

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

400

LEVEL

**F.B. 465**

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

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

**MICROFILMED**  
TABLE FOR RUNNING ON SLOPES.

DEC 10 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



**LEVEL BOOK**

No. 400



MANUFACTURED BY

*A.S. Crocker Co.*

SAN FRANCISCO  
and  
SACRAMENTO



POSTED

2

1



section Redwood 305 T 32nd 5+ 5  
 " " 60 Wide 109  
 B.M. Can 7700 cor 30<sup>th</sup> & Thorne 320.9A  
 Dink  
 Sharn  
 Sigel

B.M. 170 322.14  
 T.P. 0.60 310.10 12.64 309.50

E.L. 30<sup>th</sup> 5+

N 7.9 302.12  
 wh 8.2 301.9  
 " 8.0 302.1  
 M 8.1 302.0 x  
 " 8.2 301.9  
 wh 8.2 301.9  
 S 7.8 302.3  
 T.P. 0.28 298.09 12.29 297.81  
 0+25 E  
 S 9.1 289.0  
 wh 11.1 287.0  
 " 10.4 287.7  
 M 10.4 287.7 x  
 " 9.6 288.5  
 wh 12.3 285.8  
 N 10.4 287.7

POSTED

298.09 POSTED

2

See Book 865 Page 55

0+50 E.

wh 23.1 275.0  
 wh 22.3 275.8  
 " 22.8 275.3  
 N 23.0 275.1 x  
 " 23.3 274.8  
 wh 23.4 274.2  
 S 23.3 274.8  
 0+75  
 S 25.2 272.9  
 wh 25.1 273.0  
 " 26.1 272.0  
 M 24.2 273.9 x  
 " 22.3 275.8  
 wh 19.9 278.2  
 N 15.8 282.3



298.09

140

N		0.5	297.3
erb		4.0	299.1
"4		6.9	291.2
M		10.1	288.0 x
"4		13.7	289.4
erb		17.2	280.3
S		21.5	276.8
<del>1425</del>			
S		15.0	283.1
erb		10.5	287.8
"4		4.1	294.0
T.P.	11.39	308.78	0.70 297.39
M		10.1	298.7 x
"4		7.3	301.5
erb		4.2	304.6
N		1.6	307.2
T.P.	7.92	316.33	0.37 308.41

316.33

1450

3

N		7.5	308.8
erb		8.6	307.7
"4		10.9	305.4
M		13.9	302.4 x
"4		18.8	297.5
erb		24.5	291.8
S		29.1	287.2
<del>1775</del>			
S		21.9	294.4
erb		17.8	298.5
"4		13.7	302.6
M		11.2	305.1 x
"4		8.8	307.5
erb		7.4	308.9
N		6.4	309.9



316.33

2720

N	5.9	310.9
erb	5.9	310.4
"4	6.7	309.6
M	8.2	308.1 x
"4	11.3	305.0
erb	13.7	303.1
S	15.5	300.8
2725		
S	11.8	304.5
erb	9.7	306.6
"4	7.7	308.6
M	6.5	309.8 x
"4	5.9	310.4
erb	5.2	311.1
N	4.7	311.6

316.33

2727 = N.L. Grimm Arc 65' wide

4

N	4.4	311.9
erb	4.9	311.4
"4	5.6	310.7
M	6.1	310.2 x
"4	6.9	309.4
erb	8.1	308.2
S	9.4	306.9
N 2726		
S	9.0	307.3
erb	7.9	308.5
"4	6.8	309.5
M	6.3	310.0 x
"4	5.5	310.8
erb	4.8	311.5
N	4.2	312.1



316.33

W "4

N	4.1	312.2
erb	4.8	311.5
"4	5.4	310.9
M	6.1	310.2 x
"4	6.9	309.4
erb	7.8	308.5
S	9.1	307.2

center

S	8.7	307.6
erb	7.7	308.6
"4	6.9	309.4
M	6.0	310.3 x
"4	5.0	311.3
erb	4.6	311.7
N	4.1	312.2

316.33

E "4

5

N	3.9	312.4
erb	4.6	311.7
"4	4.8	311.5
M	5.7	310.6 x
"4	6.5	309.8
erb	7.6	308.7
S	8.5	307.8

E. center

S	8.1	308.2
erb	7.1	309.2
"4	6.2	310.1
M	5.5	310.8 x
"4	4.7	311.6
erb	4.1	312.2
N	3.7	312.6



31633

E.L. GRIMM A.Y.C.

N	3.2	313.1
wh	3.9	312.4
"A	4.5	311.8
M	5.4	310.9 x
"A	6.0	310.3
wh	6.7	309.6
S	7.6	308.7

0+25 E

S	6.4	309.9		
wh	5.5	310.8		
"A	4.9	311.4		
M	4.1	312.2 x		
"A	3.5	312.8		
wh	3.1	313.2		
N	2.8	313.5		
T.P	4.20	318.13	2.140	313.73

31713

0+50 E

6

N	4.0	314.1
wh	4.4	313.7
"A	4.7	313.4
M	5.3	312.8 x
"A	5.9	312.2
wh	6.7	311.4
S	7.4	311.7

0+75

S	6.6	311.5
wh	5.8	312.3
"A	5.0	313.1
M	4.7	313.4 x
"A	4.2	313.9
wh	3.6	314.5
N	3.2	314.9



318.13

1+0

N	3.3	314.8
erb	3.7	314.4
"A	4.0	314.1
M	4.5	313.6 x
"A	5.1	313.0
erb	5.7	312.4
S	6.3	311.8

1+25

S	6.2	311.9
erb	5.6	312.5
"A	5.0	313.1
M	4.6	313.5 x
"A	4.1	314.0
erb	3.8	314.3
N	3.6	314.5

7

1+50

N	318.13	4.3	313.8
erb		4.6	313.5
"A		4.8	313.3
M		5.0	313.1
"A		5.4	312.7
erb		5.8	312.3
S		6.2	311.9

1+75

S		7.2	310.9
erb		7.2	310.9
"A		6.9	311.2
M		6.9	311.2
"A		6.6	311.5
erb		6.6	311.5
N		6.6	311.5



318.13

-20	2+0	9.4	
N		9.5	308.6
erb		9.4	308.7
"		9.3	308.8
M		9.3	308.8
"		9.4	308.7
erb		9.4	308.7
S		9.4	308.7
+20		9.4	
-20	2+25	11.3	
S		11.5	306.6
erb		11.5	306.6
"		11.9	306.2
M		12.2	305.9
"		12.4	305.7
erb		12.4	305.7
N		12.7	305.4
+20		13.5	
T.P.	0.31	305.73	12.71 305.42

305.73

8

-30	2+50	13.4	
N		5.9	299.8
erb		5.4	299.3
"		5.1	300.6
M		4.6	301.1
"		4.7	301.0
erb		4.3	301.4
S		4.1	301.6
+20		3.7	
-20	2+65 = W.L. 31 <sup>st</sup> 57' 65' wide	9.3	296.4
S		9.5	296.2
erb		10.7	295.0
"		12.0	193.7
M		12.8	292.9
"		13.3	192.4
erb		12.2	192.5
N		12.1	293.6
+30		23.5	282.2
T.P.	0.22	293.34	12.61 293.12



293.34

W. Corb

-30		17.3	276.0
N		5.1	288.2
Corb		6.0	287.3
"A		6.2	287.1
M		6.9	286.4
"A		6.1	287.2
Corb		5.2	288.1
S		3.1	290.2
+30		0.5	292.8
	W "A		
-30		3.5	289.8
S		10.5	282.8
Corb		11.6	282.7
"A		12.3	281.0
M		12.1	281.2
"A		12.2	281.1
Corb		12.7	280.6
N		11.7	281.6
+40		20.9	72.4
T. P.	1.33	281.83	12.84 280.50

291.83

Center

9

-50		6.9	274.9
-30		10.8	271.0
N		5.5	276.3
281.83			
Corb		4.8	277.0
"A		5.4	276.4
M		5.2	276.6
"A		4.4	277.4
Corb		4.1	277.7
S		4.1	277.7
+30		0.3	281.5
	E "A		
-40		5.1	276.7
S		12.3	269.5
Corb		12.3	269.5
"A		12.2	269.6
M		11.7	270.1
"A		11.2	270.6
Corb		9.7	272.1
N		9.4	272.4
+30		10.1	271.7
+50		4.3	277.5



281.93

E. CULK

-20	11.8	270.0
-40	3.7	278.1
N	11.0	270.8
erb	12.2	269.6
"4	12.5	269.3
M	14.1	267.7
"4	13.0	268.8
erb	13.2	268.6
S	13.5	268.0
+20	15.8	266.0
+40	16.5	275.3
-40	10.9	270.9
-50	15.3	266.5
S	13.6	268.2
erb	12.8	269.0
"4	11.8	270.0
M	11.2	270.6
"4	10.7	271.1
erb	10.3	271.5
N	9.8	272.0
+30	4.8	277.0
T.P.	12.27	292.77
	1.33	280.50

E.L. 31<sup>2</sup>

292.77

0+25' E

10

-30	6.3	286.4
A	9.1	283.7
erb	9.3	283.5
"4	8.5	284.3
M	9.1	283.7
"4	10.9	281.9
erb	15.2	277.6
S	19.8	273.0
+50	26.3	266.4
-50	27.4	265.3
S	13.0	279.8
erb	8.3	289.5
"4	3.9	288.9
M	0.3	292.5 x
T.P.	12.53	305.01
"4	0.29	292.48
"4	9.5	295.5
erb	8.2	296.8
N	8.0	297.0
+20	6.5	298.5

0+50



305.01

0+75

N		2.1	302.9
erb		3.2	301.8
"4		4.2	300.8
M		5.9	299.1
"4		8.3	296.7
erb		10.5	294.5
S		16.3	288.7
+AD		27.8	277.2
	1+0		
-20		10.8	294.2
S		7.1	297.9
erb		5.5	299.5
"4		3.7	301.1
M		2.7	302.3
"4		1.3	303.7
erb		0.3	304.7
T.P	4.24	309.22	0.03 304.98
N		4.0	305.2

309.22

1+25

11

N		3.4	305.8
erb		3.9	305.3
"4		4.4	304.8
M		5.1	304.1
"4		6.1	303.1
erb		7.0	302.2
S		8.3	300.9
	1+50		
S		7.3	301.9
erb		6.4	302.8
"4		5.5	303.7
M		4.7	304.5
"4		4.0	305.2
erb		3.6	305.6
N		3.3	305.9



309.12

1775

N	3.3	305.9
erb	3.7	305.5
"A	4.2	305.0
N	4.7	304.5
"A	5.4	303.8
erb	6.1	303.1
S	6.8	302.4

2+0

S	7.0	302.2
erb	6.4	302.8
"A	5.8	303.4
N	5.1	304.1
"A	4.5	304.7
erb	4.1	305.1
N	3.7	305.5

12

2+25

N	309.22	4.3	304.9
erb		4.8	304.4
"A		5.4	303.8
N		6.0	303.2
"A		6.5	302.7
erb		7.1	302.1
S		7.4	301.8

2+65 = N.L. Herman 5' 65" wide

S		9.3	299.9
erb		8.6	300.6
"A		8.3	300.9
N		7.7	301.5
"A		6.6	302.6
erb		6.0	303.2
N		6.0	303.2



309.22

W. cork

N	6.7	302.5
erb	7.1	302.1
"A	7.9	301.3
M	8.4	300.8
"A	8.9	300.4
erb	9.5	299.7
S	9.8	299.4

W "A

S	10.2	299.0
erb	9.7	299.5
"A	9.0	300.2
M	8.7	300.5
"A	8.5	300.7
erb	7.8	301.4
N	7.4	301.8

13

center

N	8.4	300.8
erb	8.8	300.4
"A	9.4	299.8
M	9.7	299.5
"A	10.0	299.2
erb	10.3	298.9
S	10.7	298.5

E "A

S	11.2	298.0
erb	10.8	298.4
"A	10.5	298.7
M	10.2	299.0
"A	10.0	299.2
erb	9.6	299.6
N	9.1	300.1



309.22

E. Curly

N	10.0	299.2
erb	10.1	299.1
"A	10.5	298.7
M	10.8	298.4
"A	11.2	298.0
erb	11.5	297.7
S	11.9	297.3

E. L. Herman 5+

S	12.6	296.6
erb	12.1	297.1
"A	11.8	297.4
M	11.9	297.8
"A	11.1	298.1
erb	12.8	298.4
N	10.6	298.6
T.P.	120	297.87
	12.55	296.67

297.87

0+25' E

14

N	297.87	1.2	296.7
erb		1.5	296.9
"A		1.9	296.0
M		2.2	295.7
"A		2.4	295.5
erb		2.5	295.4
S		2.6	295.3

0+50

S		3.9	294.0
erb		4.1	293.8
"A		4.2	293.7
M		4.2	293.7
"A		4.1	293.8
erb		3.9	294.0
N		3.6	294.3



297.87

0+75

N	7.7	290.2
Wh	8.4	289.5
"A	8.2	289.7
M	7.8	290.1
"A	8.3	289.6
Wh	8.0	289.9
S	7.8	290.1

1+0

S	15.9	282.0
Wh	16.0	281.9
"A	16.5	281.4
M	16.4	281.5
"A	16.3	281.6
Wh	16.1	281.8
N	16.1	281.8
T.P.	11.4	286.44
	12.37	285.50

15

mm

1+10

N	286.64	4.7	281.9
Wh		4.9	281.8
"A		5.0	281.6
M		5.0	281.6
"A		5.1	281.5
Wh		5.4	281.2
S		5.6	281.0

1+20

S		10.6	276.0	
Wh		12.7	273.9	
"A		14.3	272.3	
M		15.7	270.9	
"A		15.7	270.9	
Wh		15.9	270.7	
N		15.5	271.1	
T.P.	2.12	275.79	12.97	273.67



275.79

1+50

N	11.5	264.3
erb	11.7	264.1
"4	12.1	263.7
M	12.5	263.3
"4	12.7	263.1
erb	12.7	263.1
S	12.1	263.7

1+75

S	14.7	261.1
erb	14.5	261.3
"4	15.2	260.6
M	15.1	260.7
"4	15.5	260.3
erb	14.3	261.5
N	14.0	261.8

16

2+0

N	275.79	6.9	264.9
erb		5.5	270.3
"4		6.9	268.9
M		9.0	266.8
"4		11.0	264.8
erb		12.5	263.3
S		13.2	262.6

2+25

S		8.0	267.8	
erb		6.0	269.8	
"4		3.6	272.2	
T.P.	12.81	287.42	4.78	274.61
M		12.2	275.2	
"4		9.1	278.3	
erb		8.2	279.2	
N		9.0	278.4	



287.02

2450

N		0.5	286.9	
erb		1.1	286.3	
1/4		2.7	284.7	
M		4.2	283.2	
1/4	POSTED	6.0	281.4	
erb		7.3	280.1	
S		9.4	278.0	
T.P	2.58	283.95	2.05	285.27
		2465 = W.L.	37 <sup>29</sup>	5+
S		8.6	285.4	
erb		6.9	287.6	
1/4		4.1	288.9	
M		2.8	291.2	
1/4		2.3	291.7	
erb		2.4	291.6	
N		2.73	291.3	

406.11.0.25

0.800.000



1-section Brookers Park Boulevard Dunstable  
 to Richmond " 80' wide 57' above  
 B.M. 27.28 5.5. cor. Park Blvd. 302.55 / 09 Dugel

305.39  
 0+50

B.M.	2.84	305.39
	W. Park Boulevard	
N	9.0	296.4
cut	9.5	295.9
"	9.0	296.4
M	8.4	297.0
"	9.0	296.4
cut	9.1	296.3
S	9.5	295.9
	0+25	W
S	10.1	295.3
cut	9.9	295.5
"	9.5	295.9
M	9.5	295.9
"	9.8	295.6
cut	10.0	295.4
N	10.0	295.4

POSTED

N	10.4	295.0
cut	9.9	295.5
"	9.7	295.7
N	9.5	295.9
"	9.6	295.8
cut	9.9	295.5
S	10.9	294.5
	0+75	
S	10.9	294.5
cut	10.4	295.0
"	10.1	295.3
M	9.9	295.5
"	10.0	295.4
cut	9.9	295.5
N	10.9	294.5



305.39

140

N	11.1	294.3
erb	11.0	294.4
"A	10.9	294.5
M	10.8	294.6
"A	11.1	294.3
erb	11.1	294.3
S	10.6	294.8

1425

S	11.6	293.8
erb	11.9	293.5
"A	11.6	293.8
M	11.6	293.8
"A	11.4	294.0
erb	11.4	295.0
N	11.5	293.9

T. P. 2.85 297.35 10.89 294.50

297.35

1450

19

N	3.5	293.9
erb	3.2	294.2
"A	<b>POSTED</b>	2.7 294.7
M	3.2	294.2
"A	4.2	293.2
erb	4.2	293.2
S	4.1	293.3

1475

S	4.6	292.8
erb	4.5	292.9
"A	4.9	292.5
M	4.5	292.9
"A	3.8	293.6
erb	4.1	293.3
N	4.0	293.4



297.35

2+0

N	4.8	292.6
Crk	5.0	292.4
"A	5.2	292.2
M	5.5	291.9
"A	6.6	290.8
Crk	6.6	290.8
S	6.3	291.1

2+25

S	11.1	286.3
Crk	10.3	287.1
"A	9.8	287.6
M	9.0	288.4
"A	5.2	289.2
Crk	7.6	289.8
N	6.9	290.5

297.35

2+50

20

N	5.9	291.5
Crk	6.1	291.3
"A	6.5	290.9
M	6.7	290.7
"A	6.9	290.5
Crk	7.4	290.0
S	8.0	289.4

2+75

S	4.0	293.4
Crk	4.0	293.4
"A	4.0	293.4
M	4.3	293.1
"A	4.4	293.0
Crk	4.7	292.7
N	4.6	292.8
	4.4	293.0



297.35

370

N	4.1	293.3
erb	3.9	293.5
"A	4.3	293.1
M	4.3	293.1
"A	4.3	293.1
erb	3.7	293.7
S	4.0	293.4

3725

S	5.3	292.1
erb	4.8	292.6
"A	5.0	292.4
M	5.0	292.4
"A	5.2	292.2
erb	4.9	292.5
N	4.7	292.7

297.35

3750

N	5.4	292.0
erb	5.9	291.5
"A	5.7	291.7
M	5.9	291.5
"A	5.9	291.5
erb	6.2	291.2
S	6.5	290.9

3775

S	6.7	290.7
erb	6.8	290.6
"A	6.9	290.5
M	6.9	290.5
"A	6.4	291.0
erb	6.2	291.2
N	6.0	291.4

21



297.35

A+08<sup>75</sup> = E.L. HERBERT ST 80'

N	6.4	291.0
erb	7.3	290.1
"4	7.4	290.0
M	7.5	289.9
"4	7.3	290.1
erb	7.9	289.5
S	8.5	288.9

E. curb

S	7.6	288.8
erb	8.2	289.2
"4	7.9	289.5
M	7.8	289.6
"4	7.7	289.7
erb	7.5	289.9
N	7.3	290.1

297.35

E "4

22

N	6.8	290.6
erb	7.4	290.0
"4	7.7	289.7
M	7.9	289.5
"4	7.9	289.5
erb	8.4	289.0
S	8.6	288.8

center

S	7.4	290.0
erb	7.5	289.9
"4	7.5	289.9
M	7.2	290.2
"4	7.2	290.2
erb	6.8	290.6
N	6.8	290.6



297.35

N "A

N	6.8	290.6
crk	6.5	290.9
"A	6.5	290.9
M	6.1	291.3
"A	6.7	290.7
crk	6.8	290.6
S	6.5	290.9

N. O. U. R. K.

S	6.1	291.3
crk	6.1	291.3
"A	6.1	291.3
M	5.9	291.5
"A	6.1	291.3
crk	6.2	291.2
N	6.1	291.3

297.35

W. L. Herbert, St

23

N	5.6	291.8
crk	5.8	291.6
"A	5.5	291.9
M	5.8	291.6
"A	6.0	291.4
crk	5.8	291.6
S	5.9	291.5

O. P. 25 N

S	5.8	291.6
crk	5.9	291.5
"A	5.8	291.6
M	5.6	291.8
"A	5.6	291.8
crk	5.6	291.8
N	5.4	292.0



297.35

0750

N	5.6	291.8
erb	5.9	291.5
"4	6.2	291.2
M	6.2	291.2
"4	6.2	291.2
erb	6.5	290.9
S	6.9	291.0

0775

S	6.9	290.5
erb	7.4	290.0
"4	7.4	290.0
M	6.6	290.8
"4	6.5	290.9
erb	6.5	290.9
N	6.0	291.4

297.35

170

POSTED

24

N	6.9	291.0
erb	7.0	290.4
"4	7.0	290.4
M	7.0	290.4
"4	7.5	289.9
erb	8.0	289.4
S	8.0	289.4

1725

S	9.1	289.3
erb	9.1	288.3
"4	8.4	289.0
M	7.7	289.7
"4	7.6	289.8
erb	7.5	289.9
N	7.0	290.4
T. P.	2.25	292.10
	7.50	289.85



292.10

1450

N	2.6	289.5
wh	3.2	288.9
"A	3.6	288.5
N	3.5	288.6
"A	3.6	288.5
wh	4.0	288.1
S	4.5	287.6

1475

S	5.0	287.1
wh	4.5	287.6
"A	4.3	287.8
N	4.1	288.0
"A	3.8	288.3
wh	3.6	288.5
N	3.1	289.0

292.10

210 E. L. Albert St 80' wide 25

N	2.4	289.7
wh	2.9	289.2
"A	3.1	289.0
N	3.4	288.7
"A	3.8	288.3
wh	4.0	288.1
S	4.6	287.5

E. CUT 6

S	4.2	287.9
wh	3.7	288.4
"A	3.4	288.7
N	3.1	289.0
"A	2.8	289.3
wh	2.8	289.3
N	2.3	289.8



292.10  
E "A

N	2.1	289.0
crk	2.6	289.5
"A	2.9	289.2
N	3.0	289.1
"A	3.3	288.8
crk	3.5	288.6
S	4.0	288.1

center

S	3.9	288.2
crk	3.8	288.3
"A	3.5	288.6
N	3.1	289.0
"A	2.8	289.3
crk	2.7	289.4
N	2.3	289.8

292.10

N "A

26

N	2.2	289.9
crk	2.7	289.4
"A	2.9	289.2
N	3.3	288.8
"A	3.7	288.4
crk	3.8	288.3
S	4.0	288.1

E. Crk

S	4.5	287.6
crk	4.3	287.8
"A	3.9	288.2
N	3.4	288.7
"A	3.3	288.8
crk	3.2	288.9
N	2.5	289.6



292.10

E. L. Albert St

N	2.9	289.2
erb	3.3	288.8
"A	3.7	288.4
M	4.1	288.0
"A	4.4	287.7
erb	4.8	287.3
S	5.1	287.0

0+25 W

S	6.3	285.8
erb	5.8	286.3
"A	5.4	286.7
M	5.0	287.1
"A	4.6	287.5
erb	4.3	287.8
N	3.8	288.3

292.10

0+50

N	4.7	287.4
erb	4.9	287.2
"A	5.2	286.9
M	5.7	286.4
"A	6.2	285.9
erb	7.0	285.1
S	8.0	283.6

0+75

S	10.3	281.8
erb	7.2	284.9
"A	6.3	285.8
M	6.0	286.1
"A	5.7	286.4
erb	5.5	286.6
N	5.0	287.1

27



292.10

140

N	5.9	286.7
erb	6.0	286.1
"A	6.0	286.1
M	6.1	286.0
"A	6.6	285.5
erb	7.4	289.7
S	8.6	283.5

1425

S	9.6	282.5
erb	7.6	289.5
"A	6.8	285.3
M	6.3	285.8
"A	5.7	286.4
erb	5.7	286.4
N	5.5	286.6

292.10

1450

28

N	5.6	286.5
erb	6.0	286.1
"A	6.4	285.7
M	6.6	285.5
"A	7.2	289.9
erb	7.6	289.5
S	8.8	283.3

1475

S	11.0	281.1
erb	8.4	283.7
"A	7.9	289.2
M	7.5	289.6
"A	7.1	285.0
erb	6.7	285.4
N	6.4	285.7



292.10

2+0

N	7.1	285.0
erb	7.7	284.4
"	8.3	283.8
M	9.0	283.1
"	13.1	279.0
erb	14.7	277.4
S	17.9	274.2

2+25

S	22.4	269.7
erb	17.1	275.0
"	13.4	278.7
M	9.9	282.2
"	8.5	283.6
erb	8.0	284.1
N	7.6	284.5

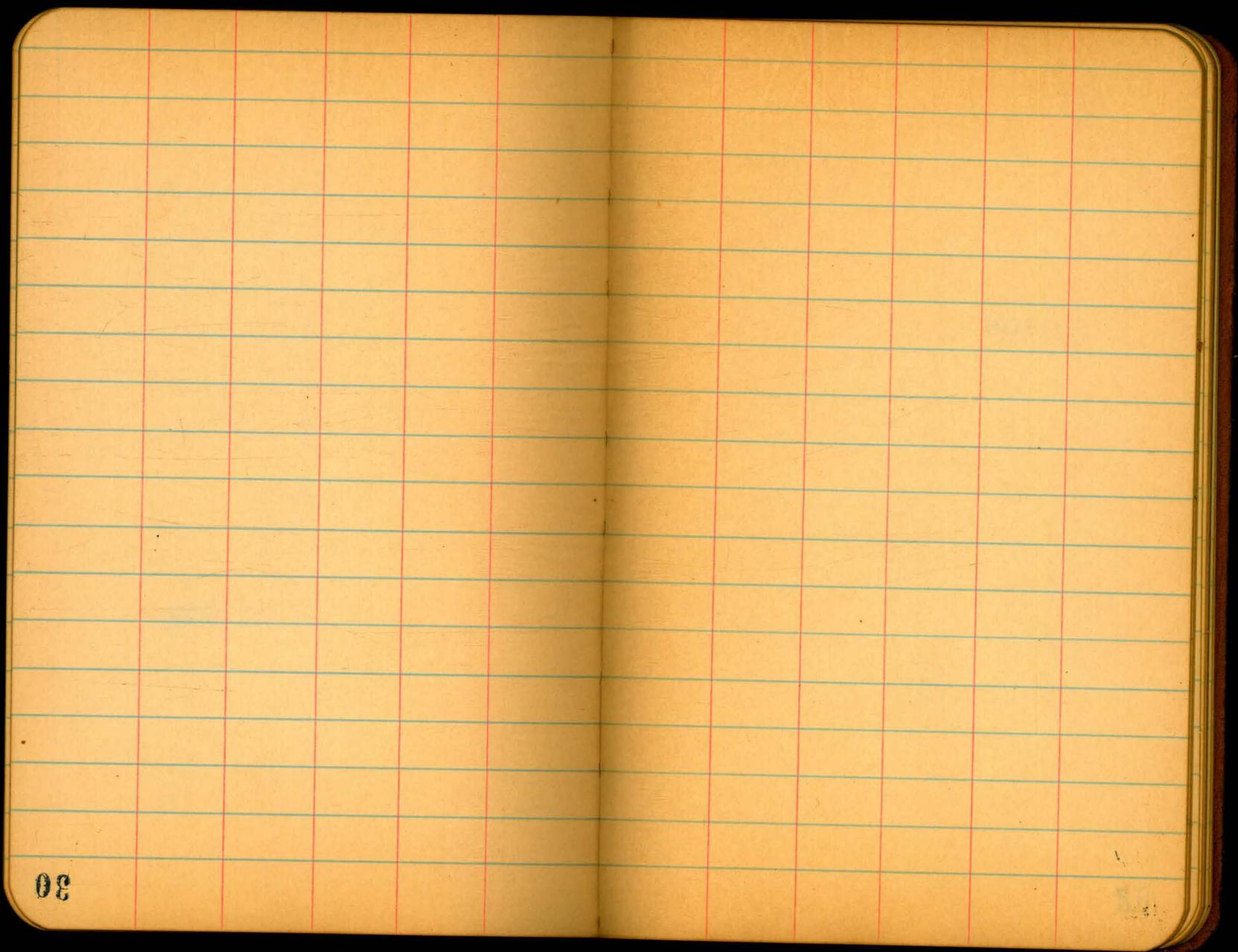
292.10

2+50 = E.L. Richmond St. 29

N	7.9	284.2
erb	8.3	283.8
"	8.4	283.7
M	9.3	282.8
"	10.5	281.6
erb	14.1	278.0
S	18.7	273.4

POSTED





30



x-section Juniper w.l. 30 D 5-  
 To point 100' n. of Bear st  
 Juniper 80 wide.

5/19/09  
 Amick  
 Shaw  
 Deyell

293.09

0+50

21

B.M. brass dg. man est 30<sup>th</sup> Juniper 285.73

B.M. 7.31 293.04

w.l. 30<sup>th</sup> ST

N 3.4 289.6

Crk **POSTED** 3.6 289.4

" 4.0 289.0

N 3.9 289.1

" 4.0 289.0

Crk 4.3 288.7

S 3.9 289.1

0+25

N

S 4.1 288.9

Crk 4.6 288.4

" 4.4 288.6

N 4.3 288.7

" 4.1 288.9

Crk 4.1 288.9

N 3.6 289.4

N

3.6 289.4

Crk

3.7 289.3

"

4.1 288.9

N

4.2 288.8

"

4.3 288.7

Crk

4.6 288.4

S

4.4 288.6

0+75

S

4.3 288.7

Crk

4.4 288.6

"

4.2 288.8

N

4.2 288.8

"

4.0 289.0

Crk

3.9 289.1

N

3.4 289.6



293.04

1+0

N	3.3	289.7
erb	3.6	289.4
"A	3.8	289.2
M	4.0	289.0
"A	4.0	289.0
erb	4.2	288.8
S	4.1	288.9

1+25

S	4.0	289.0
erb	4.1	288.9
"A	4.0	289.0
M	3.9	289.1
"A	3.6	289.4
erb	3.3	289.7
N	3.2	289.8

293.09

1+50

N	3.0	290.0
erb	3.1	289.9
"A	3.6	289.4
M	3.8	289.2
"A	4.1	288.9
erb	4.2	288.8
S	4.0	289.0

1+75

S	4.1	288.9
erb	4.3	288.7
"A	4.3	288.7
M	4.0	289.0
"A	3.8	289.2
erb	3.3	288.7
N	3.1	289.9

22



293.04

2+0 = FL. Dale 80' wide

N	3.4	289.6
crk	3.7	289.3
"4	4.0	289.0
M	4.3	288.7
"4	4.6	288.4
crk	4.7	288.3
S	4.6	288.4

E curk

S	5.0	288.0
crk	5.2	287.8
"4	4.7	288.3
M	4.4	288.6
"4	4.2	288.8
crk	4.1	288.9
N	3.7	289.3

293.04

E "4

33

N	3.7	289.3
crk	4.2	288.8
"4	4.4	288.6
M	4.6	288.4
"4	4.8	288.2
crk	5.3	287.7
S	5.6	287.4

Center

S	5.1	287.9
crk	4.8	288.2
"4	4.6	288.4
M	4.6	288.4
"4	4.5	288.5
crk	4.1	288.9
N	4.0	289.0



293.04

W '14

N	4.0	289.0
crk	4.4	288.6
"A	4.7	288.3
M	4.9	288.1
"A	5.0	288.0
crk	5.6	287.4
S	6.1	286.9

W curb

S	6.2	286.8
crk	5.4	287.6
"A	5.4	287.6
M	5.1	287.9
"A	5.0	288.0
crk	4.9	288.1
N	4.3	288.7

293.04

W.L. Dale St

POSTED 34

N	4.7	288.3
crk	5.0	288.0
"A	5.3	287.7
M	5.6	287.4
"A	5.8	287.2
crk	5.8	287.2
S	5.9	287.1

O + 25 W

S	6.6	286.4
crk	6.8	286.2
"A	6.5	286.57
M	6.4	286.6
"A	6.0	287.0
crk	5.9	287.1
N	5.1	287.9



293.09

0+50

N	6.7	286.3
erb	7.2	285.8
"A	7.5	285.5
M	7.9	285.1
"A	7.7	285.3
erb	7.8	285.2
S	8.0	285.0

0+75

S	9.4	283.6
erb	9.2	283.8
"A	9.0	284.0
M	9.1	283.9
"A	8.9	284.6
erb	8.3	284.7
N	7.9	285.1
T.P.	0.60	284.38
	9.26	283.78

284.38

1+0

N	0.5	283.9
erb	1.1	283.3
"A	1.3	283.1
M	1.6	282.8
"A	1.9	282.5
erb	1.9	282.5
S	2.3	282.1

1+25

S	4.2	280.2
erb	3.6	280.8
"A	3.2	281.2
M	2.6	281.8
"A	2.6	281.8
erb	2.2	282.2
N	1.7	282.7

35



289.38

-1450

N	3.6	280.8
crk	4.0	280.4
"A	4.4	280.0
M	5.0	279.4
"A	5.6	278.8
crk	6.3	278.1
S	7.2	277.2

1474<sup>5</sup> = E.L. 29<sup>th</sup> ST on North see plat P37

S	11.3	273.1
crk	10.0	274.4
"A	9.1	275.3
M	8.4	276.0
"A	7.7	276.7
crk	7.3	277.1
N	6.3	278.1

289.38

36

2702 E.L. 29<sup>th</sup> on S.L. Juniper see plat P37

N	8.7	275.7
crk	9.5	274.9
"A	9.9	274.5
M	10.7	273.7
"A	11.9	272.5
crk	13.2	271.2
S	14.4	270.0

2720

S	16.7	267.7
crk	15.3	269.1
"A	14.6	269.8
M	13.1	271.3
"A	12.3	272.1
crk	11.5	272.9
"A	10.9	273.5
T.P.	0.19	276.89
	12.68	271.70



271.89

2740

N	0.1	271.8
crk	0.7	271.2
"A	1.4	270.5
M	2.1	269.8
"A	3.2	269.7
crk	4.2	267.7
S	6.2	265.7

2159<sup>S</sup> = 266.39<sup>N</sup> on North

S	6.7	265.2
crk	5.2	266.7
"A	3.8	268.1
M	3.0	268.9
"A	2.3	269.6
crk	1.7	270.2
N	0.9	271.0

37

Beah St.

29<sup>th</sup> St

Dale St

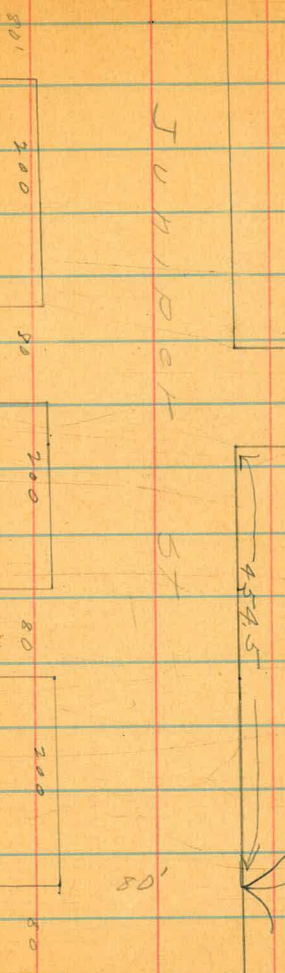
30<sup>th</sup> St

JUNIPER ST

POSTE

29<sup>th</sup> St

50'





271.89

2180 = W.L. 29<sup>th</sup> St. on S. L. Fairport

N	2.8	269.1
Crk	3.4	268.5
"4	4.3	267.6
M	5.3	266.6
"4	6.4	265.5
Crk	8.1	263.8
S	10.7	261.2

0+25 W. of W.L. 27<sup>th</sup> St on South

S	14.4	257.5
Crk	11.4	260.5
"4	9.6	262.3
M	8.0	263.9
"4	6.5	265.1
Crk	5.8	266.1
N	4.7	267.2

271.89

0+50

38

N	6.2	265.7
Crk	7.3	264.6
"4	9.0	262.9
M	10.6	261.3
"4	12.6	259.3
Crk	14.4	257.5
S	17.9	254.0
T. P.	21.55	266.19
	12.25	259.64

0+75

S	14.5	251.7
Crk	10.7	255.5
"4	8.0	258.2
		260.1
M	6.1	<del>265.8</del>
		2620
"4	4.7	<del>267.8</del>
		263.8
Crk	2.9	<del>269.5</del>
		264.9
N	1.3	<del>270.6</del>



266.19

1+0

N	2.1	264.1
erb	3.8	262.9
"A	5.2	261.0
M	7.6	258.6
"A	9.6	256.6
erb	12.7	253.5
S	17.1	249.1

1+25

S	18.7	247.5
erb	19.2	252.0
"A	11.0	255.2
M	8.7	257.5
"A	6.9	259.3
erb	5.2	261.0
N	4.0	262.2

266.19

1+50

N	6.6	259.6
erb	7.8	258.4
"A	9.0	257.2
M	10.7	255.5
"A	12.7	253.5
erb	15.3	250.9
S	19.9	246.3

1+75

S	20.9	245.3
erb	17.4	248.8
"A	15.0	251.2
M	13.5	252.7
"A	12.0	264.2
erb	10.8	255.4
N	10.0	256.2
T.P.	1.70	255.10
	12.79	253.40

39



255.10

2+0 = E.L. Bean St Rd Wide

N	3.1	252.0
crk	4.0	251.1
"	4.7	250.4
M	5.6	249.5
"	6.7	248.4
crk	8.2	246.9
S	10.7	244.4

E. curb

S	12.0	243.1
crk	9.4	245.7
"	8.3	256.8
M	7.4	247.7
"	6.6	248.5
crk	5.8	249.3
N	5.1	250.0

255.10

E "4

POSTED 40

N	7.0	248.1
crk	7.6	247.5
"	8.5	246.6
M	9.4	245.7
"	10.3	244.8
crk	11.4	243.7
S	13.2	241.9

center

S	14.3	240.8
crk	12.5	242.6
"	11.7	243.4
M	10.7	244.4
"	9.8	245.3
crk	9.1	246.0
N	8.7	246.4



255.10

W. 110

N	10.9	249.7
erb	10.9	244.2
"A	11.5	243.6
M	12.1	243.0
"A	12.7	242.4
erb	13.7	241.4
S	15.0	240.1

W. curb

S	16.2	238.9		
erb	15.0	240.1		
"A	14.3	240.8		
M	13.7	241.4		
"A	12.9	242.2		
erb	12.4	242.7		
N	11.9	243.2		
T. P.	2.30	244.67	12.73	242.37

244.67

W. L. Beard St

41

N	3.0	241.7
erb	3.7	241.0
"A	4.2	240.5
M	4.6	240.1
"A	5.2	239.5
erb	5.7	239.0
S	6.8	237.9

0+25 W

S	0.7	235.6
erb	8.6	236.1
"A	8.0	236.7
M	7.4	237.3
"A	6.8	237.9
erb	6.4	238.3
N	6.2	238.5



12.1 225.6

N

12.1 225.6

chk

12.7 225.0

"

13.1 224.6

M

13.2 224.5

"

13.6 224.1

chk

13.9 224.3

S

237.67

17.0

POSTED

9.7 235.0

N

10.0 234.7

chk

10.9 234.3

"

10.8 233.9

M

11.1 233.6

"

11.5 233.2

chk

11.8 232.9

S

5.10 237.67 12.10 232.57

T.P.

0+75

8.9 229.3

S

8.3 229.4

chk

8.0 229.7

"

7.6 230.1

M

7.2 230.5

"

7.1 230.6

chk

7.3 230.4

N

244.67

0+50



x-section Utah St. University To <sup>10</sup>/<sub>10</sub> Dunkle  
 Uras. " 80 wide  
 B.M. 79.50 N.W. University Utah 350.33 109 Above  
 Dugiel

0+50

43

B.M. 0.20 351.13

S.L. University

N 2.7 348.2

erb POSTED 3.3 347.8

" 2.7 348.4

N 2.5 348.6

" 2.7 348.4

erb 2.4 348.7

E 2.4 348.7

0+25 E

E 2.8 348.3

erb 3.5 347.6

" 2.7 348.2

N 2.5 348.6

" 2.8 348.3

erb 2.7 348.4

N 3.2 347.9

N 3.2 347.9

erb 3.2 347.9

" POSTED 3.8 347.8

N 2.8 348.3

" 3.5 347.6

erb 3.8 347.3

E 3.5 347.6

0+75

E 3.9 347.2

erb 3.7 347.2

" 3.9 347.2

N 4.3 346.5

" 3.6 347.5

erb 3.9 347.2

N 3.4 347.7



35113

1+0

W	3.7	347.4
Crk	3.9	347.2
"A	3.4	347.7
M	3.8	347.3
"A	3.5	347.6
Crk	4.0	347.1
E	4.3	346.8

1+25

E	4.3	346.8
Crk	4.5	346.6
"A	4.2	346.9
M	4.2	346.9
"A	4.5	346.6
Crk	4.6	346.5
W	4.2	346.9

1+50

44

W	4.6	346.5
Crk	5.0	346.1
"A	4.7	346.4
M	4.6	346.5
"A	3.4	347.7
Crk	3.9	347.2
E	4.9	346.2

1+75

E	4.7	346.4
Crk	4.7	346.4
"A	4.8	346.3
M	5.0	346.1
"A	4.4	346.7
Crk	4.3	346.8
W	4.5	346.6



35/13

270

W	4.8	346.3
Crk	4.9	346.2
"A	5.3	345.8
M	5.0	346.1
"A	5.0	346.0
Crk	4.2	346.9
E	3.6	347.5

2125

E	5.1	346.0
Crk	4.9	346.2
"A	5.1	346.0
M	4.5	346.6
"A	4.4	346.7
Crk	4.4	346.7
W	5.2	345.9

35/13

2750

45

W	5.2	345.9
Crk	5.4	345.7
"A	4.9	346.2
M	5.0	346.1
"A	4.9	346.2
Crk	5.3	345.8
E	5.0	346.1

2775

E	5.5	345.6
Crk	5.6	345.5
"A	5.4	345.7
M	5.4	345.7
"A	5.5	345.6
Crk	6.0	345.1
W	5.3	345.8



357.13

340-M.L. Wightman 50 wide

W	5.0	346.1
erb	5.5	345.6
"A	5.9	345.2
M	5.6	345.5
"A	5.1	346.0
erb	5.5	345.6
F	5.1	346.0

N. CORK

F	5.5	345.6
erb	5.7	345.4
"A	4.8	346.3
M	4.9	346.2
"A	5.7	345.4
erb	5.8	345.3
W	6.6	344.5

357.13

N. "A

46

W	6.3	344.4
erb	6.3	344.8
"A	6.4	344.7
M	5.9	345.2
"A	5.4	345.7
erb	5.6	345.5
F	5.2	345.9

Center

F	5.6	345.5
erb	6.1	345.0
"A	6.0	345.1
M	6.0	345.1
"A	5.9	345.2
erb	5.4	345.7
W	6.4	344.7



351.13

5 1/4

W	6.3	344.8
erb	5.3	345.8
1/4	5.5	345.6
M	6.1	345.0
1/4	5.4	345.7
erb	6.2	344.9
E	6.0	345.1

5 erb

E	6.4	344.7
erb	5.7	345.4
1/4	5.3	345.8
M	6.3	344.7
1/4	6.4	344.7
erb	6.4	344.7
W	6.5	344.6

47

S.A. Night March

W	6.5	344.6
erb	6.4	344.7
1/4	6.5	344.6
M	6.3	344.8
1/4	6.2	344.9
erb	6.4	344.7
E	6.4	344.7

07.25 5

E	5.1	346.0
erb	5.7	345.4
1/4	6.5	344.6
M	5.8	345.3
1/4	6.0	345.1
erb	5.8	345.2
W	5.6	345.5



35113

0750

W	6.3	344.8
crb	5.9	345.2
1/4	6.8	346.3
M	6.7	344.4
1/4	5.3	345.8
crb	5.8	345.3
F	6.8	344.3

0175

E	6.9	344.2
crb	6.7	344.4
1/4	6.8	344.3
M	6.9	344.2
1/4	6.7	344.4
crb	7.0	344.1
W	6.8	344.3

48

170

W	6.5	344.6
crb	6.8	344.3
1/4	5.0	346.1
M	6.7	344.4
1/4	6.9	344.2
crb	6.6	344.3
E	6.4	344.7

1425

E	6.6	344.5
crb	7.0	344.1
1/4	7.0	344.1
M	6.9	344.2
1/4	7.2	343.9
crb	6.5	344.6
W	7.1	344.0

POSTED



35113

511

1750

W	6.6	344.5
cb	5.5	345.6
1/4	6.3	344.8
M	7.2	343.9
1/4	6.3	344.8
cb	6.6	344.5
E	6.8	344.3

1275

E	6.8	344.3
cb	6.9	344.2
1/4	7.2	343.9
M	7.3	343.8
1/4	7.4	343.7
cb	7.5	343.6
W	7.3	343.8

270

49

W	7.6	343.5
cb	7.4	343.7
1/4	7.1	344.0
M	7.5	343.6
1/4	7.4	343.7
cb	7.0	344.1
E	7.1	344.0

2125

E	7.5	343.6
cb	7.3	343.8
1/4	7.7	343.4
M	7.4	343.7
1/4	7.0	344.1
cb	7.6	343.5
W	7.9	343.2



357.3

2750

W	7.0	344.1
cb	7.6	343.5
1/4	8.2	342.9
M	7.7	343.4
1/4	8.1	343.0
cb	8.0	343.1
E	7.9	343.2

2765

TP	2.91	346.43	7.61	343.57
E			2.1	344.3
cb			2.5	343.9
1/4			2.7	343.7
M			2.3	344.1
1/4			3.2	343.2
cb			3.2	343.2
W			3.1	343.3

50

340 = N.L. GUMM 80' wide

W	346.43	3.2	343.2
cb		3.3	343.1
1/4		3.5	342.9
M		3.4	343.0
1/4		2.9	343.5
cb		3.6	342.8
E		3.4	343.0

N. curb

E		3.8	342.6
cb		3.8	342.6
1/4		3.9	342.5
M		2.9	343.5
1/4		3.4	343.0
cb		3.5	342.9
W		3.5	342.9



34623

N-44

W	38	342.6
cb	35	342.9
44	34	343.0
M	27	343.7
44	40	342.4
cb	38	342.6
E	26	343.8

M.

E	23	344.1
cb	37	342.7
44	38	342.6
M	41	342.3
44	38	342.6
cb	34	343.0
W	40	342.4

S-44

51

W	42	342.2
cb	37	342.7
44	27	343.7
M	32	343.2
44	38	342.6
cb	40	342.4
E	30	343.4

S. cb

E	44	342.0
cb	31	343.3
44	35	342.9
M	30	343.4
44	26	343.8
cb	39	342.5
W	42	342.2



346.43  
S. Line Gunn

W	3.2	343.2
cb	3.8	342.6
W	4.5	341.9
M	4.4	342.0
W	4.3	342.1
cb	3.8	342.6
E	4.4	342.0

0725

E	4.9	341.5
cb	3.6	342.8
W	4.5	341.9
M	4.4	342.0
W	4.2	342.2
cb	3.9	342.5
W	4.6	341.8

0750

52

W	346.43	4.3	342.1
cb		4.5	341.9
W		3.9	342.5
M		3.9	342.5
W		4.9	341.5
cb		5.0	341.4
E		4.9	341.5

0775

E		5.3	341.1
cb		5.0	341.4
W		5.1	341.3
M		3.9	342.5
W		3.8	342.6
cb		4.5	341.9
W		4.3	342.1



346.43

1120

W	44	342.0
cb	46	341.8
74	43	342.1
M	39	342.5
74	41	342.3
cb	38	342.6
E	50	341.4

1125

E	54	341.0
cb	49	341.5
74	51	341.3
M	45	341.9
74	42	342.2
cb	44	342.0
W	40	342.4

53

1150

W	43	342.1
cb	50	341.4
74	51	341.3
M	54	341.0
74	54	341.0
cb	51	341.3
E	50	341.4

1125

E	56	340.8
cb	51	341.3
74	46	341.8
M	44	342.0
74	52	341.2
cb	48	341.6
W	44	342.0



346.43

270

W	4.7	341.7
orb	4.8	341.6
1/4	5.4	341.0
M	5.4	341.0
1/4	4.6	341.8
orb	4.5	341.9
E	5.3	341.1

2725

E	6.3	340.1
orb	5.9	340.5
1/4	6.1	340.3
M	5.8	340.6
1/4	5.7	340.7
orb	5.3	341.1
W	4.9	341.5

54

2750

W	5.5	340.9
orb	5.6	341.8
1/4	6.0	340.4
M	5.5	340.9
1/4	5.3	341.1
orb	5.9	340.2
E	6.6	339.8

2775

E	6.7	339.7
orb	6.4	340.0
1/4	5.8	340.6
M	6.2	340.2
1/4	5.6	340.8
orb	5.7	340.7
W	5.4	341.0



346.43

340 = N.L. Landis 80' wide

W	6.0	340.4
cb	6.3	340.1
1/4	6.3	340.1
M	6.8	339.6
1/4	5.9	340.5
cb	5.7	340.7
E	6.5	339.9

N. cb

W	6.9	339.5
cb	7.1	339.3
1/4	6.9	339.5
M	6.7	339.7
1/4	5.7	340.7
cb	6.1	340.3
W	6.3	340.1

N. 1/4

55

W	6.3	340.1
cb	5.4	341.0
1/4	5.2	341.2
M	6.0	340.4
1/4	7.0	339.4
cb	6.7	339.7
E	6.4	340.0

Center

E	5.4	341.0
cb	6.6	339.8
1/4	6.7	339.7
M	6.0	340.4
1/4	5.4	341.0
cb	5.8	340.6
W	5.8	340.6



346.43

S-114

W	6.1	340.3
alt	6.0	340.4
1/4	6.4	340.0
M	6.0	340.4
1/4	6.7	339.7
alt	7.0	339.4
E	6.3	340.1

S. Cab

E	7.5	338.9
alt	6.9	339.5
1/4	6.2	340.2
M	6.5	339.9
1/4	6.3	340.1
alt	6.2	340.2
W	6.1	340.3

S. Line Landis

56

W	6.0	340.4
alt	6.4	340.0
1/4	6.5	339.9
M	6.5	339.9
1/4	6.7	339.7
alt	6.6	339.8
E	7.5	338.9

0725

E	6.9	339.5
alt	6.7	339.7
1/4	7.4	339.0
M	6.4	340.0
1/4	6.6	339.8
alt	6.9	339.5
W	6.3	340.1



346.43

0+50

W	6.4	340.0
cb	7.3	339.1
"A	7.3	339.1
M	6.7	339.7
"A	6.6	339.8
cb.	7.9	338.5
E	7.9	338.5

0+75

E	8.4	338.0
cb	8.3	338.1
"A	7.9	338.5
M	8.2	338.2
"A	7.6	338.8
cb	7.2	339.2
W	6.8	339.6
T.P		

57

1+0

W	7.2	339.2
cb	7.9	338.5
"A	7.9	338.5
M	7.4	339.0
"A	8.2	338.2
cb	8.1	338.3
E	7.6	338.8

1+25

E	8.7	337.7
cb	8.8	337.6
"A	9.1	337.3
M	8.4	338.0
"A	8.3	338.1
cb	8.3	338.1
W	7.6	338.8
T.P	9.11	343.01
	7.53	338.90



343.01

1450

W	4.4	338.6
erb	4.9	338.1
"/4	4.9	338.1
M	5.1	337.9
"/4	5.4	337.6
erb	5.6	337.4
E	5.1	337.9

1475

E	4.6	338.4
erb	5.2	337.8
"/4	4.9	338.1
M	4.4	338.6
"/4	5.1	337.9
erb	5.1	337.9
W	4.6	338.4

58

240

W	4.5	338.5
erb	5.0	338.0
"/4	5.1	337.9
M	5.5	337.5
"/4	5.5	337.5
erb	6.1	336.9
E	5.5	337.5

POSTED

2425

E	6.0	337.0
erb	5.0	338.0
"/4	4.6	338.4
M	5.0	338.0
"/4	5.5	337.5
erb	5.3	337.7
W	4.7	338.3



343.01

2+50

W	4.8	338.2
Crk	5.2	337.8
"A	4.9	338.1
M	5.5	337.5
"A	5.9	337.1
Crk	5.3	337.7
E	4.9	338.1

2+75

E	4.3	335.7
Crk	5.8	337.2
"A	6.1	336.9
M	5.8	337.2
"A	5.9	337.6
Crk	5.9	337.6
W	4.7	338.3

59

340=N.W. Dwight St 20' wide

W	5.1	337.9
Crk	5.6	337.4
"A	5.7	337.3
M	6.2	336.8
"A	5.9	337.1
Crk	6.2	336.8
E	6.3	336.7

N. Court

E	5.6	337.4
Crk	5.8	337.2
"A	6.1	336.9
M	6.0	337.0
"A	5.6	337.4
Crk	5.5	337.5
W	5.4	337.6



343.01

N "A

W	5.1	337.9
crb	5.6	337.7
"A	5.5	337.5
M	5.5	337.5
"A	5.4	337.6
crb	5.7	337.3
F	4.9	338.1

CENTER

E	6.0	337.0
crb	6.4	336.6
"A	5.7	337.3
M	6.0	337.0
"A	6.5	336.5
crb	5.3	337.7
W	5.3	337.7

60

S "A

W	5.0	338.0
crb	5.4	337.6
"A	6.2	336.8
M	6.5	336.5
"A	6.6	336.4
crb	7.1	335.9
F	7.0	336.0

S. CURVE

E	7.1	335.9
crb	6.8	336.2
"A	6.7	336.3
M	5.7	337.3
"A	6.4	336.6
crb	6.1	336.9
W	5.6	337.4

T.P	4.99	342.21	5.79	337.22
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347.21

S.H. DWIGHT SK

W	5.4	336.8
crk	6.1	336.1
"A	6.1	336.1
M	5.3	336.9
"A	6.0	336.2
crk	6.4	335.8
F	6.3	335.9

D+25 S

F	6.3	335.9
crk	6.0	336.2
"A	6.3	335.9
M	4.8	337.4
"A	6.5	337.7
crk	5.2	337.0
W	5.4	336.8

POSTED 61

D+50

W	342.21	5.2	337.0
crk		5.7	336.5
"A		6.7	335.5
M		6.8	335.4
"A		6.8	335.4
crk		6.5	335.7
F		5.4	336.8

D+75

F		6.9	335.3
crk		6.5	335.7
"A		5.8	336.4
M		5.8	336.4
"A		6.6	335.6
crk		6.5	335.7
W		6.0	336.2



342.21

170

W	6.2	336.0
crk	6.8	335.2
"4	7.0	335.2
M	6.7	335.5
"4	6.1	335.1
crk	6.9	335.3
F	6.5	335.7

1725

F	7.1	335.1
crk	6.9	335.3
"4	6.6	335.6
M	7.0	335.2
"4	5.8	336.4
crk	4.8	337.4
W	6.0	336.2

1750

62

W	6.7	335.5
crk	7.0	335.2
"4	7.2	335.0
M	7.2	335.0
"4	7.3	334.9
crk	7.7	334.5
F	7.6	334.6

1775

F	8.1	334.1
crk	7.3	334.9
"4	6.0	336.2
M	5.6	336.6
"4	7.2	335.0
crk	6.8	335.4
W	7.0	335.2



343.21

2+0

W	7.0	335.2
Ork	7.1	335.1
"A	6.6	335.6
M	7.0	335.2
"A	7.4	334.8
Ork	7.6	334.6
F	8.9	333.8

2+25

E	7.7	334.5
Ork	6.9	335.3
"A	7.1	335.1
M	6.3	335.9
"A	6.2	336.0
Ork	6.7	335.5
W	6.8	335.4

2+50

63

W	6.8	335.4
Ork	7.0	335.2
"A	6.6	335.6
M	5.6	336.6
"A	5.8	336.4
Ork	6.3	335.9
F	7.8	334.4

2+75

F	8.0	334.2
Ork	7.2	335.0
"A	6.6	335.6
M	6.7	335.5
"A	7.1	335.1
Ork	7.0	335.2
W	6.6	335.6



340=N.L. CAPAS 5' 80" wide

W	6.6	335.6
erb	6.3	335.9
"A	6.4	335.8
M	6.3	335.9
"A	6.2	336.0
erb	7.1	335.1
F	7.9	334.3

N curb

E	7.8	334.4
erb	6.8	335.4
"A	6.9	335.8
M	7.2	335.0
"A	7.0	335.2
erb	7.0	335.2
W	7.1	335.1

N "A

W	7.0	335.2
erb	7.0	335.2
"A	7.5	334.7
M	7.1	335.1
"A	6.3	335.9
erb	6.0	336.2
F	7.6	334.6

Center

F	7.8	334.4
erb	6.4	335.8
"A	6.3	335.9
M	7.1	335.1
"A	6.9	335.3
erb	5.8	336.4
W	6.1	336.1



342.21

S 1/4

W	6.3	335.9
CRK	6.0	336.2
1/4	7.0	335.2
M	7.5	334.7
1/4	7.0	335.2
CRK	6.7	335.5
E	7.6	334.6

S CRK

E	6.9	335.3
CRK	6.4	335.8
1/4	7.4	334.8
M	7.8	334.4
1/4	7.5	334.7
CRK	7.1	334.1
W	7.0	335.2

65

S. L. CAPPS.

W	6.8	335.4
CRK	7.7	334.5
1/4	7.5	334.7 POSTED
M	7.2	335.0
1/4	7.6	334.6
CRK	7.9	334.8
E	7.5	334.7

D 725 S

E	8.3	333.9
CRK	8.0	334.2
1/4	7.8	334.4
M	7.5	334.7
1/4	7.8	334.4
CRK	7.8	334.4
W	6.2	336.0



344.21

0+50

W	8.1	334.1
Crk	8.2	334.2
"A	8.0	334.2
M	7.8	334.4
"A	7.0	335.2
Crk	6.7	335.5
F	7.8	334.4

0+75

F	7.9	334.3
Crk	7.8	334.4
"A	7.8	334.4
M	8.1	334.1
"A	8.0	334.2
Crk	8.0	334.2
W	8.2	334.0

66

1+0

W	8.1	334.1
Crk	7.7	334.5
"A	7.9	334.3
M	8.1	334.1
"A	7.8	334.4
Crk	7.2	335.0
F	7.4	334.8

1+25

E	7.5	334.7
Crk	7.5	334.7
"A	7.8	334.4
M	7.9	334.3
"A	7.7	334.5
Crk	7.5	334.7
W	7.7	334.5



342.21

1+50

W	7.9	334.3
Crk	7.6	334.6
"	7.6	334.6
M	7.9	334.3
"	8.1	334.1
Crk	7.8	334.4
E	7.5	334.4

1+75

E	7.3	334.9
Crk	7.6	334.6
"	7.3	334.9
M	6.9	335.3
"	7.8	334.4
Crk	8.0	334.2
W	7.8	334.4

67

2+0

W	7.8	334.4
Crk	7.1	335.1
"	7.0	335.2
M	7.7	334.5
"	7.9	334.3
Crk	8.1	334.1
E	7.3	334.9

2+25

E	7.5	334.7
Crk	7.3	334.9
"	7.0	335.2
M	7.1	335.1
"	7.6	334.6
Crk	7.4	334.8
W	7.4	334.8
T.P.	4.58	339.7
	7.32	334.89



337.47

2+50

W	4.5	335.0
erb	4.0	335.5
"A	4.4	335.1
M	4.6	334.9
"A	4.8	334.7
erb	4.4	335.1
E	4.5	335.0

2+75

F	4.5	335.0
erb	4.6	334.9
"A	4.6	334.9
M	4.3	335.2
"A	4.7	334.8
erb	4.7	334.8
W	4.9	334.6

68

3+0 = N.L. Myrtle 80' wide

W	3.5	336.0
erb	3.4	336.1
"A	4.6	334.9
M	4.5	335.0
"A	4.4	335.1
erb	4.6	334.9
F	3.9	335.6

N. C. 1/2

F	3.9	335.6
erb	4.7	334.8
"A	4.4	335.1
M	4.2	335.3
"A	4.8	334.7
erb	4.5	335.0
W	4.4	335.1



339.47

N 14

N	4.4	335.1
cut	4.7	334.8
"4	5.1	334.4
M	4.7	334.8
"4	4.7	334.8
wh	4.6	334.9
E	3.5	336.0

Center

E	4.5	335.0
cut	5.0	334.5
"4	5.0	334.5
M	4.6	334.9
"4	4.8	334.7
cut	4.9	335.2
W	3.5	335.7

69

S 14

N	339.47	5.2	334.3
wh		5.3	334.2
"4		4.9	334.6
M		4.3	335.1
"4		4.9	334.6
cut		5.2	334.3
E		4.9	334.6

S, CURK

E	5.1	334.4
cut	5.3	334.2
"4	5.3	334.2
M	5.3	334.2
"4	5.7	333.9
cut	5.5	334.0
W	5.9	333.6



339.47

S. L. Myrtle

W	5.3	334.2
crk	5.2	334.3
"A	5.5	334.0
M	5.2	334.8
"A	5.3	334.2
crk	5.3	334.2
E	5.1	334.4

0+25 S

E	4.8	334.7
crk	5.9	334.1
"A	5.9	334.1
M	5.5	334.0
"A	5.8	333.7
crk	5.5	334.0
W	5.5	334.0

70

0+50

W	4.9	334.6
crk	5.5	334.0
"A	5.9	333.6
M	6.1	333.4
"A	5.7	333.8
crk	5.6	333.9
E	5.0	334.5

0+75

E	5.6	333.9
crk	6.0	333.5
"A	6.1	333.4
M	5.8	333.7
"A	5.8	333.7
crk	6.2	333.3
W	6.6	332.9



339.47

1+0

W	6.0	333.5
Wh	6.0	333.5
"4	5.0	334.5
M	5.2	334.3
"4	6.4	333.1
Wh	6.4	333.1
F	5.7	333.8

1+25

F	5.9	333.6
Wh	6.7	332.8
"4	6.7	332.8
HA	6.6	332.9
"4	6.4	333.1
Wh	6.8	332.7
W	7.1	332.4

1+50

71

W	339.47	6.6	332.9
Wh		7.1	332.4
"4		7.0	332.5
M		6.8	332.7
"4		7.0	332.5
Wh		7.0	332.5
F		6.4	333.1

1+75

F		7.0	332.5
Wh		7.1	332.4
"4		7.2	332.3
M		6.7	332.8
"4		7.3	332.2
Wh		7.1	332.4
W		6.5	333.0



339.17

2+0

W	6.9	332.6
Orb	7.4	332.1
"A	6.8	332.7
M	7.4	332.1
"A	7.5	332.0
Orb	7.4	332.1
E	7.3	332.2

2+25

E	7.6	331.9
Orb	7.7	331.8
"A	7.7	331.8
M	7.5	332.0
"A	7.6	331.9
Orb	8.1	331.4
W	8.5	331.0

72

2+50

W	8.5	331.0
Orb	7.2	332.3
"A	7.7	331.8
M	7.8	331.7
"A	8.0	331.5
Orb	7.9	331.6
E	7.7	331.8

2+75

E	8.0	331.5
Orb	8.1	331.4
"A	8.1	331.4
M	8.3	331.2
"A	8.5	331.0
Orb	8.7	330.8
W	8.6	330.9



339.47

3+0 = N.L. UPAS ST

W	7.5	332.0
erb	7.8	331.7
"	8.3	331.2
"	8.1	331.4
"	8.3	331.2
erb	8.3	331.2
F	7.7	331.8

POSTED

73



74



75





















80



85.16	85.16
<u>78.70</u>	<u>77.10</u>
6.46	7.46
6.96	
7.46	

#400

77.2  
78.2

79.53<sup>11</sup>

80.05  
5.11  
85.16

104 | 1000 | 957

600	96	75.2
<u>520</u>	<u>54</u>	
500	384	79.0
	<u>480</u>	
78.20	52	
<u>52</u>		
77.68		

85.16	85.16
<u>79.20</u>	<u>77.20</u>
6.96	7.96

77.7	79.2	85.16
78.7		<u>7.56</u>
		77.60



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	26.73	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		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		

*[Handwritten notes and calculations on the left page of the notebook, including numbers like 200, 50, 1790, and 254.5.]*