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

489

400

LEVEL

F.B. 489

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

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Table showing the difference of latitude and depar
running 80 chains at any course from 1 to 60 min

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.
1	2⅓	21	49	41
2	4⅔	22	51⅓	42
3	7	23	53⅔	43
4	9⅓	24	56	44
5	11⅔	25	58⅓	45
6	14	26	60⅔	46
7	16⅓	27	63	47
8	18⅔	28	65⅓	48
9	21	29	67⅔	49
10	23⅓	30	70	50
11	25⅔	31	72⅓	51
12	28	32	74⅔	52
13	30⅓	33	77	53
14	32⅔	34	79⅓	54
15	35	35	81⅔	55
16	37⅓	36	84	56
17	39⅔	37	86⅓	57
18	42	38	88⅔	58
19	44⅓	39	91	59
20	46⅔	40	93⅓	60

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TABLE FOR RUNNING ON SLOPES

In the following table the first column shows the angle, the s
number of links to be added to a chain on the slopes, to
chain, horizontal measurement.

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE
°		°		°		°
4	0.24	11	1.88	18	5.14	25
5	0.38	12	2.24	19	5.76	26
6	0.55	13	2.63	20	6.42	27
7	0.76	14	3.06	21	7.11	28
8	0.98	15	3.53	22	7.85	29
9	1.24	16	4.02	23	8.64	30
10	1.55	17	4.56	24	9.47	35

3605
17
3734

1.737
14
6948
1737
24318
246
489

65000 | 374
374
2760
2618
1420
1996
1122
2950

1.737
.434
5117
51.604
434
52.038
52.472
52.906
53.340
53.774
54.208
54.642
55.076
55.510
55.944
56.378
56.812
57.246

*section Artic st "D" to "H"
" 75' wide

11/20/09 Dunkle
Shane

B.M. S.E. brass plg "D" & Artic			10.50	Dezel
B.M.	3.63	14.13		

Note – No curb or side walk on W. side of st from "D" to "H" st.

S.L. "D" st

E. curb	3.6	10.5
gutter	4.1	10.0
1/4	4.1	10.0
+ 3.3' = 2' E. of E rail E. track	4.0	10.1
+ 5.3' = E. rail of E "	4.0	10.1
center	3.9	10.2
+ 7.5 = w. rail of w. track	3.9	10.2
+ 9.5 = 2' w of w. rail w. track	4.0	10.1
1/4	4.3	9.8
gtr	5.1	9.0
crb	4.5	9.6
W.L.	4.4	9.7

POSTED

14.13

0+25 S of "D"

W.L.	4.4	9.7
crb	4.7	9.4
gtr	5.1	9.0
1/4	4.8	9.3
+ 3.3	4.6	9.5
+ 5.3	4.4	9.7
M	4.5	9.6
+ 7.5	4.5	9.6
+ 9.5	4.6	9.5
1/4	4.6	9.5
gtr	4.9	9.2
E. crb	3.9	10.2

0+50

E. crb	4.1	10.0
gtr	5.1	9.0
1/4	5.1	9.0
+ 3.3	4.9	9.2
+ 5.3	4.6	9.5
M	4.8	9.3
+ 7.5	4.6	9.5
+ 9.5	4.8	9.3
1/4	4.9	9.2
gtr	5.3	8.8
crb	4.9	9.2
W.L	4.4	9.7

14.13

0+7.5

W.L.	4.7	9.4
crb	5.0	9.1
gte	5.4	8.7
"	5.1	9.0
+3.3	5.1	9.0
+5.3	4.9	9.2
M	5.0	9.1
+7.5	4.9	9.2
+9.5	5.1	9.0
"	5.4	8.7
gte	5.1	9.0
E.crb	4.9	9.7

1+0

E.crb	4.7	9.4
gte	5.4	8.7
"	5.5	8.6
+3.3	5.3	8.8
+5.3	5.2	8.9
M	5.3	5.8
+7.5	5.2	8.9
+9.5	5.4	8.7
"	5.4	8.7
gte	5.7	8.4
crb	5.5	8.6
W.L.	5.0	9.1

14.13

1+2.5

W.L.	5.4	8.7
crb	5.4	8.7
gte	5.4	8.7
"	5.6	8.5
+3.3	5.6	8.5
+5.3	5.4	8.7
M	5.5	8.6
+7.5	5.4	8.7
+9.5	5.6	8.5
"	5.6	8.5
gte	5.9	8.2
E.crb	5.0	9.1

1+5.0

E.crb	5.2	8.9
gte	6.0	8.1
"	5.9	8.2
+3.3	5.8	8.3
+5.3	5.7	8.4
M	5.8	8.3
+7.5	5.7	8.4
+9.5	5.8	8.3
"	5.8	8.3
gte	6.3	7.8
crb	6.0	8.1
W.L.	5.8	8.3

14.13

1+75

W.L.	5.7	8.4
crb	6.2	7.9
gte	6.5	7.6
"4	6.0	8.1
+3.3	6.0	8.1
+5.3	5.9	8.2
M	6.0	8.1
+7.5	5.9	8.2
+9.5	6.0	8.1
"4	6.1	8.0
gte.	6.0	8.1
E.crb	5.4	8.7

2+0

E.crb	5.7	8.4
gte	6.2	7.9
"4	6.4	7.7
+3.3	6.2	7.9
+5.3	6.1	8.0
M	6.3	7.8
+7.5	6.1	8.0
+9.5	6.2	7.9
"4	6.1	8.0
gte	6.8	7.3
crb	6.3	7.8
W.L.	6.0	8.1

14.13

2+25

W.L.	6.2	7.9
crb	6.5	7.6
gte	6.4	7.2
"4	6.3	7.8
+3.3	6.4	7.7
+5.3	6.2	7.9
M	6.4	7.7
+7.5	6.3	7.8
+9.5	6.4	7.7
"4	6.3	7.8
gte	6.6	7.5
E.crb	5.9	8.2

2+50

E.crb	6.1	8.0
gte	6.8	7.3
"4	6.6	7.5
+3.3	6.6	7.5
+5.3	6.5	7.6
M	6.6	7.5
+7.5	6.5	7.6
+9.5	6.6	7.5
"4	6.6	7.5
gte	7.1	7.0
crb	6.7	7.4
W.L.	6.3	7.8

14.13

2+75

W.L.	6.5	7.6
crb	6.9	7.2
gtr	7.5	6.6
1/4	6.9	7.2
+3.3	6.5	7.3
+5.3	6.6	7.5
M	6.7	7.4
+7.5	6.7	7.4
+9.5	6.8	7.3
1/4	6.5	7.3
gtr	6.9	7.2
E.crb	6.4	7.7

3+0 = W.L. "E" st 75' wide

E crb	6.7	7.4
gtr	7.0	7.1
1/4	6.9	7.2
+3.3	6.8	7.3
+5.3	6.8	7.3
M	6.5	7.3
+7.5	6.5	7.3
+9.5	7.0	7.1
1/4	7.1	7.0
gtr	7.8	6.3
crb	7.1	7.0
W.L.	6.9	7.2

14.13

N. curb

W.L.	6.8	7.3
Crb.L.	7.2	6.9
1/4	7.1	7.0
+3.3	7.0	7.1
+5.3	6.8	7.3
M	6.9	7.2
+7.5	6.9	7.2
+9.5	6.8	7.3
1/4	6.8	7.3
Crb	7.1	7.0
E.L.	7.2	6.9

N 1/4

E.L.	7.2	6.9
crb	7.1	7.0
1/4	7.0	7.1
+3.3	6.9	7.2
+5.3	6.9	7.2
M	7.0	7.1
+7.5	6.9	7.2
+9.5	7.0	7.1
1/4	7.1	7.0
Crb	7.2	6.9
W.L.	6.9	7.2

14.13

Center

W.L.	6.8	7.3
Crb	7.1	7.0
1/4	7.1	7.0
+3.3	7.0	7.1
+5.3	7.0	7.1
M	7.0	7.1
+7.5	6.9	7.2
+9.5	7.0	7.1
1/4	7.0	7.1
Crb	7.3	6.8
E.L.	6.8	7.3

POSTED

see Page 8 center + 6' = N. rail of switch to Carbarn W. side Artic

N. rail	7.0	7.1

S 1/4

E.L.	7.2	6.9
Crb	7.3	6.8
1/4	7.1	7.0
+3.3	7.0	7.1
+5.5	7.0	7.1
M	7.1	7.0
+7.5	7.0	7.1
+9.5	7.1	7.0
1/4	7.1	7.0
Crb	7.0	7.1
+ 4 = 2' E of E. rail switch	7.1	7.0
+ 6 = " " " "	7.0	7.1
W.L.	6.9	7.2

14.13

S. Curb

W.L.	7.1	7.0
+11 = 2' W. of W. rail switch	7.1	7.0
Crb	7.1	7.0
+1 = " " "	7.1	7.0
+8 = E " "	7.1	7.0
+10 = 2' E of E " "	7.2	6.9
1/4	7.1	7.0
+3.3	7.1	7.0
+5.3	7.0	7.1
M	7.0	7.1
+7.5	7.0	7.1
+9.5	7.2	6.9
1/4	7.1	7.0
Crb	7.4	6.7
E.L.	7.0	7.1

S.L. "E" St = 0+0

E.L.	6.3	7.8
Crb	6.9	7.2
gte	7.3	6.8
1/4	7.3	6.8
+3.3	7.3	6.8
+5.5	7.1	7.0
M	7.0	7.1
+7.5	7.1	7.0
+9.5	7.1	7.0
+10' = E. rail switch	7.1	7.0
1/4	7.2	6.9
+3 = W. " "	7.1	7.0
+5 = 2' " of W " "	7.2	6.9
Crb	7.0	7.1
W.L.	6.7	7.4

T.P.	3.21	11.21	6.13	8.00

note — no curb or sidewalk in on E. side from sta 0+00 to sta 0+50 & Dunkle
sta 1+0 to sta 2+50

11.21

0+25 S

1/4 Shaw
1/4 Degnel

W.L.	3.5	7.7
crb	4.2	7.0
1/4	4.5	6.9
+3.3	4.3	6.9
+5.3	4.4	6.8
M	4.3	6.9
+7.5	4.3	6.9
+9.5	4.6	6.6
1/4	4.7	6.5
gte	4.6	6.6
crb	4.2	7.0
E.L.	3.5	7.7

0+50

E. crb	4.0	7.2
gte	4.4	6.8
1/4	4.8	6.4
+3.3	4.7	6.5
+5.3	4.4	6.8
M	4.5	6.7
+7.5	4.4	6.8
+9.5	4.5	6.7
1/4	4.5	6.7
Crb	4.7	6.5
W.L.	4.3	6.9

11.21

0+75

W.L.	4.9	6.3
crb	5.1	6.1
1/4	4.5	6.4
+3.3	4.7	6.5
+3.5	4.6	6.6
M	4.7	6.5
+7.5	4.6	6.6
+9.5	4.9	6.3
1/4	4.9	6.3
gte	4.9	6.3
E. crb	4.3	6.9

POSTED

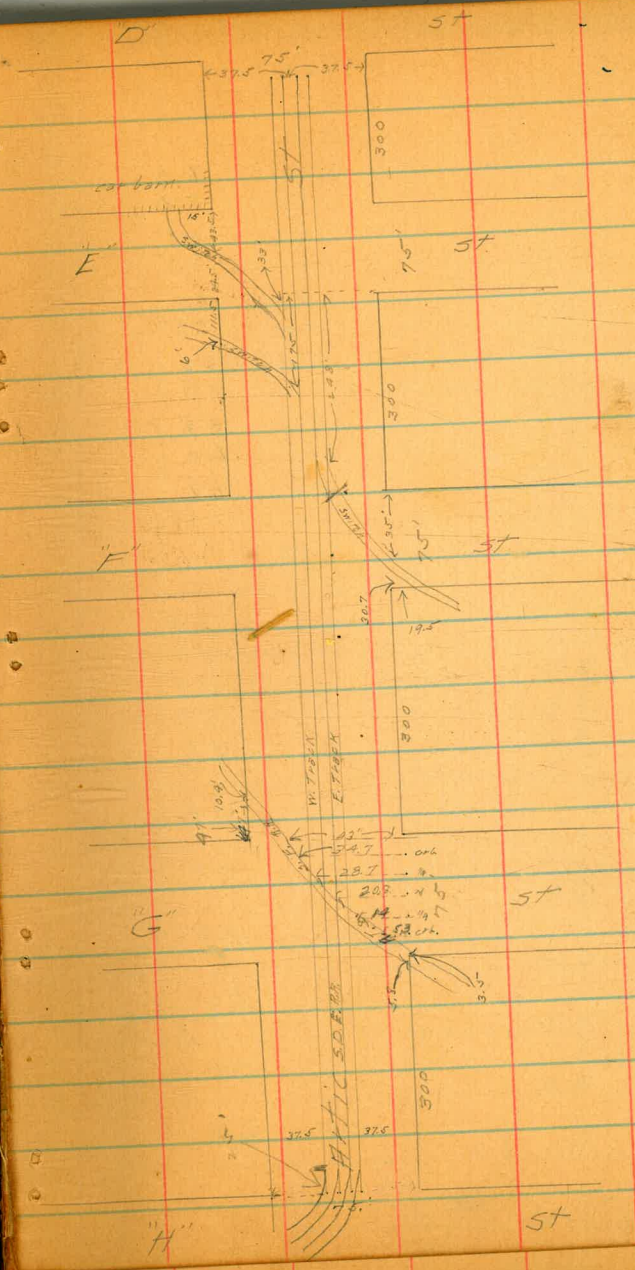
1+0

E. crb	4.4	6.8
gte	5.0	6.2
1/4	5.1	6.1
+3.3	5.0	6.2
+5.3	4.7	6.5
M	4.8	6.4
+7.5	4.7	6.5
+9.5	4.9	6.3
1/4	5.0	6.3
Crb	5.0	6.2
W.L.	5.1	6.1

1+11.5 = N. rail switch

N. Rail	4.8	6.4

11.21		
1+25		
W. L.	5.1	6.1
+ 6 = 2' N. of W rail switch	4.8	6.4
+ 8 = W. rail switch	5.0	6.2
crb	4.9	6.3
+ 5 = 2' E of E rail switch	4.9	6.3
"A	5.0	6.2
+ 3.3	4.9	6.3
+ 5.3	4.9	6.3
M	4.9	6.3
+ 7.5	4.9	6.3
+ 9.5	5.1	6.1
"A	5.2	6.0
crb	5.1	6.1
E. L.	4.5	6.7
1+50		
E. L.	4.1	7.1
crb	5.2	6.0
"A	5.3	5.9
+ 3.3	5.3	5.9
+ 5.5	5.1	6.1
M	5.1	6.1
7.5	5.0	6.2
+ 9.5	5.0	6.2
"A	5.1	6.1
+ 2.0 = 2' N of W. rail switch	5.2	6.0
crb	5.2	6.0
W. L.	5.3	5.9



11.21

1+25

W.L.	5.2	6.0
Crk	5.4	5.8
1/4	5.3	5.9
+3.5	5.2	6.0
+5.3	5.2	6.0
M	5.3	5.9
+7.5	5.2	6.0
+9.5	5.3	5.9
1/4	5.4	5.8
Crk	5.2	6.0
E.L.	4.3	6.9

2+0

E.L.	4.8	6.4
Crk	5.3	5.9
1/4	5.5	5.7
+3.3	5.4	5.8
+5.3	5.3	5.9
M	5.4	5.8
+7.5	5.3	5.9
+9.5	5.3	5.9
1/4	5.5	5.7
Crk	5.5	5.7
W.L.	5.2	6.0

11.21

2+25

W.L.	5.3	5.9
Crk	5.6	5.6
1/4	5.4	5.8
+3.3	5.4	5.8
+5.3	5.4	5.8
M	5.5	5.7
+7.5	5.4	5.8
+9.5	5.5	5.7
1/4	5.5	5.7
Crk	5.3	5.9
E.L.	4.5	6.7

POS

2+50

E.L.	4.9	6.3
Crk	5.4	5.8
gte	5.6	5.6
1/4	5.6	5.6
+3.3	5.7	5.5
+5.3	5.6	5.6
M	5.6	5.6
+7.5	5.6	5.6
+9.5	5.6	5.6
1/4	5.7	5.5
Crk	5.8	5.4
W.L.	5.3	5.9

11.21

2+75

W.L.	5.5	5.7
crk	5.9	5.3
"9	5.6	5.6
+ 3.3	5.6	5.6
+ 5.3	5.7	5.5
M	5.7	5.5
+ 7.5	5.7	5.5
+ 9.5	5.7	5.5
4 = E rail switch	5.7	5.5
+ 2 = 2' E. of E rail switch	5.7	5.5
crk	5.6	5.6
gtr	5.6	5.6
E.L.	5.1	6.1

3+0 = N.L. "F" 5+75'

E.L.	5.3	5.9
crk	5.8	5.4
gtr	5.8	5.4
+ 4 = 2' E of E rail switch	5.7	5.5
+ 6 = " " "	5.7	5.5
"4	5.7	5.5
+ 3.3	5.7	5.5
+ 5.3	5.8	5.4
M	5.9	5.3
+ 7.5	5.8	5.4
+ 9.5	5.7	5.5
"4	5.7	5.5
crk	5.8	5.4
W.L.	5.6	5.6

11.21

N curb

W.L.	6.5	4.7
crk	6.4	4.8
"9	6.2	5.0
+ 3.3	6.1	5.1
+ 5.3	5.9	5.3
M	5.9	5.3
+ 7.5	5.8	5.4
+ 9.5	5.8	5.4
"4	5.7	5.5
+ 3 = 2' W. of W. rail switch	5.7	5.5
+ 2 = E rail " "	5.6	5.6
crk	5.6	5.6
+ 1 = 2' E of E. rail.	5.6	5.6
E.L.	5.5	5.7

N "4

E.L.	5.3	5.9
+ 4 = 2' E of E rail	5.4	5.8
+ 6 = E rail.	5.5	5.7
crk	5.5	5.7
+ 2 = 2' W of W rail	5.5	5.7
"9	5.5	5.7
+ 3.3	5.8	5.4
+ 5.5	5.8	5.4
M	5.2	5.4
+ 7.5	5.8	5.4
+ 9.5	5.8	5.4
"4	5.8	5.4
crk	6.2	5.0
W.L.	6.2	5.0

11.21

center

W.L.		6.2	5.0
crb		6.1	5.1
1/4		5.7	5.5
+3.3		5.7	5.5
+5.5		5.8	5.4
M		5.9	5.3
+7.5		5.8	5.4
+9.5		5.7	5.5
1/4		5.7	5.5
crb		5.5	5.7
+6 = 2' w of W. pair		5.5	5.7
+8 = " "		5.4	5.8
E.L.		5.5	5.7

s 1/4

E.L.		5.4	5.8
crb		5.5	5.7
1/4		5.6	5.6
+3.3		5.9	5.3
+5.5		5.9	5.3
M		5.9	5.3
+7.5		5.9	5.3
+9.5		5.8	5.4
1/4		5.9	5.3
crb		6.2	5.0
W.L.		6.3	4.9

Note - No curb or side walk in from "F" to "G" st

11.21

s. curb

W.L.			6.2	5.0
crb			6.3	4.9
1/4			6.0	5.2
+3.3			5.9	5.3
+5.3			5.9	5.3
M			5.9	5.3
+7.5			5.9	5.3
+9.5			5.9	5.3
1/4			5.8	5.4
crb			5.8	5.4
E.L.			5.8	5.4

s.L. "F" st

E.L.			5.6	5.6
crb			5.8	5.4
1/4			5.9	5.3
+3.3			6.0	5.2
+5.5			5.9	5.3
M			5.8	5.4
+7.5			5.9	5.3
+9.5			5.9	5.3
1/4			6.1	5.1
crb			6.2	5.0
W.L.			6.3	4.9
T.P.	1.04	8.86	3.39	7.82

8.86

0+25' sof F

W.L.	4.1	4.8
crk	4.0	4.9
"	3.9	5.0
+3.3	3.7	5.2
+5.5	3.7	5.2
M	3.7	5.2
+7.5	3.8	5.1
+9.5	3.7	5.2
"	3.8	5.1
crk	3.8	5.1
E.L.	3.1	5.8

0+50

E.L.	3.5	5.4
crk	4.1	4.8
"	4.0	4.9
+3.3	3.9	5.0
+5.3	3.8	5.1
M	3.9	5.0
+7.5	3.8	5.1
+9.5	3.9	5.0
"	4.1	4.8
crk	4.2	4.7
W.L.	4.2	4.7

8.86

0+75

W.L.	4.3	4.6
crk	4.3	4.6
"	4.3	4.6
+3.3	3.9	5.0
+5.3	3.9	5.0
M	4.0	4.9
+7.5	3.9	5.0
+9.5	4.1	4.8
"	4.1	4.8
crk	4.1	4.8
E.L.	3.7	5.2

1+0

E.L.	3.8	5.1
crk	4.1	4.8
+ "	4.3	4.6
+3.3	4.2	4.7
+5.3	4.1	4.8
M	4.1	4.8
+7.5	4.0	4.9
+9.5	4.1	4.8
"	4.4	4.5
crk	4.3	4.6
W.L.	4.5	4.4

8.86

1425

W.L.	4.6	4.3
crk	4.8	4.1
1/4	4.6	4.9
+3.3	4.3	4.6
+5.5	4.2	4.7
M	4.2	4.7
+7.5	4.2	4.7
+9.5	4.3	4.6
1/4	4.3	4.6
crk	4.4	4.5
E.L.	4.1	4.8

1450

E.L.	4.1	4.8
crk	4.3	4.6
1/4	4.5	4.4
+3.3	4.4	4.5
+5.3	4.3	4.6
M	4.3	4.6
+7.5	4.3	4.6
+9.5	4.3	4.6
1/4	4.7	4.2
crk	4.9	4.0
W.L.	4.9	4.0

8.86

1475

W.L.	4.9	4.0
crk	5.0	3.9
1/4	4.8	4.1
+3.3	4.5	4.4
+5.5	4.4	4.5
M	4.4	4.5
+7.5	4.4	4.5
+9.5	4.4	4.5
1/4	4.6	4.3
crk	4.5	4.4
E.L.	4.3	4.6

POSTED

1500

E.L.	4.3	4.6
crk	4.5	4.4
1/4	4.8	4.1
+3.3	4.7	4.2
+5.3	4.6	4.3
M	4.6	4.3
+7.5	4.6	4.3
+9.5	4.7	4.2
1/4	4.9	4.0
crk	5.1	3.8
W.L.	5.2	3.7

8.86

2+25

W.L.	5.3	3.6
crk	5.3	3.6
"	5.0	3.9
+3.3	4.8	4.1
+5.3	4.7	4.2
M	4.7	4.2
+7.5	4.7	4.2
+9.5	4.8	4.1
"	4.9	4.0
crk	4.8	4.1
E.L.	4.4	4.5

3+50

E.L.	4.3	4.6
crk	5.0	3.9
"	5.0	3.9
+3.3	4.9	4.0
+5.3	4.8	4.1
M	4.9	4.0
+7.5	4.8	4.1
+9.5	5.0	3.9
"	5.1	3.8
crk	5.2	3.7
	5.2	
+6 = 2' E. of E. rail F.T. 25.5		3.7
	4.9	
+5 = " " " " "		4.0
W.L.	5.2	3.7

8.86

2+75

W.L.	5.4	3.5
+1.0 = 2' W. of W. rail	5.1	3.8
= crk = W. rail F.T. 25.5	5.1	3.8
+5.5 = E " " " " "	5.1	3.8
+7.5 = 2' E. of " " " " "	5.1	3.8
"	5.1	3.8
+3.3	5.1	3.8
+5.5	5.0	3.9
M	5.1	3.8
+7.5	5.0	3.9
+9.5	5.1	3.8
"	5.0	3.9
crk	4.7	4.2
E.L.	4.5	4.4

3+0 = N.L. 6.5

E.L.	4.7	4.2
crk	4.9	4.0
"	5.0	3.9
+3.3	5.1	3.8
+5.3	5.1	3.8
M	5.1	3.8
+7.5	5.1	3.8
+9.5	5.1	3.8
"	5.2	3.7
+1 = 2' W. of W. rail F.T. 25.5	5.1	3.8
crk	5.3	3.6
W.L.	5.9	3.0

8.86

N. Curb

W.L.	5.9	3.0
crb	5.6	3.3
1/4	5.2	3.7
+3.3	5.1	3.8
+5.3	5.1	3.8
M	5.1	3.8
+7.5	5.2	3.7
+9.5	5.2	3.7
1/4	5.0	3.9
crb	5.0	3.9
E.L.	4.9	4.0

N 1/4

E.L.	5.2	3.7
crb.	5.2	3.7
1/4	5.3	3.6
+2 = 2' E of rail H.T. & S.F.	5.3	3.6
+4 = " " " " " "	5.3	3.6
+5.3 = E. rail S.D.F.	5.3	3.6
M	5.4	3.5
+7.5	5.0	3.9
+9.5	5.1	3.8
1/4	5.5	3.4
crb	5.8	3.1
W.L.	6.2	2.7

8.86

Center

W.L.	6.2	2.7
crb	5.9	3.0
1/4	5.3	3.6
+3.3	5.1	3.8
+5.3	5.0	3.9
M	5.1	3.8
+7.5	5.1	3.8
+9.5	5.2	3.7
1/4	5.3	3.6
+3 = 2' E. of E. rail H.T. & S.F.	5.3	3.6
crb	5.3	3.6
E.L.	5.1	3.8

S 1/4

E.L.	5.3	3.6
+11 = 2' E. of H.T. & S.F.	5.4	3.5
crb	5.3	3.6
+1 = E. rail " " " "	5.3	3.6
+9 = 2' W. of W. rail H.T. & S.F.	5.3	3.6
1/4	5.3	3.6
+3.5	5.2	3.7
+5.3	5.2	3.7
M.	5.1	3.8
+7.5	5.2	3.7
+9.5	5.3	3.6
1/4	5.5	3.4
crb	6.1	2.8
W.L.	6.3	2.6

8.86

S. Curb

W.L.			6.5	2.4
crb			6.4	2.5
1/4			5.6	3.3
+3.3			5.5	3.4
+5.3			5.3	3.6
M			5.4	3.5
+7.5			5.3	3.6
+9.5			5.3	3.6
1/4			5.6	3.3
+12 = 2 w of W. rail			5.6	3.3
crb			5.7	3.2
+1 = W. "			5.7	3.2
+7 = 2' E of E. rail			5.9	3.0
E.L.			5.8	3.1
	S.L.	"G"		
E.L.			5.7	3.2
+3.5 = W. rail A.T. & S.F.			5.4	3.5
+5.5 = 2' W. of W. rail			5.8	3.1
crb			6.1	2.8
1/4			6.0	2.9
+3.3			5.7	3.2
+5.3			5.5	3.4
M			5.5	3.4
+7.5			5.4	3.5
+9.5			5.5	3.4
1/4			5.7	3.2
gte			6.4	2.5
crb			5.9	3.0
W.L.			5.8	3.1
T.P.	3.67	6.63	5.90	2.96

Note - No curb or sidewalk from "G" to "H"

6.63

0+25' S.

W.L.			4.1	2.5
crb			4.1	2.5
1/4			3.4	3.2
+3.3			3.4	3.2
+5.3			3.4	3.2
M			3.4	3.2
+7.5			3.4	3.2
+9.5			3.6	3.0
1/4			3.8	2.8
crb			4.1	2.5
E.L.			4.1	2.5

POSTED

0+50

E.L.			4.2	2.4
crb			4.2	2.4
1/4			4.0	2.6
+3.3			3.7	2.9
+5.3			3.5	3.1
M			3.6	3.0
+7.5			3.5	3.1
+9.5			3.6	3.0
1/4			3.5	3.1
crb			4.1	2.5
W.L.			4.2	2.4

6.63

0+25

W.L.	4.2	2.4
Crk	4.3	2.3
1/4	3.8	2.8
+3.3	3.8	2.8
+5.3	3.7	2.9
M	3.8	2.8
+7.5	3.7	2.9
+9.5	3.9	2.7
1/4	4.1	2.5
Crk	4.3	2.3
E.L.	4.2	2.4

1+0

E.L.	4.1	2.5
Crk	4.4	2.2
1/4	4.3	2.3
+3.3	4.1	2.5
+5.3	3.9	2.7
M	3.9	2.7
+7.5	3.9	2.7
+9.5	3.9	2.7
1/4	3.9	2.7
Crk	4.4	2.2
W.L.	4.3	2.3

6.63

1+25

W.L.	4.3	2.3
Crk	4.5	2.1
1/4	4.0	2.6
+3.3	4.0	2.6
+5.3	4.0	2.6
M	4.1	2.5
+7.5	4.0	2.6
+9.5	4.1	2.5
1/4	4.4	2.2
Crk	4.2	2.4
E.L.	3.9	2.7

1+50

E.L.	4.2	2.4
Crk	4.6	2.0
1/4	4.6	2.0
+3.3	4.4	2.2
+5.5	4.2	2.4
M	4.3	2.3
+7.5	4.1	2.5
+9.5	4.1	2.5
1/4	4.1	2.5
Crk	4.7	1.9
W.L.	4.4	2.2

6.63

1+25

W.L.	4.8	1.8
Crb	4.8	1.8
1/4	4.4	2.2
+3.3	4.4	2.2
+5.3	4.3	2.3
M	4.4	2.2
+7.5	4.4	2.2
+9.5	4.6	2.0
3/4	4.9	1.7
Crb	4.8	1.8
E.L.	4.7	1.9

2+0

E.L.	4.2	2.4
Crb	4.8	1.8
1/4	5.1	1.5
+3.5	4.7	1.9
+5.5	4.4	2.2
M	4.5	2.1
+7.5	4.4	2.2
+9.5	4.6	2.0
3/4	4.7	1.9
Crb	5.1	1.5
W.L.	5.0	1.6

6.63

2+25

W.L.	5.0	1.6
Crb	5.4	1.2
1/4	4.9	1.7
+3.3	4.7	1.9
+5.3	4.6	2.0
M	4.7	1.9
+7.5	4.6	2.0
+9.5	4.8	1.8
3/4	5.2	1.4
Crb	4.7	1.8
E.L.	4.3	2.3

POSTED

2+50

E.L.	4.5	2.1
Crb	4.9	1.7
1/4	5.2	1.4
+3.3	4.7	1.9
+5.3	4.7	1.9
M	5.0	1.6
+7.5	4.5	1.8
+9.5	4.9	1.7
1/4	5.0	1.6
Crb	5.5	1.1
W.L.	5.1	1.5

41

6.63

2+75

W.L.	5.1	1.5
crb	5.6	1.0
1/4	5.1	1.5
+3.3	5.3	1.3
+5.5	4.9	1.7
M	4.8	1.8
+7.5	4.8	1.8
+9.5	4.9	1.7
1/4	4.9	1.7
crb	5.3	1.3
E.L.	4.5	2.1

POSTED

3+0 = N.L. "H" St.

E.L.	4.9	2.2
crb	4.8	1.8
qtr	5.3	1.3
1/4	4.9	1.7
+5	4.8	1.8
+7 = E. rail	4.8	1.8
M	4.9	1.7
1/4 = w. rail w. track	5.0	1.6
+2-2" w. of w. rail w. track	5.0	1.6
qtr	5.6	1.0
crb	5.2	1.4
W.L.	5.0	1.6

Levels on curb of "H" St 6th to 16th

12/18/09 Dunkle
Shaw
Dezeil

B.M. N.W. brass plg 7th & "H"				27.03	
B.M.	3.75	30.78			
	E.L. 6th				
N. Crb			4.8	26.0	26.0
S "			5.9	24.9	25.0
	0+25 E				
S "			5.8	25.0	25.06
N "			4.6	26.2	26.12
	0+50				
N "			4.5	26.3	26.25
S "			5.7	25.1	25.12
	0+75				
S "			5.6	25.2	25.19
N "			4.3	26.5	26.37
	1+0				
N "			4.2	26.6	26.50
S "			5.6	25.2	25.25

	1+25			
S. Crb		5.5	25.3	25.31
N "		4.1	26.7	26.62
	1+50			
N "		4.0	26.8	26.75
S "		5.5	25.3	25.38
	1+75			
S "		5.4	25.4	25.44
N "		3.9	26.9	26.87
	2+0 = W.L. 7th St			
N "		3.8	27.0	27.0
S "		5.3	25.5	25.50

Note - Top & side of curb broken off from St 0+28 to 0+87 N. side
Asphalt side walk on N. side from Sta 1+50 to W.L. 8th St

30.78
0+0 = E.L. 7th St

S. Curb	4.8	26.0	26.0		N. Curb	2.2	28.6	28.75
N. "	3.3	27.5	27.5		S. "	3.6	27.2	27.25
0+25					1+50			
N. "	3.1	27.7	27.75		S. "	3.3	27.5	27.50
S. "	4.6	26.2	26.25		N. "	2.0	28.8	29.00
0+50					1+75			
S. "	4.4	26.4	26.50		N. "	1.7	29.1	29.25
N. "	3.0	27.8	28.0		S. "	3.1	27.7	27.75
0+75					2+0 = W.L. 8th St			
N. "	2.7	28.1	28.25		S. "	2.9	27.9	28.00
S. "	4.1	26.7	26.75		N. "	1.4	29.4	29.50
1+0								
S. "	3.8	27.0	27.0		T.P. 8.66	38.22	1.22	29.56
N. "	2.3	28.5	28.50					

Note Asphalt sidewalk on N. side from sta 40 to W.L. 9th St

38.22

0+0 = E.L. 8th St

N. Crb			8.2	30.0	30.0
S "			9.2	29.0	29.0
		0+25			
S "			8.7	29.5	29.44
N "			7.8	30.4	30.44
		0+50			
N. "			7.3	30.9	30.88
S. "			8.3	29.9	29.88
		0+75			
S "			7.9	30.3	30.31
N "			6.9	31.3	31.31
		1+0			
N "			6.5	31.7	31.75
S "			7.5	30.7	30.75

38.22

		1+25			
S. Crb			7.1	31.1	31.19
N "			6.1	32.1	32.19
		1+50			
N "			5.7	32.5	32.62
S "			6.6	31.6	31.62
		1+75			
S. "			6.1	32.1	32.06
N. "			5.2	33.0	33.06
		2+0 = W.L. 9th			
N "			4.7	33.5	33.50
S "			5.7	32.5	32.50

		38.22			
	0+0 - E.L. 9th St				
S. crk		5.2	33.0	33.0	
N "		4.1	34.1	34.0	
	0+25 E				
N "		3.8	34.4	34.5	
S "		4.7	33.5	33.56	
	0+50				
S "		4.1	34.1	34.12	
N "		3.4	34.8	35.0	
	0+75				
N "		2.9	35.3	35.5	
S "		3.6	34.6	34.69	
	1+0				
S "		3.0	35.2	35.25	
N "		2.3	35.9	36.0	

		1+25			
N crk		1.8	36.4	36.50	
S "		2.5	35.7	35.81	
		1+50			
S "		1.9	36.3	36.38	
N "		1.3	36.9	37.0	
		1+75			
N "		0.8	37.4	37.50	
S "		1.3	36.9	36.94	
	2+0 - W.L. 10th St.				
S "		0.8	37.4	37.50	
N "		0.2	38.0	38.0	
T.P	11.76	49.75	0.23	37.99	

		49.75									
	E.L. 10th St						1+25				
N. crb			10.7	39.0	39.0	S. crb		8.5	41.2	41.31	
S "			11.2	38.5	38.6	N "		7.7	42.0	42.12	
		0+25 E					1+50				
S "			10.7	39.0	39.06	N "		7.1	42.6	42.75	
N "			10.2	39.5	39.62	S "		7.9	41.8	41.87	
		0+50					1+75				
N "			9.5	40.2	40.25	S "		7.4	42.3	42.44	
S "			10.2	39.5	39.62	N "		6.5	43.2	43.37	
		0+75					2+0 = W.L. 11th St				
S "			9.6	40.1	40.18	N "		5.8	44.0	43.99	
N "			8.9	40.8	40.87	S "		6.8	43.0	43.0	
		1+0									
N "			8.3	41.4	41.50						
S "			9.0	40.7	40.75						

	49.75			
	E.L. 11th St			
S.Crk		5.3	44.4	44.5
N "		4.2	45.5	45.5
	0+25 E			
N "		3.9	45.8	45.87
S "		5.0	44.8	44.87
	0+50			
S "		4.6	45.2	45.25
N "		3.5	46.3	46.25
	0+75			
N "		3.2	46.6	46.62
S "		4.2	45.6	45.62
	1+0			
S "		3.8	46.0	46.0
N "		2.8	47.0	47.0

	1+25			
N.Crk		2.4	47.4	47.37
S "		3.5	46.3	46.37
	1+50			
S "		3.2	46.6	46.75
N "		2.0	47.8	47.75
	1+75			
N "		1.7	48.1	48.12
S "		2.7	47.1	47.12
	2+0 = W.L. 12th St			
S "		2.3	47.5	47.5
N "		1.3	48.5	48.5

	49.75			
	E.L. 12th St			
N. crb		1.3	48.5	48.5
S "		2.3	47.5	47.5
	0+25 E			
S "		2.2	47.6	47.62
N "		1.2	48.6	48.69
	0+50			
N "		1.0	48.8	48.88
S "		2.1	47.9	47.75
	0+75			
S "		2.0	47.8	47.87
N. "		0.9	48.9	49.07
	1+0			
N "		0.8	49.0	49.25
S "		1.9	47.9	48.00

	1+25			
S. crb		1.7	48.0	48.12
N "		0.5	49.3	49.44
	1+50			
N "		0.2	49.6	49.62
S "		1.6	48.2	48.25
	1+75			
S "		1.4	48.4	48.37
N "		0.1	49.7	49.81
	2+0 = N.L. 13th St			
N "		+0.1	49.9	50.0
S "		1.3	48.5	48.5
T.P.	3.88	52.36	1.27	48.48

Note Asphalt side walk on N. side from Sta 1+0 to W.L. 14th

0+0 – E.L. 13½ 57					
	52.36				
S. Curb		3.9	48.5	48.5	
N "		2.4	50.0	50.00	
0+25 E					
N "		2.8	49.6	49.63	
S "		4.1	48.3	48.37	
0+50					
S "		4.3	48.1	48.14	
N "		3.2	49.2	49.24	
0+75					
N "		3.6	48.8	48.87	
S "		4.5	47.9	47.95	
1+0					
S "		4.7	47.7	47.76	
N "		3.9	48.5	48.50	

1+25					
N. Curb		4.3	48.1	48.12	
S "		4.8	47.6	47.57	
1+50					
S "		5.0	47.4	47.38	
N "		4.6	47.8	47.75	
1+75					
N "		5.0	47.4	47.37	
S "		5.2	47.2	47.19	
2+0 = W.L. 14½ St					
S "		5.4	47.0	47.0	
N "		5.4	47.0	47.0	
T.P.	1.28	48.20	5.44	46.92	

48.20

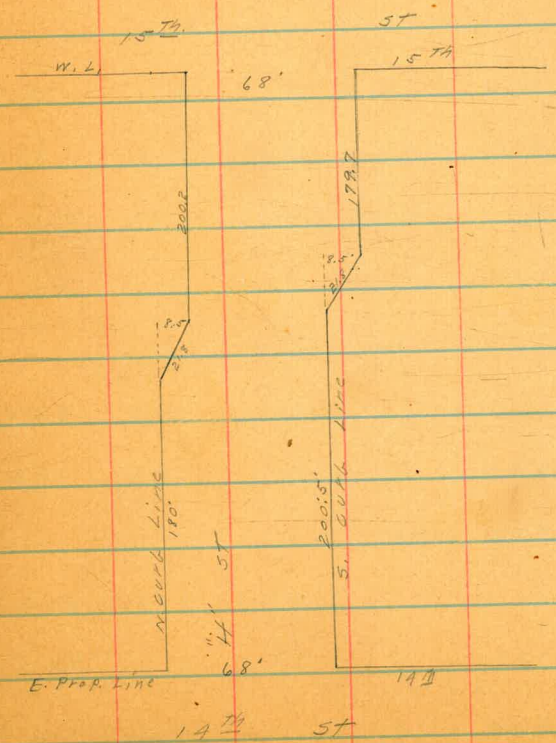
Note - See sketch on page 30

0+0 = E.L. 14th St

N. crb		3.3	44.9	45.00	
S "		3.3	44.9	45.00	
	0+25 E				
S "		4.2	44.0	44.03	
N "		4.3	43.9	44.06	
	0+50				
N "		5.2	43.0	43.12	
S "		5.2	43.0	43.07	
	0+75				
S "		6.1	42.1	42.10	
N "		6.1	42.1	42.19	
	1+0				
N. "		7.0	41.2	41.26	
S. "		7.1	41.1	41.13	
	1+25				
S. crb		8.1	40.1	40.16	
N "		7.9	40.3	40.31	
	1+50				
N "		8.9	39.3	39.38	
S "		9.1	39.1	39.19	
	1+75				
S "		10.1	38.1	38.22	
N. crb		9.9	38.3	38.44	
	1+80.07 N.L.				
N. crb		10.1	38.1		
	2+00.5 of S.L.				
S. crb		11.1	37.1	37.25	
	2+01.8 of N.L.				
N. crb		10.8	37.4	37.50	
	2+22.3 of S.L.				
S. crb		12.1	36.1	36.27	

		48.20			
		2+25			
N. curb			11.7	36.5	36.56
S "			12.1	36.1	36.25
T.P.	2.19	37.91	12.48	35.72	
		2+50			
S. curb			2.6	35.3	35.31
N "			2.5	354	35.63
		2+75			
N "			3.5	344	34.69
S "			3.8	34.1	34.34
		3+0			
S "			4.6	33.3	33.38
N "			4.2	33.7	33.76
		3+25			
N "			5.1	32.8	32.81
S "			5.5	32.4	32.41

see sketches on Pages 30-32-33



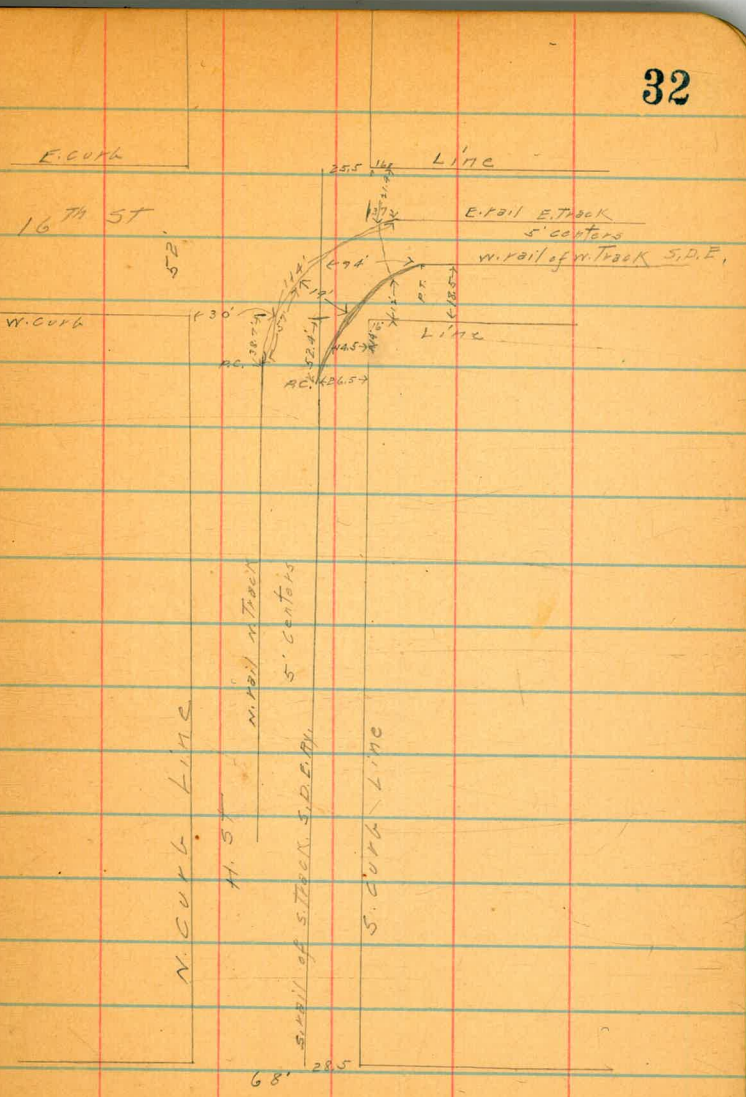
		37.91		12/29/09	Dunkle Shane Dyzel
		3+50			
S. Ctb			6.5	31.4	31.44
N. "			6.1	31.8	31.87
		3+75			
N. "			7.0	30.9	30.94
S. "			7.5	30.4	30.47
		4+02 = W.L. 15th St			
S "			8.5	29.4	29.50
N. "			8.0	29.9	30.0
T.P.	7.31	37.26	7.96	29.95	brass plg 15th 8"4" St.
		E.L. 15th St			
N. Ctb			7.3	30.0	30.0
S "			7.8	29.5	29.5
		0+25' E			
S "			7.3	30.0	30.06
N "			6.9	30.4	30.50

		37.26			
		0+50			
N. Ctb			6.4	30.9	31.0
S "			6.7	30.6	30.62
		0+75			
S "			6.2	31.1	31.19
N. "			5.9	31.4	31.50
		1+0			
N. "			5.4	31.9	32.00
S "			5.5	31.8	31.75
		1+25			
S "			5.0	32.3	32.31
N "			4.8	32.5	32.50
		1+50			
N. "			4.3	33.0	33.0
S "			4.5	32.8	32.88
		1+75			
S. "			3.9	33.4	33.44
N. "			3.9	33.4	33.50

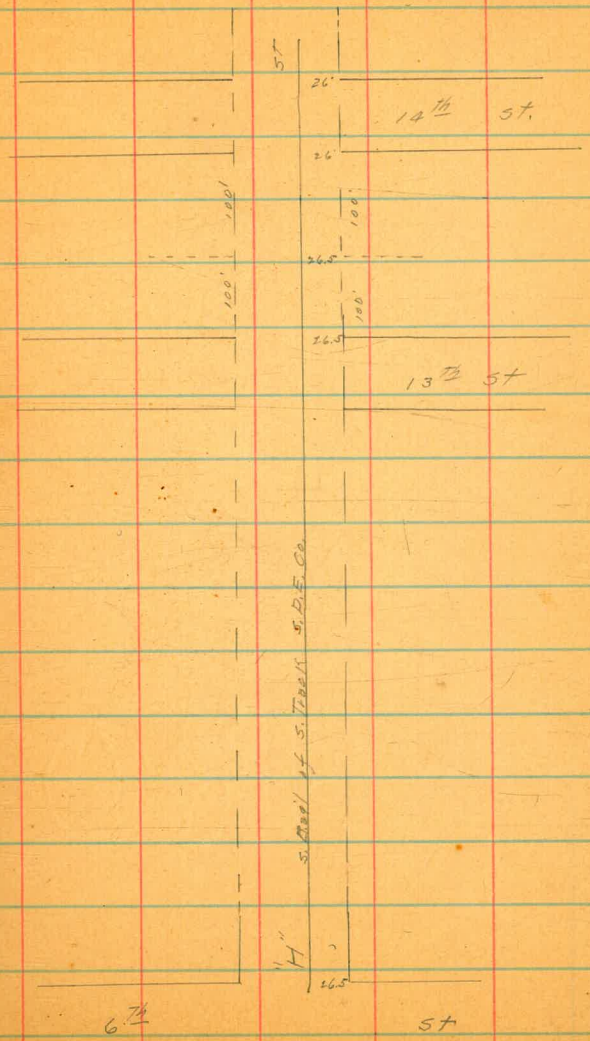
37.26

2+0 = W.L. 16th St

N. curb		3.4	33.9	34.0
S "		3.4	33.9	34.0
E.L. 16th St				
S "		1.8	35.5	35.5
N. "		1.8	35.5	35.5



See Page 33


5t
26'
14th St.
26'
100'
100'
26.5
100'
100'
26.5
13th St
S. Pool of S. Track S.P.E. Co.
"H"
26.5
6th
St

r-section 32nd st. (or Nash) from Univ To S.L. Pueblo Lot 1127
" " " 65' wide
12/22/09 Drumble Shaw Dyer

B.M. A.R.SPK.	N.E. Ohio & University			356.08	
B.M.	5.90	361.98			
T.P.	4.12	360.19	5.91	356.07	
T.P.	4.32	355.50	9.01	351.18	
	S.L. University Ave				
W.			3.7	351.8	
crb			3.9		
1/4			4.5		
M			4.4	351.1	
1/4			4.5		
crb			4.2		
E			4.2	351.3	
	0+25' S				
E			4.7	350.8	
crb			4.7		
1/4			3.9		
M			4.6	350.9	
1/4			4.6		
crb			4.8		
W			4.6	350.9	

		355.50			
		0+50			
W			4.9	350.6	
crb			4.9		
1/4			4.8		
M			5.0	350.5	
1/4			4.3		
crb			4.8		
E			4.9	350.6	
		0+75			
E			5.6	349.9	
crb			5.6		
1/4			5.3		
M			5.5	350.0	
1/4			5.2		
crb			5.0		
W			5.1	350.4	

	355.50		
	1+0		
W		5.4	350.1
crb		5.2	
"g		5.9	
M		5.9	349.6
"g		5.6	
crb		5.8	
E		5.8	349.7
	1+25		
E		6.0	349.5
crb		6.2	
"g		6.0	
M.		6.2	349.3.
"g		5.7	
crb		5.8	
W		5.6	349.9

	355.50		
	1+50		
W		5.8	349.7
crb		6.0	
"g		6.3	
M		6.5	349.0
"g		6.3	
crb		6.2	
E		6.2	349.3
	1+75		
E		6.5	349.0
crb		6.4	
"g		6.3	
M		6.9	348.6
"g		6.5	
crb		6.1	
W		6.0.	349.5

	355.50			
	2+0			
W		6.2	349.3	
crb		6.1		
1/4		6.6		
M		7.3	348.2	
1/4		6.5		
crb		6.9		
E		6.7	348.8	
	2+25			
E		7.0	348.5	
crb		7.2		
1/4		7.0		
M		7.3	348.2	
1/4		6.7		
crb		6.5		
W		6.5	349.0	

	355.50			
	2+50			
W		6.8	348.7	
crb		7.0		
1/4		7.4		
M		7.7	347.8	
1/4		7.4		
crb		7.6		
E		7.4	348.1	
	2+75			
E		7.9	349.6	
crb		8.2		
1/4		7.7		
M		8.0	347.5	
1/4		7.6		
crb		7.3		
W		7.5	348.0	

	355.50		
	340		
W		7.8	347.7
Crk		7.8	
"9		7.8	
M		8.1	347.4
"9		8.0	
Crk		8.3	
E		~ 8.3	347.2

3+21.9 = N.L. Wightman St 60' wide

E		8.5	347.0
Crk		8.6	
"9		8.5	
M		8.6	346.9
"9		8.4	
Crk		8.0	
W		8.1	347.4

	355.50		
	N. Curb		
W		8.2	347.3
Crk		8.2	
"9		8.5	
M		8.9	346.6
"9		8.6	
Crk		8.7	
E		8.6	346.9
N "9			
E		8.8	346.7
Crk		8.9	
"9		8.5	
M		9.0	346.5
"9		8.6	
Crk		8.4	
W		8.4	347.1

355.50

Center

W	8.6	346.9
crb	8.7	
"4	8.8	
M	9.0	346.5
"4	8.9	
crb	8.7	
E	8.9	346.6

6 "4

E	9.3	346.2
crb	9.3	
"4	9.0	
M	9.0	346.5
"4	9.0	
crb	8.6	
W	8.7	346.8

355.50

S. Curb

W	8.9	346.6
crb	8.7	
"4	8.9	
M	9.3	346.2
"4	9.2	
crb	9.3	
E	9.2	346.3

S.L. Wightman

E	9.1	346.4
crb	9.4	
"4	9.2	
M	9.3	346.2
"4	9.2	
crb	9.0	
W	9.1	346.4

	355.50		
	0+25 S		
W		9.6	345.9
Crb		9.6	
"a		9.8	
M		9.8	345.7
"a		9.4	
Crb		9.6	
E		9.4	346.1
	0+50		
E		9.7	345.8
Crb		9.8	
"a		9.9	
M		10.0	345.5
"a		10.2	
Crb		9.9	
W		10.0	345.5

	355.50		
	0+75		
W		10.2	345.3
Crb		10.0	
"a		10.5	
M		10.5	345.0
"a		10.4	
Crb		10.4	
E		10.3	345.2
	1+0		
E		10.2	345.3
Crb		10.5	
"a		10.3	
M		10.7	344.8
"a		10.7	
Crb		10.5	
W		10.4	345.1

		355.50			
		1+25			
W			11.0	344.5	
crb			11.0		
"A			11.1		
M			10.9	344.6	
"A			11.0		
crb			10.8		
E			10.8	344.7	
T.P.	5.45	349.94	11.01	344.49	
		1+50			
E			5.6	344.3	
crb			5.8		
"A			5.7		
M			5.8	344.1	
"A			5.9		
crb			5.5		
W			5.8	344.1	

		349.94			
		1+75			
W			5.9	344.0	
crb			6.2		
"A			6.2		
M			6.8	343.1	
"A			6.1		
crb			5.9		
E			5.9	344.0	
		2+0			
E			6.3	343.6	
crb			6.0		
"A			6.1		
M			6.8	343.1	
"A			6.5		
crb			6.2		
W			6.1	343.8	

	349.94		
	2+25		
W		6.7	343.2
crb		6.8	
"4		6.9	
M		7.3	342.6
"4		6.5	
crb		6.6	
E		6.7	343.2
	2+50		
E		7.0	342.9
crb		7.0	
"4		7.2	
M		7.0	342.9
"4		7.1	
crb		6.8	
W		7.1	342.8

	349.94		
	2+75		
W		7.5	342.4
crb		7.3	
"4		7.4	
M		7.7	342.2
"4		7.5	
crb		7.5	
E		7.5	342.4
	3+10		
E		7.7	342.2
crb		7.5	
"4		7.7	
M		7.6	342.3
"4		8.0	
crb		7.6	
W		7.9	342.0

		349.94			
		3+75			
W.			8.2	341.7	
Crk			8.3		
"4			8.5		
M			8.0	341.9	
"4			8.0		
Crk			8.0		
E			7.9	342.0	
		3+50			
E			8.3	341.6	
Crk			8.4		
"4			8.3		
M			8.4	341.5	
"4			8.7		
Crk			8.4		
W			8.5	341.4	

		349.94			
		3+75			
W			8.5	341.4	
Crk			8.8		
"4			8.9		
M			8.4	341.5	
"4			8.7		
Crk			8.7		
E			8.4	341.5	
		4+6			
E			8.8	341.1	
Crk			9.0		
"4			9.2		
M			9.1	340.8	
"4			9.5		
Crk			8.9		
W			9.2	340.7	
T.P.	1.85	346.05	5.74	344.20	

	346.05			
	4+25			
W		5.6	340.5	
Crk		5.3		
"a		5.6		
M		5.5	340.6	
"a		5.5		
Crk		5.3		
E		5.0	341.1	
	4+50			
E		5.2	340.9	
Crk		5.3		
"a		5.2		
M		5.5	340.6	
"a		5.8		
Crk		5.6		
W		5.8	340.3	

	346.05		
	4+75		
W		6.2	339.9
Crk		6.2	
"a		6.0	
M		6.0	340.1
"a		6.0	
Crk		5.9	
E		5.9	340.2
	5+0		
E		5.9	340.2
Crk		6.0	
"a		6.1	
M		6.1	340.0
"a		6.4	
Crk		6.2	
W		6.4	339.7

	346.05		
	5+25		
W	6.6	339.5	
Crb	6.8		
1/4	6.8		
M	6.6	339.5	
1/4	6.9		
Crb	6.4		
E	6.9	339.7	
	5+50		
E	7.0	339.1	
Crb	7.1		
1/4	7.2		
M	7.3	338.8	
1/4	7.0		
Crb	6.7		
W	6.9	339.2	

	346.05		
	5+75		
W	7.2	338.9	
Crb	7.3		
1/4	7.3		
M	7.7	338.4	
1/4	7.4		
Crb	7.3		
E	7.1	339.0	
6+0 = N.L. Landis St 60' wide			
E	7.6	338.5	
Crb	7.6		
1/4	7.8		
M	7.8	338.3	
1/4	7.7		
Crb	7.4		
W	7.3	338.8	

346.05

N. curb

W		
crb	7.5	338.6
11A	7.7	
N	7.8	
11A	7.9	338.2
crb	7.9	
E	8.0	
	8.1	338.0
N 11A		
E	8.0	338.1
crb	8.2	
11A	7.9	
N	8.0	338.1
11A	7.8	
crb	7.9	
W	7.4	338.7

346.05

Center

W		
crb	7.5	338.6
11A	7.9	
N	8.0	
11A	8.2	337.9
crb	8.0	
E	8.0	
	8.0	338.1
5 11A		
E	8.1	338.0
crb	8.2	
11A	8.0	
N	8.1	338.0
11A	8.1	
crb	7.9	
W	7.4	338.7

346.05

S. curb

W	7.6	338.5
crb	7.8	
"4	7.9	
M	8.0	338.1
"4	8.1	
crb	8.1	
E	8.0	338.1

S. L. Landis

E	10.3	335.8
+5	7.2	38.9
crb	8.2	37.9
"4	7.7	38.4
M	7.5	338.6
"4	7.9	38.2
crb	8.0	38.1
W	7.6	338.5

346.05

0+25.5

W	7.9	338.2
crb	8.2	37.9
"4	8.2	37.9
M	8.2	337.9
"4	7.7	38.4
crb	7.9	38.2
+5	7.1	39.0
E	9.8	336.3

0+50

E	10.6	335.5
+5	7.9	38.2
crb	8.9	37.2
"4	8.6	37.5
M	8.4	337.7
"4	8.3	37.9
crb	8.3	37.9
W	7.8	338.3

	346.05			
	0+75			
W		7.7	338.4	
crb		8.1	38.0	
"9		8.3	37.8	
M		8.1	338.0	
"9		8.4	37.7	
crb		8.8	37.3	
+5		7.5	38.6	
E		10.6	335.5	
	1+0			
E		11.0	335.1	
+2		10.3	35.8	
+5		7.7	38.4	
crb		8.6	37.5	
"9		8.2	37.9	
M		8.1	338.0	
"9		8.3	37.8	
crb		8.2	37.9	
W		7.7	338.4	

	346.05			
	1+25			
W		7.3	338.8	
crb		7.5	38.6	
"9		8.2	37.9	
M		8.5	337.6	
"9		8.6	37.5	
crb		8.7	37.4	
+5		7.5	38.6	
+8		10.0	36.1	
E		10.7	335.4	
	1+50			
E		10.7	335.4	
+2		10.2	35.9	
+5		7.2	38.9	
crb		8.6	37.5	
"9		8.7	37.4	
M		8.2	337.9	
"9		8.0	38.1	
crb		7.1	39.0	
W		6.9	339.2	

	346.05			
	1+75			
W		7.5	338.6	
crb		7.9	38.2	
1/4		8.0	38.1	
M		8.3	337.8	
1/4		8.6	37.5	
crb		8.5	37.6	
+5		7.6	38.5	
+8		10.2	35.9	
E		11.0	335.1	
	2+0			
E		10.3	335.8	
-2		9.7	36.4	
+5		7.8	38.3	
crb		8.6	37.5	
1/4		8.5	37.6	
M		7.9	338.2	
1/4		7.8	38.3	
crb		7.6	38.5	
W		7.4	338.7	

	346.05			
	2+25			
W		7.2	338.9	
crb		7.2	38.9	
1/4		7.4	38.7	
M		7.4	338.7	
1/4		7.8	38.3	
crb		8.1	38.0	
E		8.3	337.8	
	2+50			
E		8.0	338.1	
crb		8.0	38.1	
1/4		7.8	38.3	
M		7.6	338.5	
1/4		7.6	38.5	
crb		7.7	38.4	
W		7.6	338.5	

	346.05		
	2+75		
W		7.3	338.8
Crb		7.5	38.6
"a		7.6	38.5
M		7.8	338.3
"a		8.2	37.9
Crb		8.1	38.0
E		8.4	337.7
	3+0		
E.		8.8	337.3
Crb		8.5	37.6
"a		8.4	37.7
M		7.7	338.4
"a		7.1	39.0
Crb		7.0	39.1
W		7.0	339.1

	346.05		
	3+25		
W		7.5	338.6
Crb		7.5	38.6
"a		7.5	38.6
M		7.7	338.4
"a		8.1	38.0
Crb		8.2	37.9
E		8.3	337.8
	3+50		
E.		8.4	337.7
Crb		7.9	38.2
"a		8.0	38.1
M		7.9	338.2
"a		7.7	38.4
Crb		7.6	38.5
W		7.5	338.6

		346.05		
		3+75		
W			7.6	338.5
Crb			7.7	38.4
"A			7.9	38.2
M			7.9	338.2
"A			7.7	38.4
Crb			7.9	38.2
E			8.3	337.8
		4+0		
E			8.2	337.9
Crb			7.9	38.2
"A			8.1	38.0
M			8.2	337.9
"A			8.0	38.1
Crb			7.8	38.3
W			7.7	338.4

		346.05		
		4+25		
W			7.7	338.4
Crb			7.8	38.3
"A			8.1	38.0
M			8.1	338.0
"A			7.9	38.2
Crb			8.0	38.1
E			8.1	338.0
		4+50		
E			8.7	337.4
+5			7.2	38.9
Crb			8.1	38.0
"A			8.1	38.0
M			8.1	338.0
"A			8.3	37.8
Crb			8.0	38.1
W			7.8	336.3
T.P	2.98	341.24	7.79	338.26

	341.24		
	4+75		
W		3.3	337.9
crk		3.2	38.0
1/4		3.4	37.8
M		3.2	338.0
1/4		3.3	37.9
crk		3.4	37.8
+7		3.5	37.7
+7		5.0	36.2
E		4.6	336.6
	5+0		
E		5.1	336.1
+3		4.9	36.3
+3		3.6	37.6
crk		3.3	37.9
1/4		3.6	37.6
M		3.5	337.7
1/4		3.4	37.8
crk		3.2	38.0
W		3.2	338.0

	341.24		
	5+25		
W		3.5	337.7
crk		3.6	37.6
1/4		3.6	37.6
M		3.4	337.8
1/4		3.6	37.6
crk		3.6	37.6
+5		4.0	37.2
+6		5.3	35.9
E		4.7	336.5
	5+50		
E		3.7	337.5
+1		4.9	36.3
+4		5.0	36.2
+5		3.7	37.5
crk		3.7	37.5
1/4		3.7	37.5
M		3.8	337.4
1/4		3.8	37.4
crk		3.8	37.4
W		3.9	337.3

341.24

5+75

W	3.9	337.3
crb	3.8	37.4
1/4	3.8	37.4
M	3.9	337.3
1/4	4.0	37.2
crb	3.9	37.3
E	3.7	337.5

6+0 = N.L. Dwight St 60' wide

E	4.1	337.1
+1	4.4	36.8
+1	5.4	35.8
+4	5.8	35.4
+5	4.0	37.2
crb	3.4	37.8
1/4	4.1	37.1
M	4.1	337.1
1/4	4.1	37.1
crb	4.0	37.2
W	3.9	337.3

341.24

N. 00 Pb.

W	4.3	336.9
crb	4.2	37.0
1/4	4.3	36.9
M	4.2	337.0
1/4	4.5	36.7
crb	3.7	37.5
+4	4.2	37.0
+5	5.3	35.9
+8	5.5	35.7
+9	4.2	37.0
E.	4.2	337.0

N. 1/4

E	4.0	337.2
+2	4.3	36.9
+3	5.5	35.7
+5	5.5	35.7
+6	4.1	37.1
crb	3.7	37.5
1/4	4.1	37.1
M	4.4	336.8
1/4	4.4	36.8
crb	4.4	36.8
W	4.3	336.9

	341.24		
	Center		
W	4.4	336.8	
Crb	4.5	36.7	
"a	4.5	36.7	
M	4.6	336.6	
"a	4.3	36.9	
Crb	4.0	37.2	
E	4.0	337.2	
	S "a		
E	4.1	337.1	
Crb	4.2	37.0	
"a	4.5	36.7	
M	4.5	336.7	
"a	4.6	36.6	
Crb	4.4	36.8	
W	4.6	336.6	

	341.24		
	S. Curb		
W	4.7	336.5	
Crb	4.4	36.8	
"a	4.7	36.4	
M	4.6	336.6	
"a	4.4	36.7	
Crb	4.1	37.1	
E	4.1	337.1	
	S.L.-Dright		
E	4.2	337.0	
Crb	4.4	36.8	
"a	4.1	37.1	
M	4.8	336.4	
"a	4.7	36.5	
Crb	4.6	36.6	
W	4.9	336.3	

341.24

0+25 5 of Dright

W	5.2	336.0
Crb	5.1	36.1
1/4	5.3	35.9
N	5.1	336.1
1/4	4.9	36.3
Crb	4.5	36.7
E	4.7	336.5

0+50

E	4.6	336.6
Crb	4.7	36.5
1/4	5.0	36.2
N	5.5	335.7
1/4	5.4	35.8
Crb	5.4	35.8
W	5.3	335.9

341.24

0+75

W	5.7	335.5
Crb	5.1	36.1
1/4	5.6	35.6
N	5.6	335.6
1/4	5.5	35.7
Crb	5.0	36.2
E	4.9	336.3

1+0

E	5.3	335.9
Crb	5.5	35.7
1/4	5.6	35.6
N	5.8	335.4
1/4	5.5	35.7
Crb	5.8	35.4
W	5.9	335.3

		341.24			
		1+25			
W			5.8	335.4	
crb			5.6	35.6	
"a			5.7	35.5	
M			5.9	335.3	
"a			5.5	35.7	
crb			5.5	35.7	
E			5.3	335.9	
		1+50			
E			5.8	335.4	
crb			6.0	35.2	
"a			5.9	35.3	
M			6.0	335.2	
"a			5.8	35.4	
crb			6.1	35.1	
W			5.9	335.3	

		341.24			
		1+75			
W			6.1	335.1	
crb			5.8	35.4	
"a			5.8	35.4	
M			6.2	335.0	
"a			6.1	35.1	
crb			5.8	35.4	
E			5.9	335.3	
		2+0			
E			5.8	335.4	
crb			5.8	35.4	
"a			6.0	35.2	
M			6.2	335.0	
"a			6.0	35.2	
crb			5.6	35.6	
W			6.2	335.0	

18		341.24		
		2+25		
W			6.4	334.8
Crb			6.0	35.2
"9			6.0	35.2
N			6.2	335.0
"9			6.0	35.2
Crb			5.9	35.3
E			5.8	335.4
		2+50		
E			6.0	335.2
Crb			6.0	35.2
"9			6.2	35.0
N			6.9	334.3
"9			6.5	34.7
Crb			6.6	34.6
W			6.7	334.5
T.P.	3.70	338.34	6.60	334.64

		338.34		
		2+75		
W			4.1	334.2
Crb			3.9	34.4
"9			4.1	34.2
N			4.3	334.0
"9			3.9	34.4
Crb			3.9	34.4
E			3.9	334.4
		3+0		
E			4.0	334.3
Crb			4.0	34.3
"9			4.4	33.9
N			4.4	333.9
"9			4.3	34.0
Crb			4.3	34.0
W			4.5	333.8

	338.34		
	3+25		
W		4.5	333.8
Crb		4.9	33.4
"a		4.5	33.8
M		4.6	333.7
"a		4.3	34.0
Crb		4.2	34.1
E.		4.2	334.1
	3+50		
E		4.1	334.2
Crb		4.3	34.0
"a		4.5	33.8
M		4.5	333.8
"a		4.3	34.0
Crb		4.3	34.0
W		4.9	333.4

	338.34		
	3+75		
W		4.6	333.7
Crb		4.6	33.7
"a		4.6	33.7
M		4.7	333.6
"a		4.6	33.7
Crb		4.5	33.8
E		4.9	333.9
	4+0		
E		4.5	333.8
Crb		4.8	33.5
"a		4.9	33.4
M		4.8	333.5
"a		5.4	32.9
Crb		5.0	33.3
W		4.8	333.5

		338.34			
		4+25			
W			5.0	333.3	
Crb			5.0	33.3	
"4			4.9	33.4	
M			5.2	333.1	
"4			5.0	33.3	
Crb			4.9	33.4	
E			5.0	333.3	
		4+50			
E			5.4	332.9	
Crb			5.5	32.8	
"4			5.7	32.6	
M			5.3	333.0	
"4			5.3	33.0	
Crb			5.5	32.8	
W			5.2	333.1	

		4+75			
W			5.9	332.4	
Crb			5.9	32.4	
"4			5.6	32.7	
M			5.7	332.6	
"4			5.7	32.6	
Crb			5.5	32.8	
E			5.6	332.7	
		5+0			
E			5.7	332.6	
Crb			5.6	32.7	
"4			5.8	32.5	
M			5.7	332.6	
"4			5.9	32.4	
Crb			6.1	32.2	
W			6.1	332.2	
T.P	3.35	335.47	6.23	332.12	

335.47

5+25

W	3.8	331.7
crb	3.6	31.9
"	3.2	32.3
M	3.1	332.4
"	3.2	32.3
crb	3.2	32.3
E	3.2	332.3

5+50

E	3.5	332.0
crb	3.4	32.1
"	3.6	31.9
M	3.7	331.8
"	3.8	31.6
crb	3.9	31.6
W	4.0	331.5

5+75

W	4.8	330.7
crb	4.5	31.0
"	4.3	31.2
M	4.3	331.2
"	4.3	31.2
crb	4.1	31.4
E	4.1	331.4

6+0 = N.L. Myrtle 5+60 wide

E	4.3	331.2
crb	4.3	31.2
"	4.7	30.8
M	5.1	330.4
"	4.8	30.7
crb	4.9	30.6
W	5.2	330.3

335.47

N. curb

N	4.8	330.7
crb	5.0	30.5
"9	5.3	30.2
M	5.2	330.3
"9.	5.0	30.5
crb.	4.7	30.8
E	4.7	330.8

N. "9

E	5.0	330.5
crb	5.1	30.4
"9	5.4	30.1
M	5.5	330.0
"9	5.5	30.0
crb	5.5	30.0
W	5.7	329.8

Center

W	5.6	329.9
crb	5.5	30.0
"9	5.5	30.0
M	5.5	330.0
"9	5.5	30.0
crb	5.3	30.2
E	5.2	330.3

S "9

E	5.5	330.0
crb	5.7	29.8
"9	5.7	29.8
M	5.8	329.7
"9	5.8	29.7
crb	5.7	29.8
W	5.8	329.7

335.47

5 curb

W	5.7	329.8
Crb	5.7	29.8
"a	5.8	29.7
M	5.8	329.7
"a	5.8	29.7
Crb	5.7	29.8
E	5.7	329.8

5.4 Myrtle St.

E	5.7	329.8
Crb	5.7	29.8
"a	5.7	29.8
M.	5.9	329.6
"a	5.8	29.7
Crb	5.8	29.7
W	5.7	329.8

0+25 S.

W	6.0	329.5
Crb	6.0	29.5
"a	6.1	29.4
M	6.3	329.2
"a	6.1	29.4
Crb	6.2	29.3
E	6.1	329.4

0+50

E	6.5	329.0
Crb	6.5	29.0
"a	6.4	29.1
M	6.2	329.3
"a	6.2	29.3
Crb	6.3	29.2
W	6.3	329.2

	335.47		
	0+75		
W		6.7	328.8
Crb		6.8	28.7
"4		6.7	28.8
N		6.7	328.8
"4		6.6	28.9
Crb		6.8	28.7
E.		6.7	328.8
	1+0		
E		7.1	328.4
Crb		7.0	28.5
"4		6.9	28.6
N		7.0	328.5
"4		7.1	28.4
Crb		7.1	28.4
W		7.2	328.3

	1+25		
W		7.3	328.2
Crb		7.5	28.0
"4		7.4	28.1
N		7.5	328.0
"4		7.5	28.0
Crb		7.2	28.3
E		7.2	328.3
	1+50		
E		7.4	328.1
Crb		7.4	28.1
"4		7.8	28.1
N		7.9	327.6
"4		7.8	27.7
Crb		7.8	27.7
W		7.8	327.7

335.47

1+75

W	8.0	327.5
Crb	8.0	27.5
1/4	7.9	27.6
M	8.0	327.5
1/4	7.9	27.6
Crb	8.1	27.4
E	8.2	327.3

2+0

E	8.3	327.2
Crb	8.3	27.2
1/4	8.1	27.4
M	8.3	327.2
1/4	8.3	27.2
Crb	8.3	27.2
W	8.4	327.1

2+25

W	9.0	326.5
Crb	8.8	26.7
1/4	8.6	26.9
M	8.6	326.9
1/4	8.4	27.1
Crb	8.5	27.0
E	8.6	326.9

2+50

E	8.6	326.9
Crb	8.6	26.9
1/4	8.8	26.7
M	8.9	326.6
1/4	9.2	26.3
Crb	9.2	26.3
W	9.5	326.0

335.47

2+70

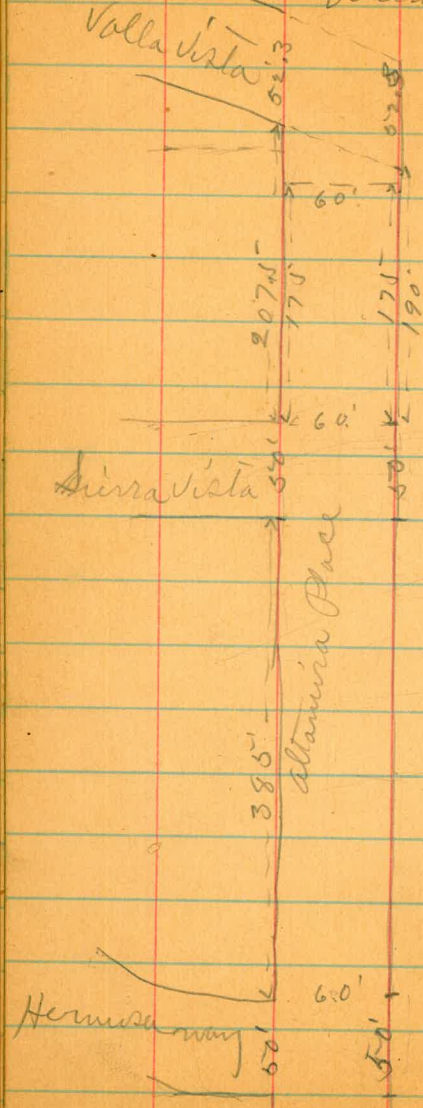
W	10.0	325.5
crb	9.8	25.7
"a	9.7	25.8
N	9.4	326.1
"a	9.3	26.2
crb	9.2	26.3
E	9.1	326.4

3+00 = S.L. Pueblo Lot 1127

E	9.4	326.1
crb	9.4	26.1
"a	9.4	26.1
N	9.7	325.8
"a	9.8	25.7
crb	9.9	25.6
N	10.3	325.2

Xsection altamira Place from west side
Valla Vista to east line Hermosa way Apr 16/10

Childs
Barber
Taylor



Curb Levels "E" st 6th st to 7th st

12/23/09 Dunkle Shaw

B.M. brass Plg 7th & "E" S.W.				45.48	Dryer
		E.L. 6th st			
B.M.	2.86	48.34			
N. Crb			4.9	43.44	43.40
S "			6.0	42.34	42.40
		0+25			
S "			5.6	42.74	42.66
N "			4.5	43.84	43.66
		0+50			
N "			4.2	44.14	43.92
S "			5.4	42.94	42.92
		0+75			
S "			5.0	43.34	43.19
N "			3.8	44.54	44.19
		1+0			
N "			3.4	44.94	44.45
S "			4.6	43.74	43.45

1+02.5 on S. & 1+06 on N					
S. Crb			4.4	43.94	43.48
N "			3.8	44.54	44.51
		1+25			
N. Crb			3.6	44.74	44.71
S "			4.3	44.04	43.71
		1+50			
S "			4.1	44.24	43.97
N "			3.3	45.04	44.97
		1+75			
N "			3.2	45.14	45.24
S "			3.9	44.44	44.24
		2+0 = W.L. 7th st			
S "			3.6	44.74	44.50
N "			2.9	45.44	45.50

4 Clough
6 Donnan
10 Rogers

Crossection of Altamira Place (60)

W.L. of Valle Vista to E Line Hermosa Way

See Page 65

	151	279.32	2	277.81	Monument Siera Vista Altamira Pl
	W Line of Siera Vista (50)				
SL			1.6	277.7	
bh			2.2	277.1	
4			2.5	276.8	
b			2.5	276.8	
4			2.6	276.7	
bh			2.7	276.6	
NL			2.4	276.9	
	25'	W of Siera Vista			
NL			2.5	276.8	
bh			2.5	276.8	
4			2.7	276.6	
b			2.8	276.5	
4			2.6	276.7	
bh			2.5	276.8	
SL			2.6	276.7	

279.32 Altamira

	50'	W of Siera Vista		
SL			2.9	276.4
bh			2.3	277.0
4			2.6	276.7
b			2.9	276.4
4			2.8	276.5
bh			2.9	276.4
NL			3.3	276.0
	75'	W of Siera Vista		
NL			4.4	274.9
bh			4.1	275.2
4			3.9	276.4
b			3.6	275.7
4			3.4	275.9
bh			3.0	276.3
SL			3.3	276.0

		279.32		
	100'	N of	Siera Vista.	
Sd			4,7	274.6
bb			4,4	274.9
y			4,3	275.0
b			4,4	274.9
y			5,0	274.3
bb			5,5	273.8
nd			6,0	273.3
	125'	N of	Siera Vista	
nd.			7,0	272.3
bb			6,6	272.7
y			6,2	273.1
b			5,8	273.5
y			5,5	273.8
bb			5,4	273.9
Sd			5,9	273.4

		279.32		
	150'	N of	Siera Vista	
Sd			7,0	272.3
bb			6,6	272.7
y			6,8	272.5
b			6,8	272.5
y			7,2	272.1
bb			7,6	271.7
nd			8,2	271.1
	175'	N of	Siera Vista	
nd			8,7	270.6
bb			8,4	270.9
y			8,0	271.3
b			8,1	271.2
y			8,3	271.0
bb			8,6	270.7
Sd			9,0	270.3

27932

190' W on N } = E Line Valle Vista (52,3)
207,5' W on S }

SL			11,1 } 13,1 }	268.2 266.2
bb			10,9	268.4
y			10,7	268.6
b			10,4	268.9
y			9,8	269.5
bb			9,5	269.8
NL			9,9	269.4

E bb of Valle Vista

NL			10,7	268.6
bb			10,6	268.7
y			11,0	268.3
b			11,8	267.5
y			12,0	267.3
bb			12,7	266.6
SL			13,2	266.1

27932

E 1/4 of Valle Vista

SL			14,0	265.3
bb			13,7	265.6
y			13,2	266.1
b			12,5	266.8
y			12,3	267.0
bb			11,8	267.5
NL			11,7	267.6

Center of Valle Vista

NL			12,7	266.6
bb			12,6	266.7
y			12,7	266.6
TP	1,58	270.15	10,75	268.57
b			4,0	266.2
y			4,3	265.9
bb			4,8	265.4
SL			4,9	265.3

W ½ of Valle Vista

SL	5.3	264.9	
bb	5.2	265.0	
4	4.4	265.8	
b	4.4	265.8	
4	4.8	265.4	
bb	4.6	265.6	
NL	4.4	265.8	

Wbb of Valle Vista

NL	5.5	264.7	
bb	5.6	264.6	
4	5.9	264.3	
b	4.9	265.3	
4	4.6	265.6	
bb	5.0	265.2	
SL	5.6	264.6	

W Line of Valle Vista

SL	5.0	265.2	
bb	5.0	265.2	
4	4.9	265.3	
b	5.7	265.1	
4	6.5	264.7	
bb	7.1	263.1	
NL	7.0	263.2	

W Line of Sierra Vista (50)

	7,92	285.73		277,81
SL			8,1	277.6
bb			8,6	277.1
4			8,9	276.8
b			9,0	276.7
4			9.1	276.6
bb			8,9	276.8
nL			8,8	276.9

W Cb of Sierra Vista

nL			8,8	276.9
bb			8,9	276.8
4			8,8	276.9
b			8,7	277.0
4			8,7	277.0
bb			8,8	276.9
SL			8,3	277.4

28573

W 1/4 of Sierra Vista

SL			8,5	277.2
bb			8,5	277.2
4			8,5	277.2
bb			8,6	277.1
4			8,6	277.1
bb			8,8	276.9
nL			8,7	277.0

Center of Sierra Vista

nL			8,8	276.9
bb			8,7	277.0
4			8,6	277.1
b			8,4	277.3
4			8,3	277.4
bb			7,9	277.8
SL			7,9	277.8

28573

E 1/4 of Sierra Vista

SL		8,0	8,0	277.7
bb			8,0	277.7
y			8,0	277.7
b			8,1	277.6
y			8,3	277.4
bb			8,5	277.2
NL			8,8	276.9

E bb of Sierra Vista

NL			8,7	277.0
bb			8,5	277.2
y			8,2	277.3
b			8,0	277.7
y			7,9	277.8
bb			7,9	277.8
SL			7,6	278.1

28573

E Sin of Sierra Vista

SL			7,0	278.7
bb			7,0	278.7
y			7,2	278.5
b			7,6	278.1
y			7,8	277.9
bb			7,9	277.8
NL			8,2	277.5

25' E of Sierra Vista

NL			6,9	278.8
bb			6,4	279.3
y			6,0	279.7
b			5,8	279.9
y			5,5	280.2
bb			5,0	280.7
SL			5,2	280.5

50' E of Sierra Vista

SL	4.6	281.1
bb	4.6	281.1
y	5.0	280.7
b	5.0	280.7
y	5.0	280.7
bb	5.3	280.4
NL	6.0	279.7

75' E of Sierra Vista

NL	5.6	280.1
bb	5.0	280.7
y	5.0	280.7
b	4.0	281.7
y	4.6	281.1
bb	4.3	281.4
SL	4.4	281.3

100 E of Sierra Vista

SL	4.4	281.3
bb	4.5	281.2
y	4.9	280.8
b	4.8	280.9
y	5.2	280.5
bb	5.5	280.2
NL	5.8	279.9

125' E of Sierra Vista

NL	6.2	279.4
bb	5.6	280.1
y	5.0	280.7
b	4.7	281.0
y	5.0	280.7
bb	4.8	279.9
SL	4.6	281.1

285.73

150' E of Sierra Vista

SL	4,6	281.1
bb	4,5	281,2
4	5,0	280.7
b	5,1	280.6
4	5,6	280.1
bb	6,2	279.5
NL	6,7	279.0

175' E of Sierra Vista

NL	6,9	278.8
bb	6,2	279,5
4	5,6	280.1
b	5,2	280.5
4	5,1	280.6
bb	4,6	281.1
SL	4,6	281.1

285.73 altamira

200' E of Sierra vista

SL	4,7	281.0
bb	4,8	279.9
4	5,1	280.6
b	5,6	280.1
4	6,2	279.5
bb	7,1	278.6
NL	7,3	278.4

225' E of Sierra Vista

NL	7,5	278.2
bb	6,4	279.3
4	6,0	279.7
b	5,5	280.2
4	5,2	280.5
bb	4,9	280.8
SL	4,6	281.1

28573

250' E of Sueia Vista

SL		4,8	280.9
bb		4,8	280.7
4		5,4	280.3
b		5,5	280.2
4		5,7	280.0
bb		6,7	279.0
nL		7,3	278.4

275' E of Sueia Vista

nL		7,2	278.5
bb		6,7	269.0
4		6,3	269.4
b		5,8	279.9
4		5,5	280.2
bb		5,2	280.5
SL		5,1	280.6
TP	2,31	28302 5,02	28071

28302

300' E of Sueia Vista

SL		2,4	280.6
bb		2,7	280.3
4		2,9	280.1
b		3,1	279.9
4		3,6	279.4
bb		4,0	279.0
nL		4,4	278.6

325' E of Sueia Vista

nL		5,0	278,0
bb		4,5	278.5
4		4,0	279.0
b		3,7	279.3
4		3,4	279.6
bb		3,4	279.6
SL		3,3	279.7

28302

	350	E of	Sierra Vista	
SL			3,5	279.5
bb			3,6	279.4
y			3,8	279.2
b			4,3	278.7
y			5,1	277.9
bb			5,6	277.4
NL			5,9	277.1
	375	E of	Sierra Vista	
NL			5,5	277.5
bb			5,2	277.8
y			4,9	277.1
b			4,2	278.8
y			4,0	279.0
bb			4,0	279.0
SL			4,0	279.0

28302

Altamira

7C

	385	E = W	Line of Hermosa	Way (50)
SL			4,3 / 5,4	278.7 / 277.6
bb			4,2	278.8
y			4,4	278.6
b			4,8	278.2
y			5,3	277.7
bb			5,4	277.6
NL			5,6	277.4
	W bb of		Hermosa	
NL			5,6	277.4
bb			5,5	277.5
y			5,4	277.6
b			5,2	277.8
y			5,0	278.0
bb			5,2	277.8
SL			5,8	277.2

28302

W 1/4 of Hermosa

SL	6.3	276.7
bb	5.5	277.5
y	5.5	277.5
b	5.3	277.7
y	5.5	277.5
bb	5.8	277.2
NL	5.7	277.3

Center of Hermosa

NL	5.8	277.2
bb	5.9	277.1
y	5.6	277.4
b	5.5	277.5
y	5.4	277.6
bb	5.6	277.4
SL	6.1	276.9

28302

E 1/4 of Hermosa

SL	6.4	276.6
bb	6.1	276.9
y	6.0	277.0
b	5.7	277.3
y	5.8	277.2
bb	6.2	276.8
NL	5.9	277.1

E bb of Hermosa

NL	5.8	277.2
bb	6.1	276.9
y	6.0	277.0
b	5.8	277.2
y	6.0	277.0
bb	6.4	276.6
SL	6.9	276.1

28302

E Line of Hermosa Way

SL	6,4	276.6
bh	6,3	276.7
y	6,2	276.8
b	6,0	2770
y	6,1	276.9
bh	6,1	276.9
nL	6,1	276.9

5/24/10 Hatch Twore Fitzpatrick

Cut Stakes for drain from C-B on 8th

BM 8th C NW
61464
527
66.73 Ht

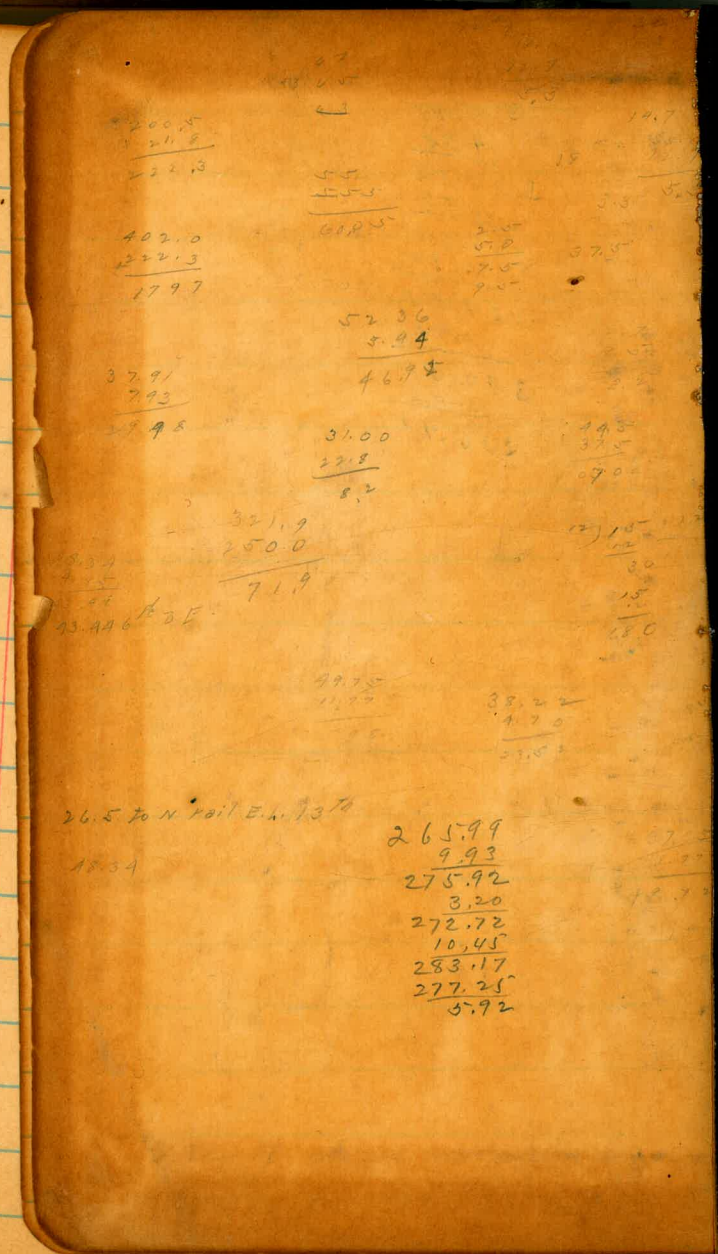
Stakes are set 5' E of Cr of Pipe

				+ −
NL C.	5.10	61.63	57.25	4.38 = 4'-4 5/8"
25	5.42	61.31	56.81	4.50 = 4'-6"
50	5.37	61.36	56.38	4.98 = 4'-11 3/4"
75	5.22	61.51	55.96	5.55 = 5'-6 5/8"
100	5.14	61.59	55.51	6.08 = 6'-1"
125	5.08	61.65	55.08	6.57 = 6'-7"
150	5.01	61.72	54.64	7.08 = 7'-1"
175	4.90	61.83	54.21	7.62 = 7'-7 1/2"
200	4.83	61.90	53.77	8.13 = 8'-1 1/2"
225	4.80	61.93	53.34	8.59 = 8'-7"
250	4.60	62.13	52.91	9.22 = 9'-2 1/2"
275	4.34	62.39	52.47	9.92 = 9'-11"
300	4.30	62.43	52.04	10.39 = 10'-4 3/4"
325	3.85	62.88	51.60	11.28 = 11'-3 1/2"
350	3.15	63.58	51.17	12.41 = 12'-5"
360	2.66	64.07	51.10	13.07 = 13'-1"

335.47
4.44
330.73
6.57
337.30
2.44
334.88
5.13
340.01
3.30
336.71

402.0
201.8
200.2

402.0
221.8
180.2



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RAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
		100.00	0.44	100.00	0.87	99.99	1.31	89
99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
70.71	70.71							
Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
DEGREES		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		