

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

480

400

LEVEL

F.B. 480

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

Small, illegible stamp or logo at the bottom center of the cover.

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 $\frac{1}{2}$	21	49	41	95 $\frac{3}{4}$
2	4 $\frac{3}{4}$	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 $\frac{3}{4}$	46	107 $\frac{1}{2}$
7	16 $\frac{1}{2}$	27	63	47	109 $\frac{1}{2}$
8	18 $\frac{3}{4}$	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 $\frac{3}{4}$
11	25 $\frac{3}{4}$	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 $\frac{3}{4}$	37	86 $\frac{1}{2}$	57	133
18	42	38	88 $\frac{3}{4}$	58	135 $\frac{1}{2}$
19	44 $\frac{1}{2}$	39	91	59	137 $\frac{1}{2}$
20	46 $\frac{3}{4}$	40	93 $\frac{1}{2}$	60	140

TABLE FOR RUNNING ON SLOPES.

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

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

285
 722
 98
 520
 285
 235
 222117
 98
 324
 67
 401

FROM
 Loring's Book Store

From Loring & Co's Book Store

257
471

X-section 9th St from 10th to Robinson
" " 60' wide
see Plot Page 2
Bull. Geol. Surv. Univ. of Wisconsin 282.08

Quintle
Shaver
Doyel 1 2

B.M. 2.39 282.47

T.P. 2.92 271.00 12.39 270.08
T.P. 4.00 266.9³ 8.07 262.93

X-sec A = W.L. 10th

N 4.0 262.9

cut 6.8 260.1

" 9.5 257.4

POSTED

M 12.1 254.8

" 10.3 256.6

cut 5.0 251.9

S 0.7 266.2

X-sec B = W.L. 10th on S. 204.95 on N

S 0.7 266.2

cut 5.0

" 9.8

M 13.4 253.5

" 9.9

cut 6.8

N 4.3 262.6

(note) 11 stations taken at right angles

266.93

0+755 0+84⁵ N

N	2.4	258.5
ck	12.1	264.8
"	15.9	251.0
M	13.2	253.7
"	9.6	257.3
ck	5.8	261.1
S	2.3	264.6

1+05 1+09⁵ N

S	4.0	262.9
ck	6.9	260.0
"	10.7	256.2
M	14.1	252.8
"	15.3	
+2	17.2	
ck	14.1	
N	9.8	257.1

3

1+34⁵ 1+25⁵ N

N	10.6	256.3
ck	14.7	
+5	12.0	
"	17.4	
M	14.4	252.5
"	11.7	
ck	8.2	
S	3.9	263.0

1+505 1+59⁵ N

S	3.1	263.8
ck	7.2	
"	10.9	
M	14.2	252.1
"	17.1	
+4	13.2	
ck	15.5	
N	12.1	254.8

366.93

1484⁵N 1475⁵

N	13.8	253.1
cut	17.7	
+3	18.7	
"A	17.4	
M	14.7	252.2
"A	10.6	
cut	6.5	
S	1.8	265.1

2405 2409³N

S	4.3	262.6
cut	7.3	
"A	11.0	
M	12.3	254.6
"A	18.0	
+6	20.0	
cut	17.3	
N	15.0	251.9

266.9

500 C. 2433² 2414² N 2 214² S

4

N	12.0	254.9
cut	21.1	
"A	18.7	
M	16.4	250.5
"A	12.7	
cut	9.2	
S	5.6	261.3

500 D. 2419² 543 2436² N

S	5.6	261.3
cut	9.5	
"A	13.5	
M	16.7	250.2
"A	19.2	
cut	21.5	
N	15.4	251.5

POSTED

266.93

1-sec E = 2+49⁶ N 2214³ S

N	16.7	250.2
cut	21.8	245.1
"A	18.8	248.1
M	16.6	250.3
"A	13.7	253.2
cut	9.4	257.5
S	5.6	261.3
T.P.	15.6	261.37

2139³ S 2+74⁶ N

S	0.5	260.9
cut	5.7	255.7
"A	9.8	251.6
M	12.0	249.1
"A	14.8	256.16
cut	17.1	244.3
N	11.9	249.5

261.37

2+99⁶ N 2 2+64³ S.L.

N	8.8	252.6
cut	11.9	249.5
"A	15.4	246.0
+ 4	17.5	243.9
M	15.1	246.3
"A	12.8	248.6
cut	9.2	252.2
S	4.6	256.8
T.P.	15.6	261.37

2189³ S 2 3+24⁶ N.L.

S	7.6	253.8
cut	10.9	250.5
"A	14.7	246.7
M	17.8	243.6
"A	14.2	247.2
cut	11.2	250.2
N	8.4	253.0
T.P.	5.36	255.50

255.50

3+49⁶ N 3 314³ 5

N	4.2	251.3
erb	6.3	249.2
"4	8.2	247.3
N	9.6	245.9
"4	11.8	243.7
erb	8.6	246.9
S ₁	5.7	249.8

1-sec F 3+25⁵ 3 3+63² N

S	4.1	251.4
erb	7.7	247.8
"4	12.1	243.4
N	11.0	244.5
"4	9.5	246.0
erb	7.7	247.8
N	5.7	249.6

6

1-sec G 3+73² N L 3 3+28⁵ S L

N	7.6	247.9
erb	8.2	247.3
"4	10.3	245.2
N	12.0	243.5
"4	12.1	243.4
erb	7.6	247.9
S	4.1	251.4

1-sec H 3+83⁶ N L 3 3+28⁵ S L

S	4.1	251.4
erb	7.4	248.1
"4	11.4	249.1
+5	13.8	241.7
N	12.2	243.3
"4	11.2	244.3
erb	9.5	246.0
N	8.9	246.6

30550

4+08⁵ N.L.B 3+53⁵ S.L.

N	11.3	244.2
erb	14.7	240.8
"A	12.7	242.8
M	11.0	244.5
"A	8.8	246.7
erb	5.0	250.5
S	0.3	255.2

3+78⁵ S 8+33⁶ N

S	1.1	254.5
erb	9.9	250.6
"A	8.1	247.8
M	10.6	244.9
"A	12.6	242.9
erb	13.9	241.6
N	11.4	244.1

4+58⁶ N.L.B 4+03⁵ S.L.

N	11.0	244.5
erb	15.2	240.3
"A	13.3	242.2
M	12.3	243.2
"A	10.2	245.3
erb	7.6	247.9
S	4.4	251.1

4+78⁵ S.L.B 4+83⁶ N.L.

S	7.6	247.9
erb	10.5	245.0
"A	13.2	242.3
M	15.4	240.1
"A	15.1	240.4
erb	12.9	243.1
N	9.7	245.8
T.P.	9.9	251.99
	12.70	242.80

7

5+08⁶ N. L. 8 4+53⁵ 5

N	5.8	246.2
crk	9.4	242.6
"A	10.5	241.2
M	12.3	239.7
+5	13.9	238.1
"A	12.4	239.6
crk	9.0	243.0
5	5.4	246.6

4+28⁵ 5.2 5+33⁶ N

5	3.9	248.1
crk	9.7	243.3
"A	14.9	237.6
M	12.1	239.9
"A	10.5	241.2
crk	8.9	243.1
N	6.4	245.6

5+58⁶ N. L. 8 5+08⁵ 5.1

N	6.8	245.2
crk	9.9	242.1
"A	13.4	238.6
M	14.2	237.8
"A	11.3	240.7
crk	6.1	.9
5	1.4	250.6

5+28⁵ 5.1.2 5+30⁶ N. L.

5	11.3	250.7
crk	9.9	247.1
"A	9.5	242.5
M	13.5	238.5
"A	14.8	237.2
crk	13.0	239.0
N	9.2	242.8

X-sec "I" - 6727 N.L. 85752 S.L.

N	9.7	242.3
erb	14.3	237.7
"	15.2	236.8
N	12.7	239.3
"	10.0	242.0
erb	7.2	244.8
S	3.3	248.7

X-sec "J" - 5720² S.L. 8.6735² on N.L.

S	9.9	242.6
erb	11.2	240.8
"	13.2	238.8
N	15.6	236.4
"	15.9	236.6
erb	15.3	236.7
N	13.3	238.7

X-sec "K"

N	15.2	236.8
erb	15.9	236.6
"	15.8	236.2
N	16.3	235.7
"	15.1	236.9
erb	13.3	238.7
S	11.4	240.6

X-sec "L" - N.L. Robinson

S	16.9	235.1
erb	17.0	235.0
"	16.5	235.5
N	15.7	236.1
"	14.7	237.3
erb	15.0	237.0
N	13.9	237.1

POSTED

x-section Kansas St. University to $\frac{1}{2}$ Dunkle
 UPAS " 80' wide 109 Shaw
 B.M. RR. S.W. University of Kansas 354.43 Sigil

0+50

B.M.	357.54		F	2.3	355.2
	S. University		cut	3.1	354.4
F	3.3	354.2	"	2.9	354.6
cut	3.5	354.0	M	2.5	355.0
"	3.8	353.7	"	3.0	354.5
M	4.0	353.5	cut	3.5	354.0
"	4.5	353.0	"	3.9	353.6
cut	3.4	354.1			
"	3.7	353.8	"	6.4	351.1
	0+255		cut	5.0	352.2
"	3.6	353.9	"	5.5	352.0
cut	3.6	353.9	"	5.1	352.4
"	2.7	354.8	"	4.6	352.9
M	3.3	354.2	cut	5.0	352.5
"	3.1	354.4	E	4.5	353.0
cut	3.0	354.5			
F	2.8	354.7			

0+75

352.59

Kansas

140

F	4.5	353.0
erb	5.3	352.2
"	5.0	352.5
M	6.0	351.5
"	5.5	352.0
erb	6.0	351.5
W	7.2	350.8

1425

W	6.6	350.9
erb	7.5	350.0
"	5.9	351.6
M	6.3	351.2
"	5.2	352.3
erb	4.9	352.6
F	5.1	352.4

1450

12

F	5.8	351.7
erb	6.7	350.8
"	7.1	350.4
M	6.9	350.6
"	7.5	350.0
erb	7.8	349.7
W	7.5	350.0

1475

W	7.8	349.7
erb	8.0	349.5
"	7.7	349.8
M	7.9	349.6
"	6.8	350.7
erb	6.5	351.0
F	6.2	351.3

357.54

Kansas

2+0

E	7.5	350.0
Crk	6.5	351.0
"A	7.7	349.8
M	7.7	349.8
"A	7.0	350.5
Crk	8.1	349.4
W	8.3	349.2

2+25

W	8.9	348.6
Crk	8.2	349.3
"A	8.3	349.2
M	8.7	348.8
"A	8.5	349.0
Crk	8.1	349.4
E	8.0	349.5

13

2+50

E	6.7	350.8
Crk	8.5	349.0
"A	8.8	348.7
M	9.0	348.5
"A	8.4	349.1
Crk	8.7	348.8
W	9.2	348.3

2+75

W	9.0	348.5
Crk	9.5	348.0
"A	7.5	350.0
M	7.5	350.0
"A	9.0	348.5
Crk	9.0	348.5
E	8.6	348.9

357.54

Kansas

340 = N.L. right man 20' wide

F	9.3	348.2
erb	8.9	348.6
"	9.1	348.4
M	9.7	347.8
"	9.0	348.5
erb	9.3	348.2
W	9.7	347.8

N corb

W	9.7	347.8
erb	9.0	348.5
"	9.3	348.2
M	9.0	348.5
"	9.6	347.9
erb	9.3	348.2
E	8.8	348.7

14

N "A

F	9.0	348.5
erb	9.8	347.7
"	9.8	347.7
M	8.8	348.7
"	8.8	348.7
erb	9.4	348.1
W	9.4	348.1

center

W	8.9	348.6
erb	9.8	347.7
"	9.5	348.0
M	8.8	348.7
"	9.6	347.9
erb	9.1	348.4
E	8.9	348.6

357.54

Kansas

S "4

E	8.4	349.1
crk	9.1	348.4
"4	9.4	348.1
M	10.0	347.5
"4	10.1	347.4
crk	10.3	347.2
W	9.8	347.7

S. CURB

W	9.9	347.6
crk	9.7	347.8
"4	9.8	347.7
M	9.9	347.6
"4	9.6	347.9
crk	9.9	347.6
E	9.2	348.3

15

S. Nightman

E	9.7	347.8
crk	10.0	347.5
"4	9.7	347.8
M	9.0	348.5
"4	10.1	347.4
crk	9.4	348.1
W	10.5	347.0

0425.5

W	9.8	347.7		
crk	9.9	347.6		
"4	10.6	346.9		
M	10.8	346.7		
"4	10.0	347.5		
crk	9.8	347.7		
E	10.1	347.4		
T.P.	3.44	350.98	10.0	347.54

350.98

Kansas

0750

E	3.6	347.4
erb	3.7	347.3
"4	4.3	346.7
M	4.0	347.0
"4	3.9	347.6
erb	4.1	346.9
W	4.5	346.5

0775

W	4.4	346.6
erb	4.5	346.5
"4	4.4	346.6
M	4.4	346.6
"4	4.6	346.4
erb	4.1	346.9
E	4.9	346.6

170

16

E	4.3	346.7
erb	4.5	346.5
"4	5.1	345.9
M	4.6	346.4
"4	4.0	347.0
erb	5.0	346.0
W	5.4	345.6

1725

W	5.5	345.5
erb	5.1	345.9
"4	5.9	345.6
M	5.9	345.6
"4	5.2	345.8
erb	4.4	346.6
E	3.7	347.3

350.98

Kansas

1750

E	5.2	345.8
erb	4.8	346.2
"4	5.2	345.8
M	5.2	345.8
"4	4.2	346.8
erb	5.3	345.7
W	5.5	345.5

1775

W	5.8	345.2
erb	5.1	345.9
"4	5.6	345.4
M	5.5	345.5
"4	5.5	345.5
erb	4.7	346.3
E	5.4	345.6

270

17

E	5.0	346.0
erb	6.0	345.0
"4	6.2	344.8
M	6.1	344.9
"4	6.0	345.0
erb	6.2	344.8
W	6.2	344.8

2725

W	6.5	344.6
erb	5.6	345.4
"4	5.8	345.2
M	6.2	344.8
"4	5.7	345.3
erb	5.3	345.7
E	6.0	345.0

350.98

Kansas

18

2+50

E	6.8	344.2
crk	6.8	344.2
"A	6.2	344.8
M	5.9	345.1
"A	6.3	344.7
crk	6.1	344.9
W	6.1	344.9

2+75

W	6.5	344.5
crk	6.6	344.4
"A	6.6	344.4
M	6.1	344.9
"A	6.5	344.5
crk	5.6	345.4
E	5.9	345.1

3+0=N.L. Gunn st 80'

E	6.8	344.2
crk	6.8	344.2
"A	6.5	344.5
M	6.3	344.7
"A	6.8	344.2
crk	6.5	344.5
W	7.1	343.9

N crk

W	7.3	343.7
crk	6.8	344.2
"A	6.5	344.5
M	6.8	344.2
"A	6.9	344.1
crk	6.8	344.2
E	5.8	345.2

POSTED

350.98

Kansas

N "9

E	6.4	344.6
erb	6.9	344.1
1/9	6.8	344.2
M	6.4	344.6
1/9	6.5	344.5
erb	7.0	344.0
W	3.3	347.7

Center

W	6.5	344.5
erb	7.2	343.8
1/9	7.2	343.8
M	7.1	343.9
1/9	7.3	343.7
erb	7.0	344.0
E	7.4	343.6

S "9

19

E	7.2	343.8
erb	7.2	343.8
1/9	7.2	343.8
M	7.1	343.9
1/9	7.5	343.5
erb	7.5	343.5
W	6.7	344.3

S Curve

W	7.7	343.3
erb	7.7	343.3
1/9	7.6	343.4
M	7.4	343.6
1/9	7.2	343.8
erb	6.8	344.2
E	7.0	344.0

U.S.

350.98

Kansas

20

S. J. Gunn St

0+50

E	7.5	343.5
erb	7.2	343.8
"A	7.4	343.6
M	6.9	344.1
"A	7.5	343.5
erb	7.9	343.1
W	8.1	342.9

E	6.8	344.2
erb	7.9	343.1
"A	8.2	342.8
M	8.0	343.0
"A	8.1	342.9
erb	8.4	342.6
W	8.0	343.0

0+25 S

0+75

W	7.9	343.1
erb	8.0	343.0
"A	7.9	343.1
M	7.6	343.4
"A	8.2	342.8
erb	7.9	343.1
E	7.8	343.2

W	8.4	342.6
erb	8.6	342.4
"A	6.9	344.1
M	7.8	343.2
"A	8.2	342.8
erb	8.3	342.7
E	7.9	343.1

T.P. 4.47 247.20 8.25 242.73

247.20

Kansas

21

140

F	4.9	342.3
erb	4.6	342.6
1/4	4.8	342.4
M	5.2	342.0
1/4	4.5	342.4
erb	5.0	342.2
W	4.9	342.3

1425

W	5.2	342.0
erb	4.8	342.4
1/4	4.1	343.1
M	4.5	342.7
1/4	4.7	342.5
erb	4.8	342.4
E	4.1	343.1

1450

F	4.8	342.4
erb	5.3	341.9
1/4	4.8	342.4
M	5.0	342.2
1/4	3.9	343.3
erb	5.0	342.2
W	5.1	342.1

1475

W	4.9	342.3
erb	4.9	342.3
1/4	5.2	342.0
M	5.2	342.0
1/4	5.6	341.6
erb	5.0	342.2
E	5.0	342.2

347.20

Kansas

22

210

E	4.9	342.3
erb	5.0	342.2
"A	5.3	341.9
M	5.4	341.8
"A	4.9	342.3
erb	5.5	341.7
W	5.0	342.2

2125

W	5.2	342.0
erb	5.3	341.9
"A	4.6	342.6
M	4.9	342.3
"A	5.1	342.1
erb	5.7	341.5
E	5.3	341.9

2150

E	5.5	341.7
erb	4.9	342.3
"A	5.1	342.1
M	5.4	341.8
"A	5.7	341.5
erb	5.6	341.6
W	5.6	341.6

2175

W	5.4	341.8
erb	5.6	341.6
"A	5.0	342.2
M	4.5	342.7
"A	5.7	341.5
erb	5.9	341.3
E	6.0	341.2

POSTED

347.20

Kansas

340 = N.L. Land's st 80'

E	5.3	341.9
cut	5.2	342.0
"A	5.9	341.3
M	5.8	341.4
"A	6.0	341.2
cut	6.0	341.2
W	5.7	341.8

N cut

W	5.7	341.5
cut	6.2	341.0
"A	6.3	340.9
M	5.6	341.6
"A	6.0	341.2
cut	5.9	341.3
E	5.6	341.6

N "A

23

E	6.7	340.5
cut	6.1	341.1
"A	6.4	340.8
M	6.1	341.1
"A	7.1	340.1
cut	6.3	340.9
W	6.4	340.8

center

W	6.2	341.0
cut	6.5	340.7
"A	7.0	340.2
M	6.8	340.4
"A	6.4	340.8
cut	6.2	341.0
E	6.2	341.0

5

347.20

Kansas

5 "4

E	5.9	341.3
erb	6.4	340.8
"A	6.3	340.9
M	6.5	340.7
"A	6.2	341.0
erb	6.3	340.9
W	6.5	340.7

S. C. K. L.

W	6.7	340.5
erb	6.4	340.8
"A	5.7	341.5
M	6.4	340.8
"A	6.4	340.8
erb	6.5	340.7
E	6.3	340.9

24

S. L. Landis

E	6.3	340.9
erb	6.5	340.7
"A	6.9	340.3
M	6.4	340.8
"A	6.6	340.6
erb	6.6	340.6
W	6.9	340.3

0.4255

W	6.7	340.5
erb	6.7	340.5
"A	5.8	341.4
M	6.6	340.6
"A	6.6	340.6
erb	7.2	340.0
E	6.7	340.5

347.20

Kansas

0450

F	7.0	340.2
erb	6.6	340.6
"A	5.9	341.3
M	7.0	340.2
"A	7.3	339.9
erb	6.8	340.4
W	7.1	340.1

0475

W	7.5	339.7		
erb	7.3	339.9		
"A	7.3	339.9		
M	7.0	340.2		
"A	7.1	340.1		
erb	6.9	340.3		
F	7.2	340.6		
T. P.	4.52	345.11	6.61	340.59

345.11

25

170

E	4.5	340.6
erb	5.2	339.9
"A	5.2	339.9
M	5.8	339.3
"A	5.6	339.5
erb	5.4	339.7
W	4.3	340.8

1725

W	5.6	339.5
erb	5.9	339.2
"A	5.7	339.4
M	4.7	340.4
"A	5.2	339.9
erb	5.3	339.8
F	5.8	339.3

345.11

Kansas

1450

F	5.7	339.4
erb	5.9	339.2
"A	5.4	339.7
M	5.4	339.7
"A	5.3	339.8
erb	5.7	339.4
W	5.6	339.5

1475

W	5.8	339.3
erb	5.8	339.3
"A	5.7	339.4
M	5.4	339.7
"A	5.9	339.2
erb	5.1	340.0
F	5.1	340.0

270

F	6.0	339.1
erb	6.2	338.9
"A	6.0	339.1
M	6.0	339.1
"A	5.7	339.4
erb	5.4	339.7
W	6.0	339.1

2725

W	6.2	338.9
erb	6.3	338.8
"A	6.3	338.8
M	6.2	338.9
"A	6.2	338.9
erb	6.6	338.5
F	6.4	338.7

345.11

Kansas

2+50

E	6.5	338.6
erb	6.6	338.5
"A	6.0	339.1
"A	6.1	339.0
"A	6.4	338.7
erb	6.2	338.9
W	6.5	338.6

2+75

W	7.0	338.1
erb	6.9	338.2
"A	6.8	338.3
"A	6.7	338.4
"A	6.8	338.3
erb	7.2	337.9
E	6.8	338.3

123456

370 = N.L. Dwight, 80

27

E	6.8	338.8
erb	7.3	337.8
"A	7.0	338.1
"A	6.8	338.3
"A	7.3	337.8
erb	7.8	337.3
W	7.6	337.5

N COR 6

W	7.6	337.5
erb	7.6	337.5
"A	7.5	337.6
"A	7.5	337.6
"A	7.6	337.5
erb	7.6	337.5
E	7.6	337.5

POSTED
337.5

345.11

Kansas

N 1/4

E	7.0	338.1
erb	7.3	337.8
1/4	7.7	337.4
M	7.5	337.6
1/4	6.6	338.5
erb	7.1	338.0
W	8.0	337.1

center

W	8.4	336.7
erb	7.8	337.3
1/4	6.9	338.2
M	7.7	337.4
1/4	8.0	337.1
erb	7.7	337.4
E	6.9	338.2

S 1/4

28

E	7.2	337.9
erb	7.8	337.3
1/4	8.0	337.1
M	7.8	337.3
1/4	8.0	337.1
erb	8.4	336.7
W	8.3	336.8

S curb

W	7.6	336.5
erb	8.5	336.6
1/4	8.2	336.9
M	7.3	337.8
1/4	7.2	337.9
erb	7.9	337.2
E	7.8	337.3

S. L. Dwight St

E	8.1	337.0
erb	8.2	336.9
"A	7.8	337.3
M	8.3	336.8
"A	8.4	336.7
erb	8.6	336.5
W	8.7	336.4

0+20-5

rr	8.8	336.8
erb	7.6	337.5
"A	8.7	336.4
M	8.9	336.2
"A	8.3	336.8
erb	7.4	337.7
E	7.4	337.7

0+50

E	7.6	337.5
erb	8.9	336.2
"A	9.3	335.8
M	9.3	335.8
"A	9.1	336.0
erb	9.2	335.9
W	8.2	336.9

T.R. 9.27 3 22.26 7.12 737.99

0+75

rr	6.5	335.8
erb	6.7	335.6
"A	6.3	336.0
M	6.1	336.2
"A	6.5	335.8
erb	6.6	335.7
E	6.1	336.2

34220

Kansas

140

F	6.0	336.3
erb	6.8	335.5
"4	7.0	335.3
"4	7.0	335.3
"4	7.0	335.3
erb	7.0	335.3
W	7.1	335.2

1425

W	6.9	335.4
erb	7.3	335.0
"4	6.6	335.7
"4	5.7	336.6
"4	6.9	335.4
erb	7.2	335.1
F	7.4	334.9

1450

30

F	7.7	334.6
erb	7.7	334.6
"4	7.6	334.7
"4	7.7	334.6
"4	7.6	334.7
erb	7.9	334.4
W	7.8	334.5

1475

W	7.8	334.5
erb	8.1	334.2
"4	8.0	334.3
"4	7.5	334.8
"4	7.6	334.7
erb	7.5	334.8
F	7.5	334.8

342.26

Kansas

270

E	7.8	334.5
crb	8.0	334.3
"4	8.0	334.3
M	7.7	334.6
"4	8.2	334.1
crb	8.0	334.3
W	7.9	334.9

272.5

W	7.3	335.0
crb	7.9	334.4
"4	8.2	334.1
M	8.9	333.9
"4	8.5	333.8
crb	8.3	334.0
E	8.0	334.3

2750

31

F	8.1	334.2
crb	8.2	334.1
"4	8.5	333.8
M	8.9	333.4
"4	8.4	333.9
crb	8.3	334.0
W	9.1	333.2

277.5

W	9.1	333.2
crb	8.8	333.5
"4	8.9	333.4
M	8.9	333.4
"4	8.3	334.0
crb	6.9	335.4
E	7.3	335.0

POSTED

34226

Kansas

370-11. Coors 80'

E	8.9	333.4
erb	9.0	333.3
"4	8.8	333.5
M	8.2	333.9
"4	9.0	333.3
erb	9.3	333.0
W	8.7	333.6
N curb		
W	8.6	333.7
erb	9.4	332.9
"4	8.6	333.7
M	7.8	334.5
"4	8.6	333.7
erb	8.7	333.6
E	8.6	333.7

32

N "4

E	8.0	334.3
erb	7.7	334.6
"4	8.7	333.6
M	8.7	333.6
"4	9.1	333.2
erb	9.8	332.5
W	9.9	332.4
Center		
W	10.1	332.2
erb	10.0	332.3
"4	9.7	332.6
M	9.0	333.3
"4	8.9	333.4
erb	8.3	334.0
E	8.6	333.7

342.26

Kansas

S "A

E		9.0	333.3
erb		8.6	333.7
"A		8.7	333.6
M		9.5	332.8
"A		9.5	332.8
erb		9.7	332.6
W		9.8	332.5
	S. CURB		
W		9.9	332.9
erb		9.0	333.3
"A		8.8	333.5
M		9.5	332.8
"A		9.0	333.3
erb		9.0	333.3
E		9.1	333.2
T.P.	6.91	340.30	8.87 233.39

340.30

S.L. CAPPS

33

E		7.1	333.2
erb		6.9	333.4
"A		6.2	334.1
M		7.2	333.1
"A		7.4	332.9
erb		7.4	332.9
W		7.0	333.3
	9+25 5		
W		8.1	332.7
erb		7.7	332.6
"A		7.5	332.8
M		7.5	332.8
"A		6.8	333.5
erb		7.1	333.2
E		7.1	333.2

340.30

KANSAS

0450

F	6.6	333.7
Cole	7.1	333.2
"4	6.5	333.8
M	6.0	334.3
"4	7.6	332.7
Cole	8.4	331.9
W	8.6	331.7

0475

W	8.2	332.1
Cole	7.0	333.3
"4	7.7	332.6
M	7.6	332.7
"4	7.5	332.8
Cole	7.5	332.8
F	6.8	333.5

140

34

F	6.6	333.7
Cole	7.0	333.3
"4	6.6	333.7
M	7.5	332.8
"4	8.4	331.9
Cole	8.4	331.9
W	7.5	332.8

1425

W	8.5	331.8
Cole	8.6	331.7
"4	8.4	331.9
M	8.2	332.1
"4	7.4	332.9
Cole	7.6	332.7
F	7.9	332.4

340.30

KANSAS

1450

E	7.9	332.4
Col	7.5	332.8
"	7.2	333.1
M	8.2	332.1
"	7.9	332.4
Col	7.6	332.7
W	8.6	331.7

1475

W	9.2	331.1
Col	8.7	331.6
"	8.9	331.0
M	8.9	331.4
"	8.6	331.7
Col	8.1	332.2
E	8.0	332.3

270

35

E	8.3	332.0
Col	8.4	331.9
"	8.8	331.5
M	9.0	331.3
"	9.1	331.2
Col	9.0	331.3
W	9.2	331.1

2725

W	9.3	331.0
Col	9.2	331.1
"	8.9	331.4
M	9.2	331.1
"	8.4	331.9
Col	7.9	332.4
E	8.7	331.6

340.35

KANSAS

2150

E	9.1	331.2
W	9.4	330.9
"	9.5	330.8
N	9.9	330.9
"	9.0	331.3
W	9.5	330.8
W	9.9	330.4

2175

N	9.8	330.5
W	9.7	330.6
"	9.9	330.9
N	9.4	330.9
"	9.3	331.0
W	9.9	330.9
E	9.6	330.7

36

340 = N.L. Myrtle 80'

E	8.1	332.2
W	8.4	331.9
"	9.5	330.8
N	9.9	330.4
"	10.1	330.2
W	10.1	330.2
W	9.9	330.4
T.P.	4.76	335.26
	9.80	330.50

N W 1/2

N	5.0	330.3
W	4.6	330.7
"	4.3	331.0
N	4.8	330.5
"	4.8	330.5
W	3.8	331.5
E	3.1	332.2

POSTED

335.76

KANSAS

N "4

E	4.6	330.7
erb	4.8	330.5
"4	4.8	330.5
M	4.8	330.5
"4	3.9	331.4
erb	4.4	330.9
W	5.3	330.0

center

W	5.3	330.0
erb	5.1	330.2
"4	4.8	330.5
M	5.0	330.3
"4	5.2	330.1
erb	5.2	330.1
E	5.1	330.2

S "4

E	5.3	330.0
erb	5.3	330.0
"4	5.2	330.1
M	5.1	330.2
"4	5.2	330.1
erb	5.6	329.7
W	5.5	329.8

S center

W	5.7	329.6
erb	5.5	329.8
"4	4.4	330.9
M	4.6	330.7
"4	5.3	330.0
erb	5.6	329.7
E	5.3	330.0

37

33526

KANSAS

S. L. Myrtle 5 F

E	5.5	329.8
crk	5.7	329.6
1/4	5.8	330.0
M	4.7	330.6
1/4	4.7	330.6
crk	5.7	329.6
W	6.0	329.8

0+25 S

W	6.5	328.8
crk	6.3	329.0
1/4	6.2	329.1
M	6.2	329.1
1/4	6.0	329.3
crk	6.0	329.3
E	6.0	329.3

0+50

E	6.2	329.1
crk	6.1	329.2
1/4	5.9	329.4
M	5.6	329.7
1/4	6.4	328.9
crk	6.9	328.4
W	7.0	328.3

0+75

W	7.5	327.8
crk	7.5	327.8
1/4	7.4	327.9
M	7.2	328.1
1/4	6.9	328.4
crk	6.7	328.6
E	6.6	328.7

38

33526

KANSAS

140

E	7.2	328.1
erb	7.4	327.9
"4	7.7	327.6
M	7.5	327.8
"4	7.5	327.8
erb	8.4	326.9
W	8.4	326.9

1425

W	8.1	327.2
erb	7.6	327.7
"4	7.5	327.8
M	8.8	326.5
"4	7.6	327.7
erb	7.5	327.8
E	7.6	327.7

1450

39

E	8.1	327.2
erb	8.2	327.1
"4	8.4	326.9
M	8.3	327.0
"4	7.5	327.8
erb	7.7	327.6
W	8.3	327.0

1475

W	8.2	327.1
erb	8.6	326.7
"4	8.0	327.3
M	8.3	327.0
"4	9.1	326.2
erb	7.8	327.5
E	7.6	327.7

335.26

KANSAS

39

210

E	8.7	326.6
Crk	9.0	326.13
"	8.9	326.14
"	8.8	326.5
"	9.0	326.3
Crk	8.6	326.7
W	7.6	327.7

2125

W	8.2	327.1
Crk	8.3	327.0
"	8.8	326.5
"	8.8	326.5
"	8.4	326.9
Crk	8.2	326.1
E	8.1	326.2

2150

40

E	8.6	326.7
Crk	9.7	325.6
"	9.3	326.0
"	9.2	326.1
"	9.3	326.0
Crk	9.1	326.2
W	9.4	325.9

2175

W	8.5	326.8
Crk	8.4	326.9
"	9.1	326.2
"	9.6	325.7
"	9.5	325.8
Crk	10.0	325.3
E	9.7	325.6

235.26

KANSAS ST.

3103 N.L. UP25

E 10.0 325.3

Ch 10.3 325.0

" 9.9 325.9

M 9.8 326.0

" 9.7 325.6

Ch 9.5 325.8

W 9.7 325.6

2001-0

41

1-section Gunn St Idaho T. 30 N

" 80' wide

The Runnel
of John
Coyne

Blm bet s. n. Idaho & Landis 343.82

0+50

42

Blm 3.95 347.77

E.L. Idaho

S 3.9 343.9

cb 3.9 343.9

" 3.6 344.2

M 3.2 344.6

" 4.0 343.8

cb 3.8 344.0

N 3.4 344.4

0+25 E

N 3.8 344.0

cb 4.0 343.8

" 4.2 343.6

M 4.4 343.4

" 3.8 344.0

cb 3.9 343.9

S 4.2 343.6

S 4.0 343.8

cb 3.7 344.1

" 3.9 343.9

M 4.1 343.7

" 3.6 344.2

cb 3.4 344.4

N 4.1 343.7

0+75

N 4.1 343.7

cb 4.5 343.3

" 4.7 343.1

M 4.9 342.9

" 4.7 343.1

cb 4.6 343.2

S 4.9 342.9

112

347.77

140

S	4.3	343.5
erb	4.4	343.4
"A	4.6	343.2
M	4.3	343.5
"A	3.9	343.9
erb	4.0	343.8
N	3.7	344.1

142.5

N	3.6	344.2
erb	3.7	344.1
"A	4.7	343.1
M	4.6	343.2
"A	4.1	343.7
erb	4.5	343.3
S	4.7	343.1

43

145.0

S	5.3	342.5
erb	5.1	342.7
"A	5.4	342.4
M	5.1	342.7
"A	4.8	343.0
erb	5.1	342.7
N	4.8	343.0

147.5

N	4.8	343.0
erb	5.0	342.8
"A	5.2	342.6
M	3.9	343.9
"A	4.1	343.7
erb	4.6	343.2
S	5.2	342.6

34777

240 = n.l. Utah St Rd

S	4.6	343.2
erb	5.6	342.2
"4	5.5	342.3
M	5.3	342.5
"4	5.1	342.7
erb	5.0	342.8
N	4.5	343.3

N carb

N	4.6	343.2
erb	4.6	343.2
"4	4.9	342.9
M	4.7	343.1
"4	5.1	342.7
erb	5.3	343.5
S	5.2	342.6

44

N "4

S	5.8	342.0
erb	4.0	343.8
"4	4.1	343.7
M	5.3	342.5
"4	4.5	343.0
erb	4.8	343.0
N	4.9	342.9

center

N	4.8	343.0
erb	4.2	343.6
"4	3.9	343.9
M	5.4	342.4
"4	4.6	343.2
erb	4.4	343.4
S	5.8	342.0

347.77

E 14

S	5.7	342.1
Calc	4.9	342.9
"4	5.2	342.6
M	5.2	342.6
"4	5.3	342.5
Calc	5.3	342.5
N	4.1	343.7

E. 6076

N	4.9	342.9
Calc	5.1	342.7
"4	5.2	342.6
M	5.2	342.6
"4	5.3	342.5
Calc	4.5	343.3
S	5.1	342.7

45

E. L. UTZ H

S	5.7	342.1
Calc	5.6	342.2
"4	4.1	343.7
M	3.6	344.2
"4	4.1	343.7
Calc	5.2	342.6
N	4.7	343.1

D + 25 F

N	5.0	342.8
Calc	5.1	342.7
"4	4.9	342.9
M	5.1	342.7
"4	4.8	343.0
Calc	4.4	343.4
S	4.9	342.9
T. P.	5.04	345.37
	4.44	343.33

brooks

0+50

S	6.0	342.4
cut	5.9	342.5
"A	5.3	343.1
N	4.0	344.4
"A	5.1	343.3
cut	4.5	343.9
N	4.0	344.4

0+75

N	5.1	343.3
cut	5.8	343.1
"A	5.6	342.8
N	5.5	342.9
"A	5.6	342.8
cut	5.3	343.1
S	4.3	344.1 339.1

1+0

S	6.4	342.0
cut	6.3	342.1
"A	5.7	342.7
N	5.3	343.1
"A	5.5	342.9
cut	4.5	343.6
N	5.2	343.2

1+25

N	5.1	343.3
cut	4.5	343.9
"A	4.4	344.0
N	5.4	343.0
"A	4.7	343.7
cut	5.5	342.9
S	6.0	342.4

348.37

1450

S	5.2	343.2
erb	5.8	342.6
"4	5.2	343.2
M	5.0	343.4
"4	5.3	343.1
erb	5.4	343.0
N	4.7	343.7

1475

N	5.1	343.3
erb	5.4	343.0
"4	5.7	342.7
M	5.5	342.9
"4	5.1	343.3
erb	5.8	342.6
S	6.2	342.2

47

240 = m. l. 5/10/21 80'

S	5.7	342.7
erb	4.9	343.5
"4	5.6	342.8
M	5.7	342.7
"4	5.5	342.9
erb	4.9	343.5
N	4.8	343.6

N curb

N	4.2	344.2
erb	4.5	343.9
"4	5.2	343.2
M	5.2	343.2
"4	5.7	342.7
erb	5.4	343.0
S	5.4	343.0

347.37

N. "4

S	6.2	342.2
cut	5.2	343.2
"4	5.0	343.4
M	5.7	343.0
"4	5.9	343.0
cut	4.9	344.0
N	4.8	343.6

center

N	5.5	342.9
cut	4.7	343.7
"4	5.9	343.0
M	5.2	343.2
"4	5.2	343.2
cut	4.7	343.7
S	5.5	342.9

48

F "4

S	6.0	342.4
cut	5.4	343.0
"4	5.6	342.8
M	4.6	343.8
"4	3.9	344.5
cut	5.0	343.4
N	5.4	343.0

POSTED

F cut

N	4.9	343.5
cut	5.2	343.2
"4	4.7	343.7
M	5.1	343.8
"4	5.7	342.7
cut	5.7	342.7
S	5.9	342.5

347.37

E.L. Sherman

S	5.2	343.2
erb	4.9	343.0
"	5.5	342.9
"	5.7	342.7
"	5.1	343.3
erb	5.1	343.3
N	3.7	344.7

0425 F

N	4.6	343.8
erb	4.8	343.6
"	4.3	344.1
"	4.9	343.5
"	5.5	342.9
erb	5.6	342.8
S	5.4	343.0

49

0450

S	5.2	343.2
erb	4.1	344.3
"	5.0	343.4
"	5.5	342.9
"	5.4	343.0
erb	5.1	343.3
N	4.9	343.5

0425

N	3.5	344.9
erb	3.9	344.5
"	4.9	343.5
"	4.7	343.7
"	5.3	343.1
erb	5.2	343.2
S	4.4	344.0

398.37

170

S	5.7	342.7
Col	5.9	343.0
"A	5.5	342.9
M	4.8	343.6
"B	3.8	344.6
Col	4.1	344.3
N	5.0	343.4

172.5

N	4.4	344.0
Col	4.2	343.6
"A	4.8	343.6
M	4.9	343.5
"A	5.4	343.0
Col	5.2	343.2
S	3.9	344.5

50

1750

S	5.3	343.1
Col	4.9	343.5
"A	5.1	343.3
M	4.5	343.9
"A	3.7	344.7
Col	4.6	343.8
N	4.3	344.1

177.5

N	4.6	343.8
Col	4.7	343.7
"B	4.7	343.7
M	5.1	343.3
"A	5.1	343.3
Col	5.0	343.4
S	5.2	343.2
T.P	6.30	349.27
	5.40	342.97

2100 W. H. Kansas 80

S	6.5	342.8
erb	6.0	343.3
"A	5.0	344.3
N	4.9	344.4
"A	5.7	343.6
erb	5.7	343.6
N	5.6	343.7

W. curb

N	4.9	344.5
erb	5.2	344.1
"A	5.4	343.9
N	5.6	343.7
"A	6.0	343.3
erb	6.1	343.2
S	6.3	343.0

W "A

S	5.9	343.4
erb	5.6	343.7
"A	6.0	343.3
N	5.6	343.7
"A	4.8	344.5
erb	5.0	344.3
N	5.0	344.3

center

N	4.6	344.7
erb	5.2	344.1
"A	4.9	344.5
N	5.6	343.7
"A	6.9	342.9
erb	5.8	342.5
S	5.3	344.0

349.27

E 11

S	5.9	343.4
erb	5.5	343.8
"11	5.5	343.8
M	5.7	343.6
"11	5.2	344.1
erb	5.3	344.0
N	4.8	344.5

E. C. V. L.

N	5.1	344.2
erb	5.1	344.2
"11	5.3	344.0
M	5.4	343.9
"11	5.5	343.8
erb	5.3	344.0
S	5.5	343.8

F. L. Kansas

52

S	6.0	343.3
erb	5.4	343.7
"11	5.6	343.7
M	5.6	343.7
"11	4.8	344.5
erb	4.1	345.2
N	5.2	344.1

0.225 F

N	5.0	344.3
erb	4.9	344.2
"11	5.2	344.1
M	5.6	343.7
"11	5.6	343.7
erb	5.5	343.8
S	6.1	343.2

39927

0450

S	5.7	343.6
erb	5.6	343.7
"4	5.0	344.3
M	5.6	343.7
"4	4.8	344.5
erb	4.2	345.1
N	5.3	344.0

0475

N	4.5	344.8
erb	5.2	344.1
"4	5.9	343.9
M	5.4	343.9
"4	5.7	343.6
erb	4.9	344.4
S	5.6	343.7

1420

53

S	5.8	343.5
erb	5.8	343.5
"4	5.4	343.9
M	5.0	344.3
"4	4.9	344.4
erb	5.2	344.1
N	5.1	344.2

1425

N	4.5	344.8
erb	5.1	344.2
"4	5.5	343.8
M	5.5	343.8
"4	5.8	343.5
erb	5.7	343.6
S	5.7	343.6

349.27

1450

S	5.6	343.7
Crk	4.6	344.7
"A	4.2	345.1
"A	5.0	344.3
"A	4.7	344.6
Crk	4.4	344.9
N	4.7	344.6

1475

N	3.6	345.7
Crk	3.4	345.9
"A	3.7	345.6
"A	3.9	345.4
"A	2.7	346.16
Crk	3.8	345.5
S	4.8	344.5

270 = W. L. 30th 57

S	4.7	344.6
Crk	4.7	344.6
"A	5.2	344.1
"A	4.9	344.4
"A	5.1	344.2
Crk	4.5	344.8
N	4.1	345.2

POSTED

v-section Gott 1st Hooker to Stephens

11 50 wide

B.M. B.B. sek, ^{SW} Cor Lewis & Hooker 277.08

B.M. 3.23 280.11

T.P. 3.27 275.12 2.26 271.25

W.L. Hooker

N 3.3 271.6

Wb 3.4 271.7

1/4 POSTED 3.4 271.7

M 3.5 271.6

1/4 3.4 271.7

Wb 3.4 271.7

S 3.5 271.6

0+25 W

S 4.0 271.1

Wb 3.9 271.2

1/4 3.3 271.8

M 3.7 271.4

1/4 3.8 271.3

Wb 3.7 271.4

N 3.3 271.8

275.12

0+50

55

N 3.1 271.0

Wb 3.7 271.7

1/4 3.9 271.2

M 4.0 271.1

1/4 4.0 271.1

Wb 4.2 270.9

S 4.5 270.6

0+75

S 4.5 270.6

Wb 4.0 271.1

1/4 3.7 271.4

M 3.9 271.4

1/4 4.0 271.1

Wb 3.8 271.3

N 3.3 271.8

275.12

1+0

N	3.9	271.7
cut	3.9	271.7
"	3.6	271.5
M	4.0	271.1
"	3.8	271.3
cut	4.1	271.0
S	4.7	270.6

1725

S	5.1	270.0
cut	5.0	270.1
"	4.3	270.8
M	4.4	270.9
"	4.5	270.6
cut	4.4	270.9
N	4.2	270.9

275.12

1+50

56

N	4.1	271.0
cut	4.4	270.7
"	4.6	270.5
M	4.2	270.9
"	4.0	271.1
cut	4.5	270.6
S	5.8	269.3

1775

S	6.0	269.1
cut	5.5	269.6
"	5.0	270.1
M	4.9	270.1
"	4.7	270.4
cut	4.5	270.6
N	3.8	271.3

275.12

210 = E.L. Randolph 51' 60' wide

N	4.6	270.5
cut	4.8	270.3
"A	4.6	270.5
M	4.6	270.5
"A	4.3	270.8
cut	4.7	270.9
S	5.6	269.5

E cord

S	5.8	269.3
cut	5.5	269.6
"A	5.2	269.9
M	5.0	270.1
"A	5.1	270.0
cut	4.3	270.8
N	3.9	271.2

295.12

F 44

57

N	4.3	270.8
cut	4.8	270.3
"A	5.0	270.1
M	5.2	269.9
"A	5.3	269.8
cut	5.8	269.3
S	6.2	268.9

center

S	6.7	268.4
cut	6.0	269.1
"A	5.5	269.6
M	5.2	269.9
"A	5.2	269.9
cut	4.9	270.2
N	4.5	270.6

275.12

W 19

N	4.4	270.7
Col	4.6	270.5
"A	4.9	270.2
M	5.3	269.8
"A	5.6	269.5
Col	6.1	269.0
S	6.8	268.3

W. C. 16

S	6.8	268.3
Col	5.9	269.2
"A	5.7	269.4
M	5.2	269.9
"A	5.0	270.1
Col	4.3	270.8
N	4.0	271.1

275.12

W. Randolph St.

58

N	3.3	271.8
Col	3.9	271.7
"A	4.6	270.5
M	5.0	270.1
"A	5.5	269.6
Col	6.0	269.1
S	6.3	268.8

D + 25 W

S	6.1	269.1
Col	5.6	269.5
"A	5.2	269.8
M	5.0	270.1
"A	4.5	270.6
Col	4.0	271.1
N	3.4	271.7

POSTED

275.12

0450

N	3.7	271.4
erb	4.3	270.8
"A	4.3	270.8
M	4.7	270.4
"A	5.1	270.0
erb	5.3	269.8
S	5.9	269.2

0475

S	6.0	269.1
erb	5.7	269.4
"A	5.5	269.6
M	4.9	270.2
"A	4.5	270.6
erb	4.2	270.9
N	4.0	271.1

275.12

140

59

N	5.1	270.0
erb	5.1	270.0
"A	5.3	269.8
M	5.8	269.3
"A	6.2	268.9
erb	6.3	268.8
S	6.6	268.5

1425

S	8.9	266.2
erb	8.3	266.8
"A	8.1	267.0
M	7.8	267.3
"A	7.4	267.7
erb	7.2	267.9
N	6.9	268.2

275.12

1450

N	8.4	266.7
cut	8.7	266.4
"	9.3	265.8
"	10.3	264.8
"	10.2	264.9
cut	10.3	264.8
S	11.4	263.9

1475

S	15.2	259.9
cut	14.3	260.8
"	13.9	261.2
"	13.7	261.4
"	12.7	262.4
cut	11.8	263.3
N	11.2	263.9

275.12

270 = F.L. Calhoun St 60' wide

60

N	11.5	263.6
cut	11.8	263.3
"	12.3	262.8
"	13.0	262.1
"	13.0	262.1
cut	13.4	261.7
S	14.4	260.9

E cut

S	12.8	264.3
cut	12.4	262.7
"	12.2	262.9
"	12.3	262.8
"	11.3	263.8
cut	11.2	263.9
N	10.7	264.4

275.12

F "A"

N	9.9	265.2
col	10.3	264.8
"A	10.8	264.3
M	11.4	263.7
"A	11.9	263.7
col	11.5	263.6
S	12.2	264.9

center

S	11.5	263.6
col	11.1	264.0
"A	10.8	264.3
M	10.7	264.4
"A	9.9	265.2
col	9.6	265.5
N	9.1	266.0

275.12

Y "A"

61

N	8.7	266.4
col	9.0	266.1
"A	9.3	265.8
M	9.9	265.2
"A	10.1	265.0
col	10.3	264.8
S	10.9	264.2

W. curb

S	10.3	264.8
col	9.5	265.6
"A	9.3	265.8
M	8.9	266.2
"A	8.5	266.6
col	8.2	266.9
N	7.9	267.2

88

27512

N.L. Calhoun ST

N	7.3	267.8
Calh	7.7	267.4
"A	7.9	267.2
M	8.2	266.9
"A	8.9	266.2
Calh	9.1	266.0
S	9.4	265.7

0+25 N

S	9.5	265.6
Calh	8.9	266.2
"A	8.7	266.4
M	8.0	267.1
"A	7.4	267.7
Calh	7.4	267.7
N	7.0	268.1

27512

0+50

62

N	7.2	267.9
Calh	7.5	267.6
"A	8.1	267.0
M	8.6	266.5
"A	9.1	266.0
Calh	9.4	265.7
S	9.8	265.3

0+75

S	10.0	265.1		
Calh	9.4	265.7		
"A	9.3	265.8		
M	8.8	266.3		
"A	8.3	266.8		
Calh	7.7	267.4		
N	6.7	268.4		
T.P.	5.25	272.73	7.64	267.98

POSTED

272.73

170

N	4.6	268.1
col	5.3	267.4
"A	5.8	266.9
M	6.4	266.3
"A	7.0	265.7
col	7.2	265.5
S	7.8	264.9

1725

S	7.0	265.7
col	6.7	266.0
"A	6.5	266.2
M	6.1	266.6
"A	5.7	267.0
col	5.2	267.5
N	4.7	268.0

272.73

1750

63

N	4.3	268.4
col	4.6	268.1
"A	5.0	267.7
M	5.3	267.4
"A	6.0	266.7
col	6.0	266.7
S	6.0	266.7

1775

S	5.7	267.0
col	5.5	267.2
"A	5.5	267.2
M	4.9	267.8
"A	4.8	267.9
col	4.6	268.1
N	4.3	268.4

272.73

2702 E. Stephens St

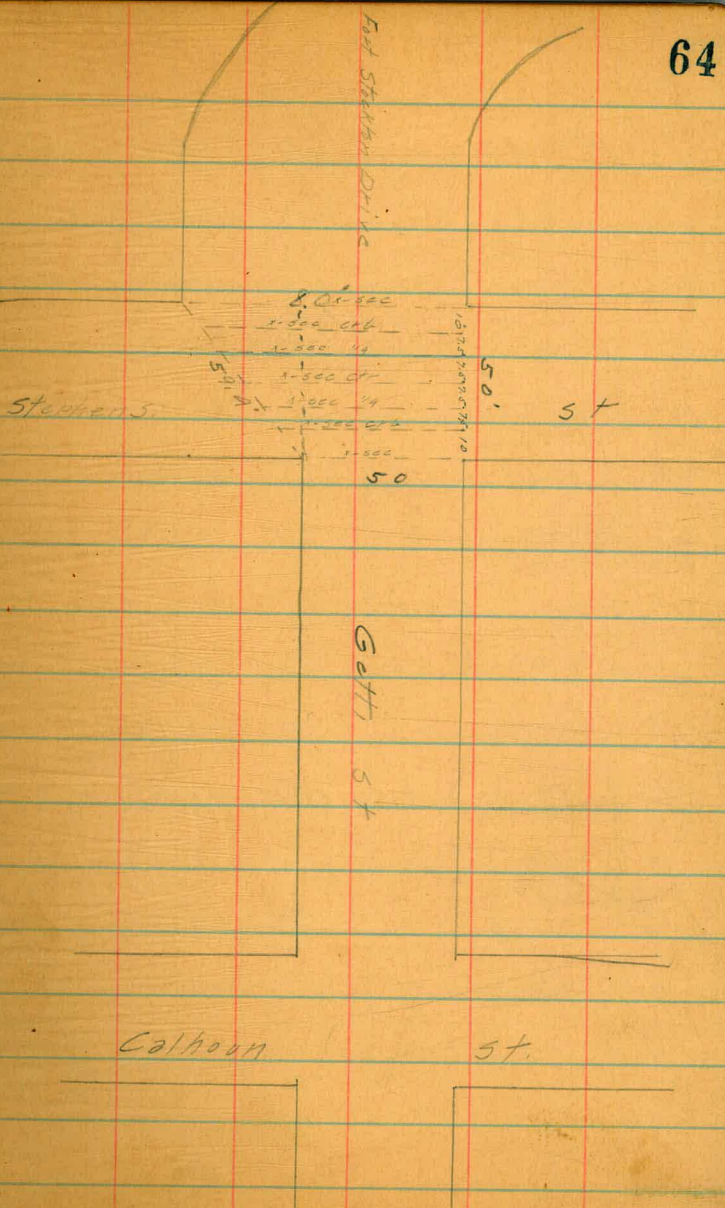
N	4.5	268.2
W	4.9	267.8
"	5.2	267.5
N	5.3	267.4
"	5.5	267.2
W	5.2	267.5
S	5.2	267.5

E. GUTH

S	5.8	266.9
W	5.7	267.0
"	5.6	267.1
N	5.7	267.0
"	5.4	267.3
W	4.5	268.2
N	4.2	268.5

Note - For a sec intersection Stephens sec
 sketch page 64

64



272.73

E 119

N	4.1	268.6
cut	4.5	268.2
119	5.3	267.4
111	6.0	266.9
114	5.5	266.9
cut	6.0	266.7
S	6.1	266.6

center

S	6.2	266.5
cut	6.1	266.6
119	5.9	266.8
111	6.2	266.5
114	5.7	267.0
cut	4.9	267.8
111	4.6	268.1

272.72

W 114

65

N	5.2	267.5
cut	5.8	266.9
119	6.5	266.2
111	6.3	266.4
114	5.7	267.0
cut	6.1	266.6
S	6.3	266.4

W curb

S	6.6	266.1
cut	6.5	266.2
119	6.3	266.4
111	6.3	266.4
114	6.5	266.2
cut	6.2	266.5
111	5.5	267.2

POSTED

272173

M. L. Stephens St

N 5.7 267.0

W 6.7 266.0

NA 6.7 266.0

N 6.5 266.2

NA 6.5 266.2

W 7.0 265.7

S 6.8 265.9

POS. 50

66

X section V¹⁰¹ Brant St Spruce Redwood 9/16/10

Simple
Shave

Sum brass Pq First Walnut 250.90

0+50

67

B.M. 0.94 251.84

T.P. 3.77 249.31 6.30 245.54

T.P. 0.99 238.75 11.55 232.26

S.L. Spruce St

W 12.6 226.2

crk 13.2 225.6

M 13.0 225.8

+6 13.3 225.5

crk 14.5 222.3

E.L. 23.1 215.9

0+25 S

E.L. 13.9 224.9

crk 12.8 226.0

M 11.4 227.4

crk 11.9 226.9

W.L. bottom of cut 10.6 228.2

W.L. Top of cut 9.0 229.8

W.L. TOP 5.6 233.2

W.L. bot 8.8 230.0

+9 9.1

crk 9.7 229.1

M 9.6 229.2

crk 9.9 228.9

E.L. 9.8 229.0

0+75

E.L. 9.0 229.0

crk 9.2 229.6

M 9.3 229.5

crk 9.4 229.4

+8 8.7 230.1

W.L. bot 8.4 230.4

W.L. TOP 8.7 234.4

238.75

1+0

W.L. Top	5.3	233.5
" " bot.	8.1	230.7
+ 8 crk	8.3	229.9
M	8.9	229.8
crk	9.0	229.4
E.L.	9.4	229.0

1+25

E.L.	11.2	227.5
crk	10.3	228.5
M	9.5	229.3
crk	9.1	229.7
W.L. bot	7.7	230.9
" " Top	6.2	232.6

68

1+50

W.L.	8.7	230.1
crk	9.8	229.0
M	10.3	228.5
crk	11.1	227.7
E.L.	11.9	226.9
E.L.	14.1	224.7
crk	12.9	225.9
+ 4	10.1	228.7
M	10.2	228.6
crk	10.3	228.5
W.L. bot	8.9	228.9
inter cement wall	6.9	231.9

232.75

2+0

W.L. Top cement wall	6.9	231.8
" " bot	10.7	228.0
crk	10.7	228.1
+8	10.0	228.8
M	10.4	227.7
+6	14.0	224.8
crk	15.0	223.8
E.L.	16.3	222.5

2+25

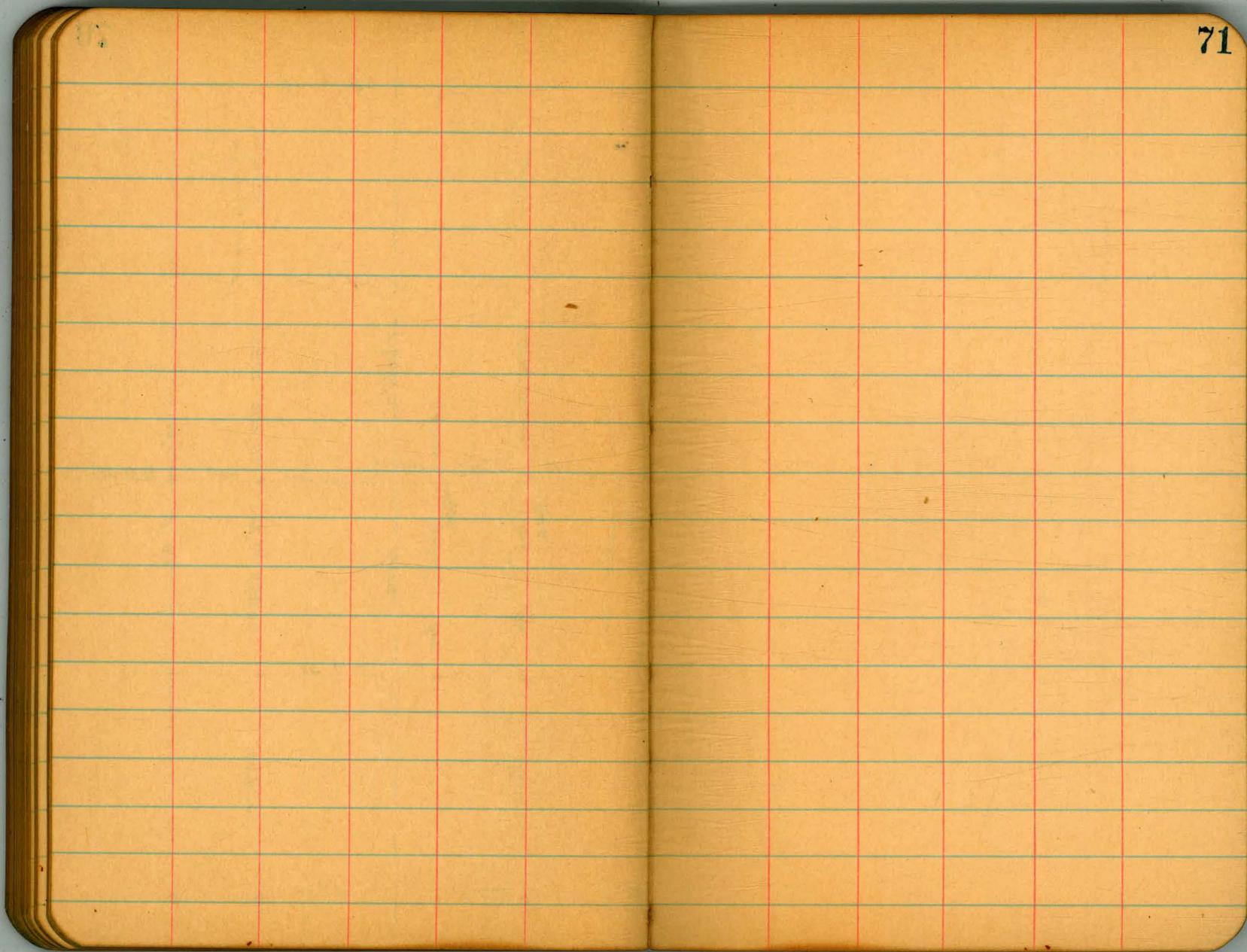
E.L.	18.8	220.0
crk	16.2	222.6
+5	15.8	223.0
M	13.3	225.5
+6	10.8	228.0
crk	10.7	227.9
W.L. bot	11.0	227.8
" " Top cement wall	7.0	231.8

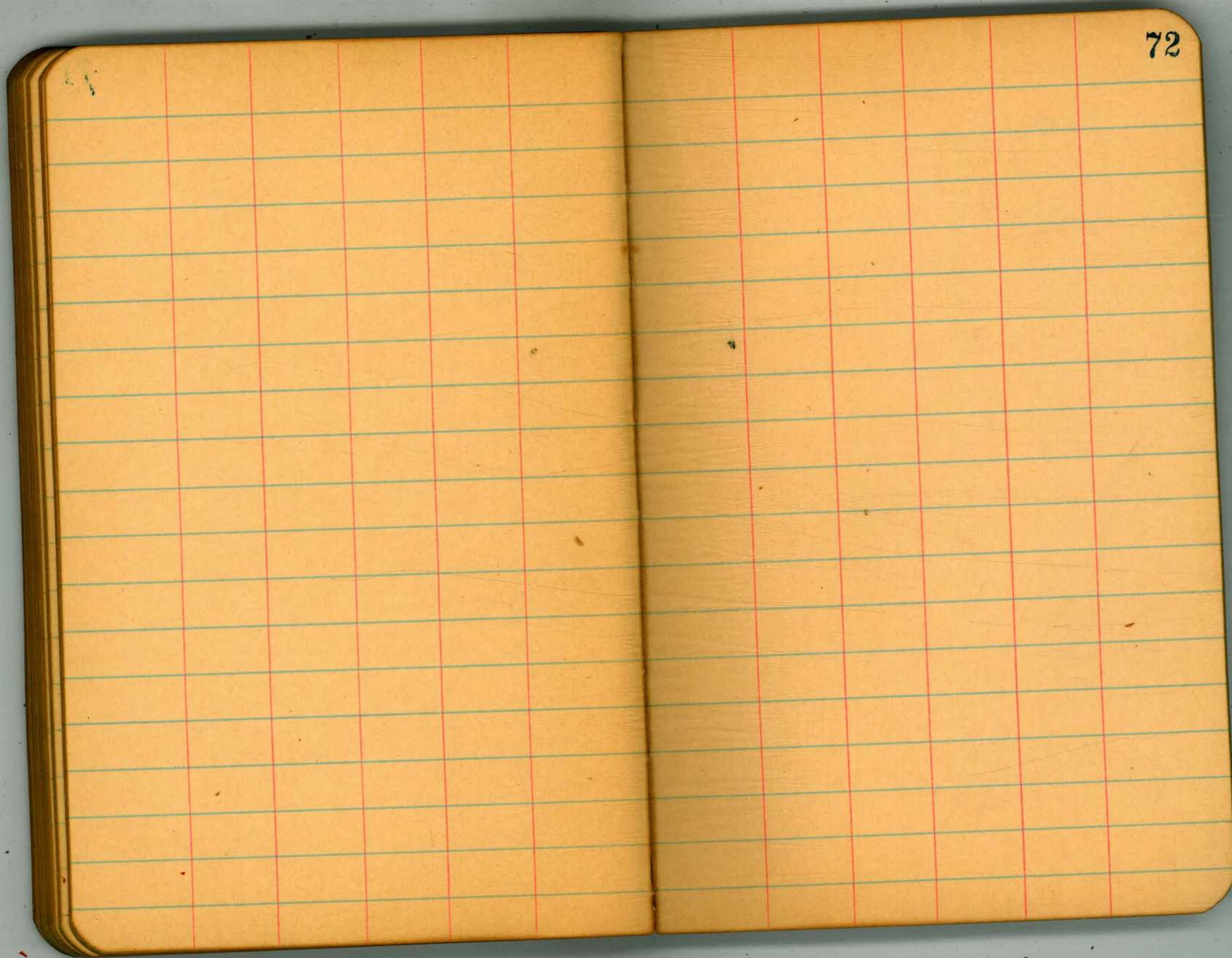
232.75

2+50

69

W.L.		10.5	228.3	
+5		10.3	229.5	
T.P.	167	227.98	12.97	225.81
crk		2.5	225.0	
M		5.5	222.0	
crk		7.3	220.2	
E.L.		11.4	216.1	
T.P.	0.27	215.56	12.19	215.29
		2+75		
E.L.		9.3	206.3	
crk		6.7	208.9	
M		5.6	210.0	
crk		4.1	211.5	
W.L.		2.8	212.8	





74

75



76

77

78

79

W 904
 C 846
 F 792

780

272.73
 3.39
 269.34
 7.21
 276.55

17
 1930

273.00
 0.42
 273.42
 12.26
 261.16
 3.40
 264.56
 19.12
 245.44

400 3

595

50

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

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							