356
[illegible]

400
LEVEL

F.B. 356

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	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	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.

MICROFILMED
OEC 1964

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

H. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

3.19

Reception 8th St Robinson to Penna
" " 13' sidewalk 5' 4's

5/28/10 Dunkle
Shaw
Evans

12

B.M. Brass p/g 6th & Robinson				285.51
B.M.	0.68	286.19		
T.P.	3.19	280.00	9.38	276.81
T.P.	2.99	275.65	7.34	272.66
S.L. Robinson				
W			1.5	274.1
crb			1.7	274.0
+3			3.8	271.9
1/4			3.1	272.6
M			3.8	271.8
+10			3.8	271.8
+20			2.7	273.0
1/4			3.1	272.6
crb			3.5	272.2
E			3.8	271.8

13' 5' 2' 25' 10' 10' 5' 6' 13'

275.65

0+25 3 of Robinson

E			14.5	261.1
Crb			11.5	264.2
"4			9.5	266.2
+3			7.8	267.9
M			7.3	268.3
+3			7.3	268.3
"4			14.4	261.3
+3			13.4	262.3
Crb			12.9	262.8
+9			13.5	262.2
W			15.2	260.4

0+50 3

W			20.5	254.8
+2			21.6	254.1
+3			23.7	252.0
+10			24.2	251.5
+11			22.1	253.6
Crb			22.5	253.2
"4			22.6	253.1
+17			21.6	254.1
M			19.9	260.7
+7			11.2	264.5
+20			11.3	264.4
"4			13.5	262.2
Crb			16.5	259.2
E			23.7	251.9
T.P.	2.69	266.00	12.34	263.31

266.00

2

0+85 3 N.L. Robinson on E see sketch P4

E			15.7	250.3
Crb			7.6	258.4
"4			5.2	260.8
+8			4.8	261.2
M			14.0	252.0
+13			18.9	247.1
"4			21.2	244.8
Crb			21.2	244.8
W			20.6	245.4

N curb

W			20.0	246.0
Crb			18.1	247.9
"4			18.0	248.0
+17			18.6	247.4
M			15.0	251.0
+20			4.9	261.1
"4			5.1	260.9
Crb			7.8	258.2
E			13.0	253.0

266.00

N. 1/4

E	10.7	255.3	
+8	5.4	260.6	5
crb	5.2	260.8	5
1/4	5.1	260.9	5
+4	5.4	260.6	15.4
M	15.6	250.4	4
+4	17.9	248.1	4
1/4	17.6	248.4	5
crb	17.2	248.8	13
W	17.6	248.4	

Center

W	12.4	253.6	
crb	11.5	254.5	13
1/4	11.2	254.8	5
M	10.2	256.8	20
+10	11.2	254.8	10
1/4	6.1	259.9	10
+3	4.7	261.3	2.3
crb	4.7	261.3	
E	5.7	260.3	13

266.00

S 1/4

E	4.2	261.8	5
crb	3.1	262.9	5
1/4	2.8	263.2	5
+7	5.5	260.5	11
M	6.1	259.9	8
1/4	5.7	260.3	6
crb	5.6	260.4	10
W	5.6	260.4	

S. Curb

W	4.2	261.8	
crb	3.4	262.6	13
1/4	3.2	262.8	5
M	3.1	262.9	17
+10	1.7	264.3	10
1/4	2.1	263.9	4
crb	2.4	263.6	5
E	3.6	262.4	13
T.P	11.52	275.94	1.58	264.42

275.94

6/2 Dunphy
10 Thorn

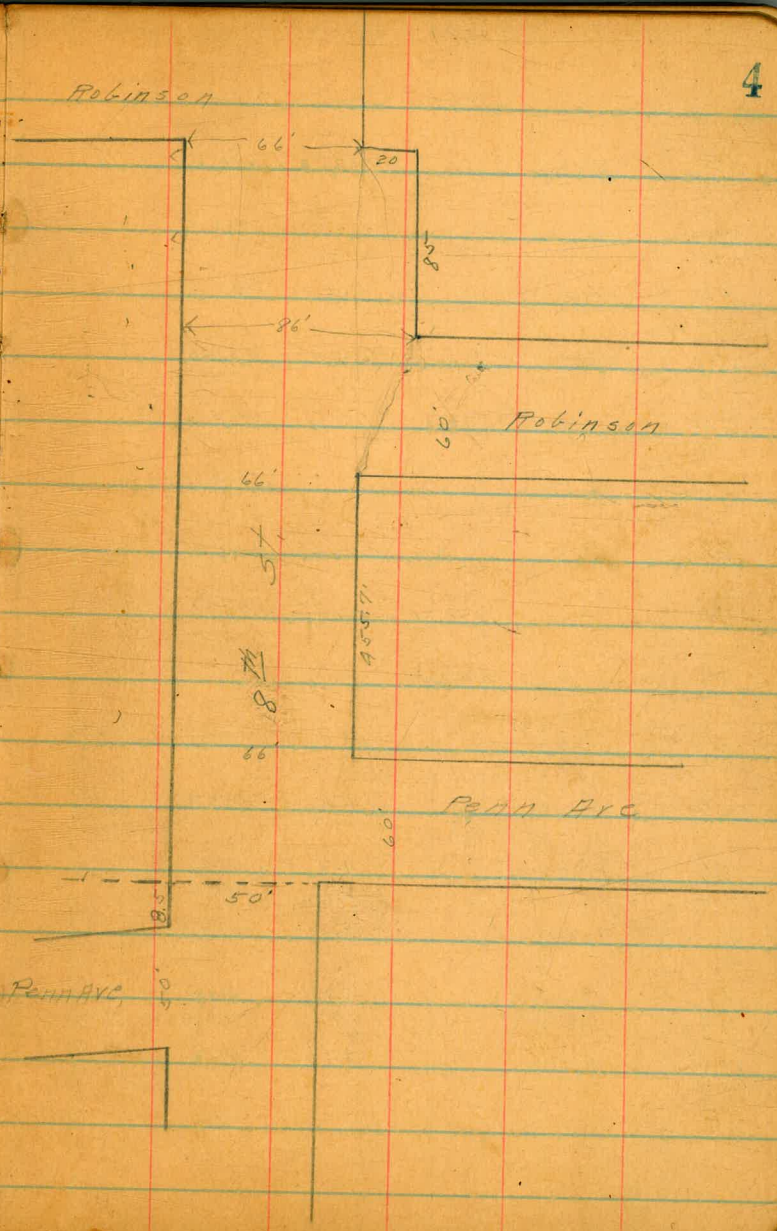
S.L. Robinson on E.

Evans.

E	11.9	264.0
crb	11.2	264.7
1/4	10.7	265.2
M	8.9	267.0
1/4	9.4	266.5
crb	9.4	266.5
W	9.7	266.2

0+25 S of Robinson

W	4.8	274.1
crb	3.1	272.8
1/4	3.8	272.1
+4	5.3	270.6
M	6.1	269.8
1/4	7.2	268.7
crb	6.8	269.1
+2	5.9	270.0
E	5.7	270.2



		275.94			
		0450			
E			2.5	273.4	
crb			2.2	273.7	
+2			3.2	272.7	
1/4			3.5	272.4	
M			3.4	272.5	
+13			2.4	273.5	
1/4			1.6	274.3	–
crb			1.0	274.9	
W			0.0	275.9	
T.P.	5.15	280.31	0.78	275.16	
		0475			
W			3.6	276.7	
crb			4.4	275.9	
1/4			4.7	275.6	–
+2			5.6	274.7	
M			5.8	274.5	
1/4			6.1	274.2	
+3			6.1	274.2	
crb			5.4	274.9	
E			5.7	274.6	

		280.31			
		170			
E			5.6	274.7	
crb			5.5	274.8	
+2			5.9	274.4	
1/4			5.5	274.8	
M			4.9	275.4	
1/4			4.8	275.5	
crb			4.6	275.7	
W			3.9	276.4	
		1425			
W			4.1	276.2	
crb			4.6	275.7	
1/4			4.9	275.4	
M			4.6	275.7	
1/4			5.2	275.1	
crb			5.5	274.8	
+1			5.1	275.2	
E			5.3	275.0	

280.31

1+50

E	5.4	274.9
+12	5.1	275.2
crb	5.6	274.7
1/4	5.2	275.1
M	4.6	275.7
1/4	5.1	275.2
crb	4.8	275.5
W	4.4	275.9

1+75

W	4.4	275.9
crb	4.5	275.5
+1	5.1	275.2
1/4	4.7	275.6
M	4.8	275.5
1/4	5.2	275.1
crb	5.5	274.8
+1	5.0	275.3
E	5.2	275.1

280.31

2+0

E	5.2	275.1
+12	5.3	275.0
crb	5.6	274.7
1/4	5.2	275.1
M	4.7	275.6
1/4	5.3	275.0
+3	5.2	275.1
crb	4.8	275.5
W	4.3	276.0

2+25

W	4.7	275.6
crb	5.0	275.3
+1	5.3	275.0
1/4	5.4	274.9
M	4.8	275.5
1/4	5.3	275.0
crb	5.7	274.6
+1	5.1	275.2
E	5.4	274.9

280.31

2+50

E	5.8	274.5
crb	5.6	274.7
+1	6.1	274.2
1/4	5.9	274.4
M	5.3	275.0
1/4	5.7	274.6
+3	5.7	274.6
crb	5.3	275.0
W	5.0	275.3

2+75

W	5.4	274.9
crb	6.0	274.3
1/4	6.4	273.9
M	5.9	274.4
1/4	6.1	274.2
crb	6.5	273.8
+1	5.9	274.4
E	6.4	273.9

280.31

3+0

E	7.0	273.3
+12	6.8	273.5
crb	7.2	273.1
1/4	7.0	273.3
M	6.7	273.6
1/4	7.0	273.3
crb	6.6	273.7
W	6.1	274.2

3+25

W	7.3	273.0
crb	7.5	272.8
1/4	7.6	272.7
M	8.6	271.7
1/4	10.2	270.1
crb	9.6	270.7
E	8.2	272.1

T.P.

		280.31		
		3+50		
E			15.8	264.5
Crb			17.3	263.0
1/4			17.8	262.5
M			14.8	265.5
+12			9.5	270.8
1/4			9.1	271.2
Crb			8.9	271.4
W			8.4	271.9
T.P.	1.50	269.79	12.02	268.29
		3+75		
W			0.9	268.9
Crb			0.8	269.0
1/4			1.2	268.6
M			7.2	262.6
1/4			11.2	258.6
Crb			13.0	256.8
E			14.4	255.4

		269.79		
		4+0		
E			23.3	246.5
Crb			19.4	
1/4			17.6	
M			13.5	256.3
1/4			10.2	
Crb			9.6	
W			7.0	262.8
T.P.	0.72	258.39	12.12	257.67
		4+25		
W			1.2	257.2
Crb			4.3	
1/4			5.6	
M			10.5	247.9
1/4			13.5	
Crb			14.2	
E			17.1	241.3

258.39

4+55 = N.L. Penn on E. see sketch P4

E	23.6	234.8
Crk	21.4	
1/4	20.2	
M	17.5	240.9
1/4	13.7	
Crk	11.7	
W	8.1	250.3

N. Crk

W	10.1	248.3
Crk	13.6	
1/4	15.4	
M	20.3	238.1
1/4	22.8	
Crk	23.3	
E	24.0	234.4

258.39

N 1/4

E	22.1	236.3
Crk	22.3	
1/4	22.2	
M	21.3	237.1
1/4	16.8	
Crk	15.1	
W	14.3	247.1

Center

W	15.1	243.3
Crk	19.1	
1/4	19.4	
M	18.0	240.4
1/4	16.4	
Crk	16.4	
E	15.3	243.1

258.39

S 1/4

E	5.8	249.6	
crb	9.8		
1/4	10.0		
M	12.2	246.2	
1/4	14.1		
crb	15.1		
W	16.9	241.5	

S curb

W	16.0	242.4	
crb	13.0		
1/4	12.2		
M	9.8	248.6	
1/4	8.2		
crb	7.7		
E	7.9	250.5	

258.39

S.L. Penn on E

E	2.4	256.0	
+8	3.2		
crb	6.0		
1/4	6.4		
M	6.3	252.1	
+5	5.9		
+4	6.6		
crb	7.9		
W	11.8	246.6	

N.L. Penn on W see sketch P.4

W	7.2	251.2	
+3	4.5		
crb	4.5		
1/4	4.4		
+4	4.5		
M	1.8	256.6	
T.P.	10.10	267.99	0.50	257.89
1/4	9.6	258.4	
crb	8.7		
E	8.2	259.8	

		267.99		
		N. curb		
E			2.8	265.2
curb			3.7	
1/4			4.7	
M			6.8	261.2
1/4			7.9	
curb			8.8	
7.3			9.4	
7.5			12.1	
W.			12.5	255.5
		N 1/4		
W			11.0	257.0
curb			6.2	
1/4			5.0	
M			2.8	265.2
T.P.	3.95	274.98	2.06	265.93
1/4			8.2	
curb			6.4	
E			5.6	269.4

		274.98		
		Center		
E			5.5	269.5
curb			6.0	
1/4			6.1	
M			5.9	269.1
1/4			6.0	
curb			6.0	
W			6.8	268.2
		S. 1/4		
W			6.4	268.6
curb			6.3	
1/4			6.2	
M			6.2	268.8
1/4			6.1	
curb			6.1	
E			5.6	269.4

274.98

S. Curb

E	5.6	269.4
Crb	6.1	
1/4	6.1	
M	6.3	268.7
1/4	6.4	
Crb	6.6	
W	6.6	268.4

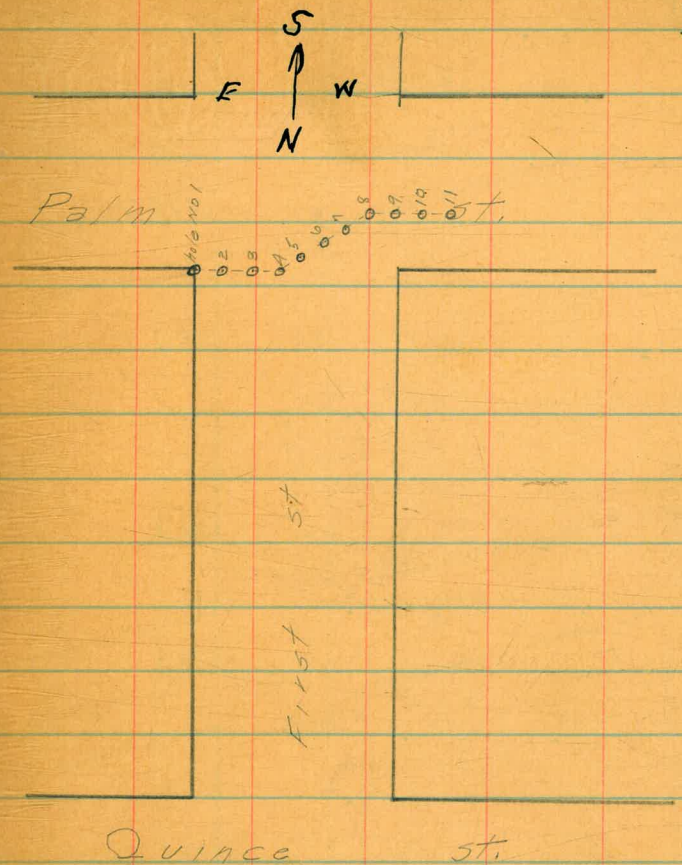
S. L. Penn. on W

W	6.5	268.5
Crb	6.6	
1/4	6.3	
M	6.0	269.0
1/4	5.9	
Crb	6.1	
E	5.6	269.4

Elevations of Top & bottom of holes 1st & Palm — 6/3/10 Dunkle Shane

B.M. N.W. brass plg Quince & Second 263.03 Evans.

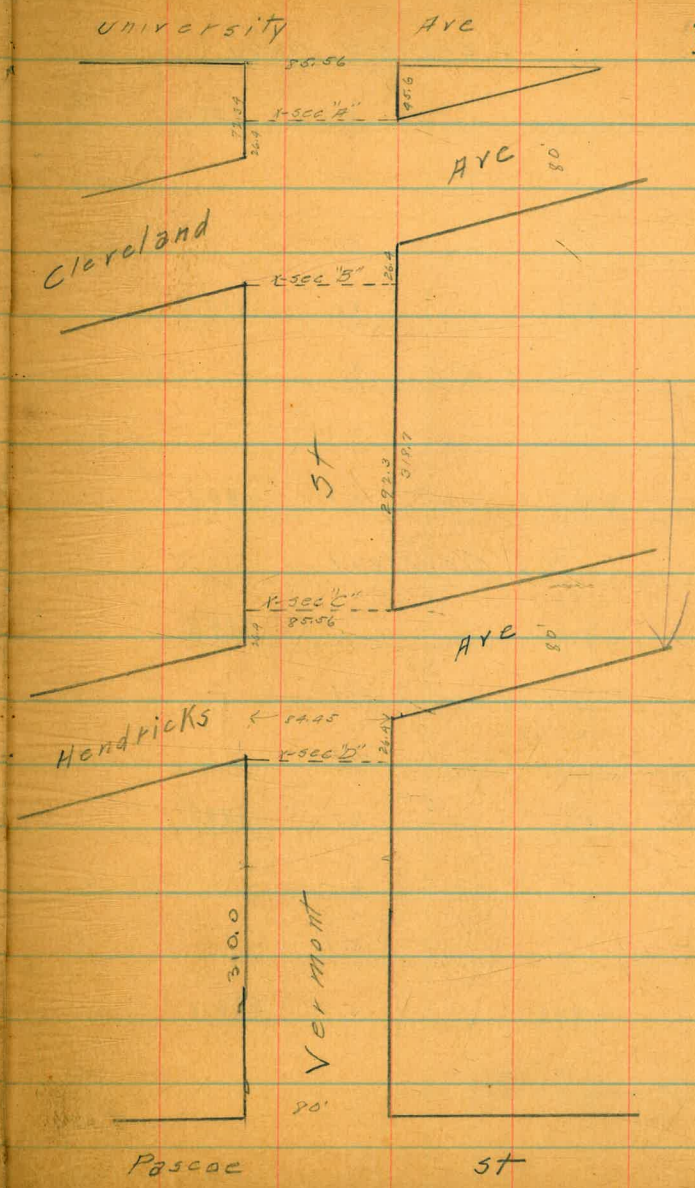
B.M.	1.57	264.60		
T.P.	0.91	252.82	12.69	251.91
T.P.	5.14	250.79	7.17	245.65
Top hole No 1			2.1	248.7
bottom " " "			6.5	244.3
Top " " 2			2.3	248.5
bot " " 2			5.2	245.6
Top " " 3			2.8	248.0
bot. " " 3			5.6	245.2
Top. " " 4			3.0	247.8
bot " " 4			5.9	244.9
Top " " 5			5.2	245.6
bot. " " 5			10.8	240.0
Top " " 6			10.7	240.1
bot. " " 6			13.2	237.6
Top " " 7			10.6	240.2
bot. " " 7			13.1	237.7
Top " " 8			11.3	239.5
bot. " " 8			14.0	236.8
Top " " 9			10.1	240.7
bot. " " 9			12.4	238.4
Top " " 10			10.9	239.9
bot. " " 10			13.8	237.0
Top " " 11			11.6	239.2
bot. " " 11			14.2	236.6



X-section Vermont N.L. University To Point 125' on E & 151.4 on W N of Hendricks
Vermont, 85.56 wide from Univ to S.L. Hendricks & 80' wide at S.L. Pascoe St see tie pt. book for Cleveland.
B.M. S.W. Vermont & University 289.75

6/3/10 Dunkle
Shaw
Evans

B.M.	4.0	293.77 ✓		
		N.L. University		
W			4.7	289.1
crb			4.5	
1/4			4.6	
M			4.6	289.2
1/4			3.7	
crb			3.6	
E			3.3	290.5
		X-section "A"		
E			3.5	290.3
crb			3.8	
1/4			4.1	
M			4.7	289.1
1/4			4.9	
crb			4.5	
W			4.6	289.2



293.77

S.L. Cleveland graded

W	4.6	289.2
Crb	4.8	
"A	5.1	
M	4.8	289.0
"A	4.1	
Crb	3.7	
E	3.7	290.1

N.L. Cleveland

E	3.9	289.9
Crb	3.9	
"A	4.8	
M	4.7	289.1
"A	6.2	
Crb	5.9	
W	5.7	288.1

1-section "B"

W	5.7	288.1
Crb	6.1	
"A	6.0	
M	4.6	289.2
"A	4.8	
Crb	4.1	
E	3.9	289.9

0+25' N of sec "B"

E	4.2	289.6
Crb	4.1	
"A	4.6	
M	4.5	289.3
"A	5.5	
Crb	5.6	
W	5.8	288.0

293.77

0+50

W	5.8	288.0
crb	5.6	
"/4	5.5	
M	4.4	289.4
"/4	4.6	
crb	4.1	
E	4.2	289.6

0+75

E	4.1	289.7
crb	4.2	
"/4	4.7	
M	4.5	289.3
"/4	5.6	
crb	5.5	
W	6.0	287.8

1+0

W	5.9	287.9
crb	5.4	
"/4	5.2	
M	4.9	289.4
"/4	4.5	
crb	3.9	
E	3.8	290.0

1+25

E	3.9	289.9
crb	3.9	
"/4	4.5	
M	4.5	289.3
"/4	5.2	
crb	5.3	
W	5.7	288.1

	293.77	
	1+50	
W	4.7	289.1
Crb	5.0	
"A	5.2	
M	4.3	289.5
"A	4.5	
Crb	4.5	
E	4.3	289.5
	1+75	
E	3.8	290.0
Crb	4.3	
"A	4.1	
M	4.6	289.2
"A	5.2	
Crb	5.6	
W	5.1	288.7

	2+0	
W	5.1	288.7
Crb	5.5	
"A	5.3	
M	4.5	289.3
"A	4.2	
Crb	4.4	
E	3.9	289.9
	2+25	
E	3.5	290.3
Crb	4.0	
"A	3.8	
M	4.4	289.4
"A	5.3	
Crb	5.1	
W	4.9	288.9

		293.77		
		2+50		
W			4.6	289.2
crb			5.0	
"g			5.4	
M			4.1	289.7
"g			3.8	
crb			3.7	
E			3.4	290.4
2+92 3/4 — x-section "C"				
E			3.3	290.5
crb			3.7	
"g			3.5	
M			4.1	289.7
"g			5.1	
crb			4.8	
W			4.7	289.1

S.L. Hendricks

W			4.7	289.1
crb			4.6	
"g			5.0	
M			4.3	289.5
"g			3.9	
crb			3.7	
E			3.3	290.5
T.P.	2.90	292.89	3.78	289.99
S. curb				
E			1.8	
crb			2.7	
"g			2.7	
M			3.3	
"g			4.1	
crb			3.9	
W			3.6	

	292.89		
	S 1/4		
W		3.8	
Crb		4.0	
1/4		4.3	
M		3.2	
1/4		2.5	
Crb		2.6	
E		2.0	
	Center		
E		1.8	291.1
Crb		2.1	
1/4		2.4	
M		3.1	289.8
1/4		4.3	
Crb		4.2	
W		4.1	288.8

	N 1/4		
W		4.2	
Crb		4.1	
1/4		4.2	
M		3.0	
1/4		2.8	
Crb		2.8	
E		2.3	
	N. curb		
E		2.0	
Crb		2.9	
1/4		3.0	
M		3.1	
1/4		4.2	
Crb		4.0	
W		4.2	

292.89

N.L. Hendricks

W	4.1	288.8
Crb	4.1	
1/4	4.3	
M	3.0	289.9
1/4	3.3	
Crb	2.8	
E	2.3	290.6

X-section "D"

E	2.3	290.6
Crb	2.7	
1/4	3.2	
M	3.2	289.7
1/4	4.3	
Crb	4.2	
W	4.2	288.7

0+25 N of sec "D"

W	4.4	288.5
Crb	4.4	
1/4	4.4	
M	3.6	289.3
1/4	3.8	
Crb	3.1	
E	2.5	290.4

0+50

E	2.7	290.2
Crb	3.7	
1/4	4.1	
M	4.3	288.6
1/4	4.9	
Crb	4.9	
W	5.0	287.9

0+75

W	6.5	286.4
Crb	6.2	
"4	6.0	
M	5.0	287.9
"4	4.5	
Crb	4.0	
E	4.3	288.6

1+0

E	6.0	286.9
Crb	5.7	
"4	6.2	
M	6.5	286.4
Top of Sewer	5.5	287.4
"4	8.2	
Crb	8.4	
W	9.1	283.8

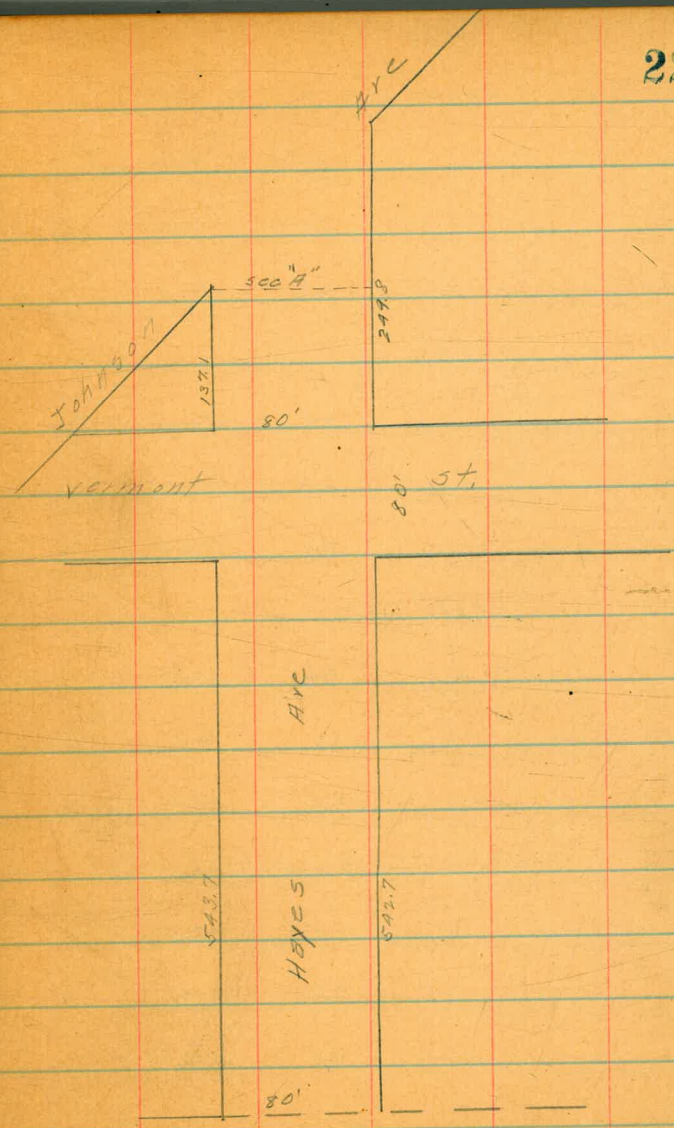
1+25 N of 'D'

W	16.3	276.6
Crb	14.1	
"4	13.5	
M	10.8	282.1
Top of Sewer	5.5	287.4
"4	10.1	
Crb	10.0	
E	9.2	283.7

Plat E&B

Levels on Hayes W.L. Johnson to W. end of Hayes, 6/3/10 Dunkle Shaw

B.M. A.R. SPK Lincoln & Johnson				298.52	Evans.
B.M.	2.28	300.80			
T.P.	2.91	299.45	4.26	296.54	
		W.L. Johnson			
N			2.8	296.7	
cte			3.1	296.4	
S			3.7	295.8	
		0+50 W of Johnson on S.L.			
S			2.7	296.8	
		Section "A"			
S			2.9	296.6	
cte			2.3	297.2	
N			2.8	296.7	
		0+37' W of "A"			
N			2.5	297.0	
cte			2.6	296.9	
S			3.1	296.4	



299.45

0+62' W

S	3.8	295.7
ctr	3.0	296.5
N	2.6	296.9

0+87'

N	2.7	296.8
ctr	3.3	296.2
S	4.2	295.3

1+12'

S	4.4	295.1
ctr	3.8	295.7
N	2.5	296.7

1+37' = E.L. Vermont 80' wide

N	3.5	296.0
ctr	4.4	295.1
S	4.5	295.0

Center

S	5.8	294.2
ctr	4.6	294.9
N	3.2	296.3

W.L. Vermont

N	4.5	295.0
ctr	5.8	293.7
S	6.8	292.7

0+25' W

S	7.5	292.0
ctr	6.8	292.7
N	5.6	293.9

0+50

N	6.7	292.8
ctr	7.3	292.2
S	8.8	290.7

		299.45		
		0+75		
S			12.4	287.1
ctr			8.4	291.1
N			7.6	291.9
		1+0		
N			8.6	290.9
ctr			11.7	287.8
S			18.1	281.4
		1+25		
S			20.1	279.4
ctr			19.1	280.4
N			9.6	289.9
		1+50		
N			10.7	288.8
T.P	0.83	287.41	12.87	286.58
ctr			12.5	274.9
S			6.9	280.5

		287.41		
		1+75		
S			7.7	279.7
ctr			15.0	272
N			9.6	282.8
		2+0		
N			15.2	272.2
ctr			21.2	266.2
S			8.8	278.6
		2+25		
S			7.3	280.1
ctr			27.2	260.2
N			22.9	264.5
		2+50		
N			14.4	273.0
ctr			33.1	254.3
S			9.2	278.2
T.P	1.77	276.76	12.42	274.99

		276.76		
		2+75		
S			10.5	266.3
ctr			21.1	255.7
N			1.5	275.3
		3+0		
N			4.5	272.3
ctr			19.3	257.5
S			23.3	253.5
		3+25		
S			28.5	248.3
ctr			16.0	260.8
N			4.0	272.8
T.P.	12.27	287.84	1.19	275.57
		3+50		
N			5.9	281.9
ctr			19.1	268.7
S			33.7	254.1

		3+75		
S			24.4	263.4
ctr			11.4	276.4
N			0.2	287.6
T.P.	2.33	289.96	0.21	287.63
		4+0		
N			2.4	287.6
ctr			3.9	286
S			16.7	273.3
		4+25		
S			5.4	284.6
ctr			3.5	286.5
N			2.8	287.2
		4+50		
N			3.5	286.5
ctr			4.1	285.9
S			5.2	284.8

		289.96		
		4+75		
S			7.9	282.1
cte			6.4	283.6
N			5.1	284.9
		5+0		
N			12.0	278.0
cte			13.1	276.9
S			15.2	274.8
T.P.	0.89	277.90	12.95	277.0.1
		5+25		
S			17.4	260.5
cte			8.3	269.6
N			12.0	265.9
	5+43.7 on N & 5+42.7 on S = N. end of Hayes.			
N			11.7	266.2
cte			21.8	256.1
S			26.0	251.9

X-Section Louisana continued from
Book 512 Page 79

346.90

N ¼ Mission Drive

E	3.3	343.6
crb	4.0	342.9
¼	4.1	342.8
M	3.7	343.2
¼	3.9	343.0
crb	3.9	343.0
W	4.6	342.3

N curb

W	4.6	342.3
crb	3.6	343.3
¼	3.6	343.3
M	3.7	343.2
¼	4.3	342.6
crb	3.8	343.1
E	3.4	343.5

N.L. Mission Drive

E	3.5	343.4
crb	3.6	343.3
¼	4.0	342.9
M	3.6	343.3
¼	4.0	342.9
crb	4.4	342.5
W	4.3	342.6

See "B" see Page 78 book 512

W	3.7	343.2
crb	3.6	
¼	3.6	
+12 = N.L. Mission	3.6	

See "C"

W	4.0
crb	3.1
¼	3.4
M	3.2
¼	3.6
crb	3.8
+9	3.1

346.9

Sec "D"

W	3.9	343.0
Crk	3.4	343.5
"4	3.5	343.4
M	3.1	343.8
"4	3.8	343.1
Crk	3.7	343.2
+18	3.5	343.4

N.L. Madison

E	3.6	343.3
Crk	3.8	343.1
"4	3.7	343.2
M	3.0	343.9
"4	3.8	343.1
Crk	3.5	343.4
W	4.2	342.7

0+25 N

W	3.2	343.7
Crk	2.9	344.0
"4	2.5	344.4
+1	3.0	343.9
M	2.7	344.2
"4	3.6	343.3
Crk	3.7	343.2
E	1.4	345.5

0+50

E	1.3	345.6
Crk	3.3	343.6
"4	3.2	343.7
M	2.5	344.4
+14	2.9	344.0
"4	2.3	344.6
Crk	2.8	344.1
W	4.0	342.9

next

		346.90		
		0+75		
W			3.0	343.9
Crk			1.8	345.1
"4			1.9	345.0
+1			2.5	344.4
M			2.2	344.7
"4			1.8	345.0
Crk			1.4	345.5
E			2.3	344.6
		1+0		
E			2.2	344.7
Crk			2.3	344.6
"4			2.5	344.4
M			1.8	345.1
+14			1.9	
"4			0.9	346.0
Crk			0.6	346.3
W			2.3	344.6
T.P.	8.59	353.82	1.67	345.23

		353.82		
		1+25		
W			8.8	345.0
Crk			8.5	345.3
"4			8.5	345.3
+1			9.0	344.8
M			8.5	345.3
"4			8.8	345.0
Crk			7.9	345.9
E			7.6	346.2
		1+50		
E			7.1	346.7
Crk			6.2	347.6
"4			6.8	349.0
+1			8.6	345.2
M			8.2	345.6
+14			8.8	345.0
"4			8.5	345.3
Crk			7.8	346.0
W			8.6	345.2

353.82

1+75

W	7.3	346.5
Crk	7.7	345.1
1/4	8.2	345.6
+1	8.7	345.1
M	8.0	345.8
1/4	8.4	345.4
Crk	7.9	345.9
E	8.2	345.6

2+00

E	7.4	346.4
Crk	6.4	347.4
1/4	6.7	347.1
+1	8.2	345.6
M	7.5	346.3
+14	7.9	345.9
1/4	7.5	346.3
Crk	7.6	346.2
W	8.6	345.2

2+25

W	7.8	346.0
Crk	6.0	347.8
+1	6.1	347.7
1/4	7.3	346.5
M	7.1	346.7
1/4	7.0	346.8
Crk	6.4	347.4
E	6.0	347.8

2+50

E	6.1	347.7
Crk	6.0	347.8
1/4	7.1	346.7
M	6.7	347.1
+19	7.1	346.7
1/4	6.4	347.4
Crk	6.4	347.4
W	7.3	346.5

	3+75	
W	6.6	347.2
crb	6.8	347.0
1/4	6.7	347.1
~~1/4~~		
M	5.9	347.9
1/4	6.0	347.8
crb	6.2	347.6
E	6.0	347.8
	3+0	
E	6.1	347.7
crb	6.0	347.8
1/4	6.0	347.8
M	5.6	348.2
1/4	6.0	347.8
crb	5.9	347.9
W	6.3	347.5

	3+25	
W	5.1	348.7
crb	5.4	348.4
1/4	5.6	348.2
M	5.4	348.4
1/4	5.9	347.9
crb	5.9	347.9
E	5.6	348.2
	3+50	
E	4.6	349.2
crb	5.0	348.8
1/4	4.8	349.0
+1	5.7	348.1
M	5.2	348.6
1/4	5.5	348.3
crb	5.4	348.4
W	5.6	348.2

3+75

W	5.2	348.6
Crb	5.4	348.4
"4	5.3	348.5
M	5.0	348.8
"4	5.3	348.5
Crb	5.2	348.6
E	5.2	348.6

4+0

E	4.9	348.9
Crb	5.0	348.8
"4	5.2	348.6
M	4.7	349.1
"4	5.2	348.6
Crb	5.0	348.8
W	4.7	349.1

4+25

W	5.0	348.8
Crb	5.1	348.7
"4	5.0	348.8
M	4.6	349.2
"4	4.7	349.1
Crb	4.5	349.3
E	4.7	349.1

4+50

E	4.7	349.1
Crb	4.7	349.1
"4	4.9	349.1
M	4.6	349.2
"4	4.8	349.0
Crb	4.7	349.1
W	4.4	349.4

358.82

4+75

W	4.5	349.3
Crb	4.8	349.0
1/4	4.4	349.4
M	4.3	349.5
1/4	4.8	349.0
Crb	4.9	348.1
E	4.5	349.3

5+0

E	5.1	348.7
Crb	4.6	349.2
1/4	4.7	349.1
M	4.3	349.5
1/4	4.6	349.2
Crb	4.5	349.3
W	4.6	349.2

5+25

W	3.7	350.1
Crb	4.6	349.2
1/4	4.4	349.4
M	4.2	349.6
1/4	4.6	349.2
Crb	4.7	349.1
E	4.6	349.2

5+50

E	4.8	349.0
Crb	4.6	349.2
1/4	4.6	349.2
M	4.1	349.7
1/4	4.9	349.4
Crb	4.5	349.3
W	4.4	349.4

	353.82		
	5.75		
W		4.3	349.5
Crk		4.2	349.6
1/4		3.9	349.9
M		3.7	340.1
1/4		4.2	349.6
Crk		4.4	349.4
E		4.9	338.9
6+0 = S.L. Adams Ave			
E		4.0	349.8
Crk		4.2	349.6
1/4		3.9	349.9
M		3.6	350.2
1/4		3.9	349.9
Crk		4.0	349.8
W		3.4	349.4

x-section Louisana st University to Lincoln 6/18/10 Dunkle Shaw
" 80' – 20' walks 5' 1/4's

B.M. N.W. Fr. Sek Univ & Louisana				297.14	Evans
B.M.	10.35	307.49			
	N.L. University				
W			10.5	297.0	
Crb			10.9	296.6	
1/4			10.5	297.0	
M			9.3	298.2	
1/4			8.9	298.6	
Crb			8.8	298.7	
E			7.1	300.4	
	0+25' N				
E			7.0	300.5	
Crb			8.3	299.2	
1/4			8.7	298.8	
M			8.8	298.7	
1/4			9.9	297.6	
Crb			10.2	297.3	
W			11.1	296.4	

		0+50			
W			11.1	296.4	
Crb			10.0	297.5	
1/4			9.8	297.7	
M			9.2	298.3	
1/4			8.5	299.0	
Crb			8.2	299.3	
E			6.9	300.6	
		0+75			
E			6.7	300.8	
Crb			8.0	299.5	
1/4			8.1	299.4	
M			8.4	299.1	
1/4			8.8	298.7	
Crb			9.3	298.2	
W			10.6	296.9	

207.49

1740		
W	10.1	297.4
Crb	9.6	297.9
"a	9.1	298.4
M	8.6	298.9
"a	7.8	299.7
Crb	7.5	300.0
E	6.0	301.5
1745		
E	6.0	301.5
Crb	7.5	300.0
"a	7.7	299.8
M	8.1	299.4
"a	9.0	298.5
Crb	9.4	298.1
W	10.2	297.3

1750		
W	10.1	297.4
Crb	9.1	298.4
"a	8.9	298.8
M	8.2	299.3
"a	7.6	299.9
Crb	7.2	300.3
E	5.7	301.8
1755		
E	5.9	301.6
Crb	6.5	301.0
"a	6.9	300.6
M	7.5	300.0
"a	8.8	298.7
Crb	9.1	298.4
W	9.7	297.8

307.49

2+0

W	9.4	298.1
Crk	8.5	299.0
"4	8.4	299.1
M	7.8	299.7
"4	7.1	300.4
Crk	6.8	300.7
E	5.6	301.9

2+25

E	5.4
Crk	6.0
"4	6.4
M	7.2
"4	7.9
Crk	8.4
W	9.1

2+50

W	9.1	298.4
Crk	8.3	299.2
"4	7.8	299.7
M	7.1	300.4
"4	6.2	301.3
Crk	5.8	301.7
E	4.9	302.6

2+75

E.	4.9
Crk	5.9
"4	6.2
M	6.9
"4	7.6
Crk	7.91
W	8.8

307.49

3+0

W	9.1	298.4
Crk	7.9	299.6
1/4	7.6	299.9
M	6.9	300.6
1/4	6.1	301.4
Crk	6.0	301.5
E	4.9	302.6

3+25

E	4.5
Crk	6.2
1/4	6.4
M	6.9
1/4	7.6
Crk	8.0
W	9.0

3+50

W	9.2	298.3
Crk	8.3	299.2
1/4	8.0	299.5
M	7.3	300.2
1/4	6.5	301.0
Crk	6.3	301.2
E	5.1	302.4

3+75

E	5.1	302.4
Crk	6.1	301.4
1/4	6.2	301.3
M	6.6	300.9
1/4	7.8	299.7
Crk	8.3	299.2
W	9.1	298.4

4+0

W	8.1	299.4
Crk	8.4	299.1
"4	8.1	299.4
M	7.1	300.4
"4	6.3	301.2
Crk	6.3	301.2
E	5.1	302.4

4+25

E	5.2
Crk	6.0
"4	6.0
M	6.9
"4	7.7
Crk	7.8
W	8.0

4+50

W	8.3	299.2
Crk	7.7	299.8
"4	7.5	300.0
M	6.8	300.7
"4	6.2	301.3
Crk	6.1	301.4
E	5.3	302.2

4+75

E	5.4
Crk	5.8
"4	5.7
M	6.5
"4	7.3
Crk	7.6
W	8.2

5+0

W	7.8	298.7
Crb	7.3	300.2
"4	7.0	300.5
M	6.2	301.3
"4	5.3	302.2
Crb	5.2	302.3
E	4.7	302.8

5+25

E	4.3
Crb	5.1
"4	5.4
M	6.1
"4	6.6
Crb	6.8
W	7.5

5+50

W	7.5	300.0
Crb	6.9	300.6
"4	6.7	300.8
M	6.1	301.4
"4	5.4	302.1
Crb	5.0	302.5
E	4.3	303.2

5+75

E	4.4
Crb	5.4
"4	5.7
M	6.3
"4	6.9
Crb	7.2
W	7.7

6+00 = S.L. Lincoln St

W	8.2	299.3
Crb	7.4	300.1
"	7.1	300.4
M	6.6	300.8
"	6.1	301.4
Crb	5.6	301.8
E	4.5	303.0

Levels on curb of "D" st 15th to 25th st Dunkle 6/22 Shaw

B.M. 16th & "D" brass plg. 55.89 /10 Evans

B.M.	8.57	64.46			
Note - No curb on S.L. from sta 43.4 E of 15th St To sta 1+58.8 E of 15th					
	E.L. 15th				
S			8.0	56.5	56.5
N			7.0	57.5	57.5
	0+25 E of 15th				
N			7.2	57.3	57.31
S			8.1	56.4	56.44
	0+43.4 on S				
S			8.2	56.3	
	0+50 on N				
N			7.3	57.2	57.13
	0+75 on N				
N			7.5	57.0	56.94
	1+0 on N				
N			7.6	56.9	56.75

		64.46			
		1+25 on N			
N			8.0	56.5	56.56
		1+50 on N			
N			8.2	56.3	56.37
		1+58.8 on S			
S			8.6	55.9	~~56.12~~
		1+75			
S			8.6	55.9	56.06
N			8.3	56.2	56.19
		2+0 = W.L. 16th			
N			8.5	56.0	56.0
S			8.6	55.9	56.0
		E.L. 16th			
S			8.6	55.9	56.0
N			8.8	55.7	56.0
		0+25 E of 16th			
N			8.0	56.5	57.0 X
S			7.6	56.9	57.0

		64.47			
		0+50			
S			6.6	57.9	58.0
N			7.0	57.5	58.0 X
		0+75			
N			5.9	58.6	59.0 X
S			5.7	58.8	59.0
		1+0			
S			4.7	59.8	60.0
N			4.9	59.6	60.0 X
		1+25			
N			3.9	60.6	61.0 X
S			3.8	60.7	61.0 X
		1+50			
S			2.9	61.6	62.0 X
N			2.9	61.6	62.0 X
		1+75			
N			2.0	62.5	63.0 X
S			2.0	62.5	63.0 X

		2+0 = W.L. 17th			
S			1.0	63.5	64.0 X
N			1.0	63.5	64.0 X
T.P.	11.98	75.53	0.92	63.55	
		E.L. 17th			
N			9.2	66.3	66.5 X
S			9.2	66.3	66.5
		0+25 E			
S			7.0	68.5	68.72 X
N			7.0	68.5	68.72
		0+50			
N			4.8	70.7	70.94 X
S			4.7	70.8	70.94
		0+75			
S			2.5	73.0	73.16
N			2.4	73.1	73.16
T.P.	12.09	87.43	0.19	75.34	

		87.43			
		1+0			
N			12.0	75.4	75.38
S			12.1	75.3	75.38
		1+25			
S			9.9	77.5	77.59
N			9.9	77.5	77.59
		1+50			
N			7.6	79.8	79.81
S			7.6	79.8	79.81
		1+75			
S			5.5	81.9	82.0
N			5.4	82.0	82.0
		2+0 = N.L. 18th St			
N			3.2	84.2	84.25
S			3.2	84.2	84.25
Note. Curb in across 18th on N.L.					
		Center 18th			
N			2.A	85.0	85.12

		E.L. 18th			
N			1.5	85.9	86.0
S			1.5	85.9	86.0
T.P.	9.07	95A3	1.07	86.36	
		0+25 E			
S			9.1	86.31	86.37
N			9.2	86.2	86.37
		0+50			
N			8.7	86.7	86.75
S			8.7	86.7	86.75
		0+75			
S			8.3	87.1	87.12
N			8.4	87.0	87.12
		1+0			
N			7.9	87.5	87.5
S			8.0	87.4	87.5

91.04	95.43			
	1+25			
S		7.6	87.8	87.87
N		7.6	87.8	87.87
	1+50			
N		7.3	88.1	88.25
S		7.3	88.1	88.25
	1+75			
S		6.9	88.5	88.62
N		6.9	88.5	88.62
	2+0 = W.L.19th			
N		6.4	89.0	89.0
S		6.4	89.0	89.0
	E.L.19th			
S		5.4	90.0	90.0
N		5.4	90.0	90.0
	0+25 E			
N		4.9	90.5	90.6
S		4.9	90.5	90.6

95.43				
	0+50			
S		4.3	91.1	91.25
N		4.3	91.1	91.25
	0+75			
N		3.8	91.6	91.87 +
S		3.7	91.7	91.87
	1+0			
S		3.0	92.4	92.5
N		3.1	92.3	92.5 +
	1+25			
N		2.5	92.9	93.12 +
S		2.5	92.9	93.12 +
	1+50			
S		1.8	93.6	93.75
N		1.9	93.5	93.75 +

		95.43			
		1+75			
N			1.3	94.1	94.37 +
S			1.2	94.2	94.37
		2+0 = M.L. 2074			
S			0.6	94.8	95.0
N			0.6	94.8	95.0
T.P.	12.81	107.64	0.60	94.83	
		E.L. 2075			
N			10.8	96.8	97.0
S			10.8	96.8	97.0
		0+25			
S			8.6	99.0	99.25 +
N			8.6	99.0	99.25 +
		0+50			
N			6.4	101.2	101.60 +
S			6.4	101.2	101.60 +

		107.64			
		0+75			
S			4.1	103.5	103.75 +
N			4.0	103.6	103.75
		1+0			
N			1.5	105.8	106.0
S			1.8	105.8	106.0
T.P.	12.18	119.03	0.79	106.85	
S			11.0	108.0	108.25 +
N			11.2	107.8	108.25 +
		1+50			
N			8.8	110.2	110.50 +
S			8.8	110.2	110.50 +
		1+75			
S			6.4	112.6	112.75
N			6.4	112.6	112.75
		2+0 = M.L. 2137			
N			4.1	114.9	115.0
S			4.2	114.8	115.0

		119.03			
		E.L. 21st			
S			1.0	118.0	118.0
N			1.2	117.8	118.0
T.P.	12.96	131.89	0.20	118.83	
		0+25 E			
N			11.5	120.4	120.5
S			11.5	120.4	120.5
		0+50			
S			8.9	123.0	123.0
N			8.9	123.0	123.0
		0+75			
N			6.3	125.6	125.5
S			6.4	125.5	125.5
		1+0			
S			3.8	128.1	128.0
N			3.8	128.1	128.0
		1+25			
N			1.4	130.5	130.5
S			1.3	130.6	130.5
T.P.	12.97	144.59	0.27	131.62	

		144.59			
		1+50			
S			11.5	133.1	133.0
N			11.6	133.0	133.0
		1+75			
N			9.1	135.5	135.5
S			9.0	135.6	135.5
		2+0 = W.L. 22nd			
S			6.6	138.0	138.0
N			6.5	138.1	138.0
		E.L. 22nd			
N			3.6	141.0	141.0
S			3.6	141.0	141.0
		0+25 E			
S			1.2	143.4	143.37
N			1.2	143.4	143.37
T.P.	12.65	156.94	0.30	144.29	

		156.94			
		0+50			
N			11.2	145.7	145.75
S			11.2	145.7	145.75
		0+75			
S			8.9	148.0	148.12
N			8.9	148.0	148.12
		1+00			
N			6.4	150.5	150.5
S			6.5	150.4	150.5
		1+25			
S			4.2	152.7	152.87
N			4.1	152.8	152.87
		1+50			
N			1.8	155.1	155.25
S			1.7	155.2	155.25
T.P.	13.20	169.51	0.63	156.31	

		169.51			
		1+75			
S			12.0	157.5	157.62
N			11.9	157.6	157.62
		2+0 = W.L. 23rd			
N			9.5	160.0	160.0
S			9.6	159.9	160.0
T.P.	11.59	171.51	9.59	159.92	
		E.L. 23rd			
S			10.6	160.9	161.0
N			10.5	161.0	161.0
		0+25 E			
N			8.5	163.0	163.17
S			8.5	163.0	163.17
		0+50			
S			6.3	165.2	165.33
N			6.2	165.3	165.33

		171.51			
		0+75			
N			4.1	167.4	167.50
S			4.1	167.4	167.50
		1+0			
S			2.0	169.5	169.67
N			1.9	169.6	169.67
T.P.	13.01	184.02	0.50	171.01	
		1+25			
N			12.2	171.8	171.83
S			12.3	171.7	171.83
		1+50 = W.L. 24th St			
S			10.1	173.9	174.0
N			10.1	173.9	174.0
		F.L. 24th St			
N			8.9	175.1	175.0
S			9.0	175.0	175.0

		184.02			
		0+25			
S			8.2	175.8	175.83
N			7.9	176.1	175.92
		0+50			
N			7.2	176.8	176.83
S			7.4	176.6	176.67
		0+75			
S			6.5	177.5	177.50
N			6.3	177.7	177.75
		1+0			
N			5.4	178.6	178.66
S			5.8	178.2	178.33
		1+25			
S			4.7	179.3	179.17
N			4.5	179.5	179.58
		1+50			
N			3.7	180.3	180.50 +
S			4.1	179.9	180.0

		184.02			
		1+75			
S			3.2	180.8	180.83
N			2.6	181.4	181.41
		2+0			
N			1.8	182.2	182.33
S			2.4	181.6	181.67
		2+25			
S			1.5	182.5	182.5
N			0.9	183.1	183.24
T.P.	7.69	190.99	0.72	183.30	
		2+50			
N			6.9	184.1	184.16
S			7.7	183.3	183.33
		2+75			
S			6.9	184.1	184.17
N			5.8	185.2	185.08
		3+0			
N			5.2	185.8	186.0
S			6.1	184.9	185.0

		190.99			
		3+25			
S			5.8	185.2	185.17
N			5.0	186.0	186.17
		3+50			
N			4.8	186.2	186.33
S			5.7	185.3	185.33
		3+75			
S			5.5	185.5	185.50
N			4.6	186.4	186.50
		4+0			
N			4.5	186.5	186.66
S			5.4	185.6	185.66
		4+25			
S			5.1	185.9	185.83
N			4.3	186.7	186.83
		4+50			
N			4.1	186.9	187.0
S			5.1	185.9	186.0

		190.99			
		4+75			
S			4.9	186.1	186.17
N			3.7	187.3	187.17
		5+0			
N			3.7	187.3	187.33
S			4.7	186.3	186.33
		5+25			
S			4.5	186.5	186.5
N			3.6	187.4	187.5
		5+50			
N			3.4	187.6	187.67
S			4.4	186.6	186.67
		5+75			
S			4.3	186.7	186.83
N			3.2	187.8	187.83
	6+01 = M.L. 25 ft				
N			3.1	187.9	188.0
S			4.1	186.9	187.0

187.00

x-section Louisana from University to Lincoln 6/30/10 Dunkle Shaw Evans
" 80' 14' walks 5" 45

B.M. SPK N.W. Louisana & University 297.14

B.M.	10.68	307.82			
		N.L. University			
W			10.9		
Crb			10.9		
1/4			10.9		
M			9.6		
1/4			8.9		
Crb			8.3		
E			7.5		
		0+25 N			
E			7.3		
Crb			8.4		
1/4			8.6		
M			9.1		
1/4			10.7		
Crb			10.8		
W			11.4		

		0+50			
W			11.4		
Crb			10.4		
1/4			10.4		
M			9.5		
1/4			8.5		
Crb			8.2		
E			7.2		
		0+75			
E			7.0		
Crb			8.2		
1/4			8.4		
M			8.7		
1/4			10.2		
Crb			10.3		
W			10.9		

		1+0			
W			10.6		
Crb			10.1		
1/4			9.8		
M			8.9		
1/4			7.7		
Crb			7.6		
E			6.4		
		1+25			
E			6.4		
Crb			7.5		
1/4			7.8		
M			8.4		
1/4			9.7		
Crb			9.8		
W			10.4		

		1+50			
W			10.4		
Crb			9.6		
1/4			9.4		
M			8.6		
1/4			7.5		
Crb			7.2		
E			6.1		
		1+75			
E			6.1		
Crb			6.6		
1/4			6.8		
M			7.8		
1/4			9.5		
Crb			9.2		
W			10.0		

		2+0			
W			9.8		
Crk			9.0		
1/4			8.9		
M			8.1		
1/4			7.0		
Crk			6.8		
E			6.0		
		2+25			
E			5.7		
Crk			5.9		
1/4			6.3		
M			7.5		
1/4			8.8		
Crk			9.0		
W			9.5		

		2+50			
W			9.4		
Crk			8.7		
1/4			8.6		
M			7.4		
1/4			6.1		
Crk			5.8		
E			5.2		
		2+75			
E			5.3		
Crk			6.0		
1/4			6.2		
M			7.2		
1/4			8.3		
Crk			8.6		
W			9.2		

		3+0			
W			9.4		
Crb			8.6		
1/4			8.2		
M			7.2		
1/4			6.2		
Crb			6.0		
E			5.2		
		3+25			
E			4.8		
Crb			6.1		
1/4			6.5		
M			7.2		
1/4			8.4		
Crb			8.6		
W			9.4		

		3+50			
W			9.5		
Crb			8.9		
1/4			8.6		
M			7.6		
1/4			6.5		
Crb			6.4		
E			5.4		
		3+75			
E			5.5		
Crb			6.2		
1/4			6.4		
M			6.8		
1/4			8.8		
Crb			9.2		
W			9.5		

4+0

W	8.5
Crk	8.9
"4	8.7
M	7.5
"4	6.6
Crk	6.5
E	5.5

4+25

E	5.5
Crk	6.3
"4	6.9
M	7.3
"4	8.2
Crk	8.6
W	8.9

4+50

W	8.6
Crk	8.3
"4	8.1
M	7.2
"4	6.3
Crk	6.1
E	5.7

4+75

E	5.6
Crk	6.1
"4	6.1
M	6.9
"4	7.9
Crk	8.1
W	8.4

5+0

W	8.1
Crb	7.8
1/4	7.6
M	6.5
1/4	5.5
Crb	5.4
E	5.0

5+25

E	4.6
Crb	5.2
1/4	5.5
M	6.5
1/4	7.0
Crb	7.5
W	7.9

5+50

W	7.8
Crb	7.4
1/4	7.3
M	6.4
1/4	5.3
Crb	5.2
E	4.6

5+75

E	4.8
Crb	5.5
1/4	5.7
M	6.6
1/4	7.5
Crb	7.7
W	8.0

6+0 = S.L. Lincoln St

W	8.5
Crk	8.1
"	8.0
M	6.9
"	5.9
Crk	5.8
E	4.7

8/3/10 Clough Conman Rogers

Rex Sec of Randolph st (60')

Intersection of Getti & S 100

397	279.57		275.60	Bm SW Lewis & Randolph
407	275.24	8.40	271.17	

N Sin of Getti st (50)

E		4.9
bh		5.2
+1'		5.8
y		5.7
b		5.4
y		5.8
+9'		6.4
bh		5.6
w		5.4

N bh of Getti st

w	5.0
bh	5.2
y	5.1
b	5.1
y	5.1
bh	5.6
	(5.0 6.0)

275.24

Randolph

N 1/4 of Getti st

E	5.6
bh	5.5
y	4.9
b	5.0
y	4.8
bh	4.5
w	4.7

Center of Getti st

w	4.9
bh	4.5
y	5.2
b	5.2
y	5.1
bh	5.2
E	5.2

S 1/4 of Gettis

E	5.7
bl	5.8
y	5.9
l	5.7
y	5.6
bl	5.4
w	5.3

S bl of Gettis

w	5.5
bl	6.1
y	6.1
l	6.0
y	6.0
bl	6.0
E	(5.0 / 6.0)

S Lin of Gettis

E	5.0
bl	6.0
y	6.5
l	6.7
y	6.9
bl	6.9
w	6.2

3' S of Gettis

w	6.6
bl	7.0
y	7.0
l	7.0
y	6.8
bl	6.6
E	6.6

		275-24			
	25'	S of	Getti st		
E			6,3		
bh			6,2		
y			6,3		
+4'			6,5		
b			7,5		
y			8,1		
			8		
bh			8,1		
+5			6,4		
w			6,6		
	50'	S of	Getti st		
w			7,5		
+5'			6,7		
bh			8,8		
y			8,9		
b			8,2		
y			8,1		
bh			7,9		
E			7,9		

		275-24			
	75'	S of	Getti st		
E			8,1		
bh			8,6		
y			9,0		
b			9,7		
+3'			10,2		
y			10,5		
+8'			10,3		
bh			9,3		
+5'			8,5		
w			8,5		
	100'	S of	Getti st		
w			10,3		
+2'			10,8		
bh			10,4		
y			9,5		
b			8,6		
y			8,0		
bh			7,7		
E			7,2		

LEVELS OVER CURBS ON ELEVENTH ST M TO PARK
AND NOTES ON BROKEN & MISSING CURB

		N.L. M		Curb Elev.	Curb Grade
	0.80	11.28		7.48 NE 10 m	
E Returns OK			4.70	6.6	6.5
W " OK			4.8	6.5	6.5
		25' N of M			
W					7.08
E					7.08
		50' N			
E					7.67
W					7.67
		75' N			
W					8.25
E					8.25
		100' N			
E					8.83
W					8.83

No burb on Sid wall L to M

		Curb Elev	Curb Grade
	125' N. of M.		
W			9.42
E			9.42
	150' N		
E			10.00
W			10.00
	175' N		
W			10.58
E			10.58
	200' N		
E			11.17
W			11.17
	225' N		
W			11.75
E			11.75
	250' N		
E			12.33
W			12.33

No burb on S-W L to M

		Curb Elev	Curb Grade
	275' No. of M		
W			12.92
E			12.92
	300' No. = S.L. L		
E	no Returns		13.5
W	"		13.5
	No. LINE of L		
W	No Returns		15.0
E	" "		15.0
	25' No. of L.		
E			15.5
W			15.5
	50' N		
W			16.0
E			16.0

		Curb Elev	Curb Grade
	75' N. of L		
E			16.5
W			16.5
	100' N		
W			17.0
E			17.0
	125' N		
E			17.5
W			17.5
	150' N		
W			18.0
E			18.0
	175' N		
E			18.5
W			18.5
	200' N		
W			19.0
E			19.0

no Curbs or Walks K to L

			Elev	Grade
	225' No. of L.			
E				19.5
W				19.5
	250' N			
W				20.0
E				20.0
	275' N			
E				20.50
W				20.50
	225 24.25		22.00 B.M.	
	300' N = S.L. K			
W Returns OK		3.3	21.0	21.0
E " "		3.3	21.0	21.0
	No. LINE of K			
	8.05 30.05		22.00	
E		8.05	22.0	22.0
W		8.05	22.0	22.0

			Elev	Grade
	30.05			
	25' No. of K			
W				22.54
E				22.63
	50' N.			
E		6.8	23.25	23.25
W		7.0	23.05	23.08
	75' N			
W				23.62
E				23.88
	100' N			
E		5.6	24.5	24.50
W		6.0	24.1	24.17
	125' N			
W				24.71
E				25.13
	150 N			
E		4.4	25.7	25.75
W		4.8	25.25	25.25
	175 N			
E 160' n E lb Sunken				26.38
W				25.79

	30.05		Elev	Grade
	200' N. of K			
W		3.7	26.3	26.33
E		3.1	27.0	27.00
	225' N			
E				27.63
W				26.87
	250' N			
W		2.6	27.4	27.42
E		1.9	28.2	28.25
	275' N			
E				28.88
W				27.96
	300' N = SL. J.			
W		1.5	28.5	28.5
E		0.55	29.50	29.5
	8.75 37.29	1.5	28.54	
	No. LINE J.			
	No curb nor walk from I to J			
E		6.3	31.0	31.0
W Return OR		7.3	30.0	30.0

	37.29		Elev.	Grade
	25' No. of J.			
W				30.58
E				31.54
	50' N			
E		5.3	32.0	32.08
W	no bl			31.17
	75' N			
W				31.75
E				32.63
	100' N			
E		4.2	33.1	33.17
W	no bl			32.33
	125' N.			
W				32.92
E				33.71
	150' N			
E		3.0	34.25	34.25
W	no bl			33.50

			Elev.	Grade
	37.29			
	175' N. of J.			
W				34.08
E				34.79
	200' N			
E		2.0	35.3	35.33
W	mb			34.67
	225' N			
W				35.25
E				35.87
	250' N			
E		0.9	36.4	36.42
W	mb			35.83
	275' N			
W				36.42
E				36.96
	300' N = S.L. 1			
E		+0.4	37.5	37.5
W	Rebar is OK	0.4	36.9	37.0

			Elev.	Grade
	N.L. of I. 7.45 45-94		38.49 Bm	
W		7.45	38.5	38.5
E		7.0	39.0	39.0
	25' No. of I			
E				39.46
W				38.88
	50' N.			
W		6.7	39.24	39.25
E		6.0	39.9	39.92
	75' N			
E				40.37
W				39.62
	100' N			
W		6.0	39.9	40.0
E		5.2	40.7	40.83
	125' N			
E				41.29
W				40.38

	45.94		Elev.	Grade
	150' N. of I.			
W		3.2	40.7	40.75
E		4.2	41.7	41.75
	175' N.			
E				42.21
W				41.13
	200' N			
W		4.4	41.5	41.50
E		3.4	42.5	42.67
	225' N			
E		2.4		43.12
W				41.88
	250' N			
W		3.7	42.2	42.25
E		2.4	43.5	43.58
	275' N			
E				44.04
W				42.62

	45.94		Elev	Grade
	300' N = S. L. H.			
W		2.95	43.0	43.0
E		1.5	44.4	44.5
	N. L. of H.			
	7.28 5.28	1.94	44.00	
E		5.7	45.6	45.5
W		7.28	44.0	44.0
	25' N. of H.			
W				44.29
E				45.71
	50' N.			
E		5.3	46.0	45.92
W Tree in bank		6.6	44.7	44.58
	75' N			
W				44.87
E				46.12
	100' N			
E		4.9	46.5	46.33
W		6.1	45.2	45.17

	51.28		Elev.	Grade
	125' N. of H.			
W				45.46
E				46.54
	150' N.			
E	4.5	46.8		46.75
W	5.5	45.8		45.75
160' n Big Tree on Curb W side 101				
	175' N			
W				46.04
E				46.96
	200' N			
E	4.2	47.1		47.17
W	5.0	46.3		46.33
	225' N			
W				46.63
E				47.35
	250' N			
E	3.8	47.5		47.58
W	4.3	47.0		46.92

	51.28		Elev	Grade
	275' N. of H			69
W				47.21
E				47.79
	300' N = S.L G			
E	3.3	48.0		48.0
W	3.8	47.5		47.5
	N.L. of G			
8.78	57.24		48.46 Elev	
W	8.75	48.5		48.5
E	8.2	49.0		49.0
	25' N. of G			
E				49.54
W				49.0
	50' N.			
W	7.8	49.45		49.5
E	7.1	50.1		50.05
	75' N			
E				50.62
W				50.0

	57.24	Elev	Grade
	100' N. of G.		
W	6.7	50.5	50.50
E	6.0	51.2	51.17
	125' N		
E			51.71
W			51.00
	150' N		
W	5.8	51.45	51.50
E 140' to 150' Badley Broken bl	4.7	52.5	52.25
	175' N		
E			52.79
W			52.00
	200' N		
W	4.8	52.45	52.50
E	3.9	53.3	53.33
	225' N		
E			53.88
W			53.00

	57.24	Elev	Grade
	250' N. of G		
W	3.7	53.5	53.50
E	2.8	54.4	54.42
	275' N		
E			54.95
W			54.0
	300' N = S.L. of F.		
W	2.7	54.5	54.5
E	1.7	55.5	55.5
	N.L. of F.		
	8.93 64.42 1.75	55.49 Bm	
E	7.5	56.9	57.0
W	8.9	55.5	55.5
	25' N. of F.		
W			56.12
E			57.58
	50' N.		
E	6.3	58.1	58.17
W	7.7	56.7	56.75

	64.42		Elev	Grade
	75' N. of E.			
W				57.37
E				58.75
	100' N			
E		5.2	59.2	59.33
W		6.5	57.9	58.0
	125' N			
W				58.62
E				59.92
	150' N.			
E		3.9	60.5	60.50
W		5.2	59.2	59.25
	175' N			
W				59.87
E				61.08
	200' N			
E		2.8	61.6	61.67
W		4.0	60.4	60.50

	64.42		Elev	Grade
	225' N. of E			
W				61.12
E				62.25
	250' N.			
E		1.6	62.8	62.83
W		2.7	61.7	61.75
	275' N			
W				62.37
E				63.42
	300' N = S.L. E			
E		0.4	64.0	64.0
W		1.45	63.0	63.0
	N.L. of E	0.5'	narrow	
8.06	72.07	0.4	64.01	Bm
W		8.06	64.0	64.0
E 0.5 in street		7.1	65.0	65.0
	25' N. of E			
E				65.54
W				64.58

	72.02		Elev	Grade
	50' N. of E			
W	10' of bk Top off	69	65.1	65.17
E	Tree in bk 4'	6.0	66.0	66.08
	75' N.			
E				66.62
W				65.75
	100' N.			
W		5.7	66.3	66.33
E		5.0	67.0	67.17
	125' N.			
E				67.71
W				66.92
	150' N.			
W		4.5		~67.50
E		3.8		68.25
	175' N to 200			
E	bk Raised			68.79
W				68.08

	72.02		Elev	Grade
	200' N of E			
W	0.2 drop in bk	(3.4) (3.6)	68.6 68.4	68.67
E		2.7	69.3	69.33
	225' N.			
E				69.88
W				69.25
	250' N			
W		2.5		69.83
E		1.6		70.42
	275' N			
E				70.96
W				70.42
	300' N = S. L. of D. 0.2 narrow (Paved)			
W		1.30		71.0
E		0.75		71.5
	N. L. of D. (0.3 narrow) 83.0 79.04 70.74 Bn			
E		6.0		73.0
W		6.8		71.8

	7907		Elev	Grade
	25' N. of D			
W				72.27
E				73.46
	50' N.			
E		5.2		73.92
W		6.0		72.75
	75' N.			
W				73.22
E				74.37
	100' N.			
E		4.3	74.8	74.83
W		5.1	74.0	73.70
	110' N to 125' N			
W	bb is broken by Tres Sin OK	This whole fifty is on the bus		74.17
E				75.29
	150' N			
E		3.3		75.75
W	Drop	(4.2 / 4.4)	74.9 / 74.7	74.65

	7904		Elev	Grade
	175' N. of D.			
W				75.12
E				76.21
	200' N			
E		2.45	76.6	76.67
W		(3.4 / 3.2)		75.60
	225' N.			
W				76.08
E				77.12
	250' N.			
E		1.5		77.58
W	no curb for 50' N	2.4		76.55
	275' N			
W	no bb			77.02
E				78.04
	300' N = S.L. of C. (Paved)			
E		0.5		78.5
W	no bb	1.5		77.5

				Elev	Grade
	N. L. of C.			(02 narrow)	
	7.77	85.21		77.44 Bm	
W			7.7		77.5
E 25' Poor Curb			6.7		78.5
	25' N.				
E					79.04
W					77.96
	50' N				
W			6.8		78.42
E			5.7		79.58
	75' N.				
E					80.12
W					78.87
	100' N.				
W			5.9		79.33
E			4.6		80.67
	125' N.				
E					81.21
W					79.79

				Elev	Grade
	85.21				
	150' N. of C.				
W			5.0		80.25
E			3.6		81.75
	175' N.				
E					82.29
W					80.71
	200' N.				
W			4.2		81.17
E			2.4		82.83
	225' N.				
E					83.38
W	Cb broken by Palm Tree				81.63
	250' N.				
W			3.2		82.08
E			1.3		83.92
	275' N.				
E					84.45
W					82.54

		85.21		Elev	Grade
	300' N of C = S.L.B.				
W			12.2		83.0
E			0.2		85.0
	N.L. of B.				
	690	89.85	225	829.5 Bm	
E			4.90	85.0	85.0
W			6.90	83.0	83.0
	25' N. of B.				
W					83.12
E					85.12
	50' N.				
E			4.7	85.2	85.25
W			6.6	83.2	83.25
	75' N				
W					83.37
E					85.37
	100' N				
E			4.4	85.4	85.50
W			6.4	83.5	83.50

		89.85		Elev	Grade
	125' N. of B.				
W					83.62
E					85.62
	150' N				
E			4.1	85.75	85.75
W			6.1	83.75	83.75
	175' N				
W					83.87
E					85.87
	200' N				
E			3.8	86.0	86.00
W			5.9	84.0	84.00
	225' N.				
W					84.12
E					86.12
	250' N.				
E			3.6	86.25	86.25
W			5.6	84.25	84.25

	8985		Elev	Grade
	275' N of B.			
W		5.5	84.35	84.37
E				86.37
	300' N = S.L. A. - 0.3 narrow			
E		3.35	86.5	86.5
W	Bad Bunch bb	4.95	84.9.0	84.5
		Return 5.3	84.5	
	N.L. of A			
	5.45 8992	5.38	84.47	
W		5.5	84.4	84.5
E		3.5	86.4	86.5
	25' N. of A			
E				86.15
W				84.15
	50' N			
W		6.4	83.5	83.81
E		4.2	85.7	85.81
	75' N			
E				85.46
W				83.46

	8992		Elev	Grade
	100' N. of A.			
W		7.5	82.4	83.11
E		4.8	85.1	85.11
	8.5 (?) N. of A = S.L. PARK.			
E 8.5' = End		5.0	84.9	85.0
W 8.5' = End of bb		7.6	82.3	83.0

Last piece of curb S.L. of K. ✓

170 - 200 No of K E side = 5 low.

No curb W side bet I + J. ✓

495 - 55' No of H out. W side

156 - 165' ✓ ✓ ✓ ✓ ✓ ✓

144 - 160 ✓ ✓ G ✓ E ✓

15 - 18 ✓ ✓ E ✓ E ✓

44 - 47 ✓ ✓ E ✓ E ✓

N.L. E to 150' N is out in street.

112 - 127 N of D out W side

133 - 138 ✓ ✓ ✓ ✓ ✓ ✓

170 - 174 N of D out W side

186 - 190 " " " " W "

4 times pencil

206 - 208 " " " " " "

223 - 225 " " " " " "

250 - 300 " " " " " " wood curb

17 - 35 N of C out E side

219 - 229 " " " " W "

280 — 305 into return out W side

70 - 108.5 N of A out low

#400

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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.		