.6 ✓
					39.6 ✓
					30.5 ✓

Slopes on 4th St between Dry and Kalmia

Dry St.

	N	E	S	F	Ca
3	205.0				
+14	205.0			-1.4	
+40	205.25			-3.2	9.6
+66	205.5			-3.5	12.9
0	205.5			-3.2	12.5
+25	206.0			-0.9	1.7
+50	206.6			-0.4	
+75	207.1			-0.3	
1	207.7			-0.9	.8
+25	208.2			-1.7	6
+50	208.8			-2.7	4.7
+75	209.3			-4.1	19.1
2	209.8			-6.3	53.2
+25	210.4			-10.9	76.5
+50	210.9			-17.5	576.7

$$\frac{-40.3}{60.2}$$

$$\frac{-39.0}{5.3}$$

$$\frac{-17.5}{5.3}$$

$$\frac{576.7}{5.3}$$

$$\frac{366.7}{5.3}$$

$$\frac{-92.5}{48.7}$$

$$\frac{-10.9}{48.7}$$

$$\frac{76.5}{48.7}$$

$$\frac{147.5}{48.7}$$

$$\frac{-11.8}{16.9}$$

$$\frac{-6.3}{16.9}$$

$$\frac{53.2}{16.9}$$

$$\frac{33.5}{16.9}$$

$$\frac{-6.2}{9.3}$$

$$\frac{-4.1}{9.3}$$

$$\frac{19.1}{9.3}$$

$$\frac{11.0}{9.3}$$

$$\frac{-3.8}{5.7}$$

$$\frac{-2.7}{5.7}$$

$$\frac{4.7}{5.7}$$

$$\frac{8.4}{5.7}$$

$$\frac{-2.1}{3.0}$$

$$\frac{-1.7}{3.0}$$

$$\frac{6}{3.0}$$

$$\frac{12.6}{3.0}$$

$$\frac{-1.2}{1.8}$$

$$\frac{-0.9}{1.8}$$

$$\frac{.8}{1.8}$$

$$\frac{.8}{1.8}$$

$$\frac{-1.2}{1.8}$$

$$\frac{-0.9}{1.8}$$

$$\frac{.8}{1.8}$$

$$\frac{.8}{1.8}$$

$$\frac{.52}{7.8}$$

$$\frac{-3.2}{7.8}$$

$$\frac{12.5}{7.8}$$

$$\frac{6.1}{7.8}$$

$$\frac{.41}{1.6}$$

$$\frac{-0.9}{1.6}$$

$$\frac{1.7}{1.6}$$

$$\frac{6.1}{1.6}$$

$$\frac{.40}{6.0}$$

$$\frac{-3.2}{6.0}$$

$$\frac{9.6}{6.0}$$

$$\frac{15.4}{6.0}$$

$$\frac{.49}{7.4}$$

$$\frac{-3.5}{7.4}$$

$$\frac{12.9}{7.4}$$

$$\frac{15.4}{7.4}$$

Stn + 450 - Elev

24325

West

side walk

Center

side walk

East

0 + 50	288.9	288.9	288.8	288.8	290.7	289.4
+ 25 -	4.9	4.9	4.9	4.9	5.1	5.4
	288.8	289.0	289.0	289.0	288.9	288.8
	5.0	4.8	4.8	4.8	4.9	5.0
1	288.8	289.1	289.1	289.1	289.0	288.9
	5.0	4.7	4.7	4.7	4.8	4.9
+ 25	288.8	289.1	289.1	289.1	288.9	289.4
	5.0	4.7	4.7	4.7	4.9	4.4
+ 50	288.8	288.8	288.8	288.8	288.6	288.6
	5.0	5.0	5.0	5.2	5.2	5.2
+ 75 -	289.8	288.7	288.7	288.5	288.6	288.3
	4.0	5.1	5.1	5.2	5.2	5.5
2	288.4	288.2	288.2	288.1	288.3	289.1
	5.4	5.6	5.6	5.7	5.5	4.7
+ 15	288.4	288.6	288.6	288.1	288.0	288.3
	5.4	5.2	5.2	5.1	5.1	5.5
+ 50	287.9	287.9	287.9	288.2	288.1	288.0
	5.9	5.9	5.9	5.6	5.7	5.8
+ 75	288.2	287.8	287.8	288.5	288.1	288.2
	5.6	6.0	6.0	5.3	5.7	5.6
3	289.5	289.0	289.0	287.7	288.4	288.0
	4.3	4.8	4.8	6.1	5.4	5.8
+ 25	287.3	287.4	287.4	287.6	287.8	287.8
	6.5	6.4	6.4	6.2	6.0	6.0
+ 50	287.2	287.8	287.8	287.6	287.7	288.6
	6.5	6.0	6.0	6.2	6.1	5.8

725	287.3	287.4	287.8	288.9	288.3
	6.5	6.4	6.0	4.9	5.5
4	287.3	287.4	287.7	289.1	288.0
	6.5	6.4	6.1	4.7	5.8
+ 7.6	287.7	287.3	288.8	287.7	287.7
	6.2	6.5	5.0	6.1	6.1
+ 26	287.2	287.2	287.8	287.7	287.7
	6.3	6.2	5.8	6.0	5.9
+ 46	287.2	287.2	287.8	287.7	287.7
	6.7	6.6	6.4	5.5	6.1
+ 66	287.2	287.2	287.8	287.7	287.7
	6.8	6.7	6.6	6.4	6.5
0	287.2	287.2	287.8	287.7	287.7
	6.9	6.6	6.6	6.5	6.5
4th.	287.2	287.2	287.8	287.7	287.7
	6.19	6.6	6.6	6.5	6.5

St + HD - 28847									
1	283.4	283.5	283.8	41.7	284.2	284.6	285.0	284.7	
+25	5.1	5.0	4.7	4.7	4.8	8.9	8.5	8.8	
	283.3	283.9	283.9	4.6	283.8	284.5	285.0	284.7	
	3.2	4.6	4.6	4.6	4.7	4.0	3.5	3.8	
+50	283.9	283.6	283.9	4.6	284.0	284.4	284.4	284.4	
	4.6	4.9	4.6	4.6	4.1	4.1	4.5	4.1	
+75	283.7	284.2	284.0	4.6	284.2	284.4	284.2	284.4	
	4.8	4.3	4.5	4.5	4.3	4.3	4.3	4.3	
2	283.4	283.6	283.6		284.1	284.1	284.1	284.1	
	5.1	4.9	4.9		4.4	4.4	4.4	4.4	
+25	283.9	283.9	283.9		284.2	284.2	284.2	284.2	
	4.6	4.6	4.6		4.4	4.4	4.4	4.4	
+50	284.1	283.8	283.8		284.0	284.0	284.0	284.0	
	4.4	4.7	4.7		4.5	4.5	4.5	4.5	
+75	283.6	283.4	283.4		284.1	284.1	284.1	284.1	
	4.9	5.1	5.1		4.4	4.4	4.4	4.4	
3	283.4	283.5	283.5		284.1	284.1	284.1	284.1	
	5.1	5.0	5.0		4.4	4.4	4.4	4.4	
+25	283.8	283.6	283.6		284.1	284.1	284.1	284.1	
	4.7	4.9	4.9		4.4	4.4	4.4	4.4	
+50	284.5	284.2	284.2		284.2	284.2	284.2	284.2	
	4.0	4.3	4.3		4.3	4.3	4.3	4.3	
+75	284.4	284.4	284.4		284.3	284.3	284.3	284.3	
	4.1	4.1	4.1		4.3	4.3	4.3	4.3	
4	284.7	284.5	284.5		284.3	284.4	284.4	284.4	
	3.8	4.0	4.0		4.1	4.1	4.1	4.1	

West

Side walk

Bank 10' W of center line

center

Bank along center line

side walk

East

BM # 1.75	284.32	330	245.19						
+10	285.2	285.3	285.3	285.3	284.9	284.7	284.7	284.7	
	7.7	7.6	7.6	7.6	8.0	8.0	8.0	8.0	
+30	285.2	285.1	285.1	285.1	285.1	284.9	284.9	284.9	
	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	
+50	285.1	285.1	285.1	285.1	285.4	285.4	285.4	285.4	
	7.8	7.8	7.8	7.8	7.5	7.5	7.5	7.5	
0	285.2	285.2	285.2	285.2	285.8	285.8	285.8	285.8	
	7.8	7.8	7.8	7.8	7.4	7.4	7.4	7.4	
+25	285.4	285.3	285.3	285.3	286.1	286.1	286.1	286.1	
	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
+50	285.7	285.7	285.7	285.7	286.1	286.1	285.7	285.7	
	7.2	7.2	7.2	7.2	6.8	6.8	6.8	6.8	

Chantier St

284.9

Ste	AD	Blk	West	sidewalk	Bank 10'	W of center	Center	Bank along center line	sidewalk	East
	289.52		286.3	285.9	285.8	4.9	(289.2)	285.1	284.5	284.6
+40	286.8	286.8	286.8	286.6	4.9	4.8	287.1	286.0	285.6	285.2
+66	286.8	286.9	286.7	286.7	4.6	4.7	287.4	286.4	285.5	286.4
0	2.7	2.6	2.8	2.8	4.5	4.5	287.4	286.4	285.5	286.4
# 6.60	292.66	286.06	287.2	287.7	7.5	7.3	287.1	286.1	285.9	285.9
+25	287.5	287.5	288.1	288.1	7.2	7.2	287.4	286.5	286.3	286.3
446	Admiral H Add.	287.4	287.4	287.8	7.1	7.1	287.4	286.6	286.6	286.9
+50	287.4	287.5	287.5	287.7	6.7	7.1	287.5	287.1	287.1	286.9
+75	287.6	287.6	287.8	287.8	4.9	4.8	287.9	287.9	287.6	287.5
+25	287.8	287.9	287.9	287.9	4.5	4.5	288.0	287.9	287.9	288.0
+50	287.9	287.9	287.9	287.9	4.5	4.5	288.2	288.2	288.2	288.3
+68	288.0	288.0	288.1	288.1	4.6	4.6	288.1	288.1	288.1	288.5
782	4.7	4.6	4.6	4.6	4.6	4.6	288.1	288.1	288.1	288.5

2+08	center Perry St	288.4	288.0	288.4	4.4	288.3	288.4	288.4	288.4	288.4
+32	288.4	288.4	288.5	288.5	4.1	288.6	288.6	288.6	288.7	288.7
0	Admiral Perry St	288.5	288.7	288.7	4.1	288.6	288.6	288.7	288.7	288.7
	Di on the street in	287.5	287.6	287.7	5.0	287.7	287.7	287.7	287.7	287.9
2+68	side Perry	287.4	287.5	287.5	5.0	287.7	287.7	287.7	287.7	287.9
+82	287.7	287.7	287.6	287.6	5.0	287.7	287.7	287.7	287.7	287.9
2+08	Perry St	287.6	287.7	287.7	4.7	288.2	288.2	288.2	288.2	288.3
+38	287.8	287.8	287.5	287.5	4.5	288.2	288.2	288.2	288.2	288.3
0	Admiral Perry St	288.1	288.1	288.1	4.7	288.2	288.2	288.2	288.2	288.3
+25	288.2	288.2	288.3	288.3	4.5	288.3	288.3	288.3	288.3	288.4
+50	288.2	288.2	288.3	288.3	4.4	288.3	288.3	288.3	288.3	288.4
+75	288.2	288.2	288.3	288.3	4.4	288.3	288.3	288.3	288.3	288.4
1	288.2	288.2	288.3	288.3	4.1	288.6	288.6	288.6	288.7	289.0
+25	288.4	288.4	288.5	288.5	4.8	288.8	288.8	288.8	288.8	289.0
+50	288.4	288.4	288.5	288.5	4.8	288.8	288.8	288.8	288.8	289.0
+50	288.6	288.6	288.8	288.8	4.7	289.1	289.1	289.1	289.1	289.1

St +
271.68

side walk

247.5
15.0
260.5
6.1

246.6
15.9
260.5
6.4

256.3
4.8
260.5
3.2

265.1
6.6
271.8
5.8

262.6
9.1
271.8
4.7

260.8
10.9
271.8
4.9

258.0
13.7
271.8
6.7

266.5
9
271.7
4.2

center

266.4
9.3
271.8
5.4

263.1
8.2
271.8
4.7

267.0
4.7
271.8
5.1

268.4
3.8
271.2
2.6

269.1
2.6
271.2
2.1

269.3
2.7
271.5
2.2

268.4
16

268.7
18

267.2
11

side walk

269.5
2.4
271.9
1.9

east

268.9
8.8
269.7
2.0

268.3
3.5
269.0
2.7

269.0
8.7
270.1
1.6

270.2
1.5
270.9
0.8

271.7
0.0
272.7
0.9

272.6
5.1
273.7
1.0

+14

260.8
10.9
266.5
5.2

269.3
5.4

271.9
5.8
273.7
1.8

+40

257.9
13.8
265.6
6.1

269.3
1.4

272.2
5.5
273.7
1.5

+61

261.0
10.2
266.2
5.5

269.6
2.1

271.6
6.1
272.6
1.0

+66

263.0
8.7
266.7
5.0

271.7
2.9

271.6
6.1
272.6
1.0

+8.9

266.18
6.0
265.7
4.0

269.8
1.9

271.7
6.0
272.9
1.2

0.2
+25
+50
+75

271.4
6.3
265.7
5.5

270.2
7.5

272.0
5.7
273.4
1.4

+25

272.1
6.8
266.2
5.9

270.5
7.2

273.2
4.5
273.8
0.6

+50

272.6
5.1
266.6
5.6

271.5
5.9

272.5
5.2
273.2
0.7

+75

273.1
3.9
267.0
4.7

271.5
5.9

272.4
5.3
272.7
0.3

Sta +

Elev

West

side walk

Center

side walk

East

239.57

(239.6)

(239.6)

(242.5)

(241.7)

(259.3)

(270.6)

225.8

233.1

241.7

242.7

253.2

259.7

10.5

6.5

6.1

10.9

6.1

10.9

23.13

23.64

242.7

242.7

257.1

262.2

8.3

8.2

4.8

4.8

5.2

8.4

239.6

239.6

249.5

242.7

259.3

270.6

230.5

230.5

259.3

254.4

270.6

266.0

240.4

245.4

254.4

254.4

260.5

266.0

10.1

5.1

4.9

4.9

10.1

4.6

240.4

245.4

254.4

254.4

260.5

266.0

241.5

246.5

253.6

253.6

261.9

269.1

9.0

4.0

3.7

3.7

8.7

1.5

250.5

260.5

272.6

267.9

267.1

270.1

247.1

251.8

263.3

267.9

267.1

270.1

8.7

8.7

7.3

9

8.5

8.5

260.5

260.5

272.6

267.9

267.1

270.1

259.81

259.81

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

270.1

250.0

256.1

263.3

267.9

267.1

HO

Blue

Work

sidewalk

center

sidewalk

cost

228.93

220.7

+ 87

219.0

226.1

+ 15

220.0

227.4

+ 25

223.7

225.8

11.50

236.3

238.8

+ 50

246.0

250.6

11.81

248.0

250.6

+ 75

255.5

250.6

11.90

251.1

256.2

+ 86

256.3

256.2

12.24

270.55

261.31

+ 20

256.4

266.7

+ 25

259.3

266.7

0.42

257.29

261.2

+ 50

259.3

261.2

+ 60

248.3

253.3

0.06

247.9

251.7

+ 75

249.3

249.2

2.78

239.57

235.99

+ 85

239.0

243.0

3

239.55

243.0

+ 14

238.5

237.4

+ 20

238.6

239.7

3

240.55

247.5

243.0

243.1

243.1

259.3

280.6

+ 14

238.5

237.4

245.2

245.2

259.3

280.6

+ 20

238.6

239.7

243.1

243.1

259.3

280.6

+ 20

238.6

239.7

243.1

243.1

259.3

280.6

6.45

264.40

243.0

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

259.3

280.6

238.6

239.7

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

259.3

280.6

238.6

239.7

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

259.3

280.6

238.6

239.7

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

259.3

280.6

238.6

239.7

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

259.3

280.6

238.6

239.7

243.1

243.1

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

246.6

249.2

251.4

251.4

259.3

280.6

247.5

247.5

247.5

247.5

259.3

280.6

239.0

243.0

251.4

251.4

259.3

280.6

238.5

243.0

245.2

245.2

	HD	Blor	West	side walk	Top Bank to W. of center	Bottom	Center	Bottom Bank along center line	Top	side walk	Back
1+75	271.21						(271.2)	269.0	(271.2)	270.7	
286							264.1 ✓	269.5	269.0	270.7	
2							267.8 ✓	269.3	269.5	270.5	
# 0.7D	260.10	11.81	259.40				251.6	269.3	(260.1)	270.5	
0+87							251.6	269.3	269.3	270.5	
+40							251.6	269.3	269.3	270.5	
+50							251.6	269.3	269.3	270.5	
+70							251.6	269.3	269.3	270.5	
+75							251.6	269.3	269.3	270.5	
1							251.6	269.3	269.3	270.5	
+12							251.6	269.3	269.3	270.5	
+13							251.6	269.3	269.3	270.5	
+17							251.6	269.3	269.3	270.5	

+25							248.2	256.9	256.9	
+43							251.6	257.3	257.3	
+50							251.6	257.3	257.3	
250							251.6	257.3	257.3	
# 1.87	249.44	11.93	248.17				245.2	257.3	257.3	
0+50							245.2	257.3	257.3	
+20							241.1	257.3	257.3	
+25							240.4	257.3	257.3	
+75							238.3	257.3	257.3	
+81							238.6	257.3	257.3	
1							240.8	257.3	257.3	
+25							240.8	257.3	257.3	
# 0.04	237.04	11.84	232.60				237.6	257.3	257.3	
0+75							237.6	257.3	257.3	
+87							237.6	257.3	257.3	
# 2.35	238.83	11.34	226.28				237.6	257.3	257.3	

227.5
10.1
22.94
7.2
22.5.6
120

248.2
11.9
251.6
8.5
(249.4)
245.2
4.2
241.1
8.8
240.4
9.0
238.3
11.1
238.6
10.8
240.8
8.6
(237.6)

256.9
3.8
257.3
9.8
257.3
2.9

AD -
198.01

Walt

Side Walk

Bank 10th Street
Bottom

Center

Bottom 3rd Street
Bank of America
Line of Street

side walk

East

+ 14# 3.26 204.27 11.33 198.01

188.4

(201.3) 14.5

(220.3) 207.9

(220.7) 207.9

(220.7) 206.7

(220.7) 206.7

(220.7) 204.0

(220.7) 203.0

(220.7) 209.4

(220.7) 210.2

(220.7) 210.2

+ 40 19.19

(201.3) 198.6

(220.3) 210.7

(220.7) 210.7

(220.7) 210.7

(220.7) 208.9

(220.7) 208.9

(220.7) 208.5

(220.7) 210.0

(220.7) 210.0

(220.7) 211.3

(220.7) 211.3

+ 66 196.1

(201.3) 201.3

(220.3) 212.0

(220.7) 212.0

(220.7) 211.8

(220.7) 211.6

(220.7) 211.2

(220.7) 211.2

(220.7) 210.5

(220.7) 210.5

(220.7) 211.2

(220.7) 211.2

+ 25 198.3

(201.3) 202.6

(220.3) 211.8

(220.7) 211.8

(220.7) 211.8

(220.7) 211.7

(220.7) 211.7

(220.7) 211.7

(220.7) 210.4

(220.7) 210.4

(220.7) 211.7

(220.7) 211.7

+ 50 200.8

(201.3) 203.2

(220.3) 210.4

(220.7) 210.4

(220.7) 210.4

(220.7) 215.1

(220.7) 215.1

(220.7) 215.1

(220.7) 212.0

(220.7) 212.0

(220.7) 213.5

(220.7) 213.5

+ 25 207.5

(201.3) 209.9

(220.3) 216.3

(220.7) 216.3

(220.7) 215.4

(220.7) 215.1

(220.7) 215.1

(220.7) 215.1

(220.7) 212.0

(220.7) 212.0

(220.7) 213.5

(220.7) 213.5

+ 50 209.6

(201.3) 209.9

(220.3) 216.3

(220.7) 216.3

(220.7) 215.4

(220.7) 215.1

(220.7) 215.1

(220.7) 215.1

(220.7) 212.0

(220.7) 212.0

(220.7) 213.5

(220.7) 213.5

+ 25 211.8

(201.3) 211.8

(220.3) 217.7

(220.7) 217.7

(220.7) 217.7

(220.7) 218.2

(220.7) 218.2

(220.7) 218.2

(220.7) 216.1

(220.7) 216.1

(220.7) 217.1

(220.7) 217.1

+ 50 214.0

(201.3) 213.9

(220.3) 213.9

(220.7) 213.9

(220.7) 213.9

(220.7) 214.3

(220.7) 214.3

(220.7) 214.3

(220.7) 214.8

(220.7) 214.8

(220.7) 217.1

(220.7) 217.1

+ 25 216.0

(201.3) 216.0

(220.3) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

(220.7) 216.0

+ 50 218.5

(201.3) 218.5

(220.3) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

(220.7) 218.5

+ 25 220.4

(201.3) 220.4

(220.3) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

(220.7) 220.4

+ 50 222.6

(201.3) 222.6

(220.3) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

+ 25 222.6

(201.3) 222.6

(220.3) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

(220.7) 222.6

11.35 223.60

(201.3) 223.6

(220.3) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

11.35 223.60

(201.3) 223.6

(220.3) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

(220.7) 223.6

Grunt Street

HD - Elv

West

Walk

10' West of
St Center

Center

Bottom
Bank of St -
Crest of St -

Walk

Crest

0.20	211.0	204.7	205.5	207.0	206.0	205.9	205.9	206.0	207.7	209.0	211.5
		6.5	5.9	6.8	4.2	4.0	5.3	5.2	3.5	4.2	4.2
		208.6	205.0	204.8	208.5	207.2	206.9	206.0	208.7	209.0	211.5
		7.6	6.2	6.4	4.3	4.0	4.3	5.2	2.5	4.2	4.2
		208.1	204.8	204.5	208.5	207.2	206.9	206.0	208.7	209.0	211.5
		9.1	6.4	6.7	4.3	4.0	4.3	5.2	2.5	4.2	4.2
		208.0	204.5	207.2	208.5	207.2	206.9	206.0	208.7	209.0	211.5
		9.2	6.7	4.0	4.3	4.0	4.3	5.2	2.5	4.2	4.2
		202.3	205.0	207.0	208.5	206.0	205.9	206.0	207.7	209.0	211.5
		8.9	6.8	4.2	4.3	5.2	4.3	5.2	3.5	4.2	4.2
		205.1	206.9	208.5	208.5	206.6	206.6	206.6	208.7	209.0	211.5
		6.1	4.3	2.7	4.3	4.6	4.6	5.2	2.5	4.2	4.2
		206.2	208.7	208.8	208.8	207.1	207.1	207.1	208.8	209.0	211.5
		5.0	2.5	2.4	4.1	4.1	4.1	4.1	2.4	4.1	4.1
		206.8	209.2	209.7	209.7	207.6	207.6	207.6	208.8	209.0	211.5
		4.3	2.0	1.5	3.6	3.6	3.6	3.6	2.4	4.1	4.1

2	204.5	208.5	209.1	209.8	209.8	210.2	209.8	209.6	209.6	209.6	210.2	218.7
	5.7	4.1	4.1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	4.4
	204.5	208.5	209.1	209.8	209.8	210.2	209.8	209.6	209.6	209.6	210.2	218.7
	5.7	4.1	4.1	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	4.4
	199.5	202.7	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	210.2	215.0
	9.7	6.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	5.7
	199.5	202.7	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	210.2	215.0
	9.7	6.5	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	5.7
	198.4	198.7	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	214.5
	7.9	10.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	9.2
	198.4	198.7	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	208.1	214.5
	7.9	10.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	9.2
	191.7	198.8	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	211.8
	9.6	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	8.9
	191.7	198.8	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	210.2	211.8
	9.6	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	8.9
	190.1	197.2	208.4	208.4	208.4	208.4	208.4	208.4	208.4	208.4	208.4	210.9
	11.2	12.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	9.8
	190.1	197.2	208.4	208.4	208.4	208.4	208.4	208.4	208.4	208.4	208.4	210.9
	11.2	12.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	9.8

3 # 0.44 209.24 11.91 205.80

Rd. 4th and 5th St 212.29 212.31

126
75

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

Published by Edward Denny & Co., Stationers, Drawing Materials,
Mathematical Instruments, Etc., San Francisco.