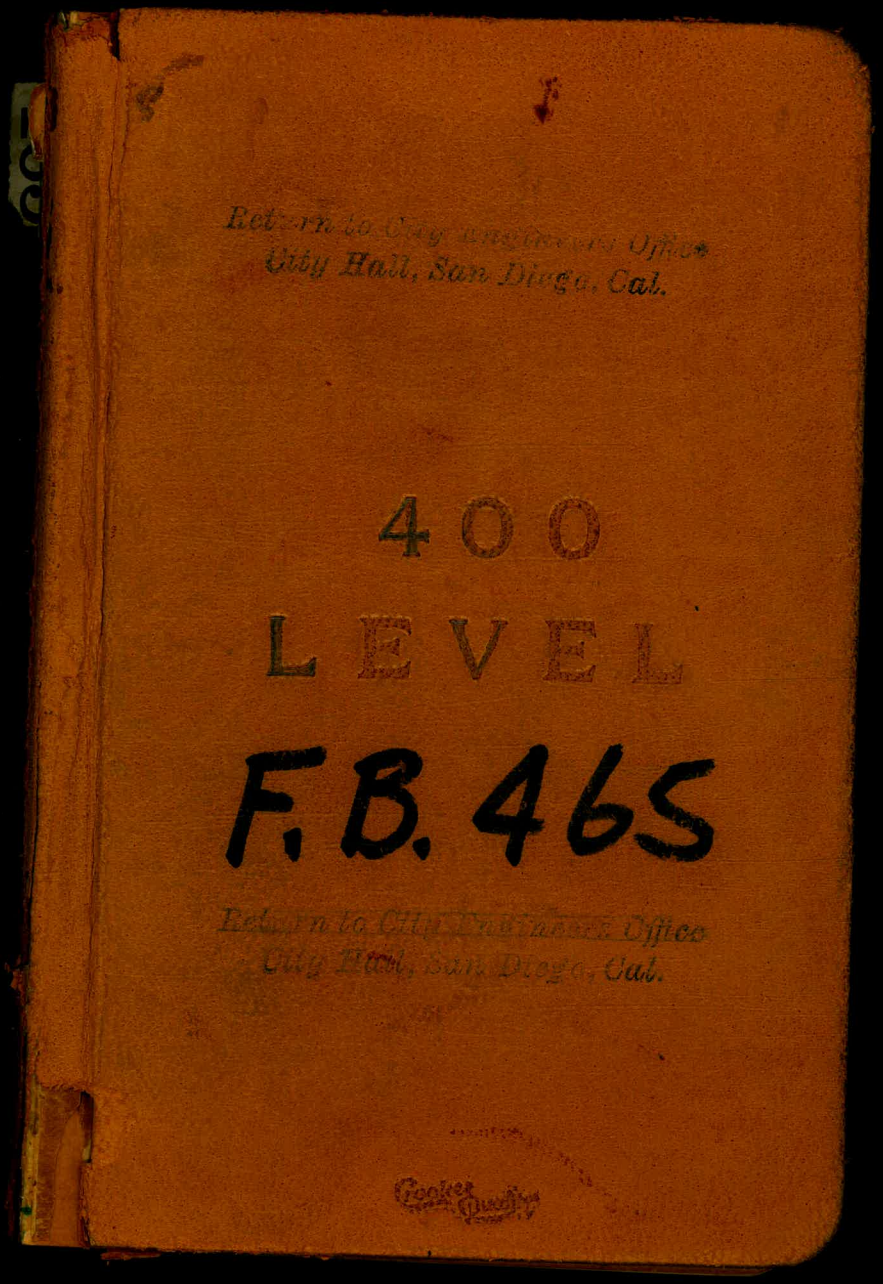

Return to City Engineer's Office
City Hall, San Diego, Cal.
400
LEVEL
F.B. 465
Return to City Engineer's Office
City Hall, San Diego, Cal.
Cooley Quality

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

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

Crocker Quality

LEVEL BOOK

No. 400

COMMUNI CONSENSU PRIMO TRADE MARK

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

POSTED

1

2

v-section Redwood 30th T 32nd St 5/25/09 Dunkle Shaw Dizier
" 60' wide

B.M. Con	Mon. Cor 30th & Thorne			320.44	
B.M.	1.70	322.14			
T.P.	0.60	310.10	12.64	309.50	
	E.L. 30th St				
N			7.9	302.2	
crb			8.2	301.9	
1/4			8.0	302.1	
M			8.1	302.0	x
1/4			8.2	301.9	
crb			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	
crb			11.1	287.0	
1/4			10.4	287.7	
M			10.4	287.7	x
1/4			9.6	288.5	
crb			12.3	285.8	
N			10.4	287.7	

POSTED

POSTED

2

298.09

0+50 E.

See Book 865 Page 55

N			23.1	275.0	
crb			22.3	275.8	
1/4			22.8	275.3	
M			23.0	275.1	x
1/4			23.3	274.8	
crb			23.9	274.2	
S			23.3	274.8	
	0+75				
S			25.2	272.9	
crb			25.1	273.0	
1/4			26.1	272.0	
M			24.2	273.9	x
1/4			22.3	275.8	
crb			19.9	278.2	
N			15.8	282.3	

		298.09			
		140			
N			0.5	297.3	
crb			4.0	299.1	
"4			6.9	291.2	
M			10.1	287.0	x
"4			13.7	284.4	
crb			17.8	280.3	
S			21.5	276.5	
		1725			
S			15.0	283.1	
crb			10.9	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	
crb			4.2	304.6	
N			1.6	307.2	
T.P.	7.92	316.33	0.37	308.41	

		316.33			
		1450			
N			7.5	308.8	
crb			8.6	307.7	
"4			10.9	305.4	
M			13.9	302.4	x
"4			18.8	297.5	
crb			24.5	291.8	
S			29.1	287.2	
		1775			
S			21.9	294.4	
crb			17.8	298.5	
"4			13.7	302.6	
M			11.2	305.1	x
"4			8.8	307.5	
crb			7.4	308.9	
N			6.9	309.9	

316.33

2+0

N	5.4	310.9
Crb	5.9	310.4
1/4	6.7	309.6
M	8.2	308.1 x
1/4	11.3	305.0
Crb	13.2	303.1
S	15.5	300.8

2+25

S	11.8	304.5
Crb	9.7	306.6
1/4	7.7	308.6
M	6.5	309.8 x
1/4	5.9	310.4
Crb	5.2	311.1
N	4.7	311.6

316.33

2+67 = W.L. Grimm Ave 65' wide

N	4.4	311.9
Crb	4.9	311.4
1/4	5.6	310.7
M	6.1	310.2 x
1/4	6.9	309.4
Crb	8.1	308.2
S	9.4	306.9

W Curb

S	9.0	307.3
Crb	7.8	308.5
1/4	6.8	309.5
M	6.3	310.0 x
1/4	5.5	310.8
Crb	4.8	311.5
N	4.2	312.1

316.33

W 1/4

N	4.1	312.2
crk	4.8	311.5
1/4	5.4	310.9
M	6.1	310.2 x
1/4	6.9	309.4
crk	7.8	308.5
S	9.1	307.2

Center

S	7.7	307.6
crk	7.7	308.6
1/4	6.9	309.4
M	6.0	310.3 x
1/4	5.0	311.3
crk	4.6	311.7
N	4.1	312.2

316.33

E 1/4

N	3.9	312.4
crk	4.6	311.7
1/4	4.8	311.5
M	5.7	310.6 x
1/4	6.5	309.8
crk	7.6	308.7
S	8.5	307.8

E. crk

S	8.1	308.2
crk	7.1	309.2
1/4	6.2	310.1
M	5.5	310.8 x
1/4	4.7	311.6
crk	4.1	312.2
N	3.7	312.6

316.33

E.L. Grimm Ave

N			3.2	313.1
Crk			3.9	312.4
"4			4.5	311.8
M			5.4	310.9 x
"4			6.0	310.3
Crk			6.7	309.6
S			7.6	308.7
		0+25 E		
S			6.4	309.9
Crk			5.5	310.8
"4			4.9	311.4
M			4.1	312.2 x
"4			3.5	312.8
Crk			3.1	313.2
N			2.8	313.5
T.P	4.20	318.13	2.40	313.93

318.13

0+50 E

N	4.0	314.1
Crk	4.4	313.7
"4	4.7	313.4
M	5.3	312.8 x
"4	5.9	312.2
Crk	6.7	311.4
S	7.4	311.7
	0+75	
S	6.6	311.5
Crk	5.8	312.3
"4	5.0	313.1
M	4.7	313.4 x
"4	4.2	313.9
Crk	3.6	314.5
N	3.2	314.9

318.13

1+00

N	3.3	314.8	
crk	3.7	314.4	
"/4	4.0	314.1	
M	4.5	313.6	x
"/4	5.1	313.0	
crk	5.7	312.4	
S	6.3	311.8	

1+25

S	6.2	311.9	
crk	5.6	312.5	
"/4	5.0	313.1	
M	4.6	313.5	x
"/4	4.1	314.0	
crk	3.8	314.3	
N	3.6	314.5	

1+50

318.13

N	4.3	313.8	
crk	4.6	313.5	
"/4	4.8	313.3	
M	5.0	313.1	
"/4	5.4	312.7	
crk	5.8	312.3	
S	6.2	311.9	

1+75

S	7.2	310.9	
crk	7.2	310.9	
"/4	6.9	311.2	
M	6.9	311.2	
"/4	6.6	311.5	
crk	6.6	311.5	
N	6.6	311.5	

		318.13			
		2+0			
-20			9.4		
N			9.5	308.6	
Crk			9.4	308.7	
"			9.3	308.8	
M			9.3	308.8	
"			9.4	308.7	
Crk			9.4	308.7	
S			9.4	308.7	
+20			9.4		
		2+25			
-20			11.3		
S			11.5	306.6	
Crk			11.5	306.6	
"			11.9	306.2	
M			12.2	305.9	
"			12.4	305.7	
Crk			12.4	305.7	
N			12.7	305.4	
+20			13.5		
T. P.	0.31	305.73	12.71	305.42	

		305.73			
		2+50			
-30			13.4		
N			5.9	299.8	
Crk			5.4	299.3	
"			5.1	300.6	
M			4.6	301.1	
"			4.7	301.0	
Crk			4.3	301.4	
S			4.1	301.6	
+20			3.7		
		2+65 = W.L. 317 ft ST 65' wide			
+20			9.3	296.4	
S			9.5	296.2	
Crk			10.7	295.0	
"			12.0	193.7	
M			12.8	292.9	
"			13.3	192.4	
Crk			12.2	193.5	
N			12.1	293.6	
+30			23.5	282.2	
T. P.	0.22	293.34	12.61	293.12	

293.34

W. Curb

-30			17.3	N 76.0
N			5.1	288.2
Crb			6.0	287.3
"4			6.2	287.1
M			6.9	286.4
"4			6.1	287.2
Crb			5.2	288.1
S			3.1	290.2
+30			0.5	292.8
		W "4		
-30			3.5	289.8
S			10.5	282.8
Crb			11.6	282.7
"4			12.3	281.0
M			12.1	281.2
"4			12.2	281.1
Crb			12.7	280.6
N			11.7	281.6
+40		✓	20.9	72.1
T. P.	1.33	281.83	12.84	280.50

281.83

Center

-50		6.9	274.9
-30		10.8	271.0
N	281.83	5.5	276.3
Crb		4.8	277.0
"4		5.4	276.4
M		5.2	276.6
"4		4.4	277.4
Crb		4.1	277.7
S		4.1	277.7
+30		0.3	281.5
	E "4		
-40		5.1	276.7
S		12.3	269.5
Crb		12.3	269.5
"4		12.2	269.6
M		11.7	270.1
"4		11.2	270.6
Crb		9.7	272.1
N		9.9	272.4
+30		10.1	271.7
+30		4.3	277.5

		281.83		
		E. Curb		
−20			11.8	270.0
−40			3.7	278.1
N			11.0	270.8
Crb			12.2	269.6
1/4			12.5	269.3
M			14.1	267.7
1/4			13.0	268.8
Crb			13.2	268.6
S			13.8	268.0
+20			15.8	266.0
+40			6.5	275.3
		E.L. 31st St.		
−40			10.9	270.9
−30			15.3	266.5
S			13.6	268.2
Crb			12.8	269.0
1/4			11.8	270.0
M			11.2	270.6
1/4			10.7	271.1
Crb			10.3	271.5
N			9.8	272.0
+30			4.8	277.0
T. P.	12.27	292.77	1.33	280.50

		292.77		
		0+25' E		
−30			6.3	286.4
N			9.1	283.7
Crb			9.3	283.5
1/4			8.5	284.3
M			9.1	283.7
1/4			10.9	281.9
Crb			15.2	277.6
S			19.8	273.0
+50			26.3	266.4
		0+50		
−50			27.4	265.3
S			13.0	279.8
Crb			8.3	284.5
1/4			3.9	288.9
M			0.3	292.5 x
T. P.	12.53	305.01	0.29	292.48
1/4			9.5	295.5
Crb			8.2	296.8
N			8.0	297.0
+20			6.5	298.5

		305.01		
		0+75		
N		2.1	302.9	
crb		3.2	301.8	
"4		4.2	300.8	
M		5.9	299.1	
"4		8.3	296.7	
crb		10.5	294.5	
S		16.3	288.7	
+40		27.8	277.2	
	1+0			
-20		10.8	294.2	
S		7.1	297.9	
crb		5.5	299.5	
"4		3.9	301.1	
M		2.7	302.3	
"4		1.3	303.7	
crb		0.3	304.7	
T. P	4.24	309.22	0.03	309.98
N			4.0	305.2

		309.22		
		1+25		
N			3.4	305.8
crb			3.9	305.3
"4			4.4	304.8
M			5.1	304.1
"4			6.1	303.1
crb			7.0	302.2
S			8.3	300.9
	1+50			
S			7.3	301.9
crb			6.4	302.8
"4			5.5	303.7
M			4.7	304.5
"4			4.0	305.2
crb			3.6	305.6
N			3.3	305.9

309.72

1+75

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

2+00

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

2+25

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

2+65 = W. L. Herman 5+ 65' wide

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

309.22

W. cork

N	6.7	302.5
Cork	7.1	302.1
"	7.9	301.3
N	8.9	300.8
"	8.9	300.4
Cork	9.5	299.7
S	9.8	299.4
W "		
S	10.2	299.0
Cork	9.7	299.5
"	9.0	300.2
N	8.7	300.5
"	8.5	300.7
Cork	7.8	301.4
N	7.4	301.8

center

N	8.4	300.8
Cork	8.8	300.4
"	9.4	299.8
N	9.7	299.5
"	10.0	299.2
Cork	10.3	298.9
S	10.7	298.5
E "		
S	11.2	298.0
Cork	10.8	298.4
"	10.5	298.7
N	10.2	299.0
"	10.0	299.2
Cork	9.6	299.6
N	9.1	300.1

		309.22		
		E. Curb		
N			10.0	299.2
Crb			10.1	299.1
1/4			10.5	298.7
M			10.8	298.4
1/4			11.2	298.0
Crb			11.5	297.7
S			11.9	297.3
		E. L. Herman St.		
S			12.6	296.6
Crb			12.1	297.1
1/4			11.8	297.4
M			11.4	297.8
1/4			11.1	298.1
Crb			10.8	298.4
N			10.6	298.6
T.P.	1.20	297.87	12.55	296.67

		297.87		
		0+25 E		
N		297.87	1.2	296.7
Crb			1.5	296.4
1/4			1.9	296.0
M			2.2	295.7
1/4			2.4	295.5
Crb			2.5	295.4
S			2.6	295.3
		0+50		
S			3.9	294.0
Crb			4.1	293.8
1/4			4.2	293.7
M			4.2	293.7
1/4			4.1	293.8
Crb			3.9	294.0
N			3.6	294.3

		297.87		
		0+75		
N			7.7	290.2
Cab.			8.4	289.5
"			8.2	289.7
M			7.8	290.1
"			8.3	289.6
Cab			8.0	289.9
S			7.8	290.1
		1+00		
S			15.9	282.0
Cab.			16.0	281.9
"			16.5	281.4
M			16.4	281.5
"			16.3	281.6
Cab			16.1	281.8
N			16.1	281.8
T. P.	1.4	286.64	12.37	285.50

				mw
		1+10		
N		286.64	4.7	281.9
Cab			4.9	281.8
"			5.0	281.6
M			5.0	281.6
"			5.1	281.5
Cab			5.4	281.2
S			5.6	281.0
		1+25		
S			10.6	276.0
Cab			12.7	273.9
"			14.3	272.3
M			15.7	270.9
"			15.7	270.9
Cab			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
crb		11.7	264.1
1/4		12.1	263.7
M		12.5	263.3
1/4		12.7	263.1
crb		12.7	263.1
S		12.1	263.7
	1+75		
S		14.7	261.1
crb		14.5	261.3
1/4		15.2	260.6
M		15.1	260.7
1/4		15.5	260.3
crb		14.3	261.5
N		14.0	261.8

	2+0		
N	275.79	6.9	268.9
crb		5.5	270.3
1/4		6.9	268.9
M		9.0	266.8
1/4		11.0	264.8
crb		12.5	263.3
S		13.2	262.6
	2+25		
S		8.8	267.8
crb		6.0	269.8
1/4		3.6	272.2
T.P.	12.81	287.42	1.78	274.61
M		12.2	275.2
1/4		9.1	278.3
crb		8.2	279.2
N		9.0	278.4

		287.42			
		2+50			
N			0.5	286.9	
crb			1.1	286.3	
1/4			2.7	284.7	
M			4.2	283.2	
1/4	POSTED		6.0	281.4	
crb			7.3	280.1	
S			9.4	278.0	
T.P.	8.58	293.95	2.05	285.37	
		2+65 = W.L. 32nd St			
S			8.6	285.4	
crb			6.4	287.6	
1/4			4.1	288.9	
M			2.8	291.2	
1/4			2.3	291.7	
Crb			2.4	291.6	
N			2.73	291.3	hub. N.W. [illegible] Red wood

V-section	Brookes Park Boulevard				Dunkle
To Richmond	" 80' Wide			5/27/09	Shane
B.M. R.R. SPK. S.E. Cor Park Boul & Cypress 302.55					Dizier
B.M.	2.84	305.39			
	W.L. Park Boulevard				
N			9.0	296.4	
Crb			9.5	295.9	
1/4			9.0	296.4	
M	POSTED		8.4	297.0	
1/4			9.0	296.4	
Crb			9.1	296.3	
S			9.5	295.9	
		0+25	W		
S			10.1	295.3	
Crb			9.9	295.5	
1/4			9.5	295.9	
M			9.5	295.9	
1/4			9.8	295.6	
Crb			10.0	295.4	
N			10.0	295.4	

		305.39		
		0+50		
N			10.4	295.0
Crb			9.9	295.5
1/4			9.7	295.7
M			9.5	295.9
1/4			9.6	295.8
Crb			9.9	295.5
S			10.9	294.5
		0+75		
S			10.9	294.5
Crb			10.4	295.0
1/4			10.1	295.3
M			9.9	295.5
1/4			10.0	295.4
Crb			9.9	295.5
N			10.9	294.5

		305.39		
		1+0		
N			11.1	294.3
Crk			11.0	294.4
"4			10.9	294.5
M			10.5	294.6
"4			11.1	294.3
Crk			11.1	294.3
S			10.6	294.8
		1+25		
S			11.6	293.8
Crk			11.9	293.5
"4			11.6	293.8
M			11.6	293.8
"4			11.4	294.0
Crk			11.4	295.0
N			11.5	293.9
T.P.	2.85	297.35	10.89	294.50

		297.35		
		1+50		
N			3.5	293.9
Crk			3.2	294.2
"4			2.7	294.7
M			3.2	294.2
"4			4.2	293.2
Crk			4.2	293.2
S			4.1	293.3
		1+75		
S			4.6	292.8
Crk			4.5	292.9
"4			4.9	292.5
M			4.5	292.9
"4			3.8	293.6
Crk			4.1	293.3
N			4.0	293.4

POSTED

297.35

2+00

N	4.8	292.6
Crk	5.0	292.4
"4	5.2	292.2
M	5.5	291.9
"4	6.6	290.8
Crk	6.6	290.8
S	6.3	291.1

2+75

S	11.1	286.3
Crk	10.3	287.1
"4	9.8	287.6
M	9.0	288.4
"4	8.2	289.2
Crk	7.6	289.8
N	6.9	290.5

297.35

2+50

N	5.9	291.5
Crk	6.1	291.3
"4	6.5	290.9
M	6.7	290.7
"4	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
"4	4.0	293.4
M	4.3	293.1
"4	4.4	293.0
Crk	4.7	292.7
N	4.6	292.8
	4.4	293.0

297.35

3+00

N	4.1	293.3
crk	3.9	293.5
"4	4.3	293.1
M	4.3	293.1
"4	4.3	293.1
crk	3.7	293.7
S	4.0	293.4

3+25

S	5.3	292.1
crk	4.8	292.6
"4	5.0	292.4
M	5.0	292.4
"4	5.2	292.2
crk	4.9	292.5
N	4.7	292.7

297.35

3+50

N	5.4	292.0
crk	5.9	291.5
"4	5.7	291.7
M	5.9	291.5
"4	5.9	291.5
crk	6.2	291.2
S	6.5	290.9

3+75

S	6.7	290.7
crk	6.8	290.6
"4	6.9	290.5
M	6.9	290.5
"4	6.4	291.0
crk	6.2	291.2
N	6.0	291.4

297.35

4+08 75 = E.L. Herbert St 80'

N	6.4	291.0
crb	7.3	290.1
1/4	7.4	290.0
M	7.5	289.9
1/4	7.3	290.1
crb	7.9	289.5
S	8.5	288.9
E. curb		
S	8.6	288.8
crb	8.2	289.2
1/4	7.9	289.5
M	7.8	289.6
1/4	7.7	289.7
crb	7.5	289.9
N	7.3	290.1

297.35

E 1/4

N	6.8	290.6
crb	7.4	290.0
1/4	7.7	289.7
M	7.9	289.5
1/4	7.9	289.5
crb	8.4	289.0
S	8.6	288.8
center		
S	7.4	290.0
crb	7.5	289.9
1/4	7.5	289.9
M	7.2	290.2
1/4	7.2	290.2
crb	6.8	290.6
N	6.8	290.6

297.35

W "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

W. Court

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

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

0+25 W

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

0+50

N		5.6	291.8
Crk		5.9	291.5
"/"		6.2	291.2
M		6.2	291.2
"/"		6.2	291.2
Crk		6.5	290.9
S		6.9	291.0

0+75

S		6.9	290.5
Crk		7.4	290.0
"/"		7.4	290.0
M		6.6	290.8
"/"		6.5	290.9
Crk		6.5	290.9
N		6.0	291.4

297.35

1+0

N		6.4	291.0
Crk		7.0	290.4
"/"		7.0	290.4
M		7.0	290.4
"/"		7.5	289.9
Crk		8.0	289.4
S		8.0	289.4

1+25

S		9.1	289.3
Crk		9.1	288.3
"/"		8.4	289.0
M		7.7	289.7
"/"		7.6	289.8
Crk		7.5	289.9
N		7.0	290.4
T. P.	2.75	292.10	7.50	289.85

292.10

1+50

N	2.6	289.5
Crb	3.2	288.9
"4	3.6	288.5
M	3.5	288.6
"4	3.6	288.5
Crb	4.0	288.1
S	4.5	287.6

1+75

S	5.0	287.1
Crb	4.5	287.6
"4	4.3	287.8
M	4.1	288.0
"4	3.8	288.3
Crb	3.6	288.5
N	3.1	289.0

292.10

2+0 E. L. Albert St 80' wide

N	2.4	289.7
Crb	2.9	289.2
"4	3.1	289.0
M	3.4	288.7
"4	3.8	288.3
Crb	4.0	288.1
S	4.6	287.5

E. Curb

S	4.2	287.9
Crb	3.7	288.4
"4	3.4	288.7
M	3.1	289.0
"4	2.8	289.3
Crb	2.8	289.3
N	2.3	289.8

292.10
E ½

N	2.1	290.0
Curb	2.6	289.5
½	2.9	289.2
M	3.0	289.1
½	3.3	288.8
Curb	3.5	288.6
S	4.0	288.1
Center		
S	3.9	288.2
Curb	3.8	288.3
½	3.5	288.6
M	3.1	289.0
½	2.8	289.3
Curb	2.7	289.4
N	2.3	289.8

292.10
W ½

N	2.2	289.9
Curb	2.7	289.4
½	2.9	289.2
M	3.3	288.8
½	3.7	288.4
Curb	3.8	288.3
S	4.0	288.1
E. Curb		
S	4.5	287.6
Curb	4.3	287.8
½	3.9	288.2
M	3.4	288.7
½	3.3	288.8
Curb	3.2	288.9
N	2.5	289.6

292.10

E. L. Albert St

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

0+25 W

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

292.10

0+50

N	4.7	287.4
Crk	4.9	287.2
"	5.2	286.9
M	5.7	286.4
"	6.2	285.9
Crk	7.0	285.1
S	8.5	283.6

0+75

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

	292.10		
	1+00		
N		5.4	286.7
Crb		6.0	286.1
"A		6.0	286.1
M		6.1	286.0
"A		6.6	285.5
Crb		7.4	284.7
S		8.6	283.5
	1+25		
S		9.6	282.5
Crb		7.6	284.5
"A		6.8	285.3
M		6.3	285.8
"A		5.7	286.4
Crb		5.7	286.4
N		5.5	286.6

	292.10		
	1+50		
N		5.6	286.5
Crb		6.0	286.1
"A		6.4	285.7
M		6.6	285.5
"A		7.2	284.9
Crb		7.6	284.5
S		8.8	283.3
	1+75		
S		11.0	281.1
Crb		8.4	283.7
"A		7.9	284.2
M		7.5	284.6
"A		7.1	285.0
Crb		6.7	285.4
N		6.4	285.7

292.10

7+0

N	7.1	285.0
Crb	7.7	284.4
1/4	8.3	283.8
M	9.0	283.1
1/4	13.1	279.0
Crb	14.7	277.4
S	17.9	274.2

7+25

S	22.4	269.7
Crb	17.1	275.0
1/4	13.4	278.7
M	9.9	282.2
1/4	8.5	283.6
Crb	8.0	284.1
N	7.6	284.5

292.10

7+50 - E.L. Richmond St.

N	7.9	284.2
Crb	8.3	283.8
1/4	8.4	283.7
M	9.3	282.8
1/4	10.5	281.6
Crb	14.1	278.0
S	18.7	273.4

POSTED

x-section Juniper W.L. 30th St 5/28/09 Dunkle
To Point 100' W. of Bean St Shaw
Juniper 80' wide. Dizell

B.M. brass Plg. mon. cor 30th & Juniper				285.73	
B.M.	7.31	293.04			
	W.L. 30th St				
N			3.4	289.6	
Crb	POSTED		3.6	289.4	
1/4			4.0	289.0	
M			3.9	289.1	
1/4			4.0	289.0	
crb			4.3	288.7	
S			3.9	289.1	
		0+25	W		
S			4.1	288.9	
crb			4.6	288.4	
1/4			4.4	288.6	
M			4.3	288.7	
1/4			4.1	288.9	
crb			4.1	288.9	
N			3.6	289.4	

		293.04		
		0+50		
N			3.6	289.4
Crb			3.7	289.3
1/4			4.1	288.9
M			4.2	288.8
1/4			4.3	288.7
Crb			4.6	288.4
S			4.4	288.6
		0+75		
S			4.3	288.7
Crb			4.4	288.6
1/4			4.2	288.8
M			4.2	288.8
1/4			4.0	289.0
Crb			3.9	289.1
N			3.4	289.6

293.04

1+00

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

1+25

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

293.04

1+50

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

1+75

S	4.1	288.9
Crk	4.3	288.7
"A	4.3	288.7
M	4.0	289.0
"A	3.8	289.2
Crk	3.3	289.7
N	3.1	289.9

293.04

E?

2+0 = E.L. D&C 80' wide

N	3.4	289.6
Crb	3.7	289.3
1/4	4.0	289.0
M	4.3	288.7
1/4	4.6	288.4
Crb	4.7	288.3
S	4.6	288.4

E curb

S	5.0	288.0
Crb	5.2	287.8
1/4	4.7	288.3
M	4.4	288.6
1/4	4.2	288.8
Crb	4.1	288.9
N	3.7	289.3

293.04

E 1/4

N	3.7	289.3
Crb	4.2	288.8
1/4	4.4	288.6
M	4.6	288.4
1/4	4.8	288.2
Crb	5.3	287.7
S	5.6	287.4

Center

S	5.1	287.9
Crb	4.8	288.2
1/4	4.6	288.4
M	4.6	288.4
1/4	4.5	288.5
Crb	4.1	288.9
N	4.0	289.0

293.04

W 1/4

N	4.0	289.0
crk	4.4	288.6
1/4	4.7	288.3
M	4.9	288.1
1/4	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
1/4	5.4	287.6
M	5.1	287.9
1/4	5.0	288.0
crk	4.9	288.1
N	4.3	288.7

293.04

W.L. Dale St

N	4.7	288.3
Crk	5.0	288.0
1/4	5.3	287.7
M	5.6	287.4
1/4	5.8	287.2
crk	5.8	287.2
S	5.9	287.1

0+25 W

S	6.6	286.4
crk	6.8	286.2
1/4	6.5	286.5
M	6.4	286.6
1/4	6.0	287.0
crk	5.9	287.1
N	5.1	287.9

		293.04		
		0+50		
N			6.7	286.3
Crk			7.2	285.8
1/4			7.5	285.5
M			7.9	285.1
1/4			7.7	285.3
Crk			7.8	285.2
S			8.0	285.0
		0+75		
S			9.4	283.6
Crk			9.2	283.8
1/4			9.0	284.0
M			9.1	283.9
1/4			8.4	284.6
Crk			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
Crk			1.1	283.3
1/4			1.3	283.1
M			1.6	282.8
1/4			1.9	282.5
Crk			1.9	282.5
S			2.3	282.1
		1+25		
S			4.2	280.2
Crk			3.6	280.8
1/4			3.2	281.2
M			2.6	281.8
1/4			2.6	281.8
Crk			2.2	282.2
N			1.7	282.7

	284.38		
	1+50		
N	3.6	280.8	
Calc	4.0	280.4	
"H	4.4	280.0	
M	5.0	279.4	
"H	5.6	278.8	
Calc	6.3	278.1	
S	7.2	277.2	
	1+74.5 = E.L. 29th St on North, See plot P37		
S	11.3	273.1	
Calc	10.0	274.4	
"H	9.1	275.3	
M	8.4	276.0	
"H	7.7	276.7	
Calc	7.3	277.1	
N	6.3	278.1	

	284.38		
	2+0 = E.L. 29th on S.L. Juniper See Plot P37		
N	8.7	275.7	
Calc	9.5	274.9	
"H	9.9	274.5	
M	10.7	273.7	
"H	11.9	272.5	
Calc	13.2	271.2	
S	14.4	270.0	
	2+20		
S	16.7	267.7	
Calc	15.3	269.1	
"H	14.6	269.8	
M	13.1	271.3	
"H	12.3	272.1	
Calc	11.5	272.9	
N	10.9	273.5	
T.P.	0.19	271.89	12.68	271.70

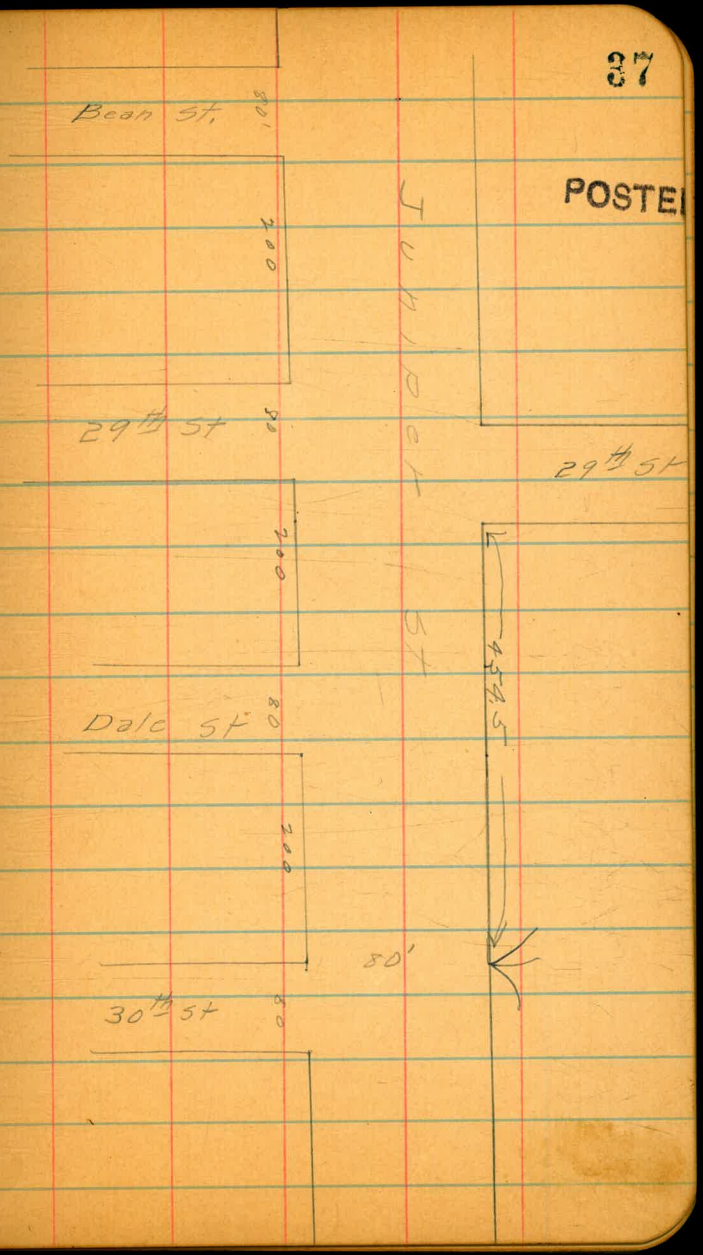
271.89

2+40

N	0.1	271.8
Cable	0.7	271.2
"9	1.4	270.5
M	2.1	269.8
"4	3.2	268.7
Cable	4.2	267.7
S	6.2	265.7

2+59 = W.L. 29th on North.

S	6.7	265.2
Cable	5.2	266.7
"3	3.8	268.1
M	3.0	268.9
"4	2.3	269.6
Cable	1.7	270.2
N	0.9	271.0



271.89

2+80 = W.L. 29th St. on S.L. Juniper

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

0+25 W. of W.L. 29th St on South

S		14.9	257.5
Cole		11.4	260.5
"4		9.6	262.3
M		8.0	263.9
"4		6.8	265.1
Cole		5.8	266.1
N		4.7	267.2

271.89

0+50

N		6.2	265.7
Cole		7.3	264.6
"4		9.0	262.9
M		10.6	261.3
"4		12.6	259.3
Cole		14.4	257.5
S		17.9	254.0
T.P.	6.55	266.19	259.64

0+75

S		14.5	251.7
Cole		10.7	255.5
"4		8.0	258.2
M		6.1	260.1 ~~265.8~~
"4		4.7	262.0 ~~267.8~~
Cole		2.9	263.8 ~~269.5~~
N		1.3	264.9 ~~270.6~~

266.19

1+00

N		2.1	264.1
crb		3.8	262.4
1/4		5.2	261.0
M		7.6	258.6
1/4		9.6	256.6
crb		12.7	253.5
S		17.1	249.1

1+25

S		18.7	247.5
crb		14.2	252.0
1/4		11.0	255.2
M		8.7	257.5
1/4		6.9	259.3
crb		5.2	261.0
N		4.0	262.2

266.19

1+50

N		6.6	259.6
crb		7.8	258.4
1/4		9.0	257.2
M		10.7	255.5
1/4		12.7	253.5
crb		15.3	250.9
S		19.9	246.3

1+75

S		20.9	245.3
crb		17.4	248.8
1/4		15.0	251.2
M		13.5	252.7
1/4		12.0	254.2
crb		10.8	255.4
N		10.0	256.2
T.P.	1.70	255.10	12.79	253.40

255.10

2+00 = E.L. Bean St 80' wide

N	3.1	252.0
Crb	4.0	251.1
¼	4.7	250.4
M	5.6	249.5
¼	6.7	248.4
Crb	8.2	246.9
S	10.7	244.4
E. Curb		
S	12.0	243.1
Crb	9.4	245.7
¼	8.3	256.8
M	7.4	247.7
¼	6.6	248.5
Crb	5.8	249.3
N	5.1	250.0

255.10

E ¼

N	7.0	248.1
Crb	7.6	247.5
¼	8.5	246.6
M	9.4	245.7
¼	10.3	244.8
Crb	11.4	243.7
S	13.2	241.9
Center		
S	14.3	240.8
Crb	12.5	242.6
¼	11.7	243.4
M	10.7	244.4
¼	9.8	245.3
Crb	9.1	246.0
N	8.7	246.4

POSTED 40

255.10

W ¼

N		10.4	244.7
Curb		10.9	244.2
¼		11.5	243.6
M		12.1	243.0
¼		12.7	242.4
Curb		13.7	241.4
S		15.0	240.1

W, Curb

S		16.2	238.9
Curb		15.0	240.1
¼		14.3	240.8
M		13.7	241.4
¼		12.9	242.2
Curb		12.4	242.7
N		11.9	243.2
T. P.	2.30	244.67	12.73	242.37

244.67

W. L. Beaver St

N	3.0	241.7
Curb	3.7	241.0
¼	4.2	240.5
M	4.6	240.1
¼	5.2	239.5
Curb	5.7	239.0
S	6.8	237.9

0+25 W

S	9.1	235.6
Curb	8.6	236.1
¼	8.0	236.7
M	7.4	237.3
¼	6.8	237.9
Curb	6.4	238.3
N	6.2	238.5

		244.67		
		0+50		
N			9.7	235.0
Crk			10.0	234.7
"			10.4	234.3
M			10.8	233.9
"			11.1	233.6
Crk			11.5	233.2
S			11.8	232.9
T. P.	5.10	237.67	12.10	232.57
		0+75		
S			8.4	229.3
Crk			8.3	229.4
"			8.0	229.7
M			7.6	230.1
"			7.2	230.5
Crk			7.1	230.6
N			7.3	230.4

		237.67		
		1+0		
N			12.1	225.6
Crk			12.1	225.6
"			12.7	225.0
M			13.1	224.6
"			13.2	224.5
Crk			13.6	224.1
S			13.9	224.3

POSTED

X-section Utah St. University To 6/10/09 Dunkle
Upas. " 80 wide Shaw
B.M. R.R. SPK N.W. University & Utah 350.33 Dezill

B.M.	0.80	351.13			
	S.L. University				
W			2.9	348.2	
Crb			3.3	347.8	
"4			2.7	348.4	
M			2.5	348.6	
"4			2.7	348.4	
Crb			2.4	348.7	
E			2.4	348.7	
	0+25 E				
E			2.8	348.3	
Crb			3.5	347.6	
"4			2.9	348.2	
M			2.5	348.6	
"4			2.8	348.3	
Crb			2.7	348.4	
W			3.2	347.9	

POSTED

		0+50			
W			3.2	347.9	
Crb			3.2	347.9	
"4			3.8	347.3	
M			2.8	348.3	
"4			3.5	347.6	
Crb			3.8	347.3	
E			3.5	347.6	
		0+75			
E			3.9	347.2	
Crb			3.9	347.2	
"4			3.9	347.2	
M			4.3	346.8	
"4			3.6	347.5	
Crb			3.9	347.2	
W			3.4	347.7	

POSTED

35+13

1+00

W	3.7	347.4
Crb	3.9	347.2
"4	3.4	347.7
M	3.8	347.3
"4	3.5	347.6
Crb	4.0	347.1
E	4.3	346.8

1+25

E	4.3	346.8
Crb	4.5	346.6
"4	4.2	346.9
M	4.2	346.9
"4	4.5	346.6
Crb	4.6	346.5
W	4.2	346.9

1+50

W	4.6	346.5
Crb	5.0	346.1
"4	4.7	346.4
M	4.6	346.5
"4	3.4	347.7
Crb	3.9	347.2
E	4.9	346.2

1+75

E	4.7	346.4
Crb	4.7	346.4
"4	4.8	346.3
M	5.0	346.1
"4	4.4	346.7
Crb	4.3	346.8
W	4.5	346.6

351.13

2+00

W	4.8	346.3
Crb	4.9	346.2
"9	5.3	345.8
M	5.0	346.1
"9	5.0	346.0
Crb	4.7	346.9
E	3.6	347.5

2+25

E	5.1	346.0
Crb	4.9	346.2
"9	5.1	346.0
M	4.5	346.6
"9	4.4	346.7
Crb	4.4	346.7
W	5.2	345.9

351.13

2+50

W	5.2	345.9
Crb	5.4	345.7
"9	4.9	346.2
M	5.0	346.1
"9	4.9	346.2
Crb	5.3	345.8
E	5.0	346.1

2+75

E	5.5	345.6
Crb	5.6	345.5
"9	5.4	345.7
M	5.4	345.7
"9	5.5	345.6
Crb	6.0	345.1
W	5.3	345.8

351.13

3+0 = N.L. Wightman so wide

W		5.0	346.1
crb		5.5	345.6
1/4		5.9	345.2
M		5.6	345.5
1/4		5.1	346.0
Crb		5.5	345.6
E		5.1	346.0

N. Curb

E		5.5	345.6
crb		5.7	345.4
1/4		4.8	346.3
M		4.9	346.2
1/4		5.7	345.4
Crb		5.8	345.3
W		6.6	344.5

351.13

N. 1/4

W		6.3	344.8
crb		6.3	344.8
1/4		6.4	344.7
M		5.9	345.2
1/4		5.4	345.7
Crb		5.6	345.5
E		5.2	345.9

Center

E		5.6	345.5
crb		6.1	345.0
1/4		6.0	345.1
M		6.0	345.1
1/4		5.9	345.2
Crb		5.4	345.7
W		6.4	344.7

351.13

5 1/4

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

S crb

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

S. L. Wightman

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

0725 5

E	5.1	346.0
crb	5.7	345.4
1/4	6.5	344.6
M	5.8	345.3
1/4	6.0	345.1
crb	5.9	345.2
W	5.6	345.5

35/1.12

0750

W	6.3	344.8
crb	6.9	345.2
1/4	6.8	346.3
M	6.7	344.4
1/4	5.3	345.8
crb	5.8	345.3
E	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

1750

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	344.5
E	6.4	344.7

POSTED

1725

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

351.13

1750

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

1775

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

2700

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

2725

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

351.3

2+50

W			7.0	344.1
crb			7.6	343.5
℄			8.2	342.9
M			7.7	343.4
℄			8.1	343.0
crb			8.0	343.1
E			7.9	343.2

2+75

TP	2.91	346.43	7.61	343.57
E			2.1	344.3
crb			2.5	343.9
℄			2.7	343.7
M			2.3	344.1
℄			3.2	343.2
crb			3.2	343.2
W			3.1	343.3

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

W		346.43	3.2	343.2
crb			3.3	343.1
℄			3.5	342.9
M			3.4	343.0
℄			2.9	343.5
crb			3.6	342.8
E			8.4	343.0

N. curb

E			3.8	342.6
crb			3.8	342.6
℄			3.9	342.5
M			2.9	343.5
℄			3.4	343.0
crb			3.5	342.9
W			3.5	342.9

346 43

N-1/4

W	3.8	342.6
crb	3.5	342.9
1/4	3.4	343.0
M	2.7	343.7
1/4	4.0	342.4
crb	3.8	342.6
E	2.6	343.8

M.

E	2.3	344.1
crb	3.7	342.7
1/4	3.8	342.6
M	4.1	342.3
1/4	3.8	342.6
crb	3.4	343.0
W	4.0	342.4

S-1/4

W	4.2	342.2
crb	3.7	342.7
1/4	2.7	343.7
M	3.2	343.2
1/4	3.8	342.6
crb	4.0	342.4
E	3.0	343.4

S. crb

E	4.4	342.0
crb	3.1	343.3
1/4	3.5	342.9
M	3.0	343.4
1/4	2.6	343.8
crb	3.9	342.5
W	4.2	342.2

346.43

S. Line Gunn

W		3.2	343.2
crb		3.8	342.6
1/4		4.5	341.9
M		4.4	342.0
1/4		4.3	342.1
crb		3.8	342.6
E		4.4	342.0
	0725		
E		4.9	341.5
crb		3.6	342.8
1/4		4.5	341.9
M		4.4	342.0
1/4		4.2	342.2
crb		3.9	342.5
W		4.6	341.8

	0750		
W	346.43	4.3	342.1
crb.		4.5	341.9
1/4		3.9	342.5
M		3.9	342.5
1/4		4.9	341.5
crb		5.0	341.4
E		4.9	341.5
	0775		
E		5.3	341.1
crb		5.0	341.4
1/4		5.1	341.3
M		3.9	342.5
1/4		3.8	342.6
crb		4.5	341.9
W		4.3	342.1

346.43

0+00

W	4.4	342.0
crb	4.6	341.8
℄	4.3	342.1
M	3.9	342.5
℄	4.1	342.3
crb	3.8	342.6
E	5.0	341.4

1+25

E	5.4	341.0
crb	4.9	341.5
℄	5.1	341.3
M	4.5	341.9
℄	4.2	342.2
crb	4.4	342.0
W	4.0	342.4

1+50

W	4.3	342.1
crb	5.0	341.4
℄	5.1	341.3
M	5.4	341.0
℄	5.4	341.0
crb	5.1	341.3
E	5.0	341.4

1+75

E	5.6	340.8
crb	5.1	341.3
℄	4.6	341.8
M	4.4	342.0
℄	5.2	341.2
crb	4.8	341.6
W	4.4	342.0

346.43

2+00

W	4.7	341.7
crb	4.8	341.6
¼	5.4	341.0
M	5.4	341.0
¼	4.6	341.8
crb	4.5	341.9
E	5.3	341.1

2+25

E	6.3	340.1
crb	5.9	340.5
¼	6.1	340.3
M	5.8	340.6
¼	5.7	340.7
crb	5.3	341.1
W	4.9	341.5

2+50

W	5.5	340.9
crb	5.6	341.8
¼	6.0	340.4
M	5.5	340.9
¼	5.3	341.1
crb	5.9	340.2
E	6.6	389.8

2+75

E	6.7	339.7
crb	6.4	340.0
¼	5.8	340.6
M	6.2	340.2
¼	5.6	340.8
crb	5.7	340.7
W	5.4	341.0

346.43

340 = N. L. Landis 80' wide

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

N. crb

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

N. 1/4

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

Center

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

346.43

S-114

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

S. Crb

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

S. Line Landes

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

0+25

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

346.43

0+50

W		6.4	340.0
crb		7.3	339.1
1/4		7.3	339.1
M		6.7	339.7
1/4		6.6	339.8
crb.		7.9	338.5
E		7.9	338.5

0+75

E		8.4	338.0
crb		8.3	338.1
1/4		7.9	338.5
M		8.2	338.2
1/4		7.6	338.8
crb		7.2	339.2
W		6.8	339.6
T.P			

1+0

W		7.2	339.2
crb		7.9	338.5
1/4		7.9	338.5
M		7.4	339.0
1/4		8.2	338.2
crb		8.1	338.3
E		7.6	338.8

1+25

E		8.7	337.7
crb		8.8	337.6
1/4		9.1	337.3
M		8.4	338.0
1/4		8.3	338.1
crb		8.3	338.1
W		7.6	338.8
T.P	4.11	343.01	7.53	338.90

343.01

1+50

W	4.4	338.6
Crb	4.9	338.1
"/g	4.9	338.1
M	5.1	337.9
"/g	5.4	337.6
Crb	5.6	337.4
E	5.1	337.9

1+75

E	4.6	338.4
Crb	5.2	337.8
"/g	4.9	338.1
M	4.4	338.6
"/g	5.1	337.9
Crb	5.1	337.9
W	4.6	338.4

2+0

W	4.5	338.5
Crb	5.0	338.0
"/g	5.1	337.9
M	5.5	337.5
"/g	5.5	337.5
Crb	6.1	336.9
E	5.5	337.5

POSTED

2+25

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

343.01

2+50

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

2+75

E	4.3	338.7
Crb	5.8	337.2
"A	6.1	336.9
M	5.8	337.2
"A	5.4	337.6
Crb	5.4	337.6
W	4.7	338.3

340 = N.L. Dwight St 80' wide

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

N. Curb

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

343.01

N ¼

W		5.1	337.9
Crk		5.6	337.7
¼		5.5	337.5
M		5.5	337.5
¼		5.4	337.6
Crk		5.7	337.3
E		4.9	338.1
Center			
E		6.0	337.0
Crk		6.4	336.6
¼		5.7	337.3
M		6.0	337.0
¼		6.5	336.5
Crk		5.3	337.7
W		5.3	337.7

S ¼

W		5.0	338.0
Crk		5.4	337.6
¼		6.2	336.8
M		6.5	336.5
¼		6.6	336.4
Crk		7.1	335.9
E		7.0	336.0
S. Curb			
E		7.1	335.9
Crk		6.8	336.2
¼		6.7	336.3
M		5.7	337.3
¼		6.4	336.6
Crk		6.1	336.9
W		5.6	337.4
T.B	4.99	342.21	5.79 337.22

342.21

S.L. Dwight St

W	5.4	336.8
Crk	6.1	336.1
"4	6.1	336.1
M	5.3	336.9
"4	6.0	336.2
Crk	6.4	335.8
E	6.3	335.9
0+25 S		
E	6.3	335.9
Crk	6.0	336.2
"4	6.3	335.9
M	4.8	337.4
"4	4.5	3377
Crk	5.2	337.0
W	5.4	336.8

POSTED 61

0+50

342.21 W	5.2	337.0
Crk	5.7	336.5
"4	6.7	335.5
M	6.8	335.4
"4	6.8	335.4
Crk	6.5	335.7
E	5.4	336.8
0+75		
E	6.4	335.3
Crk	6.5	335.7
"4	5.8	336.4
M	5.8	336.4
"4	6.6	335.6
Crk	6.5	335.7
W	6.0	336.2

342.21

1+00

W		6.2	336.0
Crk		6.8	335.2
"9		7.0	335.2
M		6.7	335.5
"9		6.1	335.1
Crk		6.9	335.3
E		6.5	335.7

1+25

E		7.1	335.1
Crk		6.9	335.3
"9		6.6	335.6
M		7.0	335.2
"9		5.8	336.4
Crk		4.8	337.4
W		6.0	336.2

1+50

W		6.7	335.5
Crk		7.0	335.2
"9		7.2	335.0
M		7.2	335.0
"9		7.3	334.9
Crk		7.7	334.5
E		7.6	334.6

1+75

E		8.1	334.1
Crk		7.3	334.9
"9		6.0	336.2
M		5.6	336.6
"9		7.2	335.0
Crk		6.8	335.4
W		7.0	335.2

	303.21		
	270		
W		7.0	335.2
Crk		7.1	335.1
11		6.6	335.6
M		7.0	335.2
11		7.4	334.8
Crk		7.6	334.6
E		8.9	333.8
	2+25		
E		7.7	334.5
Crk		6.9	335.3
11		7.1	335.1
M		6.3	335.9
11		6.2	336.0
Crk		6.7	335.5
W		6.8	335.4

	2+35		
W		6.8	335.4
Crk		7.0	335.2
11		6.6	335.6
M		5.6	336.6
11		5.8	336.4
Crk		6.3	335.9
E		7.8	334.4
	2+75		
E		8.0	334.2
Crk		7.7	335.0
11		6.6	335.6
M		6.7	335.5
11		7.1	335.1
Crk		7.0	335.2
W		6.6	335.6

342.21

340+N.L. Capps St 80' Wide

W	6.6	337.6
Crb	6.3	335.9
1/4	6.4	335.8
M	6.3	335.9
1/4	6.2	336.0
Crb	7.1	335.1
E	7.9	334.3

N Curb

E	7.8	334.4
Crb	6.8	335.4
1/4	6.4	335.8
M	7.2	335.0
1/4	7.0	335.2
Crb	7.0	335.2
W	7.1	335.1

N 1/4

W	7.0	335.2
Crb	7.0	335.2
1/4	7.5	334.7
M	7.1	335.1
1/4	6.3	335.9
Crb	6.0	336.2
E	7.6	334.6

Center

E	7.8	334.4
Crb	6.4	335.8
1/4	6.3	335.9
M	7.1	335.1
1/4	6.9	335.3
Crb	5.8	336.4
W	6.1	336.1

342.21

5 1/4

W	6.8	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

S. L. Capps.

W	6.8	335.4
Crk	7.7	334.5
1/4	7.5	334.7
M	7.2	335.0
1/4	7.6	334.6
Crk	7.4	334.8
E	7.5	334.7

0+25.5

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

POSTED

342.21

	0+50		
W		8.1	334.1
Crk		8.2	334.2
"/4		8.0	334.2
M		7.8	3344
"/4		7.0	335.2
Crk		6.7	335.5
E		7.8	334.4
	0+75		
E		7.9	334.3
Crk		7.8	334.4
"/4		7.8	334.4
M		8.1	334.1
"/4		8.0	334.2
Crk		8.0	334.2
W		8.2	334.0

	1+0		
W		8.1	334.1
Crk		7.7	3345
"/4		7.9	334.3
M		8.1	334.1
"/4		7.8	334.4
Crk		7.2	335.0
E		7.4	334.8
	1+25		
E		7.5	334.7
Crk		7.5	334.7
"/4		7.8	334.4
M		7.9	334.3
"/4		7.7	334.5
Crk		7.5	334.7
W		7.7	334.5

342.21

1+50

W		7.9	334.3
Crb		7.6	334.6
"4		7.6	334.6
M		7.9	334.3
"4		8.1	334.1
Crb		7.8	334.4
E		7.5	334.4

1+75

E		7.3	334.9
Crb		7.6	334.6
"4		7.3	334.9
M		6.9	335.3
"4		7.8	334.4
Crb		8.0	334.2
W		7.8	334.4

2+0

W		7.8	334.4
Crb		7.1	335.1
"4		7.0	335.2
M		7.7	334.5
"4		7.9	334.3
Crb		8.1	334.1
E		7.3	334.9

2+25

E		7.5	334.7
Crb		7.3	334.9
"4		7.0	335.2
M		7.1	335.1
"4		7.6	334.6
Crb		7.4	334.8
W		7.4	334.8
T.P.	458	33947	7.32	334.89

339.47

2+50

W	4.5	337.0
Crb	4.0	337.5
½	4.4	337.1
M	4.6	336.9
½	4.8	336.7
Crb	4.4	337.1
E	4.5	337.0

2+75

E	4.5	337.0
Crb	4.6	336.9
½	4.6	336.9
M	4.3	337.2
½	4.7	336.8
Crb	4.7	336.8
W	4.9	336.6

340 = N.L. Myrtle 80' wide

W	3.5	338.0
Crb	3.4	338.1
½	4.6	336.9
M	4.5	337.0
½	4.4	337.1
Crb	4.6	336.9
E	3.9	337.6

N. Curb

E	3.9	337.6
Crb	4.7	336.8
½	4.4	337.1
M	4.2	337.3
½	4.8	336.7
Crb	4.5	337.0
W	4.4	337.1

339.47

N ½

W		4.4	335.1
Crb		4.7	334.8
½		5.1	334.4
M		4.7	334.8
½		4.7	334.8
Crb		4.6	334.9
E		3.5	336.0

Center

E		4.5	335.0
Crb		5.0	334.5
½		5.0	334.5
M		4.6	334.9
½		4.8	334.7
Crb		4.9	335.2
W		3.8	335.7

S ½

W	339.47	5.2	334.3
Crb		5.3	334.2
½		4.9	334.6
M		4.8	335.1
½		4.9	334.6
Crb		5.2	334.3
E		4.9	334.6

S. Curb

E		5.1	334.4
Crb		5.3	334.2
½		5.3	334.2
M		5.3	334.2
½		5.7	333.8
Crb		5.5	334.0
W		5.9	333.6

339.47

S. L. Myrtle

W	5.3	334.2
Crk	5.2	334.3
"4	5.5	334.0
M	5.2	334.3
"4	5.3	334.2
Crk	5.3	334.2
E	5.1	334.4
0+25		
E	4.8	334.7
Crk	5.4	334.1
"4	5.4	334.1
M	5.5	334.0
"4	5.8	333.7
Crk	5.5	334.0
W	5.5	334.0

0+50		
W	4.9	334.6
Crk	5.5	334.0
"4	5.9	333.6
M	6.1	333.4
"4	5.7	333.8
Crk	5.6	333.9
E	5.0	334.√
0+75		
E	5.6	333.9
Crk	6.0	333.√
"4	6.1	333.4
M	5.8	333.7
"4	5.8	333.7
Crk	6.2	333.3
W	6.6	332.9

339.47

1+00

W	6.0	333.5
Crk	6.0	333.5
¼	5.0	334.5
M	5.2	334.3
¼	6.4	333.1
Crk	6.4	333.1
E	6.7	332.8

1+25

E	5.9	333.6
Crk	6.7	332.8
¼	6.7	332.8
M	6.6	332.9
¼	6.4	333.1
Crk	6.8	332.7
W	7.1	332.4

1+50

W	339.47	6.6	332.9
Crk		7.1	332.4
¼		7.0	332.5
M		6.8	332.7
¼		7.0	332.5
Crk		7.0	332.5
E		6.4	333.1

1+75

E	7.0	332.5
Crk	7.1	332.4
¼	7.2	332.3
M	6.7	332.8
¼	7.3	332.2
Crk	7.1	332.4
W	6.5	333.0

339.47

2+00

W	6.9	332.6
Crk	7.4	332.1
1/4	6.8	332.7
M	7.4	332.1
1/4	7.5	332.0
Crk	7.4	332.1
E	7.3	332.2

2+25

E	7.6	331.9
Crk	7.7	331.8
1/4	7.7	331.8
M	7.8	332.0
1/4	7.6	331.9
Crk	8.1	331.4
W	8.5	331.0

2+50

W	8.5	331.0
Crk	7.2	332.3
1/4	7.7	331.8
M	7.8	331.7
1/4	8.0	331.5
Crk	7.9	331.6
E	7.7	331.8

2+75

E	8.0	331.5
Crk	8.1	331.4
1/4	8.1	331.4
M	8.3	331.2
1/4	8.5	331.0
Crk	8.7	330.8
W	8.6	330.9

339.47

3+0 = N.L. UP 25 St

W	7.5	332.0
Crk	7.8	331.7
"	8.3	331.2
N	8.1	331.4
"	8.3	331.2
Crk	8.3	331.2
E	7.7	331.8

POSTED

85.16
78.70
6.46
6.96
7.46

85.16
77.10
7.46

#400

77.2
78.2

74.0 53'

80.05
5.11
85.16

104)10000(95-7
936
600
520
80.0

76
54
384
480
52

78.2
79.0

78.20
52
77.68

85.16
79.00
6.16

85.16
77.20
7.96

77.7
78.7

79.2

85.16
7.56
77.60

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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		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		