1079

1079

1079

FIELD BOOK

385

A — Cement 24" Pipe 20' North of road – runs East along road to point just above dam

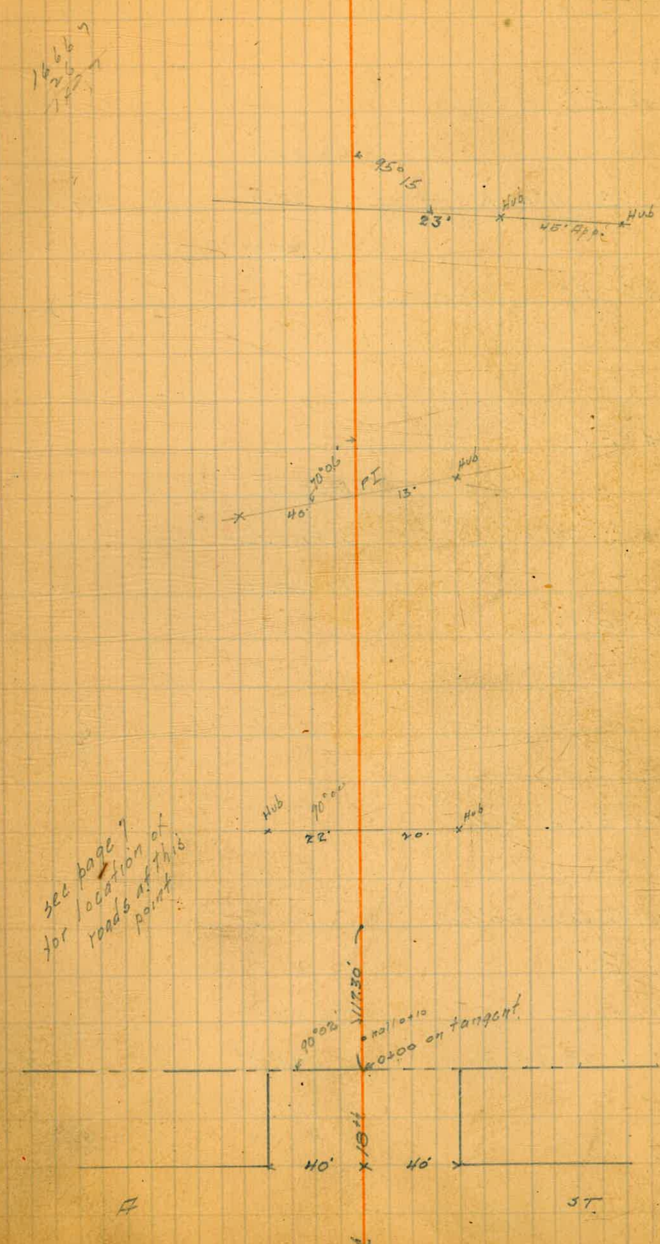
B — 12" Corr Pipe starts 5' N of Road 2 C.Bs

C — 12" Corr Pipe at path across canyon

11/15/20 Gregory
Miller
Shaw
Dorval.

Survey of Pershing Drive
Thru Balboa Park.

12+55.68	E.C.			
		R= 500		
12+10	Δ 10°30' L	st= 45.95		693.77
		lc= 91.63		
11+64.05	PC.			
5+99.49	E.C.			
		R= 230'		
(5+22.98)	Δ 39°48' L	st= 83.26		
		lc 159.77		
4+39.72	PC			475.35
2+14.30	P.T.			
		R= 170'		
1+17.30	Δ 88°52' R	st= 166.67	Δ = 72° 7' 31" To park line	
		lc= 263.67		
-0+49.37	P.C.			166.67



see last page for change

26+97.84 E.C. 26+96.66

R=500

26+50.0 Δ 11°00' R. 10°33'38" st=~~48.15~~ 46.95 58.44
changed to 13°20' R. lc=~~95.99~~ 93.61

26+01.85 = PC. 26+03.05

540.62

22+14.44 E.C.

R=230

21+22.40 Δ 49°06' L st=105.06

lc=197.10

20+17.34 PC

440.96

17+97.5 = End of Bridge

17+54.70 = End of Bridge

17+54.61 E.C.

R=630

16+82.09 Δ 13°15' R st=73.17

lc=145.69

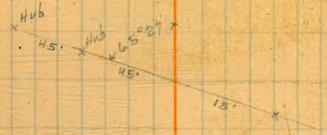
E=4.23

16+08.92 P.C.

472.36

6 39 >D

00677
630
2 01 60
4 32
4.23 60



52+33.45 ⊙ P.O.T.

970.82

48+28.29 = E.C.
~~46+93.86~~ = 46+94.29 Equation
~~46+95.46~~ E.C.

~~45+75.40~~
~~45+77.0~~ △ 76°13' R.
45+89.59

R = 185.0
st = 145.10 238.70 L of Curve
Ex = ~~48.39~~

~~44+14.52~~
~~44+16.12~~ PC
44+49.0

see last page for change from here

38+99.40± ⊙ P.O.T.

1299.61

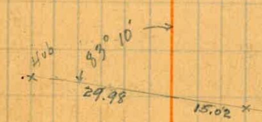
~~34+57.34~~ E.C. 34+33.51

32+93.96 13°43' 38"
~~32+79.30~~ △ 13°40' L

R = 1500.00
st = 179.75 176.13
lc = 357.79 350.67

~~30+99.55~~ PC 31+02.84

629.61



76 + 61.50 E.C. ✓

75 + 71.4 △ 14°50' R.

R = 700
st = 91.12 ✓
lc = 181.22 ✓

74 + 80.28 P.C. ✓

1336.35

64 + 76.29 E.C. ✓

62 + 41.4 △ 22°44' L

R = 1200
st = 241.24 ✓
lc = 476.13 ✓

60 + 00.16 P.C. ✓

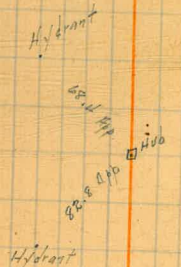
741.50

56 + 28.75 E.C. ✓

55 + 05.4 28°54' L.

R = 500
st = 128.85 ✓
lc = 252.20 ✓

53 + 76.55 ✓ P.C.



94+19.66	Δ 55°50' R.	R = 780 st = 413.28√ lc = 760.09√	
90+06.38√	P.C.C.		533.21
88+87	Δ 9°29½' R.	R = 1444.59 st = 119.93√ lc = 239.31√	
87+67.07√	P.C.		412.32
86+51.35	E.C.√		
85+07.80	Δ 53°34' L	R = 350 st = 176.67√ lc = 327.2√	
83+31.13√	P.C.		237.62

see last page for change

79+50 = ℄ of Road to Arizona.

48°39' to 28

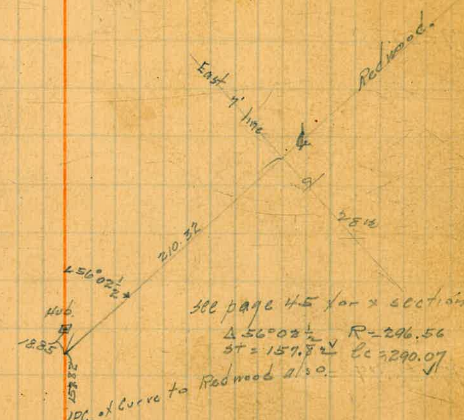
This the center of curve ↙ 30' ×Hub 40' ×Hub on radius line

×Hub 32 37 App ×Hub on radius line

×Hub 30' 37' App ×Hub 19°

Defl. from 88 3°20' to 89

	6°40'	" 90	9' E	19' W
	8°44½'	" 91	10' E	18' W
Transit 2Δ	11°40'	" 92	11' E	20' W
from 88	16°29½	" 93	11' E	18' W
00 " "	19°01	" 94	12' E	17' W
Transit " "	22°23½	" 95	12' E	17' W
00 at 92	15°01'	" 96	13' E	15' W
Transit - 00 " 94	18°34½	" 97	14' E	14' W
00 " 95	12°40'	" 99.1733		

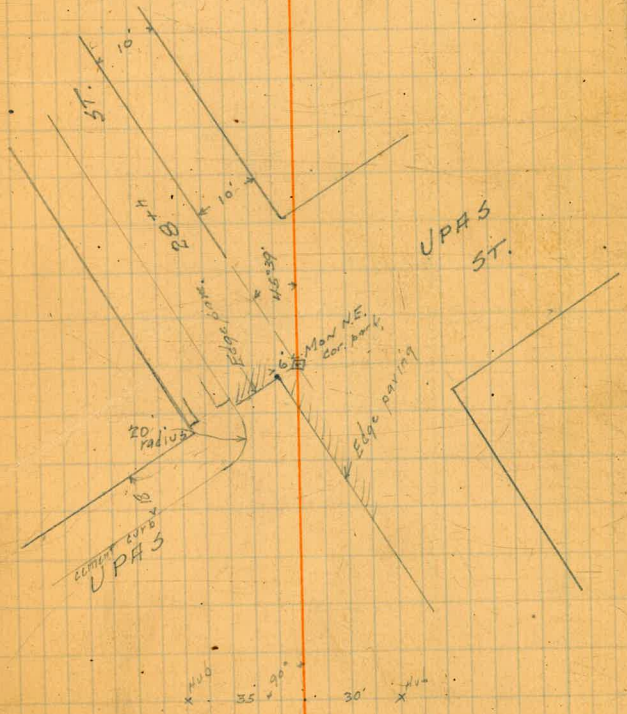


see page 45 for x sections

Δ 56°02½' R = 296.56
st = 157.82√ lc = 290.07√

97+20.80

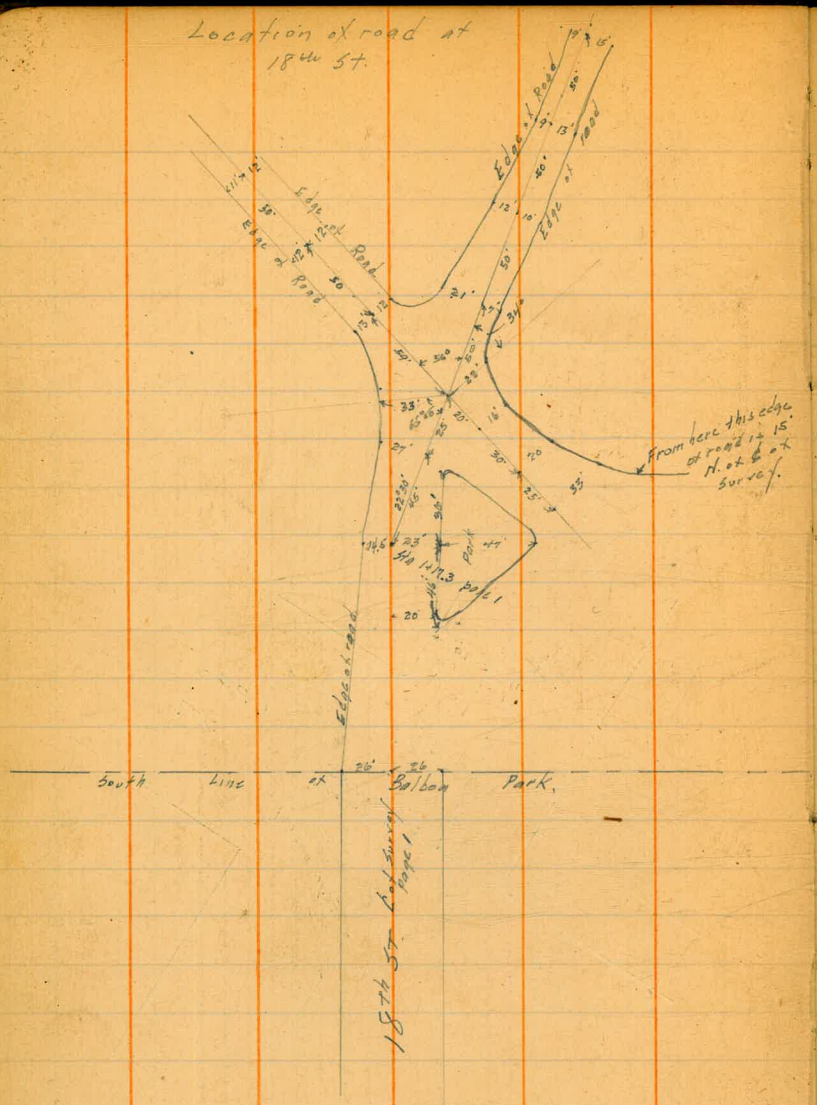
97+66.49 = E.C.



19+96

1

Location of road at 18th St.



11/15/20 Gregory / Miller / Shaw / Dorval — Levels on E Pershing Drive

on B.M.	5.47	69.02 ✓		63.55	B.P. SW. cor 17th + Brady
	12.98	81.26 ✓	0.74	68.28 ✓	
	9.36	90.62 ✓	0.00	81.26	
- 0+49.37 = P.C.			1.9	88.7	
T.P.	8.82	99.35 ✓	0.09	90.53 ✓	N. End CB E side 18th St. P.R.
0+00			8.6	90.8	
+50			7.1	92.3	
1+00			6.4	93.0	
1+50			5.9	93.5	
2			5.8	93.6	
+1430 E.C.			5.8	93.6	
+50			5.7	93.7	
3			5.2	94.2	
+50			4.2	95.2	
4			3.2	96.2	
+50			2.9	96.5	
5			3.3	96.1	
B.M.	2.48	97.85 ✓	4.18	95.17 ✓	S. tie hub 5+22.98
+50			3.1	94.8	
6			4.3	93.6	
+45			5.2	92.7	
	5' E = Wedge road ✓		5.2	92.7	
+70			4.0	93.9	
7			3.2	94.5	
	6' E = Wedge road ✓		5.7	92.2	
+40			3.8	94.1	
(4' E = Wedge road			5.8	92.1	
+70 = Wedge road ✓			5.9	92.0	
8+00			5.9	92.0	
+50			5.9	92.0	
9			5.9	92.0	
+50			6.3	91.6	
10			7.1	90.8	
+50			8.1	89.8	
11			9.1	88.8	
+50			10.2 ✓	87.5	
T.P.	1.36	88.67 ✓	11.5 ✓	86.31 ✓	
12			2.1	86.6	
+50			3.2	85.5	
13			4.1	84.6	
+50			4.7	84.0	
14	Drain needed ✓		4.9	83.8	
+50			4.8	83.9	
15			4.8	83.9	
+50			5.0	83.7	
16			4.6	84.1	
+50			4.2	84.5	
17			3.7	85.0	
+54.7 = W. end Bridge ✓			2.8	85.9	
+97.5 = E [illegible] ✓			2.5	86.2	
18+50			2.5	86.2	
19			2.2	86.5	

T.P.	12.89	99.40 ✓	2.16	86.51 ✓	
19+50			12.3	87.1	
20			11.3	88.1	
+50			9.8	89.6	
21			7.3	92.1	
B.M.	12.77	105.80 ✓	6.37	93.03 ✓	East tie hub 21+24
+50			10.6	95.2	
22			7.2	98.6	
+50			4.1	101.7	
23			0.9	104.9	
T.P.	12.64 ✓	118.16 ✓	0.28	105.52	
+50			10.1	108.1	
24			7.0	111.2	
+50			4.0	114.2	
25			0.4	117.8	
TP	12.64	130.80 ✓	0.00	118.16	
+50			10.0	120.8	
26			6.7	124.1	
+50			3.7	127.1	
27			0.3	130.5	
T.P.	13.01	143.79 ✓	0.02	130.78 ✓	
+50			10.6	133.2	
28			7.6	136.2	
+50			4.7	139.1	
29			1.7	142.1	
T.P.	12.64	156.33 ✓	0.10	143.69 ✓	
+50					
30					
+50					
31					
TP	12.70	168.96 ✓			
+50					
32					
+50					
33					
B.M.					
T.P.	13.02	181.71 ✓			
+50					
34					
+50					
35					
+50					
T.P.	13.02	194.73 ✓			
36					
+50					
37					
+50					
TP	12.68	207.31 ✓			
38					
+50					
39					
B.M.					

11.3	145.0	
8.5	147.8	
5.3	151.0	
2.3	154.0	
0.07	156.26 ✓	
12.6	157.0	
8.9	160.1	
5.1	163.9	
2.8	166.2	
4.20	164.76 ✓	W tie hub 32+73.30
0.27	168.69 ✓	
12.5	169.2	
9.5	172.2	
6.6	175.1	
3.5	178.2	
0.6	181.1	
000	181.71 ✓	
10.8	183.9	
7.9	186.8	
4.7	190.0	
1.5	193.2	
0.10	194.63 ✓	
10.9	196.4	
8.0	199.3	
5.8	201.5	
5.78	201.53 ✓	W tie 38+00

		207.31			
39+50			3.9	203.4	
40			1.9	205.4	
+50			0.1	207.2	
T.P.	12.53	219.75 ✓	0.09	207.22 ✓	
41			10.8	209.0	
+50			9.2	210.6	
42			7.6	212.2	
+50			5.9	213.9	
43			4.4	215.4	
+50			2.7	217.1	
44			1.3	218.5	
T.P.	12.46	231.02 ✓	0.19	219.56 ✓	
+50			12.2	219.8	
45			10.8	221.2	
+50			8.6	223.4	
46			7.1	224.9	
B.M.			6.50	225.52 ✓	PI Hub 45+77
+50			5.1	226.9	
47			3.5	228.5	
+50			0.9	231.1	
T.P.	12.94	244.46 ✓	0.50	231.52 ✓	
48			11.1	233.4	
+70 = edge road.			8.0	236.5	
+85			6.2	238.3	
49			5.7	238.8	
+50			3.9	240.6	

250.58 30' hub 52+37.06

Pershing 10

50			2.1	242.4	
TP	9.63	253.34 ✓	0.75	243.71 ✓	
+50			9.8	243.5	
51			8.9	244.4	
+20			7.3	246.0	
+50			5.7	247.6	
52			3.5	249.8	
+50			2.6	250.7	
+75			2.7	250.6	
53			3.5	249.8	
+50			5.2	248.1	
54			6.3	247.0	
+50			6.5	246.8	
55			7.1	246.2 ✓	15th W +/- 55.04
B.M.	2.20	248.38 ✓	7.16	246.18	
+50			3.1	245.3	
56			5.0	243.4	
+50			7.8	240.6	
57			10.2	238.2	
+50			12.1	236.3	
58			13.4	235.0	
+50			13.8	234.6	
59			13.1	235.3	
+50			12.0	236.4	
60			10.9	237.5	
+50			9.4	239.0	

		248.38			
61			7.7	240.7	
+50			6.6	241.8	
62			5.3	243.1	
B.M.	11.10	256.45 ✓	3.03	245.35 ✓	PI hub 62+40
+50			12.3	244.2	
63			11.4	245.1	
+50			10.8	245.7	
64			10.5	246.0	
+50			9.7	246.8	
65			8.8	247.7	
+50			8.0	249.5	
66			7.1	249.4	
+50			6.7	249.8	
67			6.1	250.4	
+50			5.1	251.4	
68			4.2	252.3	
+50			3.3	253.2	
69	= Eedge present rd		2.3	254.2	
+02.0			1.8	254.7	
+50			1.0	255.5	
70			0.5	256.0	
T.P.	8.88	264.76 ✓	0.57	255.88 ✓	
+50			8.4	256.4	
71			8.2	256.6	
+50			9.0	255.8	
72			9.3	255.5	
+50			7.6	257.2	
73			6.6	258.2	
+50			6.2	258.6	
74			4.9	259.9	
+50			4.8	260.0	
+75	E edge road		5.8	259.0	
75			6.0	258.8	
+50 B.M.			6.2 7.91	258.6	70: hub at 254.70
76			6.3	258.5	
+50			5.9	258.9	
77			5.0	259.8	
+50			4.3	260.5	
78			4.2	260.6	
+50			3.7	261.1	
79			3.1	261.7	
+50			2.1	262.7	
80			1.0	263.8	
T.P.	12.89	276.62 ✓	1.03	263.73 ✓	
+50			11.5	265.1	
81			9.2	267.4	
+50			6.3	270.3	
82			3.0	273.6	
+50			0.1	276.5	
T.P.	13.10	289.67 ✓	0.05	276.57	
83			10.0	279.7	
+50			6.5	283.2	

		259.67			
84			3.6	286.1	
+50			1.5	288.2	
85			0.3	289.4	
T.P.	4.20	293.71 ✓	0.16	259.51 ✓	
+50			3.7	290.0	
86			3.6	290.1	
+50			4.2	289.5	
87			4.5	289.2	
+50			4.6	289.1	
B.M.			6.27		West hub at P.C.
88			4.7	289.0	
+50			4.8	288.9	
89			4.3	289.4	
+50			3.1	290.6	
90			0.4	293.3	
T.P.	13.03	306.67 ✓	0.07	293.6 ✓	
+50			9.7	297.0	
91			5.9	300.8	
+50			2.1	304.6	
T.P.	13.02	319.47 ✓	0.22	306.45 ✓	
92			11.7	307.8	
+50			8.7	310.8	
93			5.9	313.6	
+50			3.5	316.0	
94			1.3	318.2	
T.P.	17.85	331.97 ✓	.035	319.12 ✓	
+50			11.7	320.3	

95	9.7	322.3
+50	8.3	323.7
96	7.0	325.0
+50	5.6	326.4
97	4.4	327.6
+50	3.9	328.1
98	3.6	328.4
+50	3.4	328.6
99	3.0	329.0
+20.80 = pavement.	3.03	328.94
	3.20	328.77 ✓ = 800K

11/18/20 Gregory. Center Line Levels Hortensia St.

	1.70	
W.L La Solla	=0100	1.9
0+10		3.2
0+35		9.4
0+50		11.9
T.P.	0.32	13.08
0+80		2.3
1+20		6.3
1+40		10.0
T.P.	0.21	12.63
1+60		1.6
1+80		4.2
2+00		5.8
2+25		8.0
2+55		11.1
3+06		11.3
T.P.	0.79	13.0
3+15		3.3
3+50		4.8
4+00		7.9
4+50		10.5
5+00		13.8
5+50		14.4
5+65		12.9
6		13.1
T.P.	1.17	12.74

N/B Korten

6+52.3 = ℄ Hancock	2.9
7	4.7
+50	5.7
+80	7.3
8+09 = edge paving	7.2

11/23/20 Gregory Levels on Dirt Curb 33rd St from Thorn North

	7.74	322.49	314.75
	NL Thorn (west ox 33rd) = zero		
Wcb		7.5	315.0
Ecb		6.7	315.8
	0+50		
Ecb		6.5	316.0
Wcb		6.9	315.6
	1+00		
Wcb		5.9	316.6
Ecb		5.9	316.6
	1+20 = S end cement cb on West		
W		5.98	316.51
	1+60 = N end cement cb on West		
E cb		4.9	317.6
W		5.64	316.85
	2+00		
W cb		4.9	317.6
E cb		4.5	318.0
	2+50		
E cb		4.3	318.2
W cb		4.8	317.7
	3+00		
W cb		4.7	317.8
E cb		4.2	318.3

	3+50		
E cb		3.9	318.6
W cb		4.6	317.9
	4+00		
W cb		4.3	318.2
E cb		4.0	318.5
	Straight grade from here north		
	P.C. ox curves S. ox Upas		
E. cb		3.6	318.9
W cb		3.7	318.8
	C.C ox curves		
SW cb		3.7	318.8
SE cb		3.8	318.7
	E.C ox Curves		
SW cb		2.7	319.8
SE		4.0	318.5

11/23/no Gregory / Miller / Shaw

Levels on dirt curb
Thorn St
Felton to 33rd St

	774	322.49	314.75
		N.L. Felton	
Ncb		2.6	319.9
Scb		2.9	319.6
	25'		
Scb		2.8	319.7
Ncb		2.6	319.9
	50'		
Ncb		2.6	319.9
Scb		3.0	319.5
	75'		
Scb		3.1	319.1
Ncb		2.5	320.0
	100'		
Ncb		3.1	319.4
Scb		3.8	318.7
	125'		
Scb		4.4	318.1
Ncb		3.5	319.0
	150'		
Ncb		4.0	318.5
Scb		4.7	317.8
	175'		
Scb		5.6	316.9
Ncb		4.7	317.8

200'		
Ncb	5.5	317.0
Scb	6.3	316.2
225' W		
Scb	6.9	315.6
Ncb	5.9	316.6
250' W = E.L. 33rd		
Ncb	6.4	316.1
Scb	7.5	315.0
N. cb. from 33rd West.		
N.L. 33rd	7.7	314.8
25' W	8.1	314.4
50'	8.7	313.8
100' W	10.0	312.5
125' W	10.5	312.0
150' W	11.3	311.2
200' W	13.2	309.3
T.P. 446 312.69	1293	309.56
215' W	3.6	308.4
E.L. Bancroft	4.9	307.1
W.L.	6.7	305.8
50' W	7.6	304.4
100' W	8.4	303.6
150' W	8.8	303.2
168' W = Catch Basin	8.9	303.1
Top of C.B.	9.52	302.20
200' W	8.6	303.4
E.L. 32nd St.	7.8	304.2

11/23/20 Gregory Miller Shaw

Curb Levels on BANCROFT ST
Xrom. Thorn ST N.

312.02
N.L. Thorn

Wcb		6.0	306.0
E ✓		5.2	306.8
	50' N.		
E cb		5.2	306.8
W ✓		5.3	306.7
	100' N		
W cb		4.6	307.4
E ✓		4.5	307.5
	150' N		
E cb		3.3	308.7
W ✓		3.3	308.7
	200' N		
W cb		1.6	310.4
E ✓		2.1	309.8
	250' N		
E cb		0.5	311.5
T.P.	12.80	3.14	311.66
Wcb		3.	317.7
	300' N		
Wcb		9.9	314.6
E ✓		10.7	313.8
	350' N		
E cb		8.5	316.0
W ✓		8.0	316.5

400' N

Wcb		6.2	318.3
E ✓		6.5	318.0
	450' N		
E cb		4.8	319.7
W ✓		4.7	319.8
	500' N		
Wcb		3.5	321.0
E cb		3.3	321.2
	550 N		
E cb	on curve	1.8	322.7
Wcb	✓ ✓	2.2	322.3

S.C.L. Upas

E.C. of curve on S.E.		1.8	322.7
✓ ✓ ✓	- S.W.	0.9	323.6

11/23/20 Gregory Miller & Shaw

Levels on Curb & Sidewalk on S Side of Ivy St E. of Fern

	0.39	284.40	284.01	N.W. Fern & Ivy
		E.L. Fern		
on c.b.		3.38	281.02	
N.S. of sidewalk		3.32	281.08	
S. Side " "		3.24	281.16	
		25' E		
on c.b.		4.16	280.24	
N. Edge walk		4.09	280.31	
S " "		4.12	280.28	
		50' E		
on c.b.		4.86	279.54	
N edge walk		4.90	279.50	
S " "		4.74	279.66	
		75' E		
on c.b.		5.72	278.68	
N. edge walk		5.76	278.64	
S " "		5.62	278.78	
		90' E		
on c.b.		6.32	278.08	
N. edge walk		6.36	278.04	
S " "		6.22	278.18	
		99' E		
on c.b.		6.65	277.75	
N. edge walk		6.78	277.62	
S " "		6.57	277.83	

99.3 E		
N edge walk	6.72	277.68
S " "	6.57	277.83
128' E		
c.b.	6.22	278.18
N edge walk	6.43	277.97
S " "	6.37	278.03
135' E		
c.b.	6.39	278.11
N. Edge walk	6.30	278.10
S " "	6.26	278.14
145' E		
c.b.	6.16	278.24
N edge walk	6.10	278.30
S " "	6.07	278.33
175' E		
c.b.	5.81	278.59
N. edge walk	5.75	278.65
S " "	5.64	278.76
200' E		
c.b.	5.54	278.86
N. edge walk	5.48	278.92
S " "	5.36	279.04
250' E		
c.b.	5.14	279.26
N. edge walk	5.05	279.35
S " "	5.02	279.38

11/29/20 Gregory / Miller / Shaw / Dorval

CROSS SECTION OF 30' Road Thru Balboa Park Called Pershing Drive

8.67 99.20 ✓ 90.53 N. End Curb 18th & Park

- 0+49.37 = P.C.

15' R	11.0	88.2
10' R	10.9	88.3
C	10.5	88.7
10' L	10.5	88.7
15' L	10.7	88.5
0+00 ✓		
15' L	7.6	91.4
10' L	7.8	91.4
C	8.2	90.8
10' R	9.0	90.2
15'	9.1	90.1
0+50 ✓		
15' R.	8.1	91.1
10'	7.6	91.6
C	6.9	92.3
10' L	6.2	93.0
15	6.2	93.0
1+00 ✓		
15' L	5.8	93.4
10	5.7	93.5
C	6.1	93.1
10' R	6.8	92.4
15' R	7.2	91.8

Pershing 18

1+50 ✓

15' R	6.7	92.5
10'	6.3	92.9
C	5.7	93.5
10' L	5.1	94.1
15' L	5.0	94.2
2+00 ✓		
15' L	6.0	93.2
10' L	5.8	93.4
C	5.7	93.5
10' R	6.2	93.0
15' R	6.5	92.7
2+50 ✓		
15' R.	6.2	93.0
10' R	6.0	93.2
C	5.6	93.6
10' L	5.8	93.4
15' L	6.0	93.2
3+00 ✓		
15' L	5.2	94.0
10' L	5.2	94.0
C	5.0	94.2
10' R.	5.4	93.8
15' R.	5.6	93.6

99.20

3+50				
15' R			4.4	94.8
10' R			4.3	94.9
C			4.1	95.1
10' L			4.2	95.0
15' L			4.4	94.8
4+00				
15' L			2.2	97.0
13' L			3.5	95.7
10' L			3.4	95.8
C			3.1	96.1
10' R			3.4	95.8
13' R			3.5	95.7
15' R			2.8	96.4
T.P.	4.36	100.79	2.77	96.43
4+50				
15' R			4.4	96.4
12' R			4.0	96.8
11' R			4.5	96.3
10' R			4.5	96.3
C			4.4	96.4
10' L			4.9	95.9
13' L			5.0	95.8
15' L			4.1	96.7

5+00				
15' L			3.3	97.5
10' L			5.2	95.6
C			4.9	95.9
10' R			4.6	96.2
15' R			4.7	96.1
5+50				
15' R			5.4	95.4
10' R			5.4	95.4
C			6.0	94.8
7' L			6.2	94.6
8' L			5.1	95.7
10' L			4.9	95.9
15' L			3.8	97.0
6+00				
15' L			4.0	96.8
10' L			5.4	95.4
C			7.3	93.5
10' R			6.9	93.9
15' R			6.6	94.2
6+50				
15' R			7.8	93.0
10' R			8.0	92.8
C			8.1	92.7
10' L			6.7	94.1
15' L			6.0	94.8

100.79

7+00

15'L	3.8	97.0
10'L	4.4	96.4
C	6.4	94.4
6'R	7.8	93.0
6.1'R	8.6	92.2
10'R	8.4	92.4
15'R	8.2	92.6

7+50

15'R	8.2	92.6
10'R	8.4	92.4
2'R	8.7	92.1
C	7.6	93.2
10'L	4.5	96.3
15'L	3.6	97.2

8+00

15'L	5.5	95.3
10'L	7.3	93.5
8'L	8.1	92.7
4'L	8.2	92.6
1'L	8.9	91.9
C	8.9	91.9
10'R	8.6	92.2
15'R	8.5	92.3

Pershing

8+50

15'R	8.8	92.0
10'R	8.7	92.1
C	8.7	92.1
10'L	9.1	91.7
11'L	8.3	92.5
15'L	7.4	93.4

9+00

15'L	8.7	92.1
10'L	8.7	92.1
C	8.8	92.0
10'R	8.9	91.9
11'R	8.9	91.9
15'R	12.2	88.6
T.P. 239	8.8	91.91
25'R	13.2	81.1
35'R	19.5	74.8
42'R	22.6	71.7
50'R	23.9	70.4

9+50

45'R	22.9	71.4
37'R	21.4	72.9
25'R	14.6	79.7
15'R	6.8	87.5
10'R	7.8	91.5
C	7.7	91.6
10'L		

94.30

10'L		2.6	91.7
15'L		2.7	91.6
	10+00 ✓		
15'L		2.4	91.9
13'L		3.7	90.6
10'L		3.6	90.7
C		3.5	90.8
10'R		3.3	91.0
15'R		3.3	91.0
	10+50 ✓		
15'R		4.5	89.8
10'R		4.3	90.0
C		4.5	89.8
10'L		4.7	89.6
11'L		3.6	90.7
15'L		2.7	91.6
	11+00 ✓		
15'L		2.5	91.8
10'L		4.3	90.0
8'L		5.7	88.6
C		5.4	88.9
10'R		5.3	89.0
15'R		5.3	89.0
	11+50 ✓		
15'R		6.3	88.0
10'R		6.4	87.9

94.30 Pershing 71

C		6.7	87.6
6'L		7.0	87.3
7'L		5.7	88.6
10'L		5.2	89.1
15'L		4.2	90.1
	12+00 ✓		
15'L		1.9	92.4
10'L		5.6	88.7
7'L		6.5	87.8
6'L		7.8	86.5
C		7.8	86.5
10'R		7.5	86.8
15'R		7.4	86.9
	12+50 ✓		
15'R		8.7	85.6
10'R		8.7	85.6
C		8.8	85.5
6'L		9.1	85.2
10'L		7.7	86.6
15L		5.7	88.6
	13+00 ✓		
15'L		9.3	85.0
10'L		9.6	84.7
C		9.7	84.6
10'R		9.6	84.7
15'R		9.6	84.7

13+50 put in 12" pipe + basin.

T.P.	4.4	88.72	10.32	83.98
35' R			11.4	77.3
31' R			10.3	78.4
26' R			7.9	80.8
21' R			4.5	84.2
15'			4.5	84.2
10'			4.6	84.1
C			4.6	84.1
10' L			5.0	83.7
15' L			5.2	83.5
20' L			5.2	83.5
		14+00		
15' L			1.5	87.2
10' L			4.8	83.9
C			5.0	83.7
10' R			4.8	83.9
15' R			4.9	83.8
		14+50		
15' R			4.9	83.8
10' R			4.8	83.9
C			4.8	83.9
7' L			5.0	83.7
10' L			3.9	84.8
15' L			2.4	86.3

15+00

15' L	1.4	87.3
10' L	3.9	84.8
7' L	5.0	83.7
C	4.8	83.9
10' R	4.7	84.0
15' R	4.7	84.0
	15+50	
15' R	4.9	83.8
10' R	4.9	83.8
C	5.0	83.7
7' L	5.1	83.6
8' L	4.6	84.1
10' L	4.4	84.3
15' L	1.8	86.9
	16+00	
15' L	3.7	83.0
13' L	5.0	83.7
10' L	5.0	83.7
C	4.7	84.0
10' R	4.8	83.9
15' R	4.9	83.8
	16+50	
15' R	4.9	83.8
10' R	4.6	84.1
C	4.3	84.4

		88.72		
10'L			4.2	84.5
15'L			4.4	84.3
		17+00 ✓		
15'L			3.6	85.1
10'L			3.6	85.1
C			3.7	85.0
10'R			4.1	84.6
15'R			4.4	84.3
		17+54.7 ✓ = End of Bridge		
15'R			3.3	85.4
10'R			3.2	85.5
C			2.9	85.8
10'L			2.7	86.0
15'L			2.8	85.9
		17+97.5 ✓ = E. End Bridge		
15'L			2.8	85.9
10'L			2.7	86.0
C			2.6	86.1
10'R			2.6	86.1
15'R			2.6	86.1
T.P.	11.71	97.88 ✓	2.55	86.17 ✓
		18+50 ✓		
15'R			11.9	86.0
10'R			11.6	86.3
C			11.6	86.3
10'L			12.0	85.9
13'L			12.3	85.6
15'L			13.6	84.3
20'L			14.6	83.3
		19+00 ✓		
20'L			13.7	84.2
15'L			13.1	84.8
10'L			12.0	85.9
C			11.4	86.5
10'R			11.3	86.6
15'R			11.4	86.5
		19+50 ✓		
15'R			10.8	87.1
10'R			10.6	87.3
C			10.7	87.2
10'L			11.2	86.7
12'L			11.4	86.5
15'L			12.4	85.5
20'L			12.5	85.4
		20+00 ✓		
20'L			12.0	85.9
15'L			10.8	87.1
12'L			10.0	87.9
10'L			10.0	87.9
C			9.7	88.2
10'R			9.5	88.4
15'R			9.7	88.2

97.88

20+50

15'R	8.1	89.8
10'R	8.0	89.9
C	8.2	89.7
10'L	8.5	89.1
15'L	8.8	89.1

21+00

15'L	6.8	91.1
10'L	6.2	91.5
C	5.8	92.1
10'R	5.6	92.3
15'R	5.7	92.2

21+50

15'R	2.2	95.7
10'R	2.2	95.7
C	2.7	95.2
10'L	3.1	94.8
14'L	3.6	94.3
15'L	4.2	93.7
16'L	4.7	93.2
20'L	5.7	92.2

22+00

20'L	2.8	95.1
19'L	2.5	95.4
15'L	0.9	97.0
14'L	0.1	97.8

TP 11.88 109.71 0.05 97.83

10'L	11.6	98.1
C	11.2	98.5
10'R	10.6	99.1
15'R	10.5	99.2

22+50

15'R	7.3	102.4
10'R	7.5	102.2
C	8.0	101.7
10'L	8.8	100.9
12'L	8.9	100.8
13'L	11.0	98.7
20'L	13.2	96.5
25'L	14.4	95.3

23+00

30'L	14.1	95.6
23'L	12.8	96.9
15'L	7.7	102.0
11'L	5.2	104.5
10'L	5.0	104.7
C	4.8	104.9
10'R	4.7	105.0
15'R	4.7	105.0

23+50

15'R	1.8	107.9
10'R	1.7	108.0

		109.71		
C			1.6	108.3
10'L			1.5	108.2
15'L			1.5	108.2
T.P.	13.04	121.83 ✓	0.92	108.79 ✓
		24+00 ✓		
15'L			10.2	111.6
10'L			10.3	111.5
C			10.7	111.1
10'R			11.0	1108
12'R			10.6	111.2
15'R.			8.6	113.2
		24+50 ✓		
15'R			6.9	114.9
10'R			7.1	114.7
C			7.6	114.2
10'L			7.2	114.6
15'L			6.9	114.9
		25+00 ✓		
15'L			3.5	118.3
10'L			3.8	118.0
C			4.1	117.7
7'R			3.0	118.8
10'R			+1.3	123.1
15'R			+3.0	124.8

		25+50 ✓		
15'R			+6.3	128.1
10'R			+5.0	126.8
3'R			0.9	120.9
C			0.9	120.9
10'L			0.5	121.3
15'L			0.3	121.5
T.P.	12.87	134.45 ✓	0.25	121.58 ✓
		26+00 ✓		
15'L			9.8	124.7
10'L			10.0	124.5
C			10.3	124.2
4'R			10.3	124.2
7'R			8.3	126.2
10'R			7.4	127.1
15'R			3.7	130.8
		26+50 ✓		
15'R			2.0	132.5
10'R			4.5	130.0
5'R			5.3	129.2
2'R			7.2	127.3
C			7.2	127.3
10'R ? L			6.8	127.7
15'R ? L			6.6	127.9

		134.45		
		27+00 ✓		
15'L			33	131.2
10'L			36	130.9
C			39	130.6
T.P.	13.17	147.62 ✓	0.00	134.45
10'R			12.0	135.6
15'R			9.1	138.5
		27+50 ✓		
15'R			6.0	141.6
13'R			13.5	134.1
10'R			13.8	133.8
C			14.3	133.3
10'L			13.8	133.8
15'L			13.6	134.1
		28+00 ✓		
15'L			10.5	137.1
10'L			10.9	136.7
C			11.2	136.2
10'R			11.1	136.5
15'R			10.2	137.2
		28+50 ✓		
15'R			6.6	141.0
10'R			7.6	140.0
6'R			8.8	138.8
C			8.4	139.2
10'L			7.9	139.7
15'L			7.7	139.9
		29+00 ✓		
15'L			5.0	142.6
10'L			5.2	142.4
C			5.1	142.3
10'R			5.7	141.9
15'R			5.0	142.6
		29+50 ✓		
15'R			3.2	144.2
10'R			2.9	144.7
C			2.5	145.1
10'L			2.1	145.5
15'L			1.9	145.7
	130.7	160.42 ✓	0.27	147.35 ✓
		30+00 ✓		
15'L			11.9	148.5
10'L			12.0	148.4
C			12.1	148.0
10'R			12.7	147.7
15'R			13.1	147.3
		30+50 ✓		
15'R			10.1	150.3
10'R			9.7	150.7
C			9.3	151.1
10'L			9.1	151.3
15'L			9.2	151.2

edge of hill ✓

edge of hill ✓

edge of hill ✓

		160.42		
		31+00 ✓		
15'L			6.0	154.4
10'L			6.0	154.4
C			6.2	154.2
10'R			6.8	153.6
15'R			6.3	154.1
		31+50 ✓		
15'R			2.6	157.8
10'R			3.6	156.8
C			3.2	157.2
10'L			3.1	157.3
15'L			3.0	157.4
		32+00 ✓		
15'L			0.0	160.4
10'L			0.0	160.4
C			0.2	160.2
10'R			0.1	160.3
T.P.	12.22	172.57 ✓	0.07	160.35 ✓
13'R			11.8	160.8
15'R			10.4 ✓	162.2
		32+50 ✓		
15'R			7.0	165.6
10'R			9.0	163.6
10'R			9.2	163.4
C			9.3	163.3
10'L			9.4	163.4
15'L			9.1	163.5
		33+00 ✓		
15'L			6.2	166.4
10'L			6.2	166.4
C			6.3	166.3
10'R			6.4	166.2
15'R			5.8	166.8
		33+50 ✓		
15'R			3.6	169.0
10'R			3.4	169.2
C			3.2	169.4
10'L			3.2	169.4
15'L			3.1	169.5
		34+00 ✓		
15'L			0.1	172.5
10'L			0.0	172.6
C			0.1	172.5
10'R			0.5	172.1
15'R			0.7	171.9
T.P.	12.84	185.39 ✓	0.02	172.55 ✓
		34+50 ✓		
15'R			10.6	174.8
10'R			10.4	175.0
C			10.1	175.3
10'L			10.0	175.4
15'L			9.8	175.6

		185.39		
		35+00 ✓		
15'L			6.6	178.8
10'L			6.8	178.6
C			6.9	178.5
10'R			7.5	177.9
15'R			8.0	177.4
		35+50 ✓		
15'R			5.2	180.2
10'R			4.6	180.8
C			4.0	181.4
10'L			3.6	181.8
15'L			3.3	182.1
		36+00 ✓		
15'L			0.4	185.0
10'L			0.7	184.7
C			1.1	184.3
10'R			1.7	183.7
15'R			+0.6	186.0
T.P.	12.16	197.39 ✓	0.16	185.23 ✓
		36+50 ✓		
15'R			6.1	191.3
13'R			10.9	186.5
10'R			11.0	186.4
C			10.2	187.2
10'L			9.5	187.9
15'L			9.3	188.1

		37+00 ✓		
15'L			6.4	191.0
10'L			6.6	190.8
C			7.1	190.3
10'R			7.4	190.0
15'R			6.9	190.5
		37+50 ✓		
15'R			2.9	194.5
10'R			5.0	192.4
C			3.8	193.6
10'L			3.4 ✓	194.0
15'L			3.1	194.3
		38+00 ✓		
15'L			0.6	196.8
10'L			0.7	196.7
C			0.9	196.5
10'R			1.5	195.9
15'R			1.3	196.1
		38+50 ✓		
TP	12.82	210.11 ✓	0.10	197.29
15'R			11.3	198.8
10'R			10.9	199.2
C			10.7	199.4
10'L			10.7	199.4
15'L			10.7	199.4 edge

8.50	210.11		
	39+00		
15'L		8.3	201.8
10'L		8.3	201.8
C		8.4	201.7
10'R		8.7	201.4
15'R		8.7	201.4
	39+50		
15'R		6.2	203.9
10'R		6.7	203.4
C		6.4	203.7
10'L		6.1	204.0
15'L		6.0	204.1
	40+00		
15'L		4.1	206.0
10'L		4.1	206.0
C		4.4	205.7
10'R		4.7	205.4
15'R		3.6	206.5
	40+50		
15'R		2.2	207.9
10'R		2.8	207.3
C		2.7	207.4
10'L		2.3	207.8
15'L		2.3	207.8

	41+00		
15'L		0.4	209.7
10'L		0.6	209.5
C		1.0	209.1
10'R		1.3	208.8
15'R		0.6	209.5
T.P. 1262	221.98	0.95	209.16
	41+50		
15'R		11.3	210.5
10'R		11.2	210.6
C		11.1	210.7
10'L		10.5	211.3
15'L		10.3	211.5
	42+00		
15'L		8.8	213.0
10'L		8.9	212.9
C		9.3	212.5
10'R		9.7	212.1
15'R		9.9	211.9
	42+50		
15'R		8.1	213.7
10'R		7.9	213.9
C		7.5	214.0
10'L		7.5	214.3
15'L		7.4	214.4

		211.78		
		43+00		
15' L			5.7	216.1
10' L			5.8	216.0
C			6.2	215.6
10' R			6.2	215.6
15' R			4.0	217.8
		43+50		
15' R			4.2	217.6
10' R			4.9	216.9
C			4.6	217.2
10' L			4.3	217.5
15' L			4.2	217.6
		44+00		
15' L			2.5	219.3
10' L			2.6	219.2
C			2.9	218.9
10' R			3.7	218.1
15' R			3.7	218.1
		44+50		
15' R			0.6	221.2
10' R			2.3	219.5
C			1.4	220.4
10' L			0.9	220.9
15' L			0.8	221.0
TP	11.78	233.54	0.02	211.76

233.54 Pershing 30

	45+00		
15' L		11.1	222.4
10'		11.4	222.1
C		12.2	221.3
5' R		11.5	222.0
10'		9.4	224.1
15' R		8.9	224.6
	45+50		
15' R		7.0	226.5
10'		7.1	226.4
5'		7.5	226.0
2'		10.2	223.3
C		10.2	223.3
5' L		10.0	223.5
8'		10.9	222.6
10'		10.7	222.8
15' L		10.2	223.3
	46+00		
15' L		8.8	224.7
10' L		9.2	224.3
C		7.0	226.5
10' R		6.5	227.0
15' R		6.5	227.0
	46+50		
15' R		6.8	226.7
10'		6.7	226.8

		233.54		
C			6.7	226.8
10'L			6.6	226.9
15'L			6.5	227.1
		47+00		
15'L			4.5	229.0
10'			4.6	228.9
C			5.1	228.4
10'R			5.3	228.2
15'R			5.3	228.2
		47+50		
15'R			2.1	231.4
10'R			2.6	230.9
C			2.5	231.1
10'L			2.3	231.2
15'L			2.5	231.0
T.P.	11.48	244.69	0.53	233.01
		48+00		
15'L			10.2	234.5
10'L			11.5	233.2
C			11.4	233.3
10'R			11.4	233.3
15'R			11.5	233.2
		48+50		
15'R			9.0	235.7
10'R			9.0	235.7
C			9.4	235.3
3'L			9.4	235.3

6'L		7.8	236.9
10'L		7.7	237.0
15'L		7.8	236.9
	49+00		
15'L		5.8	238.9
10'L		5.8	238.9
C		6.0	238.7
4'R		6.1	238.6
4'R		7.2	237.5
10		7.2	237.5
15'R		7.0	237.7
	49+50		
15'R		5.1	239.6
10'		5.2	239.5
8'R		4.2	240.5
C		4.1	240.6
10'L		3.9	240.8
15'L		4.0	240.7
	50+00		
15'L		2.5	242.2
10'L		2.5	242.2
C		2.5	242.2
10'R		2.5	242.2
11'R		3.1	241.6
15'R		3.1	241.6

		244.69		
		50+50		
15'R			1.1	243.6
10'R			1.0	243.7
T.P	9.56	253.26	0.97	243.72
C			9.7	243.6
10'L			10.1	243.2
15'L			10.5	242.8
		51+00		
15'L			9.1	244.2
10'L			9.0	244.3
C			8.8	244.5
10'R			8.4	244.9
15'R			8.1	245.2
		51+50		
15'R			6.3	247.0
13'			5.7	247.6
10'			5.7	247.6
C			5.7	247.6
10'L			5.8	247.5
15'L			5.8	247.5
		52+00		
15'L			3.6	249.7
10'L			3.5	249.8
C			3.5	249.8
10'R			3.5	249.8
15'R			3.4	249.9

		52+50	
15'R	2.5	250.8	
10'R	2.5	250.8	
C	2.5	250.8	
10'L	2.5	250.8	
15'L	2.5	250.8	
	53+00		
15'L	3.0	250.3	
10'L	3.3	250.0	
C	3.4	249.9	
10'R	3.5	249.8	
15'R	4.0	249.3	
	53+50		
15'R	5.7	247.6	
10'R	5.9	247.4	
C'	5.3	248.0	
C	5.1	248.2	
10'L	4.9	248.4	
15'L	4.9	248.4	
	54+00		
15'L	6.4	247.1	
10'L	6.5	246.9	
C	6.4	247.1	
10'R	5.9	247.4	
15'	5.9	247.4	

253.48

	54+50		
15'R		6.6	246.7
10'R		6.5	246.8
C		6.7	246.6
10'L		7.1	246.2
15'L		7.5	245.8
	55+00		
15'L		7.1	246.2
10'L		7.4	245.9
C		7.1	246.2
10'R		7.1	246.2
15'R		7.0	246.3
	55+50		
15'R.		8.2	245.1
10'R		8.0	245.3
C		8.1	245.2
10'L		8.3	245.0
13'L		6.3	247.0
15'L		6.2	247.1
	56+00		
15'L		9.0	244.3
14'L		9.9	243.4
10'L		10.0	243.3
9' Don't need		9.9	243.4
C		9.9	243.4
10'R		10.1	243.2
15'R		10.0	243.3

TP 1.12	241.97 ✓	12+43	240.85 ✓
	56+50		
15'R		1.9	240.1
10'R		1.6	240.4
C		1.3	240.7
10'L		1.4	240.6
15'L		1.4	240.6
	57+00		
15'L		2.5	239.5
13'		3.7	238.3
10		3.8	238.2
C		3.7	238.3
10'R		3.9	238.1
15'R		4.0	238.0
	57+50		
15'R		5.8	236.2
10'		5.8	236.2
C		5.6	236.4
10'L		5.9	236.1
15'L		4.5	237.5
	58+00		
15'L		6.7	235.3
10'		6.9	235.1
C		6.9	235.1
10'R		6.9	235.1
15'R		6.9	235.1

241.97

	58+50		
15' R		7.2	234.8
10'		7.3	234.7
C		7.4	234.6
8' L		7.5	234.5
10'		7.1	234.9
15'		7.2	234.8
	59+00		
15' L		7.1	234.9
10' L		6.9	235.1
C		6.7	235.3
10' R		6.8	235.2
15' R		6.6	235.4
	59+50		
15' R		5.0	237.0
14' R		5.7	236.3
10' R		5.7	236.3
C		5.6	236.4
10' L		6.0	236.0
13'		5.4	236.6
15' L		6.1	235.9
	60+00		
15' L		5.4	236.6
13		4.4	237.6
10		4.9	237.1
C		4.5	237.5

10' R		4.4	237.6
14'		4.5	237.5
15' R		3.7	238.3
TP	10.75	249.53 ✓	3.19 238.78 ✓
	60+50		
15' R		9.6	239.9
13'		10.8	238.7
10'		10.6	238.9
C		10.6	238.9
10' L		11.0	238.5
15' L		10.8	238.7
	61+00		
15' L		9.4	240.1
10'		9.4	240.1
C		8.9	240.6
10' R		9.0	240.5
15' R		7.5	242.0
	61+50		
15' R		6.2	243.3
10'		6.7	242.8
7'		7.6	241.9
C		7.6	241.9
10' L		7.9	241.6
15'		8.1	241.4

249.53

62+00

15'L	6.7	242.8
10'L	6.6	242.9
C	6.5	243.0
3'R	6.4	243.1
5'	5.7	243.8
10'	4.7	244.8
15'	3.8	245.7

62+50

15'R	3.4	246.1
10'	3.4	246.1
2'	5.4	244.1
C	5.4	244.1
10'L	5.4	244.1
15'L	5.5	244.0

63+00

15'L	4.5	245.0
10'L	4.5	245.0
C	4.6	244.9
1'R	4.6	244.9
2	3.7	245.8
10'	2.6	246.9
15	3.0	246.5

63+50

15'R	4.5	245.0
10'	4.0	245.5
3'	3.5	246.0
C	4.0	245.5
10'L	3.8	245.7
15'	3.8	245.7

64+00

15'L	3.4	246.1
10'	3.4	246.1
C	3.6	245.9
3'R	2.8	246.7
10'	3.1	246.4
15'	3.1	246.4

64+50

15'R	1.0	249.5
10'R	1.2	249.3
5'	1.7	247.8
3'	2.8	246.7
C	2.8	246.7
10'L	2.7	246.8
15'L	2.9	246.6

65+00

15'L	2.0	247.5
10'L	1.8	247.7
C	1.9	247.6

		249.63		
5' R			2.1	247.4
10' R			0.9	248.6
15' R			0.8	248.7
		65+50		
15' R			+0.2	249.7
10'			0.6	249.1
8'			1.3	248.2
C			1.1	248.4
10' L			1.3	248.2
15' L			1.2	248.3
TP	11.59	26089	0.23	249.30
		66+00		
15' L			11.6	249.3
10'			11.9	249.0
C			11.6	249.3
10' R			11.5	249.4
12'			10.6	250.3
15'			10.5	250.4
		66+50		
15' R			10.1	250.8
12'			10.9	250.0
10'			10.9	250.0
C			11.2	249.7
10' L			11.5	249.4
12'			10.9	250.0
15'			11.9	249.00

	67+00		
15' L		10.1	250.8
11' L		10.1	250.8
10' L		10.9	250.0
C		10.6	250.3
10' R		10.4	250.5
12'		10.4	250.5
15' R		9.0	251.9
	67+50		
15' R		8.7	252.2
10' R		9.6	251.4
C		9.7	251.2
10' L		10.0	250.9
12' L		9.5	251.1
13' L		9.1	251.8
15' L		9.0	251.9
	68+00		
15' L		9.2	251.7
10'		8.9	252.0
C		8.7	252.2
7' R		8.5	252.4
10' R		7.9	253.0
15' R		7.7	253.2
	68+50		
15' R		6.7	254.2
10		6.7	254.2

	260,89		
C		7.8	253.1
10'L		7.9	253.0
15'L		8.3	252.6
	69+00		
15'L		7.1	253.8
10'L		6.9	254.0
C		6.8	254.1
1'R		6.1	254.8
10'R		5.8	255.1
15'R		5.6	255.3
	69+50		
15'R		5.1	255.8
10'		5.3	255.6
C		5.3	255.6
10'L		6.0	254.9
15'L		6.1	254.8
	70+00		
15'L		5.6	255.3
10'L		5.7	255.2
8'		4.9	256.0
C		5.0	255.9
10'R		4.8	256.1
15'R		4.9	256.0
	70+50		
15'R		4.4	256.5
10'R		4.5	256.4

C		4.5	256.4
10'L		4.2	256.7
15'L		4.0	256.9
	71+00		
15'L		3.5	257.1
10'L		4.0	256.9
C		4.3	256.6
10'R		4.4	256.5
15'R		4.2	256.7
	71+50		
15'R		4.8	256.1
10'R		5.0	255.9
C		5.2	255.7
10'L		4.8	256.1
15'L		4.5	256.4
	72+00		
15'L		5.0	255.9
10'L		5.1	255.8
C		5.5	255.4
10'R		6.2	254.7
15'R		6.2	254.7
T.P. 769	264.68'	390	256.99
	72+50		
15'R		8.8	255.9
10'R		8.3	256.4
C		7.7	257.0

	72+68		
10' L		7.2	257.5
15' L		7.2	257.5
	73+00		
15' L		5.8	258.9
10' L		6.1	258.6
C		6.5	258.2
10' R		7.2	257.5
15' R		7.4	257.3
	73+50		
15' R		6.4	259.3
10' R		6.3	258.4
C		6.0	258.7
10' L		5.7	259.0
15' L		5.5	259.2
	74+00		
15' L		5.4	259.3
13' L		5.5	259.2
12' L		4.7	260.0
10'		4.6	260.1
C		4.8	259.9
10' R		4.8	259.9
15'		4.7	260.0
	74+50		
15' R		5.2	259.5
10'		4.9	259.8
C		4.9	259.8

2' L		4.9	259.8
3' L		5.5	259.2
10'		5.4	259.3
15'		5.4	259.3
	75+00		
15' L		6.0	258.7
10' L		5.9	258.8
C		5.9	258.8
10' R		5.6	259.1
15'		5.5	258.9
70.3	265.44	6.27	258.41
	75+50		
15' R		6.5	258.9
10'		7.1	258.3
C		6.9	258.5
10' L		7.3	258.1
15' L		7.7	257.7
	76+00		
15' L		8.6	256.8
10' L		7.2	258.2
C		7.0	258.4
10' R		7.0	258.4
15' R		7.1	258.3
	76+50		
15' R		6.5	258.9
10' R		6.5	258.9

	265.44		
C		6.6	258.8
10' L		6.9	258.5
15' L		7.7	257.7
	77+00		
15' L		5.6	259.8
11'		5.4	260.0
10'		5.9	259.5
C		5.7	259.7
10' R		5.6	259.8
15' R		5.5	259.9
	77+50		
15' R		4.8	260.6
10'		5.0	260.4
C		5.0	260.4
10' L		5.1	260.3
12'		4.6	260.9
15'		4.6	260.8
	78+00		
15' L		5.2	260.2
10'		5.2	260.2
C		4.9	260.5
10' R		4.9	260.5
15' R		4.8	260.6
	78+50		
15' R		4.8	260.6
10'		4.5	260.9

C		4.1	261.0
10' L		4.9	260.5
15' L		5.0	260.4
	79+00		
15' L		4.3	261.1
10' L		4.1	261.3
C		3.8	261.6
9' R		4.0	261.4
10' R		3.7	261.7
15' R		4.3	261.1
	79+50		
15' R		3.8	261.6
10'		2.9	262.5
C		2.8	262.6
10' L		2.9	262.5
15' L		3.2	262.2
	80+00		
15' L		1.8	263.6
10' L		1.8	263.6
C		1.7	263.7
9' R		1.9	263.5
10'		2.7	262.7
15'		3.1	262.3
20'		3.7	261.7

		263.44		
		80+50		
20' R			1.9	263.5
15' R			1.7	263.7
10'			0.5	264.9
C			0.3	265.1
10' L			0.5	264.9
15' L			0.8	264.6
TP	12.46	278.04 ✓	0.06	265.38 ✓
		81+00		
15' L			11.4	266.6
10' L			11.1	266.9
C			10.6	267.4
10' R			10.8	267.2
12			10.7	267.3
15			11.8	266.2
20			12.7	265.3
		81+50		
20' R			8.8	269.2
15'			7.9	270.1
11			7.4	270.6
10'			7.8	270.2
C			7.7	270.3
10' L			8.1	269.9
15			8.2	269.8
		82+00		
15' L			5.1	272.9
10'			4.9	273.1
C			4.4	273.6
10' R			4.5	273.5
15' R			4.2	273.8
		82+50		
15' R			1.1	276.9
13			1.6	276.4
10'			1.6	276.4
C			1.4	276.6
10' L			1.7	276.3
15'			1.9	276.1
TP	12.8	290.16 ✓	0.1 C	277.8.8 ✓
		83+00		
15' L			11.5	278.7
10' L			11.1	279.1
C			10.5	279.7
10' R			10.4	279.8
15' R			10.6	279.6
		83+50		
15' R			6.5	283.7
10'			6.6	283.6
C			6.9	283.3
10' L			7.5	282.7
15' L			7.6	282.6
		84+00		
15' L			5.1	285.1

		290.16		
10' L			4.9	285.3
C			4.3	285.9
10' R			3.5	286.7
15'			2.8 2.71	287.4 287.45 ✓
		84+50		
15' R			1.6	288.6
10'			1.6	288.6
C			2.0	288.2
10' L			2.2	287.8
15' L			2.2	287.6
		85+00		
15' L			1.2	289.0
10' L			1.2	289.0
C			0.8	289.4
10' R			0.5	289.7
15' R			0.4	289.8
		85+50		
15' R			+0.1	290.3
10'			+0.1	290.3
C			0.1	290.1
10' L			0.9	289.3
15' L			1.0	289.2
T.P.	4.04	294.11	0.09	290.07 ✓

	86+00		
15' L		4.7	289.4
10' L		4.6	289.5
C		4.0	290.1
10' R		3.6	290.5
15' R		3.5	290.6
	86+50		
15' R		4.4	289.7
10' R		4.4	289.7
C		4.5	289.6
10' L		4.9	289.2
15' L		4.7	289.4
	87+00		
15' L		5.2	288.9
10' L		5.1	289.0
C		4.8	289.3
10' R		4.8	289.3
15' R		4.9	289.2
	87+50		
15' R		4.6	289.5
10' R		5.0	289.1
C		4.8	289.3
10' L		4.9	289.2
15' L		5.0	289.1

		294.11		
		88+00		
15'L			5.0	289.1
10'			5.1	289.1
C			5.0	289.1
9'R			5.2	288.9
10'			4.5	289.6
15'R			4.5	289.6
		88+50		
15'R			4.0	290.1
10'			4.6	289.5
9'R			5.5	288.6
C			5.1	289.0
10'L			5.1	289.0
15'L			5.1	289.0
		89+00		
15'L			5.0	289.1
10'			4.9	289.2
C			4.7	289.4
10'R			5.0	289.1
13'			4.8	289.3
15'			3.6	290.5
		89+50		
15'R			3.2	290.9
14'			3.8	290.3
10			3.8	290.3
C			3.5	290.6
10'L			3.6	290.5
15'			4.0	290.1
		90+00		
15'L			1.4	292.7
10'			0.9	293.2
C			0.8	293.3
10'R			1.0	293.1
15'R			1.1	293.0
TP	13.08	307.95	0.14	293.97
		90+50		
15'R			10.4	296.6
10'			10.3	296.7
C			10.1	296.9
10'L			10.2	296.8
13'L			10.5	296.5
15'L			9.5	297.5
		91+00		
15'L			6.2	300.8
14'L			6.9	300.1
10'			6.5	300.5
C			6.3	300.7
10'R			6.4	300.6
15			6.4	300.6
		91+50		
15'R			3.1	303.9
10'			2.8	304.2

		307.05		
C			2.5	304.5
10' L			2.8	304.2
15'			3.0	304.0
T.P.	12.50	319.34 ✓	0.21	306.84 ✓
		92+00		
15' L			12.2	307.1
10'			11.9	307.4
C			11.6	307.7
10' R			11.7	307.6
15' R			12.2	307.1
		92+50		
15' R			8.9	310.4
10'			8.7	310.6
C			8.6	310.7
10' L			9.1	310.2
15' L			9.7	309.6
		93+00		
15' L			6.7	312.6
10'			6.5	312.8
C			5.9	313.4
10' R			5.9	313.4
15'			5.8	313.5
		93+50		
15' R			3.7	315.6
10'			3.5	315.8
C			3.4	315.9

10' L			3.7	315.6
15' L			3.8	315.5
		94+00		
15' L			1.8	317.5
10' L			1.3	318.0
C			1.2	318.1
10' R			1.4	317.9
15' R			1.7	317.6
T.P.	11.98	331.14 ✓	0.18	319.16 ✓
		94+50		
15' R			11.3	319.8
10'			11.1	320.0
C			10.8	320.3
10' L			11.0	320.1
15' L			11.2	319.9
		95+00		
15' L			9.3	321.8
10'			9.0	322.1
C			8.9	322.2
10' R			9.2	321.9
15' R			9.5	321.6
		95+50		
15' R			7.8	323.3
10' R			7.6	323.5
C			7.4	323.7
10' L			7.7	323.4
15'			7.4	323.7

331.14

	96+00		
15' L		6.6	324.5
10' L		6.4	324.7
C		6.1	325.0
10' R		6.3	324.8
15' R		6.5	324.6
	96+50		
15' R		5.3	325.8
10'		5.1	326.0
C		4.7	326.4
10' L		5.2	325.9
15' L		5.4	325.7
	97+00		
15' L		4.3	326.8
10' L		3.9	327.2
C		3.5	327.6
10' R		4.1	327.0
15' R		4.0	327.1
	97+50		
15' R		2.8	328.3
10' R		3.5	327.6
C		3.0	329.1
10' L		3.1	328.0
15' L		3.4	327.7

	98+00		
15' L		3.1	328.0
10'		2.6	328.5
C		2.7	328.4
10' R		3.1	328.0
12'		3.0	328.1
15'		2.1	329.0
	98+50		
15' R		2.7	328.4
10'		2.6	328.5
C		2.4	328.7
10' L		2.6	328.5
15' L		2.8	328.3
	99+00		
15' L		2.7	328.4
10'		2.5	328.6
C		2.2	328.9
10' R		2.4	328.7
15' R		2.4	328.7 on paving
B.M.		2.33	328.81
	99+20.8		
15' R		2.37	328.77 on paving
10' R		2.27	328.87 " "
C		2.20	328.94 " "
10' L		2.30	328.84 " "
15' L		2.40	328.74 " "

Section of Curve to Redwood from Pershing Drive

	6.60	294.05 ✓		287.45

see page 5 0+00 of Curve to Redwood = 83+31.13 of Meridian

15'L			13.1	280.9
10'L			12.8	281.2
C			12.2	281.8
10'R			12.1	281.9
15'R			12.3	281.7
		0+50		
15'R			8.3	285.7
10'R			8.2	285.8
C			8.2	285.8
10'L			8.9	285.1
15'L			9.2	284.8
		1+00		
15'L			4.3	289.7
10'L			4.2	289.8
C			3.7	290.3
10'R			4.0	290.0
15'R			3.8	290.2
T.P.	12.39	306.28 ✓	0.16	293.89 ✓
		1+50		
15'R			10.3	296.0
10'			10.0	296.3
5			11.1	295.2
C			10.5	295.8
10'L			10.4	295.9

306.28

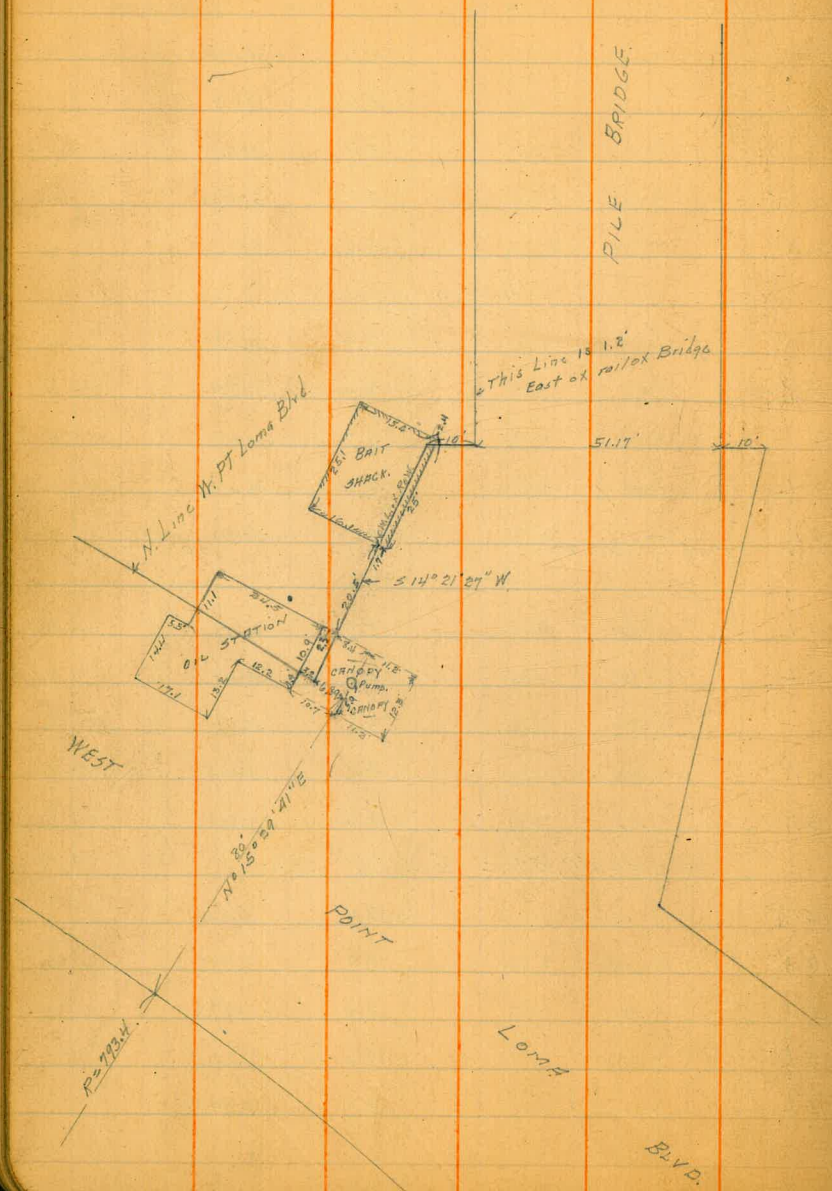
15'L			10.8	295.5
		2+00		
15'L			5.3	301.0
10'L			5.4	300.9
C			5.4	300.9
10'R			6.1	300.2
15'R			5.5	300.8
		2+50		
15'R			2.4	303.9
10'R			2.4	303.9
C			1.7	304.6
10'L			2.0	304.3
15'L			2.2	304.1 ✓
T.P.	5.75	311.90 ✓	0.16	304.1 ~
		3+00		
15'L			5.0	306.9
10'L			5.2	306.7
C			4.8	307.1
10'R			5.4	306.5
15'R			5.5	306.4

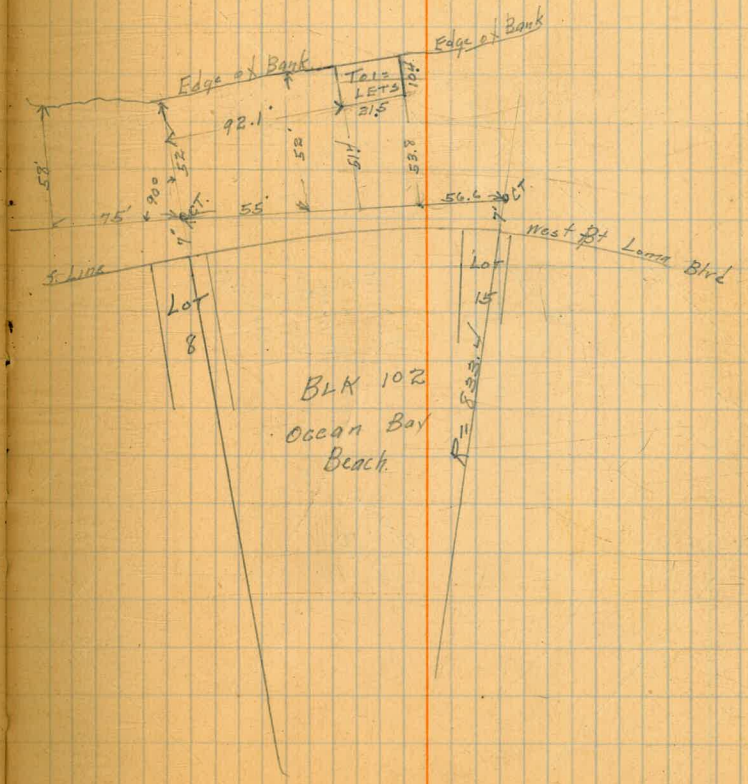
3+49.57 = E.L. 28.46 St.

15'R			3.4	308.5
10'R			3.0	308.9
C			2.6	309.3
10'L			2.6	309.3
15'L			2.9	309.0

1/7/41 Foregone Miller Shaw

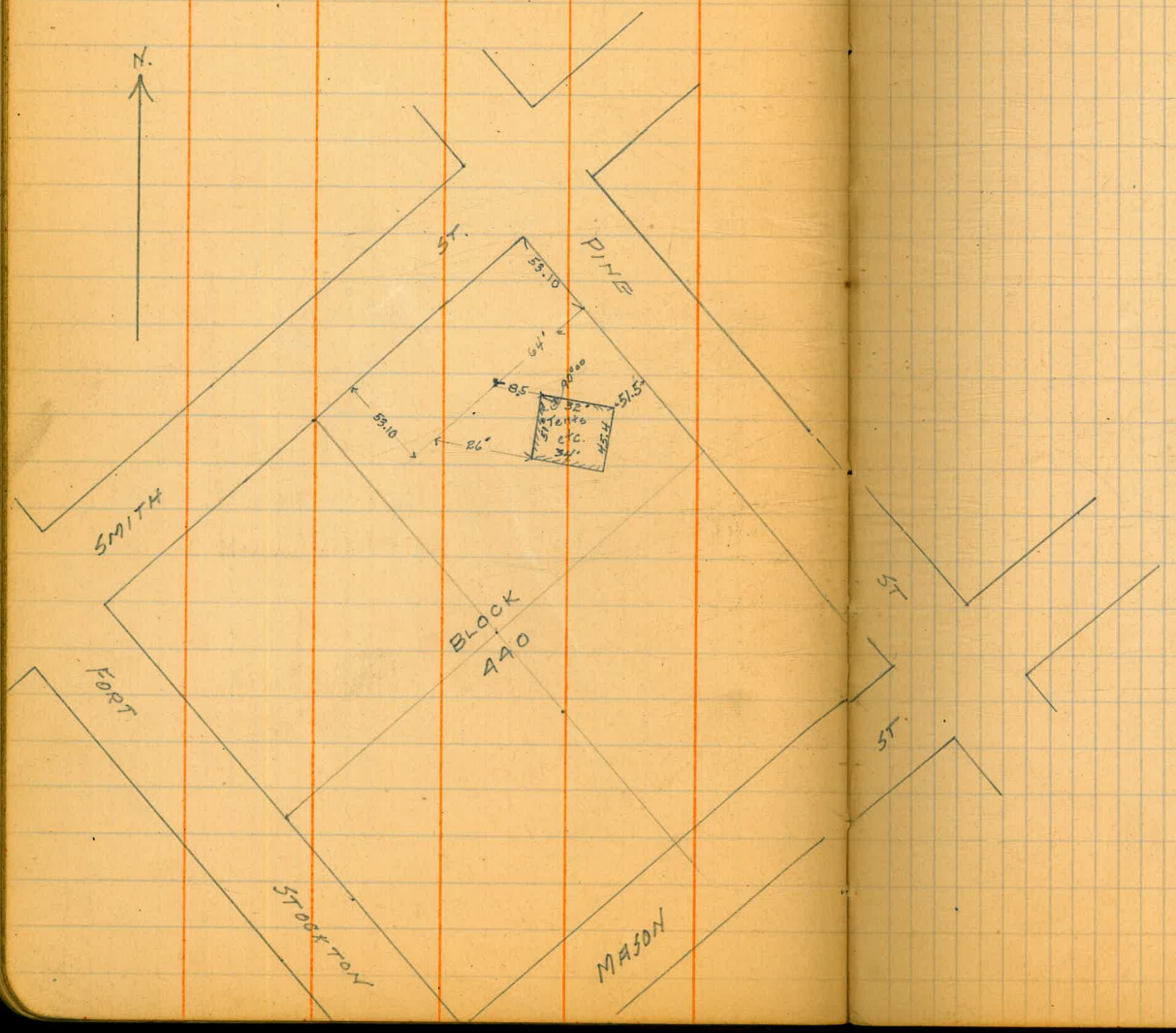
Location of Improvements on West Point Loma Blvd at Mission Bay Bridge





Gregory
Miller
Shaw

Location of Campers on
BLK 440 OLD TOWN



Gregory
Miller
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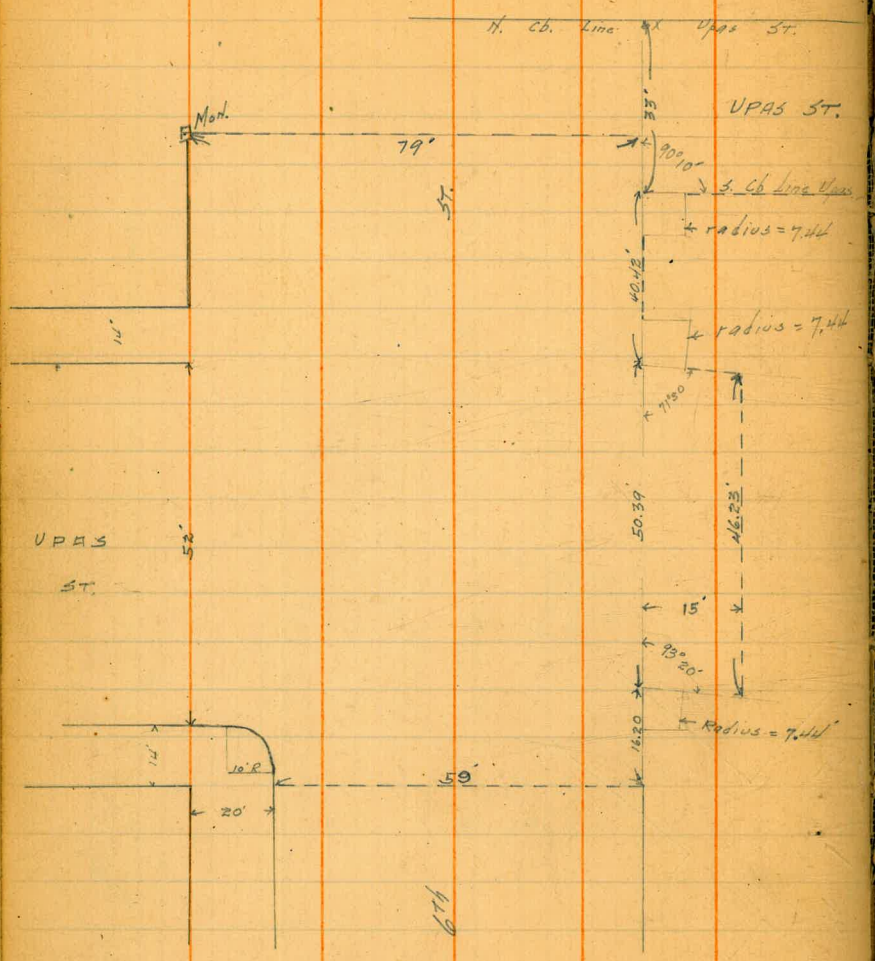
Survey of Intersection of
6th + Upas for
Paving



7/11/21

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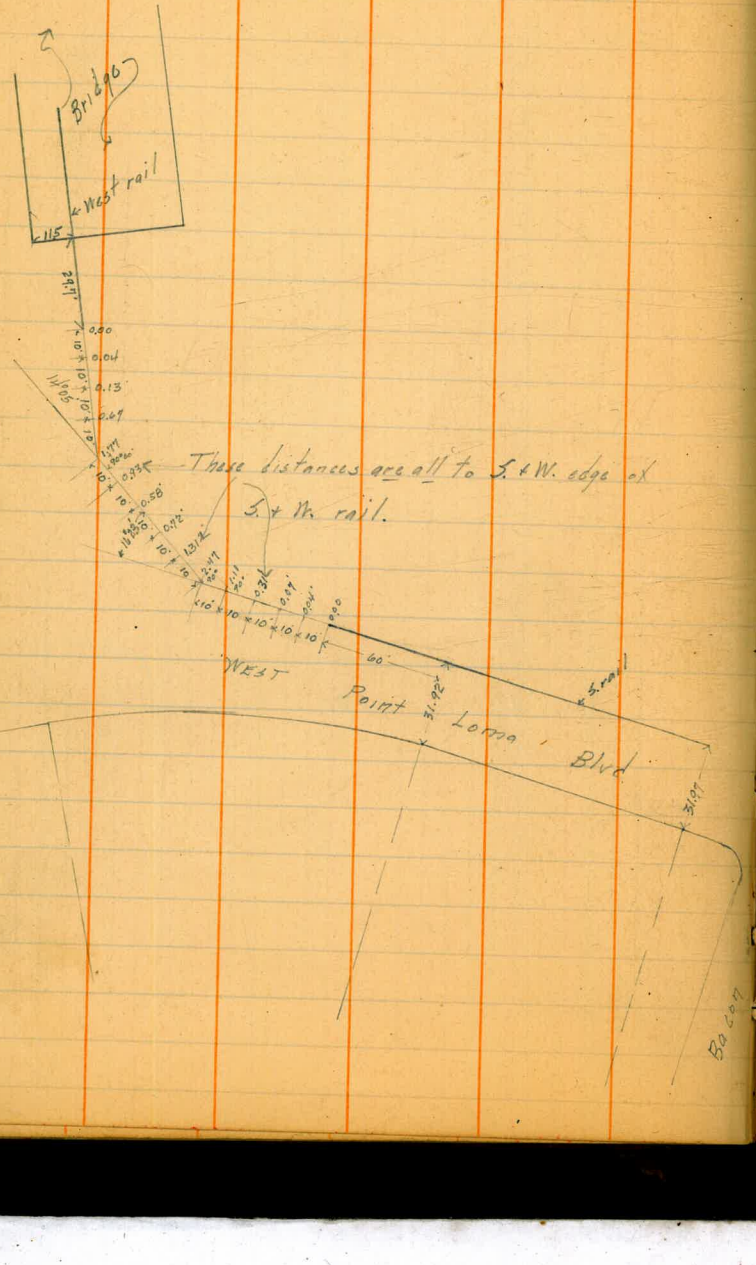
Miller
Shaw

Location of St. Car Track
on West Point Loma Blvd
at Mission Bridge



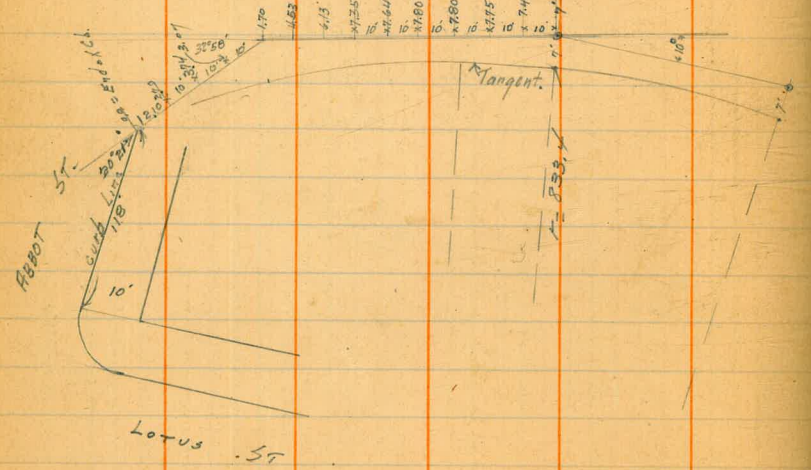
These distances are all to S. & W. edge of S. & N. rail.

2/21/21

Location of Curb at West Pt. Loma Blvd and Abbot St.

-These distances are taken to Outside of Curb.

West Pt Loma Blvd.



7/21/21 Gregory

Levels on Curb Abbott x W. Pt Loma. Blvd. from Lotus to Bacon

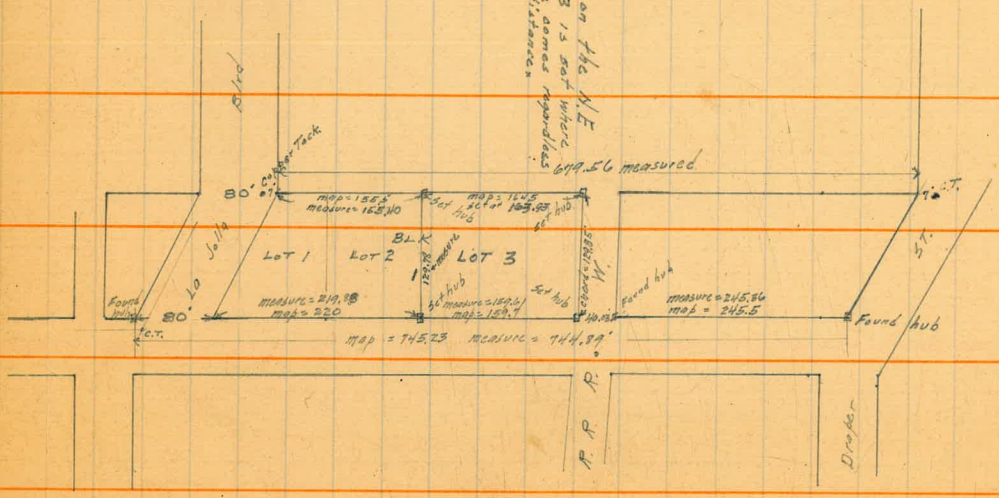
	4.26	6.12	2.47	BP SW Abbott & Vd.

These levels taken on East Cb. of Abbott x S. Curb of W. Pt L. Blvd. Distances given are all on Curb as constructed.

N.L. Lotus			4.12	2.52
118' N. = 0+00			4.53	2.19
0+50	3.71	5.70	4.73	1.99
~~1+ = P.C. on P/L.~~			~~3.84~~	
1+34.6 = P.C. on P/L. = 0+00. R=6334.0			3.93	1.77
0+50			4.13	1.57
1+00			4.44	1.26
1+53.2 = Catch Basin.			4.69	1.01
1+78.6 = P.R.C. on P/L = 0+00			4.69	1.01
0+50			3.97	1.73
1+00	5.61	8.09	3.72	2.48
1+64.9 = P.T. on P/L = 0+00			4.74	3.35
SW. cor of Bacon & W. Pt. L. Blvd.			1.58	6.51

4/9/41 Gregory Moore Miller Shaw

Survey of Lot 3 Blk 1 F.T. Scripps Add.



4/3/21 Gregory/Miller/Moore/Shaw

Levels on ℄ of Marine Ave. from the E.L. of La Jolla Blvd to ~ W.L. ~ Draper St

8 8 1010 7445

B.M.	12.73	84.55		71.82	N.E. Sea Lane + La Jolla
0-15 = E.L. of La Jolla Blvd. = edge paving.			13.3	71.3	
00 = Rt. Angles to NE cor. Marine & La Jolla Blvd.			12.5	71.3	
+20			10.5	74.1	
+50			9.5	75.1	
1			7.5	77.1	
+50			5.5	79.1	
2			3.5	81.1	
+40			2.9	81.7	
+50			3.5	81.1	
3			3.4	81.2	
T.P.	12.18	95.77	0.96	83.59	
+50			11.5	84.3	
+78			9.7	86.1	
+82			8.2	87.2	
+88			12.3	83.5	
4			11.6	84.2	
+08.0			11.4	84.4	
+13			6.9	88.9	
+50			5.3	90.5	
5			2.5	93.3	
T.P.	9.45	104.00	1.22	94.55	
+50			8.7	95.3	
6			6.9	97.1	
+35 = W.L. Draper.			5.2	98.8	

+65 3.9 100.1

3.7 2 100.28 nails SW. Marine & Draper

12/3/21 Gregory Moore Miller Shaw

Levels on Proposed Drain Laurel & Curlew

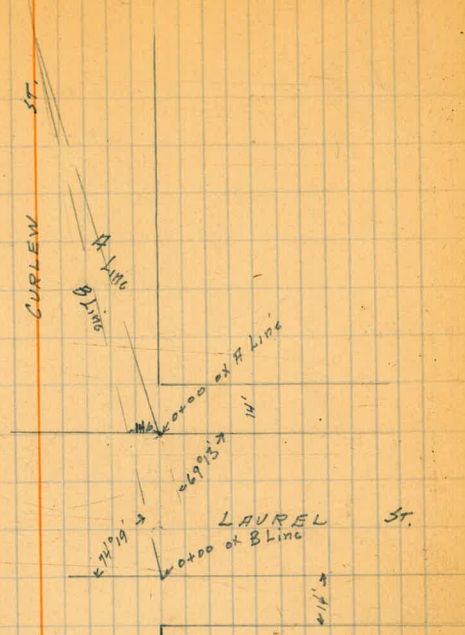
A Line (which runs under Cement Return)

	8.20	152.33	144.13	spk sw Laurel & Horton
0+00	on Curb		4.29	
0+00	in gutter		5.10	
0+17			4.1	
0+35			5.0	
0+50			4.6	
1+00			4.5	
+10			3.7	
+35			4.8	
+42			3.5	
+50			6.6	
+65			11.6	

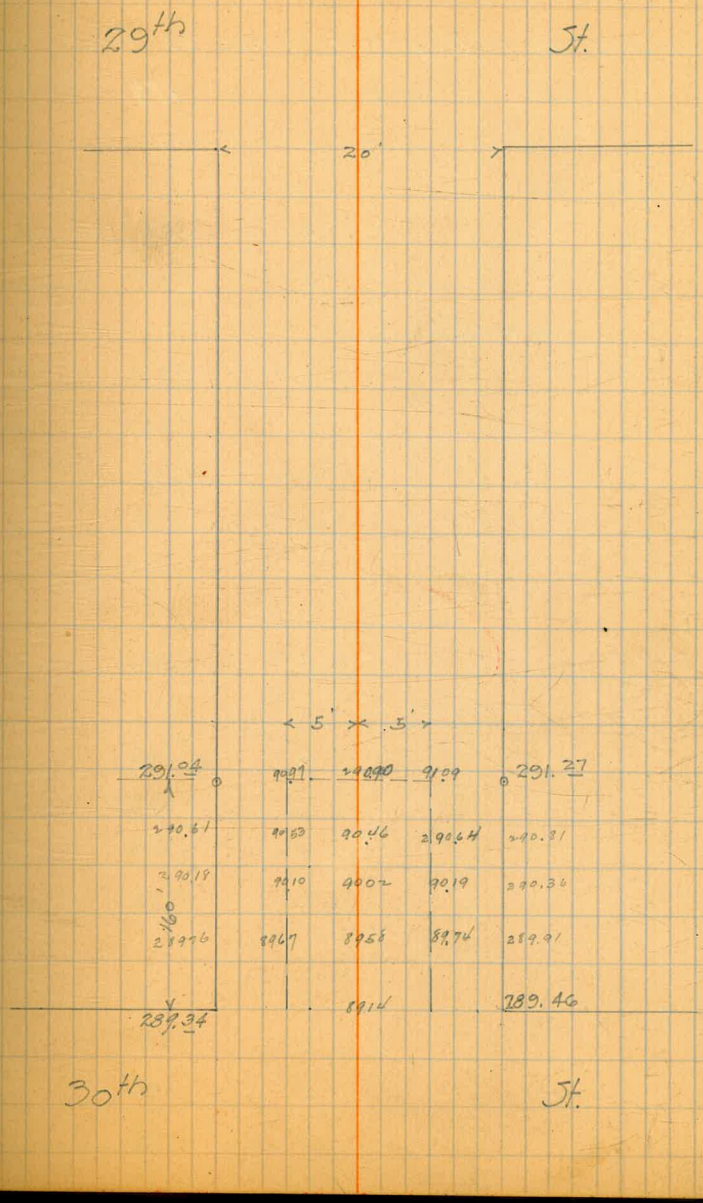
B Line

	8.20	152.33	144.13	
0+00	in gutter		6.97	45.3
0+00	on curb		6.32	46.0
0+27			4.9	47.4
0+50			3.8	48.5
0+54	= 0+146 on A Line		4.4	47.9
1+00			4.5	47.8
+50			4.5	47.8
+60			4.1	48.2
+87			5.0	47.3
+92			3.4	48.9
2			6.4	45.9
+14			11.6	40.7

+87 50
+92 34
2+ 64



Grade stakes alley in Blk 8.
Park Add.



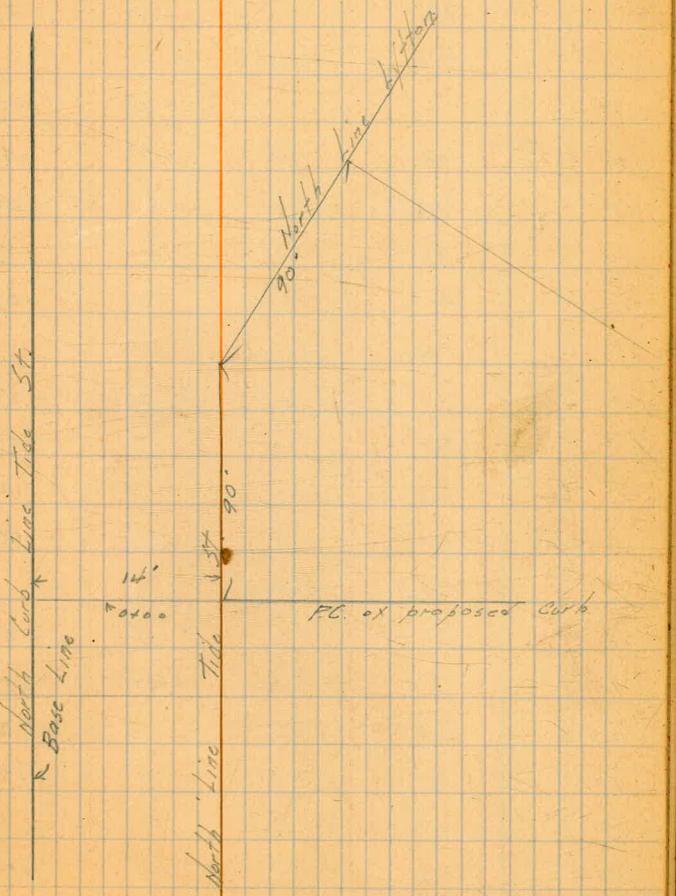
289.71
3.40
293.66

8974 9019 9064 9109
3.99 3.49 3.07 2.59
8967 9010 9053 9097
3.99 3.56 3.13 2.69

1/26/22 Bridgeport Cross Section of Doorg Miller New Layout at Short Tide + Lytton Sts

Sections are all taken at Right Angles To North curb Line of Tide St. Starting 90' E of Intersection of N. property Lines of Tide + Lytton

	1.38	3.25	1.87	BP SW Tide & Lytton
		P.C. of proposed Curb = 0+00		
N. curb Line Tide			1.9	1.4
12' N			2.4	0.9
20' "			3.7	-0.4
		0+90		
20' N.			3.8	-0.5
14' "			2.3	1.0
3' "			2.3	1.0
N. Curb			4.3	-1.0
		0+12		
N. Curb			4.4	-1.1
25' N			3.8	-0.5
		0+22		
30' N			3.9	-0.6
7 "			3.3	0.0
6' "			2.0	1.3
N. curb			2.0	1.3
		0+25		
N Curb			2.0	1.3
14' N			1.8	1.5
30' "			3.8	-0.5
30' "			3.9	-0.6



3.25

0+43

40' N		3.8	-0.5
41' ↓		4.0	-0.7
13' ↓		1.7	1.6
N. cb.		1.8	1.5
	0+54		
N. cb		1.5	1.8
13' N		1.6	1.7
21' ↓		4.8	-1.5
30' ↓		4.0	-0.7
45' ↓		4.2	-0.9
	0+60		
50' N.		6.5	-3.2
22' ↓		5.3	-2.0
14' ↓		2.0	1.3
N cb		1.5	1.8
	0+65		
N. cb		4.1	-0.8
15' N		6.2	-2.9
25' ↓		7.5	-4.2
50' -		8.0	-4.7
	0+70		
50' N		8.0	-4.7
20' ↓		8.0	-4.7
15' -		6.0	-2.7
N. cb.		5.0	-1.7

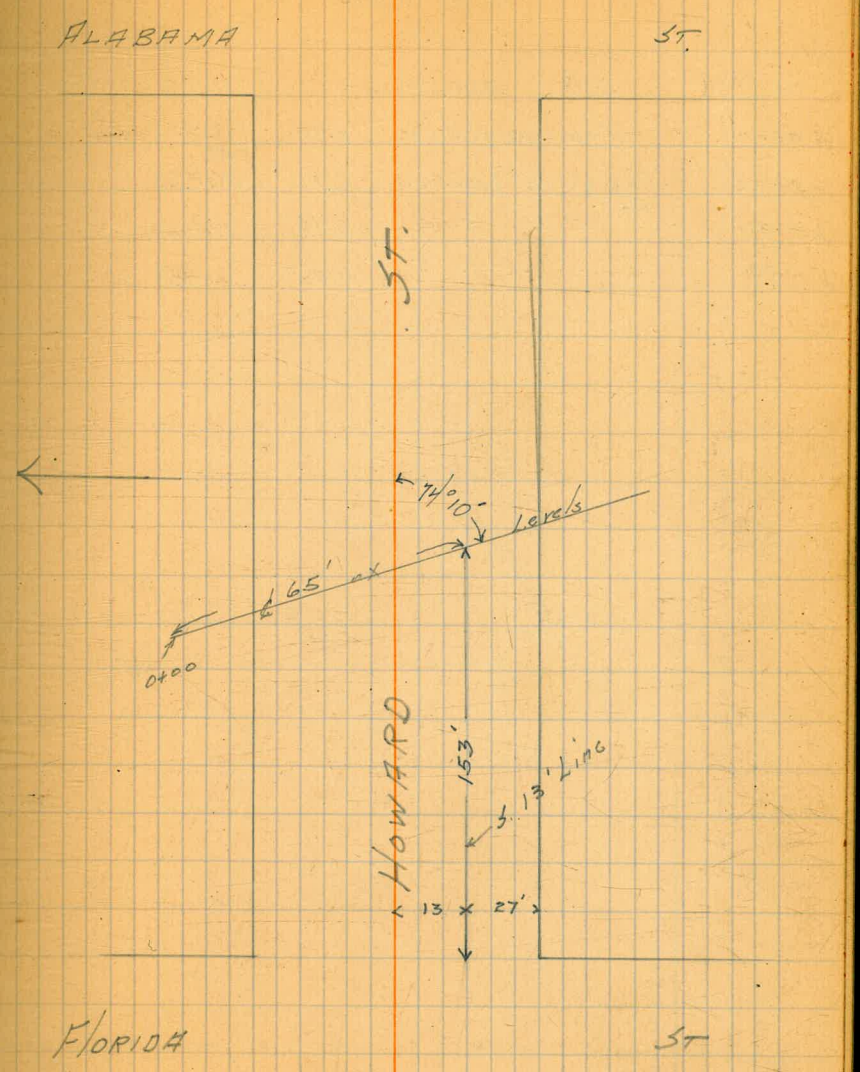
0+73

N. cb.	2.0	1.3
3' N	1.1	2.2
16' N	1.5	1.8
18' ↓	8.9	-5.6
50' -	8.0	-4.7
0+81		
60' N	5.7	-2.4
40' ↓	5.7	-2.4
25' ↓	7.2	-3.9
15' ↓	2.0	1.3
4' ↓	1.2	2.1
0+87		
5' N	1.5	1.8
15' ↓	1.5	1.8
35' ↓	4.5	-1.2
50' -	5.6	-2.3
70' ↓	5.9	-2.6
1+00		
80' N	5.8	-2.5
44' ↓	4.9	-1.6
27' N	1.2	2.1
15' ↓	1.1	2.2
1+05		
45' N	1.2	2.1
35' ↓	1.2	2.1

		3.25		
43' N			2.7	0.6
50' ~			5.3	-2.0
80' ~			5.6	-2.3
		1+31		
90' N			5.8	-2.5
80' ~			5.1	-1.8
67' ~			0.8	2.5
55' ~			1.0	2.3
		1+42		
65' ~			0.8	2.5
80' ~			0.5	2.8
93' ~			5.4	-2.1

1/26/24 Gregory Culvert on HOWARD ST.
Moore
Miller
Shaw bet Florida + Alabama

	0.89	301.54		300.65	BP SW El Cajon Fla
T.P.	1.42	292.01	10.95	290.59	
0+00			4.9	87.1	
0+38			5.0	87.0	
0+50			3.4	88.6	
0+71			4.6	87.4	
0+73			6.9	85.1	
0+80			6.0	86.0	
0+85			5.7	86.3	
1+05.0			7.3	84.7	

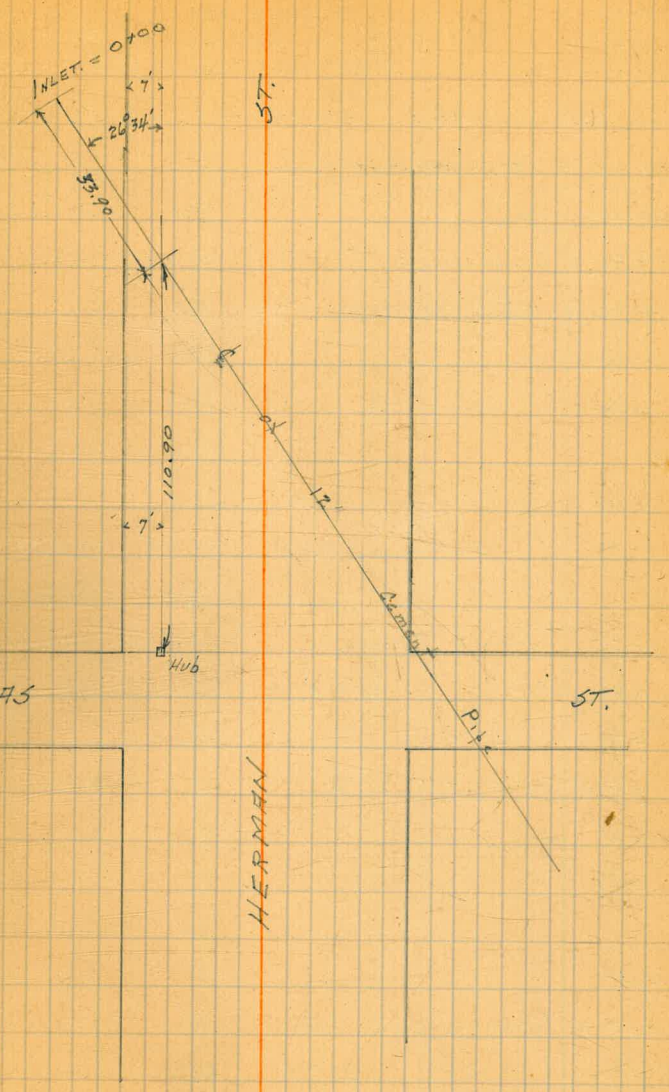


1/26/22

Levels on 12" Culvert on Herman St N. of Upas

on BM	4.18	326.44		322.26
0+00	Flow Line of 12" pipe		6.80	319.64
0+52	Top. of 12" cement pipe		6.91	319.53
1+34	" " " "		8.78	317.66
1+89	" " " "		9.95	316.49

N/W. Herman + Upas

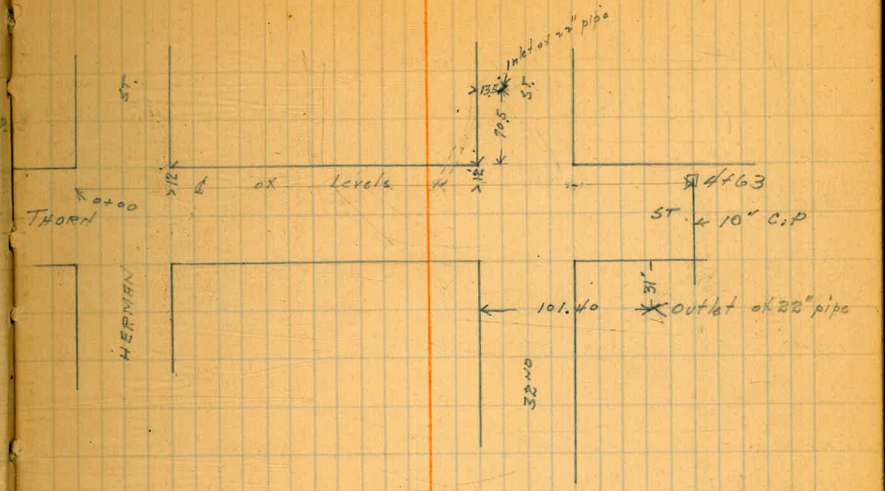


60

Gregory Miller Shaw.

Levels on ℄ proposed Drain 2' outside N Curb Line of Thorn St from W.L. Herman to Drain under Thorn E. of 32nd

on B.M.	1.70	321.06		319.36	3pk in W Herman & Thorn
0+00 = W.L. Herman			3.3	317.8	
0+12			3.5	317.6	
0+32.5			3.9	317.2	
0+65 = E.L. Herman			4.6	316.5	
1+00			5.9	315.2	
+50			8.5	312.6	
2			10.3	310.8	
+50			12.3	308.8	
+P	2.44	310.77	12.73	308.33	
3			4.2	306.6	
+39 = W side C.B. Top.			6.3	304.5	
+39 = " " " bottom			8.6	302.2	
+41.5 = E " " "			8.6	302.2	C.B = 2'x2.5'
+41.5 = " " " Top			5.8	305.0	
+61			7.9	302.9	
+67			7.1	303.7	
4			7.4	303.4	
+50			8.1	302.7	
+63 = Center of 2'x2' C.B.			8.6	302.2	
T.P.	6.06	305.86	10.97	294.80	
			14.38	291.48	Flow Line Inlet of 22"
T.P.	3.70	297.06	12.50	293.36	
			13.47	283.59	Flow Line Outlet 22"



61

Grades on Pershing Drive

	W			E
5+50	+4.0			+1.5 nail
	+3.77		.8 elev.	+0.67
5+00		4 parts		
	+3.60			+0.35
4+50				
4+39.72 PC.	+3.11 95.86	96.50	95.95	+0.45
	+2.33			
4+00	Break. 96.0	96.10		
3+50		95.4		
3+00	+0.62 94.6	94.7		
2+50		94.0		
2+14.30 P.T.	+0.20 93.4	93.5	93.7	+2.0 nail
	-0.20			+2.5 nail
2+00		93.3		
	+1.14			+2.6 nail
1+50		92.6		
	+1.54	6 parts		+2.5 nail
1+00		91.9		
	+1.46			0.46
0+50		91.2		
	+1.0			+0.24
0+00	+0.86 90.40	90.50	90.40	-0.5

	W			E
12+00		87.95		
11+64.05 PC.	+5.5 87.12		87.12	-1.25
11+50				
11+00	+5.1 break.	88.78	7.94	
10+50		89.78	6.84	
10+00	+3.2 Break 90.60	90.78	5.84	
9+50		91.28	5.34	
9+00	+2.6 91.50	91.78	4.94	
8+50		92.28	4.44	
8+00	+4.56 94.40	92.78	3.94	
7+50		93.28	3.44	
7+00	+4.6 93.30	93.78	2.94	
6+50		94.08	2.64	
6+00		94.38	2.34	
5+99.49 E.C.	93.5 93.91	94.31	94.71	+1.0 nail

18+00		86.17	86.5	
17+97.5 = NEnd of Bridge		86.14	86.35	
17+54.70 = SEnd of Bridge		85.84		
17+54.61 E.C.		85.84		
17+50		85.83		
	CC = -1.7			-2.9
17+00		85.70		
16+50		85.58		
16+08.92 P.C.	8587	85.47		8507
16+00		85.45		
15+50		85.33		
15+00		85.20		-2.1
14+50	Break.	85.08		
14+00		85.18		
13+50	Break.	85.29		
13+00		85.94		
12+55.68 E.C.		86.54		
12+50		85.70		

24+50		114.54	
24+00		111.30	
23+50		108.07	
23+00		104.84	
22+50		101.61	
22+14.44 E.C.		99.30	
22+00		98.37	
21+50	E.V.C.	95.14	
21+46		93.60	
21+00		92.24	
20+75		91.05	
20+50		90.04	
20+35		89.19	
20+17.34 P.C.			
20+00		88.51	
19+75		88.01	
19+50	P.V.C.	87.67	
19+00		~~87.17~~ → 86.61	
18+50		~~86.67~~ → 86.50	

31+02.84 P.C.		154.17
31+00		154.7
30+50		151.7
30+00		148.7
29+50		145.7
29+00		142.7
28+50		139.7
28+00		136.7
27+50		133.7
27+00	Break	130.7
26+96.66 E.C.		130.59
26+50		127.47
26+03.05 P.C.		124.43
26+00		124.24
25+50		121.0
25+00		117.77

37+50	193.7
37+00	190.7
36+50	187.7
36+00	184.7
35+50	181.7
35+00	178.7
34+53.51 E.C.	175.91
34+50	175.7
34+00	172.7
33+50	169.7
33+00	166.7
32+50	163.7
32+00	160.7
31+50	157.7

44+14.52 PC.		220.19
44+00		219.70
43+50		218.0
43+00		216.3
42+50		214.6
42+00		212.9
41+50		211.2
41+00		209.5
40+50		207.8
40+00	E.V.C.	206.1
+75		205.21
39+50		204.24
+25		203.19
39+00		202.05
+75		200.83
38+50		199.44
+25		198.16
38+00	P.V.C.	196.9

51+00		245.95
50+50		243.9
50+00		241.85
49+50		239.80
49+00		237.76
48+50		235.70
48+00		233.66
47+50	Break	231.6
47+00		229.9
46+92.29		
46+93.86 = E.C.		229.64
46+50		228.2
46+00		226.5
45+50		224.8
45+00		223.1
44+50		221.4

+75	P.V.C.	237.80
57+50		238.63
57+00		240.28
56+50		241.93
56+28.75 E.C.		242.62
56+00		243.58
55+50	Break.	245.23
55+00		246.13
54+50		247.03
54+00		247.93
53+76.55 P.C.		
53+50		248.83
53+00	E.V.C.	249.73
+75		250.05
52+50		250.13
+75		249.97
52+00		249.56
+75		248.91
51+50	P.V.C.	248.00

64+00		246.75
63+50		245.4
63+00		244.55
62+50		243.70
62+00		242.85
61+50	Break.	242.0
61+00		240.88
60+50		239.77
60+00.16 P.C.		238.66
59+50		237.55
+75	E.V.C.	237.00
59+00		236.56
+75		236.34
58+50		236.34
+75		236.61
58+00		237.10

70+50		256.40
70+00		256.0
69+50	Break.	255.6
69+00		254.76
68+50		253.90
68+00		253.05
67+50		252.20
67+00		251.35
66+50		250.5
66+00		249.65
65+50		248.8
65+00		247.95
64+76.29 EC		247.54
64+50		247.10

77+00		260.34
76+61.50 EC		260.17
76+50		260.12
76+00		259.9
75+50		259.68
75+00		259.46
74+80.38 PC		259.38
74+50		259.24
74+00		259.02
73+50	Break.	258.8
73+00		258.4
72+50		258.0
72+00		257.6
71+50		257.2
71+00		256.8

+75	P.V.C.	284.1
83+50		282.6
83+31.13 P.C.		281.46
83+00		279.6
82+50		276.6
82+00		273.6
81+50		270.6
+25	E.V.C	269.1
81+00		267.69
+75		266.45
80+50		265.39
+25		264.5
80+00		263.79
+75	P.V.C	263.25
79+50		262.8
79+00		261.9
78+50	Break	261.0
78+00		260.78
77+50		260.56

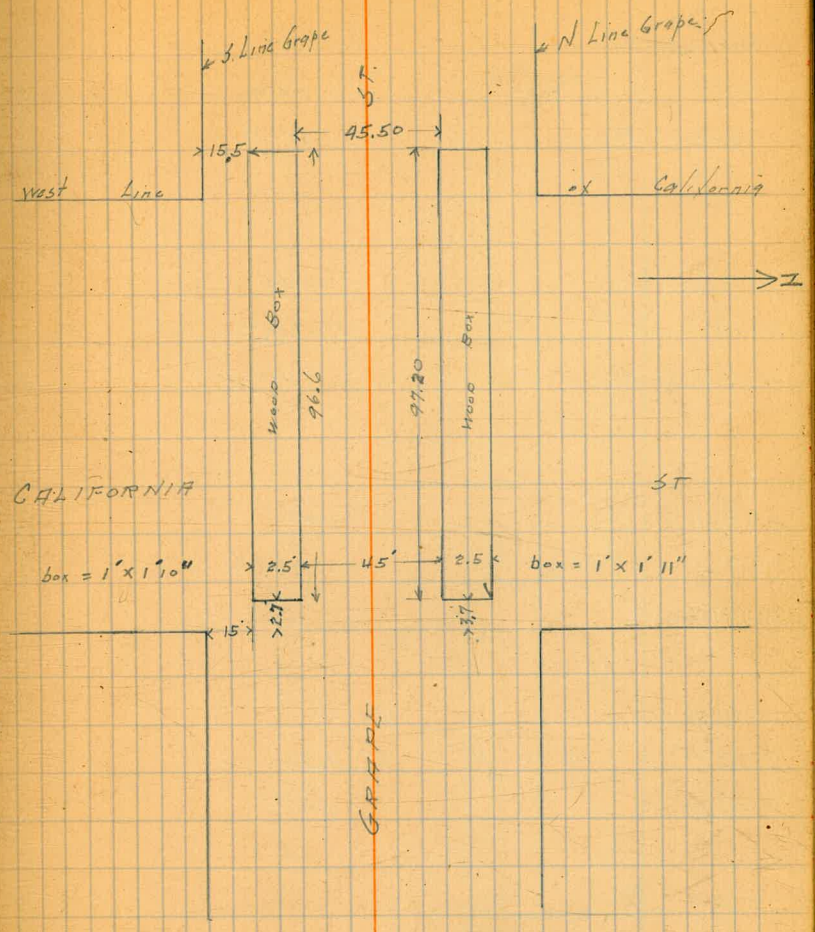
90+06.38 P.C.C.			
90+00		293.98	
+75		292.88	
89+50		291.93	89.15 = HA
+25		291.13	
89+00		290.48	
+75		289.99	
88+50		289.66	
+25		289.48	
88+00	P.V.C	289.45	
87+67.07 P.C.		289.52	
87+50		289.55	
87+00		289.65	
86+51.35 E.C.		289.75	
86+50		289.75	
86+00		289.85	
+75	E.V.C	289.9	
85+50		289.85	
+25		289.61	
85+00		289.18	
+75		288.55	290.10 HA
84+50		287.73	
+25		286.71	
84+00		285.50	

+75		327.30
96+50		326.82
+25		326.23
96+00		325.54
+75		324.75
95+50	P.V.C.	323.85
95+00		321.95
94+50		320.05
94+00	E.V.C.	318.15
+75		317.15
93+50		316.04
+25		314.80
93+00		313.50
+75		312.07
92+50		310.54
+25		308.9
92+00	P.V.C.	307.15
91+50		303.55
91+00	E.V.C.	299.95
+75		298.23
90+50		296.66
+25		295.25

99+20.8 = MON		328.44 = Pavement
99+00		328.85
98+50		328.61
98+00		328.37
97+66.47 EC		
97+50	E.V.C.	328.13
		327.96
97+00		327.68

7/9/22 Gregory Bros Culverts at Grape and California

on BM.	0.60	Hub on		Hub on	B.P. SW Grape + India
	0.76	32.46	12.92	31.70	
	4.50	24.42	12.54	19.92	
Inlet of Box on N.			5.72		
Outlet " " " "			7.90		
" " " " S			7.79		
Inlet of " " S			5.41		
East Track over S Box.			4.96		
Center " " " "			5.22		
Main " " " "			5.32		
" " " N "			5.50		
Center " " " "			5.40		
East " " " "			5.00		



36+70.99 EC.	R = 1000'
35+78 Δ 16°30' L	st = 144.99
33+83.01 PC.	lc = 287.98
30+86.71 EC	R = 1000
29+48° Δ 16°00' L	st = 140.54
28+07.46 PC	lc = 279.25
27+68.01 EC.	R = 700
26+55 Δ 18°40' L	st = 115.05
25+39.95 PC.	lc = 228.06
20+17.93 EC.	R = 125
19+50.0 Δ 75°30' R.	st = 96.79
18+53.21 PC.	lc = 164.72
12+00 ⊙	
7+39.49 EC.	R = 1500
5+55 Δ 14°10 L	st = 186.39 lc = 370.88
3+68.61 PC	
	R = 500
0+00 = Δ 13°[illegible] R app. 26+50 [illegible]	st = 58.44

20' x hub 30' x

20' x hub 30' x hub

20' x hub 30.24' x hub
99° 20'

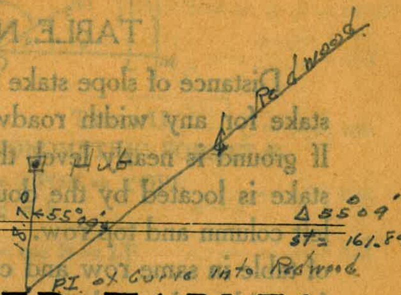
27' x hub shumac bush 20' App. • nail

hub x 29 87°55' • nail 12' x hub 40' App x nail

hub x 10' • 50' x hub 33 App x hub

87+67.27 = Bob's P.C. on "A Line"	
61+55.31 = Equ.	
60+49.66 EC	R = 350
58+97.20 Δ 54°25' Lt	ST = 179.95
57+17.25 PC	Ex = 43.51
55+11.91 EC	R = 6000
53+20.2 Δ 3°40 Rt	ST = 192.06
51+27.94 P.C.	Ex = 3.06
49+20.89 = 49+22.41 new E.C.	
48+17.80 EC	R = ~~800~~ 1500
47+00 Δ 17°-0' Rt	St = ~~119.56~~ 224.17
~~45+80.~~ P.C. 44+75.83	~~Ex 8.88~~ 16.67
	L 445.06
42+46.01 EC	R = 2200
40+45.0 Δ 10°30' L	St = 202.16
38+42.84 PC	Lc = 403.17

Hub ⊗ 30 • 37 Ahp ⊗ Hub



IMPROVED TABLES

AND

INFORMATION

x 30 x 20 •

x 30 x 20 •

• 20 x 30 x

B St. So. Side

Sidewalk from 72 W. East of 2nd prod. S to 176.3 W
Curb - 95.5 - - - - - 197.2 W
556 □' sidewalk.
101.7 lin ft curb.

196
03

15th St.

Curb from 121.5 S. of Broadway to 187.5
sidewalk - " - - -
924 □' sidewalk
66 lin ft curb.

Abbott & Vol. Sk. 2.47

Seq NE Mon 71.82