Bartlett Estate

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City Hall, San Diego, Cal.

143

400

LEVEL

F.B. 143

143

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

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TABLE FOR RUNNING ON SLOPES.

MICROFILMED
OCT 7 1964

In the following table the first column shows the angle, the second the number of links to be added to 100 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

143
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Cross Section K St - 24 to 25th

1

c/2x/c4 { Davis, Brad, Lambert

Sta	+	I.H	-	Rod	Ele B.M
	1.35	81.91			80.56
		E. line 24th			
No. line				2.7	79.2
Curb				4.0	77.9
1/4				3.8	78.1
C				4.8	77.1
1/4				4.9	77.0
Curb				6.4	75.5
So. line				6.7	75.2
		25' E. of 24th			
So. line				7.5	74.4
Curb				7.9	74.0
1/4				6.8	75.1
C.				6.5	75.4
1/4				5.5	76.4
Cb.				5.3	76.6
No. line				3.5	78.4

50' E of 24th
(81.91)

No line		5.6	76.3
Cb.		6.3	75.6
1/4		7.0	74.9
C.		7.4	74.5
1/4		7.9	74.0
Cb.		8.8	73.1
So. line		8.7	73.2

75' E of 24th

So line		9.8	72.1
Cnt		9.7	72.2
1/4		8.8	73.1
C		7.8	74.1
1/4		6.9	75.0
Cnt		6.5	75.4
No line		5.4	76.5

100' E of 24th
(81.91)

No line			5.90	76.0
Cb.			6.5	75.4
1/4			7.1	74.8
C.			8.0	73.9
1/4			8.6	73.3
Cb.			8.7	73.2
So line			9.4	72.5

125' E of 24

So line			9.9	72.0
Cb.			9.1	72.8
1/4			9.3	72.6
C			8.5	73.4
1/4			7.6	74.3
Cb.			6.8	75.1
No line			6.4	75.5
T.P.	1.05	77.11	5.85	76.06

150' E of 24th
(77.11)

No line	0.7	76.4
Cb.	1.9	75.2
1/4	2.4	74.7
C	3.7	73.4
1/4	4.2	72.9
Cb.	4.9	72.2
So line	5.4	71.7

175' E of 24

So line	5.6	71.5
Cb.	5.0	72.1
1/4	4.7	72.4
C	4.1	73.0
1/4	2.9	74.2
Cb.	2.5	74.6
No line	1.9	75.2

200' E of 24th
(77.11)

No line	3.4	73.7
Cb.	3.9	73.2
1/4	4.8	72.3
C	5.3	71.8
1/4	5.5	71.6
Cb.	5.8	71.3
So. line	6.3	70.8

225' E of 24

So line	6.9	70.2
Cb.	6.6	70.5
1/4	6.4	70.7
C	6.1	71.0
1/4	5.4	71.7
Cb.	4.8	72.3
No line	4.3	72.8

250' E of 24th
(77.11)

No line				4.9	72.2
Cb.				5.4	71.7
1/4				6.3	70.8
C				6.8	70.3
1/4				6.8	70.3
Cb.				6.8	70.3
So line				7.4	69.7

275' E of 24

So line				7.7	69.4
Cb.				7.3	69.8
1/4				7.0	70.1
C				6.4	70.7
1/4				6.3	70.8
Cb.				5.6	71.5
No line				4.9	72.2
T.P.	1.52	77.61	1.02		13th Cor Prop 350' E of 24 76.09

295' E 24th = W. line Alley
(77.61)

No line				5.3	72.3
Cb.				5.3	72.3
1/4				6.9	70.7
C.				7.4	70.2
1/4				7.4	70.2
Cb.				7.7	69.9
So line				8.1	69.5

300' E 24th C of Alley

So line				8.1	69.5
Cb.				7.6	70.0
1/4				7.5	70.1
C				7.3	70.3
1/4				6.8	70.8
Cb.				5.9	71.8
No line				5.4	72.2

305' E 24th E line alley
(77.61)

No line	5.6	72.0
Cb.	6.0	71.6
1/4	7.1	70.5
C	7.1	70.5
1/4	7.6	70.0
Cb.	7.6	70.0
So line	7.9	69.7

325' E 24th

So line	8.1	69.5
Cb.	7.9	69.7
1/4	7.1	70.5
C	6.6	71.0
1/4	6.6	71.0
Cb.	5.5	72.1
No line	5.1	72.5

350' E of 24th
(77.61)

No line	3.0	74.6
Cb.	5.4	72.2
1/4	6.1	71.5
C	6.3	71.3
1/4	6.6	71.0
Cb.	6.6	71.0
So line	7.2	70.4

375' E 24th

So line	7.1	70.5
Cb.	6.3	71.3
1/4	5.8	71.8
C.	5.5	72.1
1/4	5.0	72.6
Cb.	4.4	73.2
No line	2.0	75.6

400' E. of 24th
(77.6)

No line	2.1	77.5
Cb.	4.3	73.3
¼	4.6	73.0
C.	5.0	72.6
¼	5.4	72.2
Cb.	5.9	71.7
So line	6.8	70.8

425' E 24th

So line	6.3	71.3
Cb.	5.7	71.9
¼	5.6	72.0
C	5.3	72.3
¼	4.7	72.9
Cb.	4.5	73.1
No line	3.1	74.5

450' E 24th
(77.6)

No line	3.6	74.0
Cb.	4.3	73.3
¼	4.3	73.3
C	5.0	72.6
¼	5.5	72.1
Cb.	5.6	72.0
So line	6.2	71.4

475' E 24th

So line	5.6	72.0
Cb.	5.2	72.4
¼	5.0	72.6
C	4.6	73.0
¼	3.8	73.8
Cb.	3.5	74.1
No line	2.2	75.4

500' E of 24
(77.61)

No line				0.1	77.5
Cb.				2.9	74.7
1/4				3.1	74.5
C				3.7	73.9
1/4				4.2	73.4
Cb.				4.4	73.2
So line				5.1	72.5
T.P.	4.03	80.81	0.83		B.M.-Cop tack in white post. 250K 76.78

525' E 24th

So line				6.8	74.0
Cb				6.8	74.0
1/4				6.4	74.4
C				5.7	75.1
1/4				5.6	75.2
Cb.				5.1	75.7
No line				2.0	78.8

550' E 24th
(80.81)

No line				1.85	79.0
Cb.				4.2	76.6
1/4				4.6	76.2
C				5.2	75.6
1/4				5.5	75.3
Cb.				5.6	75.2
So line				5.8	75.0

5.75' E 24th

So line				5.6	75.2
Cb.				4.5	76.3
1/4				4.3	76.5
C				4.5	76.3
1/4				4.0	76.8
Cb.				3.6	77.2
No line				1.6	79.2

K 24 to 25

W. line of 25
(80.81)

No line	1.9	78.9
Cb.	3.0	77.8
1/4	3.2	77.6
0	3.7	77.1
1/4	4.3	76.5
Cb.	4.6	76.2
No line	5.0	75.8

Cross Section of 25th St — No. line K to No. line N. 6/24/04 { W Davis, Brad, Lambert

	3.28 80.06		B.M. 76.78
	No line of K St		
W. line		1.2	78.9
Cb.		1.7	78.4
1/4		1.4	78.7
C.		0.6	79.5
1/4		0.1	80.0
Cb.		0.2	79.9
E. line		0.3	79.8
	Curb No side K		
E side		0.7	79.4
Cb.		0.6	79.5
1/4		0.3	79.8
C		1.3	78.8
1/4		2.0	78.1
Cb.		2.0	78.1
W. line		2.3	77.8

	1/4 No side K (80.06)		
W. line		2.5	77.6
Cb		2.4	77.7
1/4		2.5	77.6
C		1.8	78.3
1/4		1.2	78.9
Cb		1.0	79.1
E line		1.3	78.8
	Center of K		
E line		1.6	78.5
Cb.		2.1	78.0
1/4		2.5	77.6
C		3.0	77.1
1/4		3.2	76.9
Cb		2.8	77.3
W. line		3.0	77.1

25th K to N

1/4 So side of K (80.06)		
W. line	3.6	76.5
Cb	3.5	76.6
1/4	3.4	76.7
C	3.0	77.1
1/4	2.6	77.5
Cb	2.1	78.0
E line	1.9	78.2
Curb So side of K		
E line	2.4	77.7
Cb	2.8	77.3
1/4	3.4	76.7
C	3.6	76.5
1/4	3.9	76.2
Cb	3.8	76.3
W. line	3.8	76.3

So. line of K (80.06)		
W. line	4.2	75.8
Cb	4.2	75.9
1/4	4.1	76.0
C	3.7	76.4
1/4	3.6	76.5
Cb	3.1	77.0
E. line	2.6	77.5
25' So of K		
E line	3.8	76.3
Cb	4.0	76.1
1/4	3.6	76.5
C	4.4	75.7
1/4	4.8	75.3
Cb	5.0	75.1
W. line	5.2	74.7

25th K to N

50' So of K
(80.06)

W. line	5.8	74.3
Cb	5.7	74.4
1/4	5.6	74.5
C	5.3	74.8
1/4	5.1	75.0
Cb	4.7	75.4
E. line	4.4	75.7

75' So of K

E. line	4.9	75.2
Cb	5.6	74.5
1/4	5.9	74.2
C	6.3	73.8
1/4	6.8	73.3
Cb	6.6	73.5
W. line	6.8	73.8

100' So of K
(80.06)

W. line	7.1	73.0
Cb	7.5	72.6
1/4	7.9	72.2
C	6.6	73.5
1/4	6.8	73.3
Cb	6.3	73.8
E. line	5.8	74.3
T.P.	0.62 74.16 6.52	73.54

125' So of K St.

E. line	0.9	73.3
Cb	1.0	73.2
1/4	0.7	73.5
C	1.6	72.6
1/4	2.7	71.5
Cb	2.5	71.7
W. line	2.2	72.0

25th K to N

150' So of K.
(74.16)

W-line	1.9	72.3
Cb	2.5	71.7
1/4	3.0	71.2
C	2.9	71.3
1/4	2.3	71.9
Cb	2.0	72.2
E line	1.9	72.3

175' So of K

E-line	2.6	71.6
Cb	3.0	71.2
1/4	3.5	70.7
C	3.6	70.6
1/4	3.8	70.4
Cb	3.6	70.6
W-line	3.1	71.1

200' So of K
(74.16)

W. line	3.85	70.4
Cb	4.2	70.0
1/4	4.1	70.1
C	4.3	69.9
1/4	3.6	70.6
Cb	3.4	70.8
E-line	2.7	71.5

225' So of K

E. line	4.0	70.2
Cb	3.9	70.3
1/4	4.2	70.0
C	5.2	69.0
1/4	4.5	69.7
Cb	4.0	70.2
W line	4.2	70.0

2.5 to K to N

~~2.5~~

250' So of K
(74.16)

W. line	5.1	69.1
Cl	5.6	68.6
1/4	5.5	68.7
C	5.7	68.5
1/4	5.1	69.1
Cl	4.2	70.0
E line	4.6	69.6

275' So of K

E. line	5.1	69.1
Cl.	5.1	69.1
1/4	5.9	68.3
C	6.1	68.1
1/4	5.9	68.3
Cl	6.7	67.5
W. line	6.1	68.1

6/29/04 { Davis, Brad, Lambert

No line of L.
(74.16)

W. line	5.9	68.3
Cl	6.9	67.3
1/4	6.7	67.5
C	6.8	67.4
1/4	6.8	67.4
Cl	6.2	68.0
E. line	5.7	68.5
		13.M
1.27	78.05	76.78
2.28	70.59 9.74	68.31

Cl. No side L.

E line	2.3	68.29
Cl.	3.4	67.19
1/4	3.0	67.59
C	3.7	66.89
1/4	3.4	67.19
Cl	3.8	66.79
W. line	3.2	67.39

25 K to N

¼ No side L (70.59)

W. line	3.4	67.19
Cl.	4.1	66.49
¼	4.1	66.49
C	3.7	66.89
¼	2.6	67.99
Cl	3.2	67.39
E line	3.3	67.29

Center of L

E line	3.6	66.99
Cl.	3.9	66.69
¼	4.0	64.59
C	4.6	65.99
¼	4.5	66.09
Cl	4.3	66.29
W line	3.1	67.49

¼ So. side L (70.59)

W. line	3.9	66.69
Cl	4.6	65.99
¼	4.6	65.99
C	4.9	65.69
¼	4.5	66.09
Cl	4.6	65.99
E line	4.8	66.29

Cl. line So. side L

E line	4.0	66.59
Cl.	4.7	65.89
¼	4.8	65.79
C	5.3	65.29
¼	4.9	65.69
Cl	5.2	65.39
W line	4.4	66.19

25 K to N

So. line of L. (70.59)

W line	4.0	66.6
Cb	4.1	64.5
¼	5.3	65.3
C	5.8	64.8
¼	5.5	65.1
Cb	5.3	65.3
E line	4.3	66.3

6' so L

W line	6.4	64.2
Cb.	6.3	64.3

25' So. L

E. line	5.0	65.6
Cb.	5.5	65.1
¼	5.2	65.4
C	6.5	64.1
¼	6.8	63.8

(70.59)

Cb.	7.0	63.6
W line	7.1	63.5

57' So L.

W. line	7.4	63.2
Cb	6.9	63.7
¼	6.8	63.8
C	6.2	64.4
¼	4.2	66.4
Cb	3.9	66.7
E. line	4.7	65.9

75' So. L

E. line	3.3	67.3
Cb	3.7	66.9
¼	4.5	66.1
C	5.8	64.8
¼	6.0	64.6
Cb	6.4	64.2
W-line	6.4	64.2

25 Kto N

100' so of L (70.59)

W. line	5.7	64.9
Cb	4.9	65.7
¼	4.7	65.9
C	4.5	66.1
¼	4.3	66.3
Cb	4.7	65.9
E line	3.4	67.2

125' so of L

E line	3.2	67.4
Cb.	4.1	66.5
¼	4.3	66.3
C	4.6	66.0
¼	4.8	65.8
Cb	4.5	66.1
W. line	4.1	64.5

150 so of L (70.59)

W. line	5.2	65.4
Cb	5.7	64.9
¼	5.6	65.0
C	5.8	65.3
¼	5.4	65.2
Cb	5.1	65.5
E line	3.1	67.5

175 so. L

E line	5.5	65.1
Cb	5.7	64.9
¼	5.8	64.8
C	6.0	64.6
¼	4.5	64.1
Cb	4.8	63.8
W line	7.1	63.5

200' so of L
(70.59)

W. line	7.3	63.3
Cb	7.0	63.6
¼	6.6	64.0
C.	6.4	64.2
¼	6.3	64.3
Cb	6.2	64.4
E line	6.1	64.5

225' so of L

E line	5.3	65.3
Cb	6.4	64.2
¼	6.6	64.0
C	6.6	64.0
¼	6.9	63.7
Cb	7.0	63.6
W. line	7.0	63.6

250' so of L
(70.59)

W. line	7.2	63.4
Cb	6.9	63.7
¼	6.8	63.8
C	6.8	63.8
¼	6.9	63.7
Cb	7.0	63.6
E line	6.8	63.8

275' so of L

E line	7.1	63.5
Cb	7.3	63.3
¼	7.5	63.1
C	7.1	63.5
¼	7.2	63.4
Cb	7.4	63.2
W. line	7.2	63.4

25 K to N.

No line of M
(70.59)

W-line		8.2	62.4
Cb		8.1	62.5
¼		8.3	62.3
C		8.2	62.4
¼		8.0	62.6
Cb.		8.0	62.9
E-line		6.9	63.7
	0.30 65.24 5.65		64.94

Cb. line No. side M.

E-line		1.6	63.6
Cb		2.5	62.7
¼		3.3	61.9
C		3.4	61.8
¼		3.4	61.8
Cb.		2.8	62.4
W-line		3.5	62.7

¼ No. side M
(65.24)

W-line		4.4	60.8
Cb.		4.0	61.2
¼		3.8	61.4
C		3.6	61.6
¼		3.5	61.7
Cb		3.3	61.9
E-line		2.9	62.3

Center of M.

E-line		3.2	62.0
Cb.		3.2	62.0
¼		3.3	61.9
C		3.5	61.7
¼		3.6	61.6
Cb.		3.7	61.5
W-line		3.9	61.3

25 K to N

1/4 so side M (65.24)

W. line	4.7	62.5
Cb	3.9	61.3
1/4	4.1	61.1
C	3.4	61.6
1/4	3.3	61.9
Cb	3.1	62.1
E. line	2.9	62.3

Cb. line so side M

E. line	3.2	62.0
Cb	3.1	62.1
1/4	3.4	61.8
C	5.0	60.2
1/4	5.7	59.5
Cb	5.9	59.3
W. line	5.7	59.5

So side M (65.24)

W. line	7.1	58.1
Cb	6.6	58.6
1/4	6.5	58.7
C	6.1	59.1
1/4	4.7	60.5
Cb	4.5	60.7
E. line	3.5	61.7

25' so M

E. line	3.9	61.3
Cb	5.2	60.0
1/4	5.9	59.3
C	6.8	59.4
1/4	7.3	57.9
Cb	7.7	57.5
W. line	8.2	57.0

25th K to N

50' so M
(65.24)

W. line	8.8	56.4
Cb.	8.1	57.1
¼	7.4	57.8
C.	6.5	59.7
¼	5.9	59.3
Cb.	5.0	60.2
E. line	4.3	60.9

75' so M

E. line	4.9	60.3
Cb.	5.3	59.9
¼	5.6	59.6
C	6.5	58.7
¼	7.7	57.5
Cb	8.2	57.0
W. line	9.0	56.2

100' so of M
(65.24)

W. line	9.2	56.0
Cb.	7.7	57.5
¼	7.4	57.8
C	6.5	58.7
¼	5.2	60.0
Cb.	5.5	59.7
E. line	5.6	59.6

125' so of M.

E. line	6.0	59.2
Cb.	6.2	59.0
¼	6.3	58.9
C	6.6	58.6
¼	6.6	58.6
Cb	6.9	58.3
W. line	7.6	57.6

25 K to N

	15				
	150' so of M (65.24)				
W. line				7.0	58.2
Cb.				7.0	58.2
1/4				6.9	58.3
C				6.9	58.3
1/4				6.6	58.6
Cb				6.5	58.7
E. line				6.3	58.9
	175' so of M				
E. line				7.0	58.2
Cb.				7.0	58.2
1/4				6.9	58.3
C				7.3	57.9
1/4				7.3	57.9
Cb				7.3	57.9
W. line				7.4	57.8
T.P.	2.88	60.70	7.42		57.82

	200' so of M (60.70)				
W. line				3.3	57.4
Cb				3.3	57.4
1/4				3.2	57.5
C				3.3	57.4
1/4				3.2	57.5
Cb				3.1	57.6
E. line				2.9	57.8
	225' so of M				
E. line				3.6	57.1
Cb				3.2	57.5
1/4				3.6	57.1
C				3.9	56.8
1/4				3.7	57.0
Cb				3.8	56.9
W. line				3.7	57.0

25th K to N.

250' so of M
(60.70)

W. line	4.3	56.4
Cb	4.3	56.4
1/4	4.4	56.3
C	4.5	56.2
1/4	4.3	56.4
Cb	4.2	56.5
E line	4.0	56.7

275' so of M

E. line	4.6	56.1
Cb	4.9	55.8
1/4	5.1	55.6
C	5.1	55.6
1/4	4.6	56.1
Cb	4.6	56.1
W. line	4.6	56.1

No line of N.
(60.70)

		✓ or B.M. 14 high
W. line	5.54	55.16
Cb	5.6	55.1
1/4	5.6	55.1
C	5.9	54.8
1/4	5.9	54.8
Cb	5.7	55.0
E line	5.8	54.9

Cross Section of 24th St

Sta	+	I.H	−	Rod	Elt
					BM
	0.56	81.12			80.56
	No. line K St.				
W. line				+0.15	81.27
Cb.				0.1	81.0
				0.5	80.6
1/4				0.8	80.3
C				1.4	79.7
1/4				1.5	79.6
Cb				1.4	79.7
E. line				2.0	79.1
	Cb No side K				
E. line				3.3	77.8
Cb.				2.5	78.6
1/4				2.1	79.0
C				1.5	79.6
1/4				1.4	79.7
Cb				1.0	80.1
W. line				0.1	81.0
				1.1	80.0

K to L 6/29/04 { Davis, Bradley, Lambert

1/4 No side K (81.12)		
W. line	0.9	80.2
Cb.	1.4	79.7
1/4	1.7	79.4
C	2.2	78.9
1/4	2.2	78.9
Cb	2.6	78.5
E. line	3.0	78.1
Center of K		
E. line	4.0	77.1
Cb	3.2	77.9
1/4	2.4	78.7
C	2.2	78.9
1/4	2.6	78.5
Cb	2.2	78.9
W. line	1.6	79.5

¼ so side K
(81.12)

W. line	2.0	79.1
Cl	2.8	78.3
¼	3.2	77.9
C	3.5	77.6
¼	4.0	77.1
Cl	4.5	76.6
E line	4.2	76.9

Cl. so side K

E line	4.6	76.5
Cl.	4.8	76.3
¼	4.3	76.8
C	3.6	77.5
¼	3.2	77.9
Cl	3.0	78.1
W. line	1.1	80.0

so line of K
(81.12)

W. line	0.8	80.3
Cl.	2.2 / 1.1	78.9 / 80.0
¼	3.1	78.0
C	3.7	77.4
¼	4.8	76.3
Cl	5.2	75.9
E line	5.6	75.5

So. line of K on W. side - 17' so of So. line on E. side

E line	5.7	75.4
Cl.	5.3	75.8
¼	4.6	76.5
C.	3.7	77.4
¼	3.2	77.9
Cl	2.2 / 1.1	78.9 / 80.0
W. line	0.8	80.3

25' 20 of K
(81.12)

W. line	2.8	78.3
Cb	3.5	77.6
¼	4.1	77.0
C	4.5	76.6
¾	5.8	75.8
Cb	6.2	74.9
E. line	6.4	74.7

50' 20 of K

E. line	7.2	73.9
Cb	7.0	74.1
¼	5.8	75.3
C	4.9	76.2
¾	4.8	76.3
Cb	4.2	76.9
W. line	3.5	77.6

75' 20 of K
(81.12)

W. line	4.6	76.5
Cb.	5.5	75.6
¼	5.9	75.2
C	6.3	74.8
¾	6.8	74.3
Cb	7.6	73.5
E. line	7.7	73.4

100' 20 of K

E. line	8.8	72.3
Cb.	8.4	72.7
¼	7.9	73.2
C	7.3	73.8
¾	6.9	74.2
Cb	6.4	74.7
W. line	5.5	75.6

125' 20 of K
(81.12)

W. line				7.1	74.0
Cb				7.7	73.4
1/4				7.9	73.2
C				8.6	72.5
1/4				8.5	72.6
Cb				9.5	71.6
E. line				10.3	70.8

150' 20 of K

E. line				11.5	69.6
Cb				10.3	70.8
1/4				9.4	71.7
C				9.0	72.1
1/4				8.8	72.3
Cb				8.7	72.4
W line				8.4	72.7
T.P.	0.96	72.95	9.03		72.09

175' 20 of K
(72.95)

W. line	1.4	71.6
Cb	1.7	71.3
1/4	1.8	71.2
C	2.2	70.8
1/4	2.4	70.6
Cb	3.3	69.7
E. line	3.4	69.6

200' 20 of K

E line	5.1	67.9
Cb	4.6	68.4
1/4	4.2	68.8
C	3.4	69.6
1/4	3.0	70.0
Cb	2.9	70.1
W line	2.6	70.3

225' so of R
(72.95)

W. line		4.0	69.0
Cb		4.4	68.6
¼		4.4	68.6
C		4.5	68.5
¼		4.9	68.1
Cb		5.6	67.4
E. line	5	5.6	67.4

250 so of R

E. line		7.3	65.7
Cb.		6.9	66.1
¼		6.0	67.0
C		5.6	67.4
¼		5.4	67.6
Cb		5.5	67.5
W. line		5.25	67.7

275' so of R = 25 No. of L on W side
72.95 = 8' " " " " E. side

W. line		6.2	66.8
Cb		6.4	66.6
¼		6.6	66.4
C		7.0	66.0
¼		7.7	65.3
Cb		7.8	65.2
E. line		8.3	64.6

No line of L.

E. line		8.8	64.1
Cb		8.6	64.4
¼		8.9	64.1
C		7.4	65.6
¼		7.7	65.3
Cb		7.6	65.4
W. line		7.7	65.2
			3 m up L
	5.10		67.85

Levels over center line of Cuyamaca Ry
Track from 24th to 26th 8/5/04 { Davis / Lambert

Sta	+	I.H	−	Elev
	0.32	68.14		67.817
	2.48	60.25	10.37	57.77
	3.77	55.53	8.49	51.76
W line 24			6.4	49.13
E line 24th			6.23	49.30
100' E 24th			5.28	50.25
200' " "			4.88	50.65
300' " "			4.12	51.41
400 " "			3.30	52.23
500' " "			2.32	53.21
W line 25th			1.82	53.71
T.P.	7.67	61.43	1.77	53.76
E line 25			7.18	54.25
100' E 25			6.44	54.99
200 " "			5.32	56.11
300			4.58	56.85
400			3.84	57.59
500			2.78	58.65
560 = W line 26th			2.28	59.15
E line 26			1.72	59.71

Cross-section of L. St - 25 to 26

8/27/14 { Davis, Torrence, Evans

Sta	+	I.H	−	Elev
	8.86	75.25		66.39
		E line of 25th		
No line			6.9	68.4
cb			7.1	68.15
1/4			8.0	67.25
c			8.3	66.95
1/4			9.0	66.25
cb			8.6	66.19
so line			8.6	66.7
		25' E of 25th		
so line			8.8	66.45
cb			8.7	66.55
1/4			8.5	66.75
c			8.0	67.25
1/4			7.6	67.65
cb			6.5	68.75
			6.5	68.75

Sta	+	I.H (75.25)	−	Elev
		50' E of 25th		
No line			6.3	69.0
cb			6.4	68.85
1/4			6.9	68.35
c			7.5	67.75
1/4			8.0	67.25
cb			8.7	66.55
so line			8.2	67.1
		75' E of 25th		
so line			8.2	67.05
cb			8.1	67.15
1/4			7.4	67.85
c			7.1	68.15
1/4			6.2	69.05
cb			6.1	69.15
No line			5.5	69.75

Sta	+	I.H (75.25)	—	El
		100' E of 25th		
No line			5.2	70.1
Cl			5.6	69.65
1/4			5.8	69.45
C			6.1	69.15
1/4			6.7	68.55
Cl			7.4	67.85
no line			7.7	67.6
		125' E of 25th		
no line			6.7	68.55
Cl			6.3	68.95
1/4			6.3	68.95
1 rod			6.9	68.35
C			6.6	68.65
1/4			5.7	69.55
Cl			5.1	70.15
no line			4.4	70.85

Sta	+	I.H (75.25)	—	El
		150' E of 25th		
No line			4.7	70.6
Cl			4.9	70.35
1/4			5.2	70.05
C			4.9	70.35
1/4			5.2	70.05
Cl			5.5	69.75
no line			6.1	69.2
		175' E of 25		
no line			5.5	69.75
Cl			5.2	70.05
1/4			4.9	70.35
C			4.6	70.65
1/4			4.3	70.95
Cl			4.0	71.25
No line			3.4	71.85

+	I.H. 75.25	−	El
	200' E of 25th		
No line		3.4	71.9
Cl		3.9	71.35
1/4		4.1	71.15
C		4.4	70.85
1/4		4.7	70.55
Cl		5.1	70.15
No line		5.1	70.2
	225' E of 25		
No line		4.5	70.75
Cl		4.7	70.55
1/4		4.4	70.85
C		4.2	71.05
1/4		3.9	71.35
Cl		3.7	71.55
No line		3.4	71.85

+	I.H. (75.25)	−	El
	250' E of 25th		
No line		3.5	71.8
Cl		3.5	71.75
1/4		3.5	71.75
C		3.8	71.45
1/4		3.7	71.55
Cl		4.3	70.95
No line		4.2	71.1
	260' E of 25th		
No line		3.8	71.5
Cl		4.1	71.15
1/4		3.8	71.45
C		3.6	71.65
1/4		3.6	71.65
Cl		3.4	71.85
No line		3.2	72.1

	+	1.H 75.25	−		Ele
		285' E of 25th			
No line			2.6		72.7
Cb			2.8		72.45
1/4			3.0		72.25
C			3.2		72.05
1/4			3.4		71.85
Cb			3.6		71.65
no line			3.3		72.0
		310' E of 25th			
no line			3.1		72.2
Cb			3.0		72.25
1/4			2.7		72.55
C			2.7		72.55
1/4			2.7		72.55
Cb			2.7		72.55
no line			2.7		72.6

	+	1.H 75.25	−		Ele
		335' E of 25th			
No line			2.3		73.0
Cb			2.3		72.95
1/4			2.3		72.95
C			2.4		72.85
1/4			2.3		72.95
Cb			2.4		72.65
no line			2.8		72.5
		360' E of 25th			
no line			2.6		72.7
Cb			2.3		72.95
1/4			2.1		73.15
C			1.7		73.55
1/4			2.0		73.25
Cb			2.1		73.15
No line			1.9		73.4

	+	I.H. (75.25)	−	El
		385' E of 25th		
No line			1.6	73.7
Cb			1.6	73.65
1/4			1.8	73.45
C			2.2	73.05
1/4			2.0	73.25
Cb			2.5	72.75
no line			2.6	72.7
		410' E of 25th		
no line			2.8	72.5
Cb			2.8	72.45
1/4			1.9	73.35
C			1.7	73.55
1/4			1.7	73.55
Cb			1.3	73.95
No line			1.2	74.1
T.P.	1.58	76.40	0.43	74.82

	+	I.H. (76.40)	−	El
		435' E of 25th		
No line			3.2	73.2
Cb			3.2	73.2
1/4			3.3	73.1
C			3.7	72.7
1/4			4.0	72.4
Cb			4.2	72.2
no line			4.2	72.2
		460' E of 25		
no line			4.1	72.3
Cb			4.1	72.3
1/4			3.8	72.6
C			3.7	72.7
1/4			3.5	72.9
Cb			3.3	73.1
No line			3.4	73.0

+	I.H. 76.40	−	El
	485' E of 25		
No line		3.9	72.5
Cl		3.7	72.7
1/4		3.8	72.6
C		3.8	72.6
1/4		3.8	72.6
Cl		4.2	72.2
No line		3.8	72.6
	510' E of 25th		
No line		4.3	72.1
Cl		4.5	71.9
1/4		4.3	72.1
C		4.7	71.7
1/4		4.9	71.5
Cl		5.3	71.1
No line		6.1	70.3

+	I.H. (76.40)	−	El
	535' E of 25th		
No line		6.4	70.0
Cl		7.2	69.2
1/4		6.9	69.5
C		6.8	69.6
1/4		6.2	70.2
Cl		5.3	71.1
No line		4.8	71.6
	560' E of 25 = E line 26th		
No line		5.1	71.3
Cl		6.3	71.1
1/4		5.6	70.8
C		6.4	70.2
1/4		7.8	68.6
Cl		7.8	68.6
No line		7.3	69.1

26th Street.

S. Line K. To N. Line N.

Hatch 8/29/04
Torrance
Evans.

Sta	+	H.I	-	El.	
		So. line K. at 26			
B.M.	0.63	88.42		87.79	Spike in Tel. Pole - K. & 26 -
W. Line			4.4	84.0	
C.b.			4.1	84.3	
1/4			3.3	85.1	
C			3.1	85.3	
1/4			2.8	85.6	
C.b.			2.3	86.1	
E. Line			2.1	86.3	
		25 ft. S. of K.			
E.			4.7	83.7	
C.b.			4.8	83.6	
1/4			6.1	82.3	
C			6.8	81.6	
1/4			6.6	81.8	
C.b.			7.0	81.4	
W.			7.8	80.6	

Sta.	+	HI		−	Elev
		50 ft. S. of K			
W		88.42		10.4	78.0
Cb				10.4	78.0
1/4				10.0	78.4
C				9.7	78.7
1/4				8.8	79.6
Cb				8.1	80.3
E				7.1	81.3
		75 ft. S. of K			
W				13.2	75.2
Cb				12.8	75.6
1/4				12.4	76.0
C				12.0	76.4
1/4				11.7	76.7
Cb				10.6	77.8
E				10.0	78.4
⊙	1.03	77.52	11.93		76.49

8/29/09

Sta.	+	H.I.	-	El.
		77.52		
		100 ft. S. of K		
E			1.7	75.8
Cb.			2.3	75.2
1/4			2.6	74.9
C			2.6	74.9
1/4			2.8	74.7
Cb.			2.9	74.6
W.			3.2	74.3
		125 ft. S. of K		
W			4.0	73.5
Cb.			4.0	73.5
1/4			3.8	73.7
C			3.5	74.0
1/4			3.3	74.2
Cb			3.2	74.3
E			2.9	74.6

5/29/04 ✓

150 ft S. of K.
74.52

E	3.2	74.3
Cb.	3.3	74.2
1/4	3.4	74.1
C	3.7	73.8
1/4	4.0	73.5
Cb.	4.1	73.1
W	4.5	73.0

175 ft S. of K.

W	4.7	72.8
Cb	3.4	74.1
1/4	3.1	74.4
C	3.4	74.1
1/4	3.4	74.1
Cb	3.1	74.4
E	2.2	75.3

7/29/34

	+	77.52 HI.	−	El
		190 ft. S. of K.		
E			2.3	75.2
Cb			3.2	74.3
1/4			3.9	73.6
C			4.3	73.2
1/4			4.5	73.0
Cb			4.9	72.6
W			5.6	71.9
		200 ft. S. of K.		
W			5.9	71.6
Cb			5.3	72.2
1/4			4.9	72.6
C			4.2	73.3
1/4			3.1	74.4
Cb			3.2	74.3
E			2.9	74.6

	+ HI	−	El
	225 ft. S. of K.		
E	77.52	4.1	73.4
cb.		3.8	73.7
1/4		4.1	73.4
C		5.0	72.5
1/4		5.6	71.9
cb.		6.0	71.5
W.		6.2	71.3
	250 ft. S. of K.		
W		6.5	71.0
cb		6.2	71.3
1/4		6.0	71.5
C		6.0	71.5
1/4		5.9	71.6
cb		5.7	71.8
E		5.7	71.8

8/29/04

	+	HI	−	El.
275 ft. S. of K				
		77.52		
E			7.2	70.3
cb.			7.3	70.2
1/4			7.1	70.4
C			7.1	70.4
1/4			7.3	70.2
cb.			7.6	69.9
W			7.4	70.1
300 ft S. of K. = No. line. h St.				
W			8.3	69.2
cb			8.5	69.0
1/4			8.6	68.9
C			8.6	68.9
1/4			8.3	69.2
cb.			7.5	70.0
E			7.4	70.1

8/30/04

Sta.	+	HI	−	El.
BM. 25 & h.	9.74	76.13		66.39
(Established) BM. 26 & h.	2.89	74.49	4.53	71.60
			2.83	71.66
14 ft S. of N. line of h				
W			6.0	68.5
cb.			6.1	68.4
1/4			6.4	68.1
C			6.1	68.4
1/4			6.6	67.9
cb.			6.0	68.5
E			5.2	69.3
27 ft S. of N. line of h				
E			6.8	67.7
cb.			7.0	67.5
1/4			6.5	68.0
C			6.4	68.1
1/4			6.1	68.4

8/30/01

	71.49	
W	3.7	70.8
14 ft N. of 5 Line L.		
W	4.4	70.1
cb.	4.6	69.9
1/4	4.5	70.0
C	4.5	70.0
1/4	4.4	70.1
cb.	4.6	69.9
E.	5.2	69.3
So. Line L.		
E	4.1	70.4
cb.	3.7	70.8
1/4	3.6	70.9
C	3.5	71.0
1/4	3.6	70.9
cb.	3.4	71.1
W	3.2	71.3

	71.49	
cb.	6.2	68.3
W	6.2	68.3
Cr. L.	5.4	
W	4.7	69.8
cb	5.4	69.1
1/4	6.3	68.2
C	6.4	68.1
1/4	6.5	68.0
cb	6.6	67.9
E	7.1	67.4
27 ft. N of 5 Line L.		
E	6.7	67.8
cb.	6.3	68.2
1/4	6.0	68.5
C	5.8	68.7
1/4	5.0	69.5
cb.	4.2	70.3

8/30/04

74.49

25 ft. S of L.

W	3.4	71.1
Cb.	3.5	71.0
1/4	3.6	70.9
C	3.7	70.8
1/4	3.6	70.9
Cb.	3.6	70.9
E	4.1	70.4

50 ft S. of L.

E	4.2	70.3
Cb.	4.3	70.2
1/4	4.3	70.2
C	4.2	70.3
1/4	4.0	70.5
Cb	3.9	70.6
W	3.7	70.8

74.49

75 ft. S. of L.

W.	4.5	70.0
Cb.	4.6	69.9
1/4	4.6	69.9
C	4.6	69.9
1/4	4.5	70.0
Cb.	4.8	69.7
E.	4.9	69.6

100 ft S. of L.

E	5.1	69.4
Cb.	4.8	69.7
1/4	4.9	69.6
C	5.3	69.2
1/4	5.2	69.3
Cb.	5.1	69.4
W.	5.0	69.5

74.49

125 ft. S. of L.

W	5.6	68.9
cb.	5.2	69.3
1/4	5.4	69.1
C	5.8	68.7
1/4	6.1	68.4
cb.	6.1	68.4
E	5.9	68.6

150 ft. S. of L.

E	6.8	67.7
cb.	6.8	67.7
1/4	6.7	67.8
C	6.6	67.9
1/4	6.4	68.1
cb.	6.3	68.2
W.	6.2	68.3

74.49

175 ft. S. of L.

W	6.8	67.7
cb.	6.9	67.6
1/4	6.5	68.0
C	6.3	68.2
1/4	6.9	67.6
cb.	7.4	67.1
E	7.5	67.0

200 ft. S. of L.

E	8.2	66.3
cb.	8.3	66.2
1/4	8.4	66.1
C	8.6	65.9
1/4	8.4	66.1
cb.	8.2	66.3
W.	8.1	66.4

81/30/04 44

74.19

225 ft S. of L.

W	8.6	65.9
Cb.	8.5	66.0
1/4	8.3	66.2
C	8.6	65.9
1/4	8.5	66.0
Cb.	8.6	65.9
E	8.8	65.7

235 ft S. of L.

E	8.0	66.5
Cb.	8.6	65.9
1/4	8.9	65.6
C	8.7	65.8
1/4	8.2	66.3
Cb	8.3	66.2
W	8.7	65.8

74.19

250 ft. S. of L.

W	9.2	65.3
Cb.	9.2	65.3
1/4	8.9	65.6
C	9.0	65.5
1/4	9.1	65.4
Cb.	9.3	65.2
E.	9.4	65.1

275 ft S. of L.

E	10.1	64.4
Cb.	10.1	64.4
1/4	10.0	64.5
C	9.9	64.6
1/4	9.8	64.7
Cb.	9.8	64.7
W.	9.6	64.9

7449

N. Line of M.

W	10.5	64.0
cb.	10.8	63.7
1/4	10.2	64.3
C	9.8	64.7
1/4	9.9	64.6
cb.	10.4	64.1
E	10.6	63.9

14 ft. S. of N. Line of M

E	11.2	63.3
cb.	11.0	63.5
1/4	11.1	63.4
C	11.1	63.4
1/4	10.9	63.6
cb.	10.6	63.9
W	10.4	64.1

7449

T.P.	2.17	65.78	10.88	63.61

27 ft. S. of N. Line. M.

W	2.3	63.5
cb.	2.4	63.4
1/4	2.4	63.4
C	2.7	63.1
1/4	2.7	63.1
cb.	2.7	63.1
E	2.8	63.0

Cr. N.G.

E	2.5	63.3
cb.	2.4	63.4
1/4	2.3	63.5
C	2.2	63.6
1/4	2.2	63.6
cb.	2.2	63.6
W	2.2	63.6

65.78

27 ft N of S. Line M6

W	3.0	62.8
cb.	2.8	63.0
1/4	2.7	63.1
C	2.7	63.1
1/4	3.1	62.7
cb.	3.1	62.7
E	2.9	62.9

14 ft N. of S Line M6.

E	3.9	61.9
cb.	4.0	61.8
1/4	4.0	61.8
C	3.8	62.0
1/4	4.0	61.8
cb	3.7	62.1
W.	3.6	62.2

65.78

So. Line M6.

W	3.9	61.9
cb.	4.0	61.8
1/4	4.2	61.6
C	4.2	61.6
1/4	4.4	61.4
cb.	4.4	61.4
E	4.3	61.5

20 ft S of M6.

E	4.2	61.6
cb.	4.7	61.1
1/4	4.8	61.0
C	4.7	61.1
1/4	4.5	61.3
cb.	4.1	61.7
W	4.3	61.5

65.78

50 ft S. of M.

W	4.2	61.6
cb	4.5	61.3
1/4	4.4	61.4
C	4.6	61.2
1/4	4.8	61.0
cb.	4.7	61.1
E	4.4	61.4

75 ft S. of M.

E	4.2	61.6
cb.	4.7	61.1
1/4	4.4	61.4
C	3.9	61.9
1/4	4.4	61.4
cb	4.5	61.3
W	4.1	61.7

65.78

100 ft S. of M.

W	4.5	61.3
cb.	4.7	61.1
1/4	4.8	61.0
C	4.4	61.4
1/4	4.5	61.3
cb.	4.3	61.5
E	4.2	61.6

125 ft S. of M.

E	4.5	61.3
cb.	4.6	61.2
1/4	4.7	61.1
C	4.9	60.9
1/4	4.9	60.9
cb	5.0	60.8
W	5.1	60.7

6578

150 ft S. of MC.

W	5.3	60.5
cb	5.3	60.5
1/4	5.0	60.8
C	5.0	60.8
1/4	4.9	60.9
cb	4.8	61.0
E	4.4	61.4

175 ft S. of MC.

E	5.0	60.8
cb	5.2	60.6
1/4	5.5	60.3
C	5.6	60.2
1/4	5.7	60.1
cb	5.6	60.2
W	5.7	60.1

6578

200 ft S. of MC.

W	6.1	59.7
cb	6.3	59.5
1/4	6.4	59.4
C	7.1	58.7
1/4	7.7	58.1
cb	7.4	58.4
E	7.8	58.0

225 ft S. of MC.

E	8.4	57.4
cb	8.5	57.3
1/4	8.9	56.9
C	9.0	56.8
1/4	8.8	57.0
cb	8.7	57.1
W	8.7	57.1

8/30/09

65.78

250 ft S of M.

W	9.2	56.6
cb	9.1	56.7
1/4	9.0	56.8
C	9.4	56.4
1/4	9.1	56.7
cb	9.2	56.6
E	9.3	56.5

260 ft S of M.

E	9.2	56.6
cb	9.4	56.4
1/4	9.7	56.1
C	10.1	55.7
1/4	9.4	56.4
cb	9.2	56.6
W	9.2	56.6

65.78

275 ft S of M.

W	9.9	55.9
cb.	9.8	56.0
1/4	9.5	56.3
C	9.4	56.4
1/4	9.3	56.5
cb.	9.0	56.8
E	8.4	57.4

290 ft S. of M.

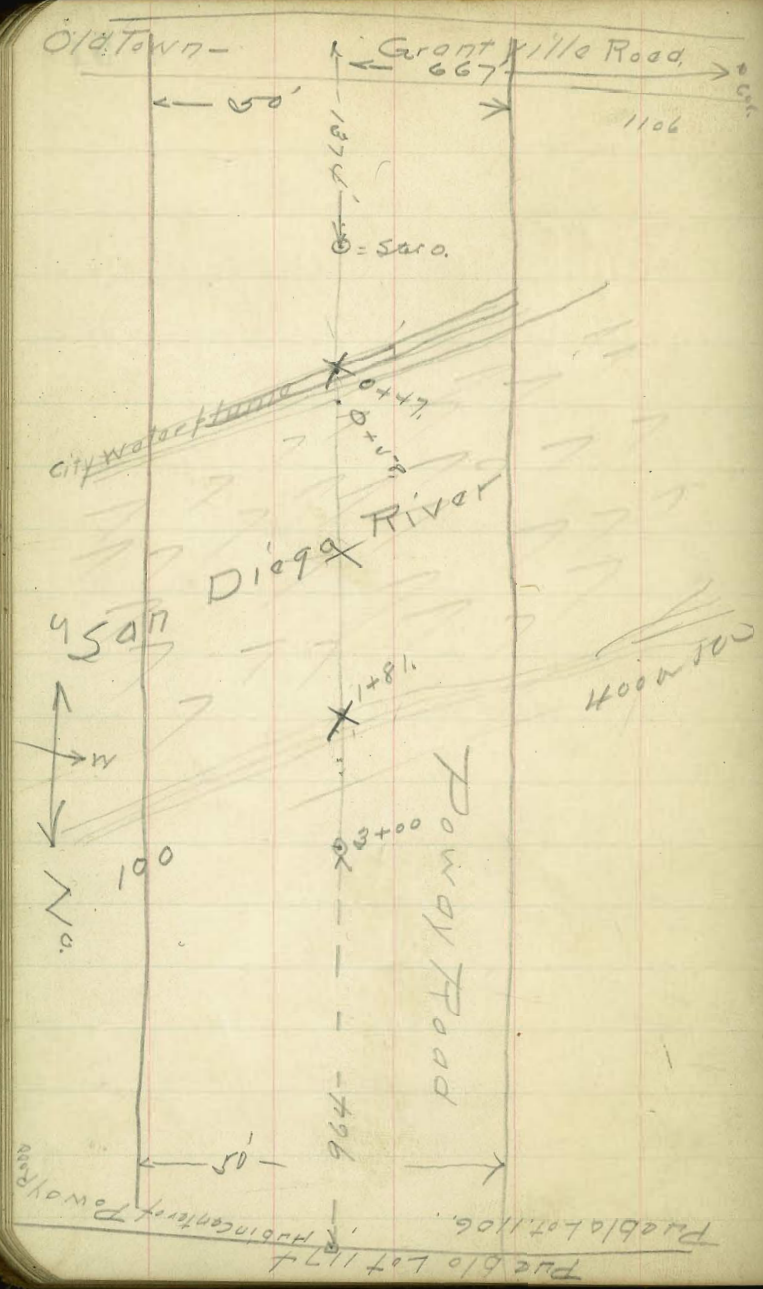
E	7.6	58.2
cb.	7.7	58.1
1/4	8.2	57.6
C	9.0	56.8
1/4	9.3	56.5
cb	8.5	57.3
W	8.9	56.9

5/30/04

65.78

No. line of N. St.

W		8.0	57.8
cb		8.2	57.6
1/4		9.0	56.8
C		8.9	56.9
1/4		8.6	57.2
cb		8.1	57.7
E.		8.2	57.6
Established ~~B.M.~~	Spike in Tel. Pole. 26 & N.	5.92	59.86



6

R.L. 1105.

Notes—

Food to be from 0 to 0+50 Excavated and graveled.

From 0+50 to 2+50. to be Excavated 2.5' deep and filled in with 2' of rock, concrete + bituman and to be finished 4" to 6" below surface of sand.

from 2+50 to 3+00 to be Excavated and graveled.

Sand in river bottom 10' to 12' deep.

Assumed Elevation accross the San Diego River on the Poway Road

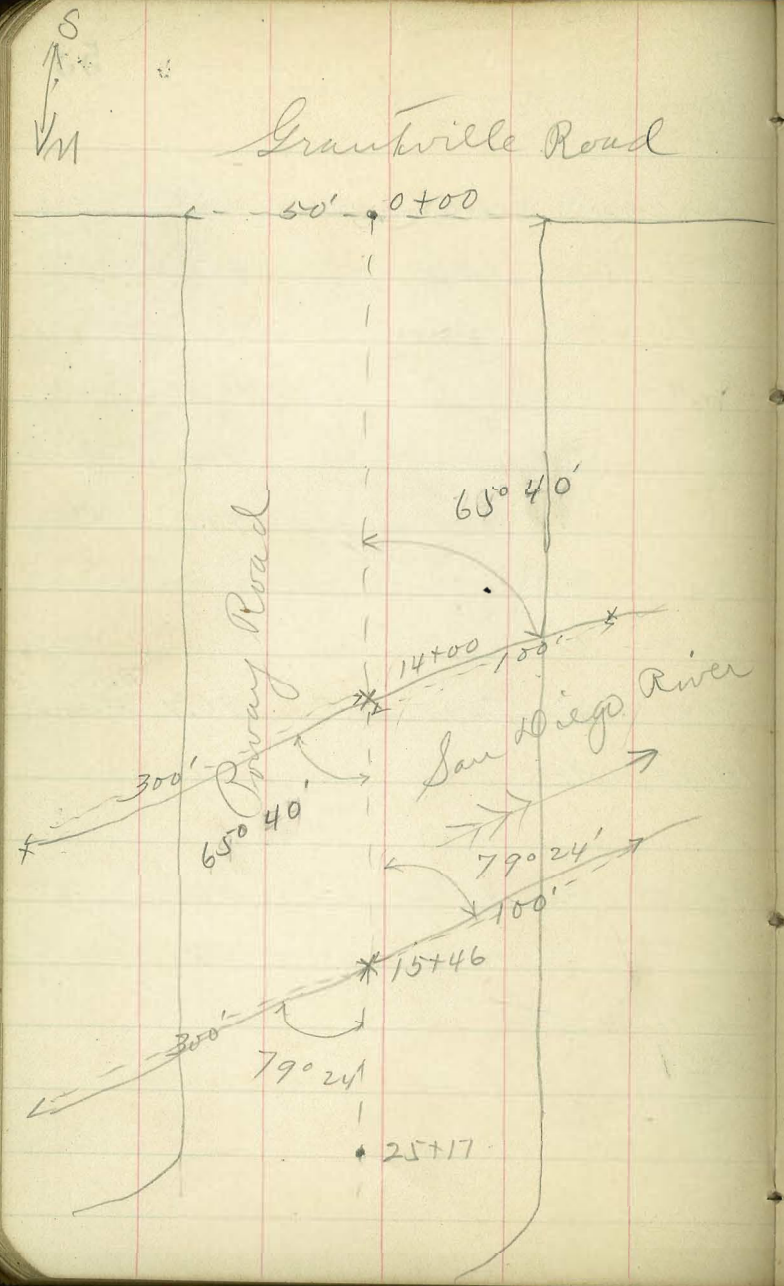
B.M.	3.24	103.24		100.00
0. So of San Diego River			4.4	98.8
+25.			4.3	98.9
+32.			5.1	98.1
+40			6.6	96.6
+50			6.7	96.5
+58. Bottom of River.			8.4	94.8
+75			8.7	94.5
1			8.0	95.2
+25			8.4	94.8
+50			8.2	95.0
+75			8.3	94.9
+81 Bottom of River			8.6	94.6
+85			6.5	96.7
2			6.2	97.0
+05.			7.8	95.4
+15			7.2	95.0

6/25/05 Hutchison
Evans
Sawyer.

Sub. X, Y

Assumed elevation, 2 small nails in M.W. Cor of White House

2+25.	103.24	7.6	95.6	
+50		7.1	96.1	
+75		6.8	96.4	
3		6.5	96.7	
+50		6.1	97.1	
North of River.				
0+47 Center of Flume		6.5	96.7	Bottom of Fume
High Water		6.0	97.2	
Bottom of flume 50' East.		6.2	97.0	
" " " " 100' West.		6.7	96.5	



B.M. Sp. in Tel. Pole South bank of river assumed elev. 100'
Checked with B.M. in cor. of white bldg. across road 2 nails

Chi
Haslam
Moore

May 28, 1906

		H.I.		
BM	4.48	102.61	5.56	98.13
0+00			4.5	98.1
+50			4.6	98.0
1+00			4.5	98.1
+50			4.3	98.3
2+00			4.6	98.0
+50			4.4	98.2
3+00			4.4	98.2
+50			4.3	98.3
4+00			4.3	98.3
+50			4.7	97.9
5+00			5.1	97.5
+50			5.5	97.1
6+00			4.8	97.8
+50			4.4	98.2
7+00			4.9	97.7
+50			5.3	97.3
High water mark			1.4	101.2

		H.I.		
B.M.	3.69	103.69		100.0
8+00			6.0	97.7
+50			5.9	97.8
9+00			5.4	98.3
+50			5.2	98.5
10+00			4.9	98.8
+50			4.2	98.5
11+00			4.3	99.4
+50			4.2	99.5
12+00			4.3	99.4
+50			4.7	99.0
13+00			4.6	99.1
+50			4.5	99.2
+82			5.4	98.3
14+00	X Top of channel on South		7.1	96.6
+14	Bottom of channel on South		8.8	94.9
+50			8.8	94.9
+70			8.7	95.0

15+00		8.6	95.1
+02		9.1	94.6
+23		8.7	95.0
+28		8.6	95.1
+33	Bottom of channel on north	8.9	94.8
+46	Top of channel on north	5.6	98.1
+50		5.7	98.0
16+00		6.8	96.9
+50		6.6	97.1
17+00		6.4	97.3
+50		6.3	97.4
18+00		6.7	97.0
+50		6.5	97.2
19+00		6.2	97.5
+50		6.4	97.3
20+00		5.9	97.8
+50		5.5	98.2
21+00		5.3	98.4
+50		5.3	98.4
22+00		5.6	98.1
+50		5.6	98.1
23+00		5.6	98.1
+50		4.6	99.1
24+00		4.8	98.9
+50		4.6	99.1
25+00		4.5	99.2
+17		3.7	100.0

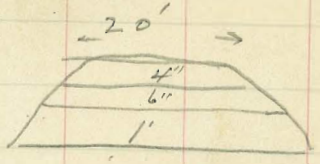
May 28, 1906

Old Town Bridge

assumed Elev. Riverbed 25'

		H.I.		
	11.10	36.10		25'
J.P.	8.63	41.51	3.22	32.88
Elev. Top of floor			0.93	40.58

Chiles
Haslam
Moore



75

300 | 15.50 | 5.1666 | 78.75
1500 | 63.25
500 | 300 | 15.500 | 1.833
300 | 2500
200 | 2400
180 | 1000
900
1000
900

.05166
42
10333
20655
2.16883

.05166
8
.41333 = 8'
2 | 5.1666
2.5833 = 50

.01833
8
.14666 = 8'

.01833
42
3666
7333
.76996 = 42'

1 | 1.833
.4583 = 15'

63.25
4133
63.6633
2.5833
66.2466
68.8299
2.5833
71.4133
73.9966
2.5833
76.5799
2.1688
78.7687

67.82
32
68.14
10.37
T.P. 57.77
248
$ 60.25
849
T.P. 51.76
377
$ 55.53
1.77
53.76
767
$ 61.43

66.39
8.86
$ 75.25
43
T.P. 74.82
1.58
$ 76.40

63.25
1466
63.3966 = 8
4583
63.8549
64.3133
4583
64.7716

64.3133 + 50
65.2299 + 50
9166
66.1466 + 50
67.0633 + 50
9166
67.9799

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

TRAVERSE TABLE FOR TRANSIT BOOK.

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

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.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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