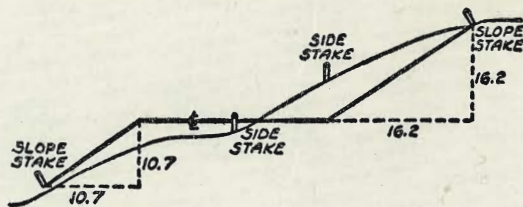




G-353



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING  
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

MICROFILMED

APR 16 1965

DIRECTIONS FOR USE OF TABLES

TABLE XIV

Distance of slope stake from side or shoulder  
stake for any width roadway, slope 1 1/2 to 1.  
If ground is nearly level, the cut or fill at side

---

---

IMPROVED TABLES  
AND  
INFORMATION

---

---

To find Tangent and External for curve of  
any other degree, divide by degree of curve and  
add correction found in column of corrections.  
Degree of curve with a given length between  
by dividing tangent (or external) by  
given tangent (or external)  $\frac{L}{T}$  or  $\frac{L}{E}$   
The distance from a point on the tangent to  
the curve is nearly the square of the tangent  
length divided by twice the degree.

$$T = R \tan \frac{D}{2}$$
$$E = R \left( \sec \frac{D}{2} - 1 \right)$$
$$L = \frac{R D \pi}{180}$$

Roberts  
Rover  
Moore  
8-8-55  
W.O.# 62438

Rough Grade Stakes Highland Avenue  
Slope Stakes  
Olive to Maple  
124292

Wanted only left side 5' back toe of slope

2+60 PVC	271.60 2583 F 1.3.3	(34.9)	272.10	4490	2822 279.32 C 2.9	(20)	279.82
2+00	271.23 270.3 F 0.9	(16.6)	271.73	4450	2815 279.28 C 2.2	(19.6)	279.78
(28.8) 1+50	2739 270.92 C 3.0	(23.8)	271.42	4410	2798 278.12 C 1.7	(19.2)	278.62
(27) 1+60	271.6 270.62 C 1.0	(25)	271.12	3+70 PVC	275.85 2754 F 0.4	(16.9)	276.35
(24) 0+50	2742 270.31 2694 F 0.9	(23)	270.81	3+40 PVC	273.73 2676 F 6.1	(23.8)	274.23
(27) Sol. line 0+00 div ↑ out in relation to 5BK toe and E 30' Rang BN	2717 270.00 2652 F 4.8 C 1.7	(20)	270.50	3+00	272.30 2570 F 15.3	(37.8)	272.80
			280.17 NW Maple & Fairmount E 5BK				

± No. Line.  
6+00 Maple

2781  
275.50 (19.2)  
C 2.6

276.00

5+65

2798  
276.90 (19.6)  
C 2.9

277.40

5+30 EYC

2812  
278.30 (20)  
C 2.9

278.80

Roberts  
Rorer  
Moore  
Morales  
8-16-55  
No. #32148

Curb Grades Linwood Street.  
Pringle to Keating  
7860-L

3

1+10	16712 167.05 C 0.07	166.10 166.08 F 0.02	2+15	155.70 155.35 F 0.35	155.64 153.05 C 0.59
------	---------------------------	----------------------------	------	----------------------------	----------------------------

0+90	16783 167.20 C 0.63	16641 166.20 C 0.21	1+95	160.00 159.87 F 0.13	158.91 158.50 C 0.41
------	---------------------------	---------------------------	------	----------------------------	----------------------------

0+70	16750 167.40 C 0.10	16616 166.10 C 0.06	1+75	16345 163.25 C 0.20	161.90 161.35 F 0.55
------	---------------------------	---------------------------	------	---------------------------	----------------------------

0+50	16880 167.60 C 1.20	16565 165.71 F 0.06	1+55	16580 165.50 C 0.30	164.55 164.00 C 0.55
------	---------------------------	---------------------------	------	---------------------------	----------------------------

0+30 PVL	16851 167.75 C 0.79	16560 165.19 C 0.41	1+35	167.27 166.60 C 0.67	165.40 165.20 F 0.20
----------	---------------------------	---------------------------	------	----------------------------	----------------------------

0+00 Pringle sly Line	168.00 —	164.20	1+15	16714 167.00 C 0.14	166.70 166.05 C 0.65
--------------------------	-------------	--------	------	---------------------------	----------------------------

164.32

134.82  
134.73

134.85  
134.81

cb EC  
Z+93 Rt



13661  
136.31  
C 0.30

Keating

cb EC  
Z+91 Lt

13834  
136.75  
C 1.59



Z+63

14504  
143.87  
C 1.17

14578  
143.71  
C 2.07

Z+35 EYC

15282  
151.00  
C 1.82

151.11  
150.60  
C 0.51

Roberts  
Rorer  
Moore  
Mendez  
3-17-55  
MO #32393

Curb Grades Roanoke Street  
Sea Breeze to Calle Gaviota  
10965-L

5

	25400	25419	1750	25778	25869
	25400	25403		25771	258.33
0+30 PVC	GRADE	C0.16		F0.07	C0.36

	25256	25250	1730	25738	25828
<small>on Roanoke</small>	252.50	252.50		257.33	257.99
0+00 CB EC	C0.06	25232		C0.05	C0.29
		F0.18			

	25196	25195	1710 EVC	256.88	257.66
#4	25190	25160		256.57	257.54
	C0.06	F0.35		F0.31	F0.12

	25143	25135	0+90	256.50	-
#3	25065	25099		256.37	257.21
	F0.78	F0.36		C0.13	257.14
					F0.07

	25107	25065	0+70	255.82	256.52
#2	25060	25038		255.72	256.47
	F0.47	F0.27		C0.10	F0.05

	25089	25014	0+50	25496	25599
#1 CB EC <small>on Sea Breeze</small>	250.88	250.10		254.93	255.60
	C0.01	C0.04		C0.03	C0.39



2+70	2 258.84 258.67 F0.17	258.88 258.80 F0.08	3+92.92 CBL	25304 253.11 F0.07	252.88 252.60 F0.28
2+50	259.10 259.01 F0.09	259.24 259.18 C0.06	3+70	254.68 254.63 C0.05	254.90 254.63 C0.27
2+30	259.16 258.93 F0.23	259.38 259.24 F0.14	3+50	255.93 255.88 C0.05	255.88 255.78 F0.10
2+10	258.87 259.02 F0.15	259.28 259.24 C0.04	3+30	257.00 256.90 C0.10	256.90 256.70 F0.20
1+90 PVC	258.68 258.46 F0.22	259.10 259.00 C0.10	3+10	257.78 257.72 C0.06	257.72 257.55 F0.17
1+70	258.23 257.88 F0.35	259.05 258.66 C0.39	2+90	258.38 258.30 F0.08	258.39 258.26 F0.13

Calle Gavista  
East Side

7

			No End 1+00	251.00 250.39 F 0.61
#4 ON Calle Gavista #4 C/EC	251.00 250.82 F 0.18	247.46 247.00 C 0.46	0+65	249.36 249.30 C 0.06
#3	250.85 250.53 F 0.32	248.68 247.95 F 0.73	0+50	248.97 248.56 C 0.41
#2	251.28 251.01 F 0.27	250.18 249.00 F 1.18	0+35	248.20 247.87 C 0.33
#1	252.08 251.85 F 0.23	251.82 251.07 F 0.75	So End 0+00	246.00 245.82 F 0.18

Roberts Grade Stakes Alley B.K.C., Belmont

Moose  
Schelin  
Fullen  
8-29-55  
W.O.#32551

11968-L

8

				37346 372.59 C 0.87	372.29 371.57 F 0.72
1+00	37586 374.38 C 1.48	374.08 373.11 F 0.97	2+20 FVC		
0+80	37590 373.95 C 1.95	37454 373.65 C 0.89	2+00	37398 373.41 C 0.57	373.11 372.39 F 0.72
0+60 PVC	37537 373.30 C 2.07	37410 373.00 C 1.10	1+80	374.81 374.03 C 0.78	373.73 373.36 F 0.37
0+40	37474 372.55 C 2.19	37365 372.25 C 1.40	1+60	37501 374.43 C 0.58	374.13 373.82 F 0.31
0+20	37470 371.81 C 2.89	37270 371.51 C 1.19	1+40	37597 374.62 C 1.35	374.32 374.15 F 0.17
0+00 EW Alley	371.37	370.77	1+20	37581 374.61 C 1.20	374.31 373.59 F 0.72

B.M. 351.52 NW B.P.E. Cajon & Estrella

3+75	36731 365.40 C 1.91	36520 365.10 C 0.10	5+20	36040 358.76 C 1.44	35889 358.66 C 0.23
------	---------------------------	---------------------------	------	---------------------------	---------------------------

3+50	36800 366.56 C 1.44	36666 366.26 C 0.40	5+00	36165 359.71 C 1.94	35967 359.41 C 0.26
------	---------------------------	---------------------------	------	---------------------------	---------------------------

3+25	36846 367.72 C 0.74	367.42 367.00 F 0.42	4+80	36245 360.54 C 1.91	36035 360.24 C 0.11
------	---------------------------	----------------------------	------	---------------------------	---------------------------

3+00	36987 368.88 C 0.99	36887 368.58 C 0.29	4+60 PVC	36269 361.44 C 1.25	36159 361.14 C 0.45
------	---------------------------	---------------------------	----------	---------------------------	---------------------------

2+75	37120 370.04 C 1.16	369.74 368.82 F 0.92	4+25	36462 363.08 C 1.54	36360 362.78 C 0.82
------	---------------------------	----------------------------	------	---------------------------	---------------------------

2+50	37179 371.20 C 0.59	370.90 370.41 F 0.49	4+00	36583 364.24 C 1.59	36442 363.94 C 0.48
------	---------------------------	----------------------------	------	---------------------------	---------------------------

This the 29th of August 1955 is my ~~40th~~ 10<sup>th</sup> birthday. Feel as if I were in my late 20s, wonder if 40 were are in store?  
G.F. Roberts

Q. 2.62  
353.42 353.20

6740

35586  
355.77  
C 0.09

35562 ✓  
355.47  
C 0.15

6720

35627  
356.14  
C 0.13

35592  
355.84  
C 0.08

7+67.22

N.L. Elgin 35401  
35398

EnstAC Par.  
E  
35350

353.74  
35380

6700

35671 ✓  
356.56  
C 0.15

35632 ✓  
356.26  
C 0.06

7+50

354.25 ✓  
354.11  
F 0.14

354.40 ✓  
353.97  
C 0.17

5780

35734  
357.06  
C 0.28

35687  
356.76  
C 0.11

7+25

354.59 ✓  
354.57  
F 0.02

354.38 ✓  
354.30  
C 0.08

5760

35820  
357.63  
C 0.57

35736  
357.33  
C 0.03

7+00

35544 ✓  
354.93  
C 0.51

354.62 ✓  
354.63  
C 0.06

5740

35915  
358.26  
C 0.89

35933  
357.96  
C 1.27

6+60 EVC

35654 ✓  
355.47  
C 1.07

35540 ✓  
355.17  
C 0.23

Roberts  
Rorer  
Moore  
Moralez  
9-30-55  
W.O. #20008

Grade Stakes For Storm Drain  
in Jennings St. - Albion to  
Gage. 11781-L

203.60 Top #dwl.

11

2+14.25

217.17  
215.23  
C 1.94

Make  
2+77.70 Connection

206.83  
200.93  
C 5.90

2+06.25

222.02  
218.43  
C 3.59

2+46.25

211.29  
206.59  
C 4.70

2+00

225.13  
221.06  
C 4.07

2+34.25

213.76  
208.99  
C 4.77

1+70

238.95  
233.66  
C 5.29

2+30.25

213.81  
209.95  
C 3.86

1+45

247.75  
244.16  
C 3.59

2+26.25

214.03  
211.07  
C 2.96

1+20.64  $\frac{1}{2}$  Inlet  
cb line of Tamaroad. 26072  
Gut  $\rightarrow$  259.00 260.72  
C 1.72 C 6.96 - INVERT

2+22.25

214.70  
212.35  
C 2.35

BM

262.61 M W B P Jennings & Albion

Roberts  
Kurer  
Moore  
Moralez  
9-30-55  
WA# 32265

Grade Stakes Sewer - Hancock  
Gaines to Camino Del Rio  
2776-D

12

1+25

258  
-6.00  
C8.58

1+00

266  
-6.10  
C8.76

1+76 Sewer Lat #1 on Left

286  
-1.60  
C4.46

0+75

270  
-6.20  
C8.90

2+25 DE

338  
-5.60  
C8.98

0+50

269  
-6.30  
C8.99

2+00

294  
-5.70  
C8.64

0+25

260  
-6.40  
C9.00

1+75

280  
-5.80  
C8.60

€ Gaines  
0+00 Exist MH

Rim 276  
-6.50  
✓

1+50

275  
-5.90  
C8.65

Moore St.  
Riley to Camino del Rio

13

441  
-1.50  
C 5.91

0+77 DE also Sewer Lat # 3 on Rt. 334  
-2.30  
C 5.64

0+50 302  
-2.45  
C 5.47

0+40 283  
0+35 Sewer Lat # 2 on left. -1.70  
C 4.53

0+25 307  
-2.63  
C 5.70

0+00 & Riley MH -2.80  
✓

328  
-1.70  
C 4.98  
Sewer Lat # 4 on Rt



Moore St.  
Riley towards Gaines

14

1+25

285  
-3.85  
C 6.70

1+00

318  
-3.64  
C 6.82

0+75

333  
-3.43  
C 6.76

0+50

329  
-3.22  
C 6.51

0+25

324  
-3.01  
C 6.25

0+00 & Riley

319  
-2.80  
C 5.99

1+45 Make  
Connection.

-4.00  
-4.07

Moore, St.  
Gaines to Rosecrans

1+05 Sewer	LAT # 5 on Rt.	271 -2.3 C 5.01	2+25	316 -4.0 C 7.76
------------	----------------	-----------------------	------	-----------------------

1+00		282 -5.10 C 7.92	2+15 <sup>W</sup> Lat Rt 3.42 2+00	302 -4.70 C 7.72
------	--	------------------------	---------------------------------------	------------------------

0+75		293 -5.20 C 8.13	1+80 Sewer LAT # 6 on Rt.	327 -2.2 C 5.47
------	--	------------------------	---------------------------	-----------------------

0+50		289 -5.30 C 8.19	1+75	281 -4.80 C 7.61
------	--	------------------------	------	------------------------

0+25		299 -5.40 C 8.39	1+50	262 -4.90 C 7.52
------	--	------------------------	------	------------------------

0+00	2 Gaines Exit MH	-5.50 430 1.20	1+25	278 -5.00 C 7.78
------	---------------------	----------------------	------	------------------------

795  
248  
-5.47

1+20 Water Lat  
on Rt

Curbg. 267  
253  
F 0.08

3+00 DE

361  
-4.30  
C 7.91

2+75

342  
-4.40  
C 7.82

75

2+55 Sewer LAT# 7 on Rt

342  
-1.7  
C 5.12

12

2+50

330  
-4.50  
C 7.80

Roberts State Storm Drain Alley  
Roren  
Moore  
Pollen  
10-3-55  
WA.# 32265

Blk 373 E.O. Rogers  
2774-D

2+50

260  
-4.31  
C 6.91

2+00

314  
-4.63  
C 7.77

1+50

263  
-4.96  
C 7.59

1+00

295  
-5.28  
C 8.23

0+50

334  
-5.61  
C 8.95

0+00

cleanout

310  
-5.93  
C 9.03

203  
169  
34

26

258  
→ 169  
C 0.89  
55

3+73.33 inlet inv.

3+33.33 Inlet inv. EC

2+98.77 BC

17

271 R4  
169  
C 1.02

stake on Right 271  
-3.46  
C 6.17

6.30  
1.59  
C 4.71 1/2 cb top 6.30  
-3.76  
C 10.06

277  
-3.98  
C 6.75

Roberts  
Rorer  
Moore  
Pullen  
10-3-55  
MO.# 32585

Curb Stakes 29<sup>th</sup> Street  
"E" to Broadway  
11555 L

	17649	17548			17821
0+50	176.04 C0.45	175.36 C0.12	1763.82 Ral Lt Alley - 178.93 1760 Rt.	St. - 178.89 178.51 F0.72	177.85 C0.36
	17470	17414			
0+30	174.17 C0.53	173.74 C0.40	END Alley Ret	So. 178.99 C0.82	179.46 179.09 C0.37
	17137	17146			
0+00 EC. et "E"	171.10 C0.27	171.10 C0.36	1735 Rt Alley - 178.83 1735.82 Ral Lt.	17889 St. - 178.73 C0.16	17792 177.72 C0.20
	17065	17075			
#3	170.30 C0.35	170.30 C0.45	1710	17853 178.60 F0.07	177.60 177.56 F0.04
	17039	17017			
#2	169.90 C0.49	169.55 C0.62	0+90	178.26 178.22 F0.04	177.28 177.17 F0.11
	17004	17027			
#1	170.00 C0.04	168.92 C1.35	0+70	17743 177.39 C0.04	176.54 176.35 F0.19
	17026				
BC First	170.23				

2+93.6 CB BC	18231 182.30 C0.01	18180 181.70 C0.10		
2+65	18160 181.30 C0.30	18107 180.61 C0.46		
2+40	18061 180.43 C0.18	18015 179.61 C0.54		
2+20	179.81 179.80 F0.01	17938 178.92 C0.46	E.C. Exit	183.14 X 181.50 181.40
2+00	179.09 179.34 F0.25	17903 178.40 C0.63	#2	18307 182.85 C0.22 182.50 182.00 C0.50
1+80	179.02 178.65 F0.37	17855 178.04 C0.51	#1	18312 182.55 C0.57 18210 182.10 GRADE

Stakes For Laterals Kurte St.  
Rosserans to Camino Del Rio

20

Water Lat. on Lt

Curb G. 3.33

283

F 0.50

Sewer Lat. # 8 on Lt

303

-2.00

C 5.03

Roberts Grade Stakes Alley BK 72, City Heights

21

Rorer  
Moore  
Mokalez  
10-6-55  
W.O.#32268

11475-20  
35298 35279  
352.41 352.41  
C0.57 C0.38

35045 35031  
349.84 349.84  
C0.61 C0.47

1+00

2+50

35311 35325  
352.75 352.75  
C0.36 C0.50

35057 35058  
350.27 350.27  
C0.30 C0.31

0+80

2+25

35357 35360  
353.10 353.10  
C0.47 C0.50

35095 35088  
350.70 350.70  
C0.25 C0.18

0+60

2+00

35372 35417  
353.35 353.30  
C0.37 C0.87

35168 35117  
351.12 351.12  
C0.56 C0.05

0+40

1+75

35392 35394  
353.45 353.40  
C0.47 C0.54

35200 35164  
351.55 351.55  
C0.45 C0.09

0+20

1+50

35340 35320  
35310 353.12

35248 352.18  
351.98 351.98  
C0.50 C0.20

0+00 *sol line* Nighman

1+25

~~NWBP 354.51 Van Dyke & Nighman~~  
NWBP 343.08 Landis & Marlborough



4+00	34762 347.28 C0.34	34878 347.28 C1.50	5+50	344.71 No Stake Ditch	345.31 344.71 C0.60
3+75	34813 347.70 C0.43	34860 347.70 C0.90	5+25	34637 345.14 C1.23	34546 345.14 C0.32
3+50	34890 348.13 C0.77	34942 348.13 C1.29	5+00	34692 345.57 C1.35	34590 345.57 C0.33
3+25	34895 348.56 C0.39	35010 348.56 C1.54	4+75	34708 345.99 C1.09	34735 345.99 C1.36
3+00	34923 348.99 C0.24	34938 348.99 C0.39	4+50	34717 346.42 C0.75	34760 346.42 C1.18
2+75	35013 349.41 C0.72	34937 349.41 F0.04	4+25	34796 346.85 C1.11	34813 346.85 C1.28

No. Line  
5498.59 Landis

343.90

344.10  
344.06

$$\begin{array}{r} 343.81 \\ 343.25 \\ \hline 344.06 \end{array}$$

5480

34499  
344.20  
C 0.79

34508  
344.20  
C 0.88

5470

34517  
344.37  
C 0.80

34512  
344.37  
C 0.75

Roberts  
Rivier  
Moore  
Moralez  
10-7-55  
W.O. # 31764

Rough Grade Stakes Guy St.  
Couts to End L. 8

2742-D

	Curb							
		Rough	Curb	Rough				
0+90	244.06 24319 F0.87	24554 244.06 C 1.5	24362 24340 C0.22	24383 24340 C0.4				
0+70	244.50 24410 F0.40	24598 24450 C 1.5	24380 24377 F0.03	24402 243.80 C 0.2	Curb	Rough	Curb	Rough
0+50	24457 24456 C0.01	24630 24456 C 1.7	24380 24380 GRADE	24380 GRADE	Exit 1799.77	240.83 ✓		240.33
0+30	24445 244.25 C0.20	24643 244.25 C 2.2	24340 24336 F0.04	24340 24329 F0.1	1780	24269 241.23 24082 F0.41	241.23 C 1.5	240.72 24032 F0.70
Exit at 0+00 Couts	243.50 ✓		242.50		1735	24300 242.64 24180 F0.84	242.64 C 0.4	242.06 24177 F0.29

241.47 SUCT. Guy & Couts

Roberts  
Rorer  
Moore  
Morales  
10-10-55  
W.D. 21319

Grade Stakes for Sewer Bancroft St.  
3024-D

25

1+25

38443  
373.31  
C 11.12

2+75

38533  
373.71  
C 11.42

1+00

38410  
373.21  
C 10.89

2+50

38515  
373.81  
C 11.34

0+75

38393  
373.11  
C 10.82

2+25

38499  
373.71  
C 11.28

0+50

38374  
373.01  
C 10.73

2+00

38493  
373.61  
C 11.32

0+25

38358  
372.91  
C 10.67

1+75

38540  
373.51  
C 11.89

Existence  
0+00 Bancroft &  
Alley BK 373.38

Rim 383.68

372.81

1+50

38499  
373.41  
C 11.58

BM 381.01 SEBP Bancroft & Madison

4+25	38714 377.06 C10.08	5+75	38745 380.07 C7.38
------	---------------------------	------	--------------------------

4+00	38689 376.19 C10.70	5+50	38731 379.97 C7.34
------	---------------------------	------	--------------------------

3+75	38590 375.32 C10.58	5+25	38724 379.87 C7.37
------	---------------------------	------	--------------------------

MA#1 3+42.17 Benryt Alley Block 31 Rim-38603	38573 374.18 C11.55	Rim-38657 5+03.80 MAH 2 380.79	38719 379.79 C7.40
---	---------------------------	--------------------------------------	--------------------------

3+25	38570 374.11 C11.59	4+75	38715 378.80 C8.35
------	---------------------------	------	--------------------------

3476  
4.0990

3+00	38551 374.01 C11.50	4+50	38719 377.93 C9.26
------	---------------------------	------	--------------------------

7+25

38773  
380.67  
C7.06

8+75

38928  
381.27  
C8.01

7+00

38698  
380.57  
C6.418+55.20 MA#3  
Rim-388.9938905  
381.20 ✓  
C7.85

6+75

38713  
380.47  
C6.66

8+25

38899  
381.07  
C7.92

6+50

38666  
380.37  
C6.29

8+00

38885  
380.97  
C7.88

6+25

38732  
380.27  
C7.05

7+75

38873  
380.87  
C7.86

6+00

38747  
380.17  
C7.30

7+50

38840  
380.77  
C7.63

10+25

38937  
381.87  
C7.50

10+00

38953  
381.77  
C7.76

9+75

38965  
381.67  
C7.98

9+50

38974  
381.57  
C8.17Rim 388.64 FB  
388.8411+11.55 Exist N.H.  
Alley B/K 32  
and West Mt. View Drive382.23  
382.40

9+25

38962  
381.47  
C8.15

10+75

388.73  
382.07  
C6.66

9+00

38940  
381.37  
C8.03

10+50

38908  
381.97  
C7.11

Roberts  
 Rorer  
 Moore  
 Morales  
 10-13-55  
 M.O.# 32265

Curb Stakes Kurtz Street  
 Pacific Hwy to Rosecrans  
 2771D, 2772D

29

0+25 ↓ Gutter Grade	<del>1.85</del>	1.68	1.68	1+65	1.63	174
	1.68	1.02	1.42		1.36	1.29
	F0.17	C0.66	F0.26		F0.27	C0.45

0+50 Right C on Left	<del>2.08</del>	1.45	2.05	2.05	167	192
	1.45	1.13	1.18	1.11	1.57	1.21
	F0.63	C0.30	F0.94	1+40	C0.10	C0.71
		F0.87				

0-25	<del>2.31</del>	1.48	<del>2.31</del>	1+15	1.71	158
	1.48	1.27	1.77		1.51	1.13
	F0.83	C0.21	54		C0.20	C0.45

0-50	<del>2.54</del>	2.00	/ / / /	0+90.31 BRK	1.45	167
	2.00	1.45			1.37	1.05
	F0.54	C0.55			F0.08	C0.62

0-75	<del>2.77</del>	2.00	/ / / /	0+70.31 BRK	1.69	194
	1.90	1.90			1.53	1.09
	F0.87	F0.10			C0.16	C0.85

0-94.2 END CURB at Pac. Hwy.	3.09	/ / / /	0+50.31 BRK ↓	Gutter Grade	152	168
	✓			1.63	0.90	1.32
				1.52	C0.62	E0.36
				F0.10		



167  
50  
117

E Smith  
3+2330

199  
179  
F0.20

////

4+75

$\frac{235}{92}$  2.35  
 $\frac{143}{92}$  2.10  
F0.25

230  
2.16  
C0.14

2'cb Radon  
2+88.36 Right

1.91  
1.68  
F0.23

1.67  
1.29  
F0.38

4+50

$\frac{229}{92}$  2.35  
 $\frac{137}{92}$  2.29  
C0.06

198  
2.10  
F0.12

2+65

1.86  
1.68  
F0.18

1.60  
1.22  
F0.38

4+25

$\frac{223}{92}$  2.54  
 $\frac{131}{92}$  2.23  
C0.31

205  
2.04  
C0.01

2+40

1.80  
1.61  
F0.19

1.52  
1.48  
F0.04

4+00

$\frac{217}{92}$  2.21  
 $\frac{125}{92}$  2.17  
C0.04

211  
1.98  
C0.13

2+15

1.75  
1.18  
F0.57

1.44  
1.34  
F0.10

3+75

$\frac{211}{92}$  2.11  
 $\frac{117}{92}$  2.10  
F0.01

207  
1.92  
C0.15

1+90

1.69  
1.57  
F0.12

1.51  
1.36  
C0.15

3+58.30 Right  
2'cb Rad, on

2.07  
1.94  
F0.13

1.88  
1.54  
F0.34

6+25  $\frac{269}{92}$   
 $\frac{177}{177}$

2.69  
2.55  
F0.14

2.52  
2.38  
F0.14

7+70 BRK  $\frac{296}{92}$   
 $\frac{204}{204}$  2.96  
2.08  
F0.88

2.79  
2.45  
F0.34

6+00  $\frac{263}{92}$   
 $\frac{171}{171}$

2.65  
2.63  
C0.02

2.46  
2.27  
F0.19

7+50 BRK  $\frac{298}{92}$   
 $\frac{206}{206}$  2.98  
2.08  
F0.90

2.81  
2.55  
F0.26

5+75  $\frac{258}{92}$   
 $\frac{166}{166}$

2.58  
2.46  
F0.12

2.40  
2.29  
F0.11

7+20 BRK  $\frac{295}{92}$   
 $\frac{203}{203}$  2.95  
2.15  
F0.80

2.78  
2.49  
F0.29

5+50  $\frac{252}{92}$   
 $\frac{160}{160}$

2.52  
2.15  
F0.37

2.34  
2.15  
F0.19

7+00  $\frac{287}{92}$   
 $\frac{195}{195}$  2.87  
2.35  
F0.52

2.71  
2.50  
F0.21

5+25  $\frac{246}{92}$   
 $\frac{154}{154}$

2.46  
2.11  
F0.35

2.28  
2.11  
F0.17

6+75  $\frac{281}{92}$   
 $\frac{214}{189}$  2.81  
2.28  
F0.67 F0.83

2.45  
2.40  
2.45  
F0.19  
5.11  
2.14

5+00  $\frac{240}{92}$   
 $\frac{148}{148}$

2.40  
2.17  
F0.23

2.22  
2.19  
F0.03

6+50  $\frac{275}{92}$   
 $\frac{183}{183}$  2.75  
2.42  
F0.33

2.58  
2.44  
F0.14

1.87  
521  
708  
~~478~~  
210

108  
100

20x  
38  
167

9+25 2.65  
210  
F0.55

~~2.65~~ 265  
~~231~~ 92  
F0.34 173

2.43  
2.06  
F0.37

10+75 2.35  
72  
143 2.05  
F0.30

232  
2.11  
C0.21 ✓

9+00

2.70 270  
187 92  
F0.83 178

2.49  
2.23  
F0.26

10+50 2.40  
92  
148 2.15  
F0.25

~~2.44~~ 2.25  
~~2.16~~ 2.16  
C0.28 C0.09

8+75

2.75 275  
197 92  
F0.78 183

2.54  
2.50  
F0.04

10+25 2.45  
72  
153 2.08  
F0.37

263  
2.21  
C0.40 ✓

8+50

2.80 280  
196 92  
F0.84 188

2.60  
2.43  
F0.17

\* 10+00 2.50  
92  
158 2.19  
F0.31

233  
2.27  
C0.04 ✓

8+25

2.85 285  
219 92  
F0.66 193

2.65  
2.64  
F0.01

9+75 2.55  
92  
163 1.92  
F0.63

2.32  
2.18  
F0.14 ✓

8+00

2.90 290  
227 92  
F0.63 198

2.71  
2.62  
F0.09

9+50 2.60  
92  
168 2.04  
F0.56

260  
2.38  
C0.22

	$\frac{5.42}{92}$			End Inlet →	2.66 2.10 C0.56	237 → 1.55 C0.82
12+25	$\frac{2.05}{92}$ 1.13	230 2.05 C0.25	242 1.78 C0.64	2' CB Rad. on 13+53.72 Right	<del>2.46</del> <del>1.81</del> C0.62	237 1.50 C0.87
12+00	$\frac{2.10}{92}$ 1.18	239 2.10 C0.29	260 1.83 C0.77	2' CB Rad. on 13+43.72 Left	<del>2.43</del> <del>1.81</del> C0.62	<del>237</del> <del>1.50</del> <del>C0.87</del>
11+75	$\frac{2.15}{92}$ 1.23	2.15 2.12 F0.03	242 1.89 C0.53	2.50 1.85 13+25	<del>2.46</del> <del>1.85</del> C0.65 C0.55	225 1.56 C0.69
11+50	$\frac{2.20}{92}$ 1.28	2.20 1.98 F0.22	236 1.94 C0.42	2.46 1.90 13+00	<del>2.42</del> <del>1.90</del> C0.56 C0.52	234 1.61 C0.73
11+25	$\frac{2.25}{92}$ 1.33	2.25 1.99 F0.26	250 2.00 C0.50	2.43 1.95 12+75	<del>2.44</del> <del>1.95</del> C0.48 C0.49	251 1.67 C0.84
11+00	$\frac{2.30}{92}$ 1.38	2.30 2.01 F0.29	<del>2.42</del> 2.33 2.05 2.05 C0.37 C0.28	2.30 2.00 12+50	<del>2.33</del> <del>2.00</del> C0.30 C0.33	247 1.72 C0.75

Roberts  
 Rorer  
 Moore  
 Morales  
 10-17-55  
 W.O. # 32215

Grade Stakes Alley #30, 231, 232  
 and 233 Mission Beach, 11374L

				-0.01	-0.25
				-0.56	-0.55
				C 0.57	C 0.30
0+25	393 2.64 C 1.29	335 2.74 C 0.61	153.27 Mission Blvd.		
				0.05	0.51
				-0.43	-0.43
			1+25	C 0.48	C 0.94
E. Line 0+00 Strandway	4.39 4.41	4.54			
				0.45	0.79
				-0.32	-0.32
			1+00	C 0.77	C 1.01
W. Line 0+49.37 Strandway	4.52	4.58			
				0.65	0.82
				-0.21	-0.21
			0+75 EVC	C 0.86	C 1.03
0+39.37	554 4.71 C 0.83	536 4.47 C 0.89			
				56	122
				0.56	0.01
			Sw. Lat #0 left	0.01	
			0+65	C 1.78	C 1.21
0+20	535 4.95 C 0.40	564 4.86 C 0.88			
				1.03	1.50
				0.55	0.57
0+00 PC	527 5.19 C 0.08	526 5.25 C 0.01	0+55 PC	C 0.48	C 0.93

495 chisel cross Strandway

E. Line Bay side  
0+00

-1.21

-1.29

W. Line Bay side  
0+97.61

-1.18

-1.28

0+75

0.51  
-1.11  
C0.60

-0.56  
-1.21  
C0.65

0+50

-0.50  
-1.03  
C0.53

-0.93  
-1.13  
C0.20

0+54.51 DE

-0.50  
-0.88  
C0.38

-1.09  
-1.00  
F0.09

0+25

-0.51  
-0.96  
C0.45

-0.78  
-1.06  
C0.28

0+49 Sewer Let. #2 Rt.

-1.01  
-3.98  
C2.97

E. Line Main St.  
0+00

-0.70  
-0.88  
C0.18 from  
Top curb

-0.71  
-0.88  
C0.27 from  
Top cb

0+25

-0.80  
-1.06  
C0.26

-1.17  
-1.16  
F0.01

Roberts Grade Stakes Alleys 226, 227, 228  
 Rorer and 229 Mission Beach, 11375-L  
 Moore  
 Morales  
 10-17-55  
 WA #32215

0+10	488 455 C0.33	574 450 C1.24	1+00	156 0.35 C1.21	062 0.30 C0.32
------	---------------------	---------------------	------	----------------------	----------------------

W.2. Strandway 0+00	5.07 ✓	5.22	0+75 EVC	100 0.58 C0.47	075 0.48 C0.27
------------------------	-----------	------	----------	----------------------	----------------------

W.2. Strandway 0+5333	5.13	5.30	0+70 Sewer Lat ③ Rt		078 -0.50 C1.28
--------------------------	------	------	---------------------	--	-----------------------

0+43.33	623 5.41 C0.82	646 5.58 C0.88	0+65	099 0.76 C0.23	085 0.71 C0.14
---------	----------------------	----------------------	------	----------------------	----------------------

0+21.66	609 5.49 C0.60	616 5.66 C0.50	0+55 PVC	134 1.32 C0.02	1.27 101 F0.26
---------	----------------------	----------------------	----------	----------------------	----------------------

0+00 DE	562 558 C0.04	601 5.75 C0.26	0+35	297 2.75 C0.22	445 2.70 C1.75
---------	---------------------	----------------------	------	----------------------	----------------------

711 E Seawall & San Rafael

0+82.5 Sewer Lat. (4) Rt

-3.61  
-1.06  
C 2.55

0+70

-1.15  
-0.16  
C 0.99

-1.15  
-1.08  
C 0.07

0+48 DE

-0.99  
+0.20  
C 1.19

-1.06  
-0.38  
C 0.68

0+45

-1.05  
-0.61  
C 0.44

-1.05  
-0.92  
C 0.13

0+24

-1.26  
-1.11  
C 0.15

-1.34  
-0.90  
C 0.44

0+20

-0.95  
-0.78  
C 0.17

-0.95  
-0.57  
C 0.38

EL. Bayside  
0+00

-1.54  
-1.55

-1.62

EL. Mission Blvd  
0+00

-0.88

-0.89  
-0.90

W.L. Bayside  
1+06.03

-1.50

-1.60

W.L. Mission Blvd.  
1+25.13

0.17

0.14  
0.12

0+90

-1.23  
-0.88  
C 0.35

-1.23  
-1.22  
C 0.01



Roberts  
Rorer  
Moore  
Morales  
10-18-55  
W.O.#32215

Grate Stakes for Alleys 222, 223, 224  
and 225 Mission Beach, 11376-L

		718			
0+20	4.93 486 F 0.07	4.93 C 2.25	E.L. Mission 0+00	-0.86	-0.96 -0.95
E.L. Strandway 0+00	5.90	5.83 5.86	W.L. Mission Blvd. 1+00, 01	0.29 0.30	0.41 0.29
W.L. Strandway 0+5333	6.03	5.95	0+90	2.08 0.55 C 1.53	1.36 0.59 C 0.77
0+4333	6.63 6.15 C 0.48	6.45 6.15 C 0.30	0+80	2.67 0.86 C 1.81	1.69 0.87 C 0.82
0+1333	6.88 6.29 C 0.59	6.31 6.29 C 0.02	0+70 FC	2.61 1.43 C 1.18	1.84 1.43 C 0.41
0+00 DE	5.77 5.61 C 0.16	5.58 5.61 F 0.03	0+45	3.23 3.18 C 0.05	3.35 3.18 C 0.17

			O+5/DE	-0.26 -0.70 F0.44	-0.26 -0.75 F0.49
O+90PK	+0.42 -1.21 C1.63	+0.45 -1.31 C1.76	O+37	+0.05 -0.30 C0.35	-0.39 -0.30 F0.09
O+70	-1.13 0.09 C1.04	-1.23 -0.54 C0.69	O+18.5	-1.13 -0.85 C0.28	-1.10 -0.62 C0.48
O+50	-1.05 -0.12 C0.93	+0.20 -1.15 C1.35	E.L. Bayside O+00	-1.96	-1.91
O+30	+0.45 -0.97 C1.42	-1.07 -0.57 C0.50	W.L. Bayside Lane 1+20.07	-1.92 -1.92	-1.92
O+25 (S) LEFT <i>Sewer Lateral</i>	+0.21 -2.34 C2.55	////	1+10	+0.26 -1.60 C1.86	-1.62 -0.56 C1.06
O+10	-0.90 -0.16 C0.74	-1.00 -0.24 C0.76	1+00	+0.27 -1.33 C1.60	-1.41 -1.28 C0.13

Roberts  
Roser  
Moore  
Morales  
10-18-55  
WD, # 32215

Grade Stakes Alley = 235' 236 Mission Beach  
11376A-L

		+395		037	045
		-0.88		0.04	-0.24
0+15 Sewer Lat. (6) on Right		C 4.83	0+90	C 0.33	C 0.69

				043	+009
				0.14	-0.06
E.L. Strandway	383	3.93	0+80	C 0.29	C 0.15
0+00	382				

				052	082
				0.36	0.16
W.L. Strandway	3.90	3.96	0+70	C 0.16	C 0.66
0+53.33					

	543	463		.	190
	4.22	4.28		1.36	1.16
0+43.33	C 1.21	C 0.35	0+40	1.32	C 0.74
				F 0.04	

	480	504		194	258
	4.75	4.81		1.79	1.62
0+20	C 0.05	C 0.23	0+30	C 0.15	C 0.96

	508			303	344
	4.92	4.98		2.41	2.31
0+00 DE	C 0.16	4.94	0+20	C 0.62	C 1.13
		F 0.04			

3.68

W.L. Mission Blvd.

1490.90

-0.64  
~~-0.25~~  
C0.39

-0.73  
-0.38  
C0.35

1465

-0.47  
-0.31  
C0.16

-0.61  
-0.05  
C0.56

1440

1.30  
-0.30  
C1.60

-0.49  
-0.19  
C0.30

1415

0.40  
-0.13  
C0.53

0.98  
-0.37  
C1.35

Roberts  
Rorer  
Moore  
Matalex  
10-21-55  
W.G.#32265

Rough Grade Stakes Moore St,  
Rosetrans to Camino Del Rio  
2775-D

				35	39
	36	31		2.87	3.03
2+50	2.37	2.52	2+00	C0.6	C0.9
	C1.2	C0.6			
				35	34
	27	38		2.71	2.88
2+00	2.67	2.79	1+50	C0.8	C0.5
	GRADE	C1.0			
				34	31
	33	33		2.55	2.73
1+50	2.97	3.06	1+00	C0.8	C0.4
	C0.3	C0.2			
				34	30
	35	35		2.39	2.58
1+00	3.27	3.33	0+50	C1.0	C0.4
	C0.2	C0.2			
				35	35
	38	36	opp. cb B.C. Gaines	2.23	2.43
0+50	3.57	3.60	0+00	C1.3	C1.1
	C0.2	GRADE			
			70'		
		38		37	37
opp. cb B.C. Rosetrans	3.87	3.87	opp. cb B.C.	2.16	2.31
0+00	3.65	F0.1	2+85 Gaines	C1.5	C1.4
	F0.2				
	3.66				

cb BC Rt  
0+6663

|||||

4.95  
46  
F0.4

cb BC cont  
0+4207

4.70  
32  
F 1.5

4.70  
44  
F0.3

opp. cb BC  
0+00 Riley

3.69  
30  
F0.7

3.75  
34  
F0.4

70'

opp. cb BC  
2+80 Riley

35  
3.12  
C0.4

36  
3.27  
35  
F0.1

2+50

35  
3.03  
C0.5

36  
3.18  
C0.4

Roberts  
Roser  
Moore  
Morales  
10-21-55  
W.O.# 32112

Grade Stakes Alley BIK 33, Fairmount Add.

12057-L

1+10	34774 347.06 C 0.68	34706 346.90 C 0.16	2+45	34714 347.11 C 0.03	34805 347.17 C 0.88
0+85	34798 346.98 C 1.00	34692 346.76 C 0.16	2+20 EVC	34762 347.27 C 0.35	34823 347.30 C 0.93
0+60 EVC	34725 346.90 C 0.35	34662 346.55 F 0.07	2+00	34832 347.34 C 0.98	34815 347.34 C 0.81
0+40	34724 346.63 C 0.61	34706 346.34 C 0.72	1+80 PVC	34765 347.30 C 0.35	34739 347.28 C 0.11
0+20	34684 346.00 C 0.84	34670 345.75 C 0.95	1+60	34774 347.23 C 0.51	34758 347.18 C 0.40
N.L. Orange 0+00	345.20 345.39	345.00	1+35	34775 347.14 C 0.61	34783 347.04 C 0.79

SEBP 484 1/2 Orange 342.81

3+80

34620  
346.16  
C0.04

34751  
346.45  
C1.06

5+20

34412  
343.19  
C0.93

34404  
343.21  
C0.83

3+60PVC

34645  
346.33  
C0.12

34748  
346.60  
C0.88

5+00PVC

34461  
343.65  
C0.96  
34486  
344.20  
C0.66

34474  
343.73  
C1.01  
34545  
344.35  
C1.10

4+80

3+45

34707  
346.43  
C0.64

34904  
346.67  
C1.37

4+60EVC

34522  
344.75  
C0.77

34616  
344.97  
C1.19

3+20

34684  
346.60  
C0.24

34764  
346.79  
C0.85

4+40

34551  
345.24  
C0.27

34610  
345.52  
C0.58

2+95

34706  
346.77  
C0.29

34826  
346.92  
C1.34

4+20

34584  
345.60  
C0.27

34633  
345.90  
C0.43

2+70

34694  
346.94  
GRADE

34785  
347.04  
C0.81

4+00

34639  
345.90  
C0.49

34644  
346.20  
C0.24



NEBP 48<sup>th</sup> & Trojan 34419 ✓

S.L. Trojan  
6+00,36

342.31  
342.21

342.27  
342.20

5780 BRK

342.99  
342.50  
00.49

342.48  
342.50  
00.02

5740 BRK

344.66  
342.92  
01.74

342.80  
342.90  
00.10

Roberts  
Rorer  
Moore  
Morales  
10-24-55  
NO#32265

Rough Grades Gaines Street  
Hancock to Congress  
2773-D

1+30

1.69  
✓

50  
1.59  
C3.4

0+50

36  
2.58  
C1.0

39  
2.48  
C1.4

1+10

1.69  
✓

53  
1.59  
C3.7

opp. CBC  
0+00

33  
2.43  
C0.9

44  
2.33  
C2.1

0+90

31  
1.72  
C1.4

37  
1.64  
C2.1

Moore

opp. CBC  
2+50

29  
2.12  
C0.8

31  
2.02  
C1.1

0+70 EVC

31  
1.79  
C1.3

36  
1.72  
C1.9

2+50

28  
2.03  
C0.8

29  
1.93  
C1.0

0+35

30  
1.94  
C1.1

36  
1.91  
C1.7

2+00

30  
1.88  
C1.1

30  
1.78  
C1.2

opp. CBC  
Hancock  
0+00

26  
2.10  
C0.5

34  
2.10  
C1.3

1+50 EVC

27  
1.73  
C1.0

38  
1.63  
C2.2

624  
263 C6 INLET  
C 3.61

238. cb BC at  
0700

31  
3.28  
FO.2

40  
2.70  
C 1.3

2+00

38  
3.52  
CO.3

43  
3.81  
CO.5

Jefferson

258. cb BC  
2180

40  
3.27  
CO.7

40  
3.17  
CO.8

1460 EVC

48  
3.64  
C 1.2

44  
4.07  
CO.3

2+50

39  
3.18  
CO.7

42  
3.08  
C 1.1

1440

39  
3.67  
CO.2

43  
4.11  
CO.2

2+00

32  
3.03  
CO.2

67  
2.93  
C 3.8

1420 EVC

364  
34  
FO.2

44  
4.00  
CO.4

1450

32  
2.88  
CO.3

68  
2.78  
C 4.0

1400

3.58  
34  
FO.2

43  
3.78  
CO.5

1400

37  
2.73  
C 1.6

70  
2.63  
C 4.4

0450

3.43  
33  
FO.1

45  
3.24  
C 1.3

Congress  
opp. cbBc  
2+80

34  
3.28  
CO.1

33  
3.28  
GRADE

2+50

32  
3.37  
FO.2

36  
3.49  
CO.1

Roberts  
Rorer  
Moore  
Morales  
10-25-55  
W.D.# 32265

Rough Grades Hancock Street  
Rosecrans to Camino Del Rio  
2774-D

	27 2.55 C 0.1	37 2.30 C 1.4	1+10	3.11 28 F 0.3	30 2.82 C 0.2
2+50					
	26 2.68 F 0.1	36 2.7 C 1.2	0+90	2.87 28 F 0.1	28 2.60 C 0.2
2+00					
	31 2.81 C 0.3	37 2.64 C 1.1	0+70	28 2.71 C 0.1	30 2.45 C 0.5
1+50					
	35 2.94 C 0.6	28 2.87 22 F 0.6	0+50	29 2.61 C 0.3	28 2.36 C 0.4
1+00					
	43 3.07 C 1.2	29 2.98 F 0.1	opp. cb BC 0+00	29 2.45 C 0.4	28 2.20 C 0.6
0+50			Gainies TBM on Guy Pole → 4.25		
	50 3.20 C 1.8	36 3.15 C 0.4	opp. cb BC 2+85	4.1 2.45 C 1.6	33 2.20 C 1.1
opp. cb BC 0+00 Rosecrans					

Camino Del Rio

cbBC Rt

~~2 + 10.67~~

4.54  
35  
F 1.0

1489.55

4.32  
32  
F 1.1

cbBC Lt

1480.04

4.20  
25  
F 1.7

1470.21

4.10  
26  
F 1.5

4.10  
31  
F 1.0

1430

3.41  
26  
F 0.8

3.10  
29  
F 0.2

Roberts  
Rorer  
Moore  
Morales  
10-25-55  
No. #32265

Rough Grades Jefferson Street  
Roscerans to Camino Del Rio  
2776-D

	42			37	33
	3.82			3.43	3.18
1450	C0.4	3.71	opp. CBC	C0.5	C0.1
		37	0+00		
		GRADE			

	44		Gaines		41
	3.91				2.70
1430	C0.5	38	2+95 Rt		C0.4
		3.79			
		GRADE			

	43			37	
	4.10			3.34	
0+85	C0.2	41	2+90 Lt	C0.4	
		3.97			
		C0.1			

	43			38	39
	4.30			3.71	3.40
0+40	GRADE	41	2+70	C0.4	C0.5
		4.15			
		F0.1			

	46			43	38
	4.43			3.54	3.50
0+20	C0.2	44	2+30	C0.8	C0.3
		4.40			
		42			
		F0.2			

	46			41	37
	4.65			3.68	3.61
Prop. Roscerans	44	46	1+90	C0.4	C0.1
0+00	F0.3	3.90 TP			
		F0.8			

455

10-25-55

2+80 Lt	4.27 42 F0.1	<del>////</del>	0+90	4.88 40 F0.9	4.64 43 F0.3
---------	--------------------	-----------------	------	--------------------	--------------------

2+501	4.18 41 F0.1	42 3.93 C0.3	0+70	4.79 42 F0.6	4.54 43 F0.2
-------	--------------------	--------------------	------	--------------------	--------------------

2+00	38 4.03 F0.2	43 3.78 C0.5	0+35	4.68 39 F0.8	4.44 41 F0.3
------	--------------------	--------------------	------	--------------------	--------------------

1+50	40 3.88 C0.1	40 3.63 C0.4	opp. cb DC 0+00 Lt	4.58 41 F0.5	<del>////</del>
------	--------------------	--------------------	-----------------------	--------------------	-----------------

1+00	38 3.73 C0.1	36 3.48 C0.1	0-07.16 Rt <del>////</del>		4.31 41 F0.2
------	--------------------	--------------------	----------------------------	--	--------------------

0+50	40 3.58 C0.4	41 3.33 C0.8	Riley 2+87.16 Rt <del>////</del>		4.44 4.04 C0.4
------	--------------------	--------------------	-------------------------------------	--	----------------------

15

15



Camino de Rib

or. 6 Bc  
17 9154 Rt

~~|||||~~

6.27  
59  
F0.4

1783.51 Lt

5.88  
41  
F1.8

~~|||||~~

1750

5.45  
42  
F1.3

56  
5.45  
00.1

1730

5.21  
41  
F1.1

5.10  
42  
F0.9

1710

5.02  
39  
F1.1

4.83  
43  
F0.5

Roberts  
Rover  
Moore  
Moralet  
10-27-55  
W.O.#32265

Rough Grades Kurtz Street  
Rosecrans to Camino Del Rio  
2772-D

• 78.68C 26  
2+28.56

3.47  
26  
F0.9

3.05  
20  
F1.1

2+00

3.41  
19  
F1.5

2.99  
22  
F0.8

1+50

3.31  
26  
F0.7

47  
2.86  
C1.8

1+00

3.20  
22  
F1.0

30  
2.73  
C0.3

2+98.24 R ~~|||||~~

3.80  
30  
F0.8

0+50

3.09  
23  
F0.8

27  
2.60  
C0.1

2+68.56 R ~~|||||~~

3.5  
3.40  
C0.1

Rosecrans  
0+00

2.98  
26  
F0.4

27  
3.47  
C0.2

2+48.56 R ~~|||||~~

42  
3.15  
C1.0

Riberti  
Rorer  
Moore  
Moralez  
10-27-55  
W.O. #32265

Curb Stakes Smith Street  
Korte to Pacific Hwy.  
2777-D

0+75	2.40 225 F0.15	2.39 1.45 F0.94	2+25	3.21 279 F0.42	3.58 326 F0.32
0+50	2.27 218 F0.09	2.20 2.19 C0.01	2+00	3.23 3.08 C0.15	3.38 295 F0.43
0+25	2.13 195 F0.18	2.12 1.99 C0.13	1+75	2.94 274 F0.20	3.18 239 F0.79
cb Bl Korte 0+00	2.00 174 F0.26	1.90 1.80 C0.10	1+50	2.81 243 F0.38	2.99 231 F0.68
#2	1.96 155 F0.41	2.75 1.77 C0.98	1+25	2.67 251 F0.16	2.79 210 F0.69
#1	1.90 170 F0.20	2.26 1.71 C0.55	1+00	2.54 244 F0.10	2.77 2.59 197 F0.62



Pacific Hwy  
Exit 66 on Rt  
2+74.5

3.48

3.51

~~|||||~~

2+50

3.35

262

F 0.73

~~|||||~~

cb BC on Rt  
2+40.51

~~|||||~~

3.70

274

F 0.96

Roberts  
Rorer  
Moore  
10-28-55  
NO# 32440

Rough Grades Lyncheon Street  
Ocean View to Franklin  
2818-D

ABCDEF

1442.73 EVC

97.19 ✓  
96.8 ✓  
F 0.4

99.2 ✓  
97.69  
C 1.5

3+62.73  
Invert

96.90  
90.79  
C 6.11

99.97  
87.48  
C 12.49

1422.73

97.6  
97.34 ✓  
C 0.3 ✓

100.1 ✓  
97.84  
C 2.3

Cb Grade  
3+62.73

96.90  
96.13  
C 0.77 GRADE

96.16  
96.13  
99.97 ✓  
96.63  
C 3.34

1402.73

97.9  
97.56  
C 0.3 ✓

100.1 ✓  
98.11  
C 2.0

3+42.73 PK

96.8 ✓  
96.18  
C 0.6

99.9 ✓  
96.68  
C 3.2

0+82.73

98.6  
97.89  
C 0.7 ✓

99.9 ✓  
98.50  
C 1.4

2+92.73

97.0 ✓  
96.43  
C 0.6

98.3 ✓  
96.93  
C 1.4

0+62.73 PK

98.6 ✓  
98.30  
C 0.3

100.5 ✓  
99.00  
C 1.5

2+42.73

97.0 ✓  
96.68  
C 0.3

98.0 ✓  
97.18  
C 0.8

opp. Cb BC  
0+00  
Ocean View

100.1  
99.76  
C 0.03 ✓

101.3  
100.74  
C 0.6  
101.3  
100.7  
C 0.6

1+92.73

96.93  
95.8 ✓  
F 1.1

99.1 ✓  
97.43  
C 1.7

100.75 chisel +

BM SWBP

Ocean View ~~474~~ - 116.49

5450

~~97.70~~ 985 996 ✓  
~~959~~ 9770 98.20  
C 0.8 C 1.4  
F 1.8

108.96 SW 7' C.T.  
Franklin § 47

5400

945

~~97.20~~ 976 1003 ✓  
~~939~~ 9720 97.70  
C 0.4 C 2.6  
F 3.3

4450

(95.2)

~~96.70~~ 9722 976 ✓  
~~940~~ 96.70 97.20  
C 0.5 C 0.4  
F 3.7

~~872~~

4+22.73 EVC

~~96.43~~ 9740 975  
~~929~~ 96.43 96.9  
C 1.0 945 C 0.6  
F 3.5 F 2.4

4+02.73

~~96.26~~ 9668 96.76 96.8  
~~919~~ 9626 943 966  
C 0.4 F 2.5 F 0.2  
F 4.4

3+82.73

~~96.16~~ 96.6 988 ✓  
~~907~~ 96.16 96.66  
C 0.4 C 2.1  
F 3.5

opp. ch. BC

5+86.84

Franklin

97.1

~~98.08~~  
~~978~~  
F 0.3

978  
98.1  
F 0.3

98.58 ✓  
980 ✓  
F 0.6

3 91.6  
90.7

Roberts  
11-1-55

Corb Grades Moore Street  
Rosecrans to Camino Del Rio

0+75	3.42 273 F0.69	3.46 294 F0.52	2+25	2.68 2.52 C0.16	2.65 248 F0.19
0+50	3.57 298 F0.59	3.60 326 F0.34	2+00	2.67 245 F0.22	3.29 2.79 C0.50
0+25	3.72 372 GRADE	376 3.73 C0.03	1+75	2.82 253 F0.29	2.92 295 C0.03
ECC6 0+00	3.87 364 F0.23	3.87 337 F0.50	1+50	2.97 257 F0.40	3.06 302 F0.04
#2	3.95 353 F0.42	3.92 355 F0.37	1+25	3.12 311 F0.01	3.19 278 F0.41
End #1 Corb Rosecrans	3.98 358 F0.40	3.95 369 F0.26	1+00	3.27 243 F0.84	3.33 274 F0.39

#2

~~2.67~~339  
2.31  
C 1.08

0+25

301  
2.31  
C 0.70250  
~~38~~  
2122.50  
246  
F 0.04

#1

~~2.10~~230  
201  
F 0.29C 6 BC  
0+00298  
2.23  
C 0.75243  
38  
2052.43  
2.15  
F 0.28C 6 BC Lt  
2+95 (2=Rad)296  
2.12  
C 0.84~~2.24  
178  
F 0.46~~

#2

302  
2.20  
C 0.822.39  
2.31  
C 0.08~~C 6 BC Lt  
2+85~~~~2.16~~~~2.31  
187  
F 0.44~~

#1

280  
2.14  
C 0.662.39  
2.15  
F 0.24

2+75

351  
2.22  
C 1.29299  
2.38  
C 0.61

EC combines

2.85  
2.12  
C 0.732.43  
2.04  
F 0.39

2+50

354  
2.37  
C 1.17272  
2.52  
C 0.20

EC combines

286  
2.042.33  
2.17  
F 0.16



1+75

298  
2.79  
C0.19

348  
2.95  
C0.53

EC Lt → 3.22  
2.45  
F0.77

Riley  
Endobrt  
#2

~~3.22~~  
~~3.18~~  
F0.12

334  
3.33  
C0.01

1+50

308  
2.71  
C0.37

2.88  
2.80  
F0.08

cb&lt  
2+90

3.15  
2.28  
F0.87

#1

~~3.15~~  
~~3.24~~  
F0.31

3.29  
3.15  
F0.14

1+25

274  
2.63  
C0.11

290  
2.80  
C0.10

~~cb&lt~~  
2+80

3.12  
2.92  
F0.20

2+75

3.26  
3.28  
C0.02

1+00

291  
2.55  
C0.36

306  
2.73  
C0.33

2+50

3.18  
3.03  
C0.15

3.50  
3.18  
C0.32

0+75

294  
2.47  
C0.47

299  
2.65  
C0.34

2+25

3.22  
2.95  
C0.27

3.31  
3.10  
C0.21

0+50

295  
2.39  
C0.56

2.58  
2.49  
F0.09

2+00

3.13  
2.87  
C0.26

3.57  
3.03  
C0.54

End cb Rt  
#1



5.00  
466 7.63  
F0.34

#1 on Lt En cb  
0+66.63 cb BC Rt

4.73  
322  
F1.51

4.75  
459 7.60  
F0.36

cb BC Lt  
0+42.07

4.70  
322  
F1.48

4.70  
453  
F0.17

cb BC  
0+00

3.69  
299  
F0.70

3.75  
291  
F0.84

#1

3.47  
271  
F0.76

3.60  
273  
F0.87

End cb  
#2

3.35  
302  
F0.33

3.55  
312  
F0.43

Roberts  
4-2-55

Corb Grades Gaines  
Jefferson to Congress

1+05

356  
345  
F 0.11

374  
351  
F 0.23

2+60

337  
324  
F 0.13

347  
275  
F 0.72

0+80

348  
337  
F 0.11

461  
348 ✓  
C 1.13

2+30

354  
346  
C 0.08

367  
303  
F 0.67

0+55

341  
333  
F 0.08

443  
322  
C 1.21

2+00

355  
327  
F 0.28

386  
302  
F 0.84

0+30

333  
327  
F 0.06

452  
296  
C 1.56

1+70 EVC

364  
315  
F 0.79

447  
407  
C 0.40

cberrt  
0+05

325  
258  
F 0.67

331  
270  
C 0.61

1+50

367  
349  
F 0.18

411  
365  
F 0.46

~~0+00~~  
0+00 Prop

1+30 PVC

364  
344  
F 0.20

400  
356  
F 0.44

Curb Grades Gaines  
Moore to Jefferson

				338
			2.80	2.70
		1+25	270	C 0.68
			F 0.10	

				353
			2.73	2.63
		1+00	2.68	C 0.90
			F 0.05	

				310
			2.84	2.55
		0+75	2.65	C 0.55
			C 0.19	

				278
			3.15	2.78
		0+50	2.58	C 0.30
			C 0.57	

#1	3.28	3.20		2.77	344
	325	287		2.50	2.40
	F 0.03	F 0.33	0+25	C 0.27	C 1.04

2+90 <sup>cb BC</sup>	3.28	3.28	cb BC		
	268	252	0+00	2.43	2.33
	F 0.60	F 0.76			

cb BC Lt  
2+80

3.27  
297  
F0.30

2+50

3.20  
3.18  
C0.02

3.30  
3.08  
C0.22

2+25

3.10  
3.06  
F0.04

3.55  
3.00  
C0.55

2+00

3.03  
296  
F0.07

3.23  
2.93  
C0.30

Ec Lt

373  
3.43  
C0.30

1+75

2.95  
2.64  
F0.31

2.86  
2.85  
C0.01

#2 Lt

391  
3.40  
C0.51

1+50

2.88  
2.77  
F0.11

2.83  
2.78  
C0.05

\*1 Lt  
2+90 cb BC RT

380  
3.30  
C0.50

3.20  
3.05  
F0.15

11-3-55  
Roberts

Cb Grades Gaines  
Hancock to Moore

0 + 80 PVC	191 1.79 C 0.12	247 1.72 C 0.75	4 <sup>th</sup> Rd 1464 St.	253 1.74 C 0.79	261 1.64 C 0.97
------------	-----------------------	-----------------------	--------------------------------	-----------------------	-----------------------

0 + 45	206 1.94 C 0.12	359 1.91 C 1.68	1 <sup>st</sup> Rd 1464 Alley	253 1.83 C 0.70	261 1.73 C 0.88
--------	-----------------------	-----------------------	----------------------------------	-----------------------	-----------------------

BC 0 + 10	259 2.10 C 0.49	<del>                    </del>	4 <sup>th</sup> Rd 1436 Alley	1.77 1.75 F 0.02	1.67 1.22 F 0.45
-----------	-----------------------	---------------------------------	----------------------------------	------------------------	------------------------

0 + 00 Rt Prop # 2 Lt	268 2.13 C 0.55	299 2.15 C 0.84	4 <sup>th</sup> Rd. 1436 St	1.69 ✓	1.59 ✓
--------------------------	-----------------------	-----------------------	--------------------------------	-----------	-----------

# 1 Lt	275 2.16 C 0.59		1420	<del>1.69</del>	<del>1.59</del>
--------	-----------------------	--	------	-----------------	-----------------

EC Lt	265 2.20 C 0.45		1400	1.72 1.53 F 0.19	266 1.64 C 1.02
-------	-----------------------	--	------	------------------------	-----------------------

11-4-55  
Roberts

Curb Grades Jefferson  
Gaines to Riley

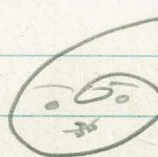
3+00 Rt



2.87  
2.04  
C 0.83

1+00

2.71  
3.17  
F 0.54



3.73  
3.46  
C 0.27

2+90 Lt

2.12  
2.12



0+75

3.64  
3.36  
F 0.28

3.58  
3.38  
C 0.20

2+75

2.77  
2.07  
C 0.70

2.98  
1.97  
C 1.01

0+50

3.80  
3.56  
C 0.24

3.59  
3.31  
C 0.28

2+50

2.18  
2.00  
C 0.18

3.63  
1.90  
C 1.73

0+25

3.85  
3.49  
C 0.36

3.57  
3.23  
C 0.34

2+25

2.19  
1.92  
C 0.27

2.63  
1.82  
C 0.81

EC Lt  
0+05

3.72  
3.43  
C 0.30



2+00

2.18  
1.85  
C 0.33

2.99  
1.75  
C 1.24

EC Rt  
0+00



3.16  
3.06  
F 0.10

2+50

4.16  
366  
F0.50

394  
3.91  
C0.03

933

2+25

4.09  
339  
F0.70

3.83  
380  
F0.03

2+00

4.01  
378  
F0.23

4.12  
3.76  
C0.36

#2 Lt

4.34  
4.05  
F0.29

1+75

3.94  
358  
F0.36

3.86  
3.68  
C0.18

#1 Lt

2+92.16 BCRT

4.29  
3.34  
F0.95

4.04  
3.97  
F0.07

1+50

3.86  
3.18  
F0.68

3.80  
3.61  
C0.19

BC Lt

2+85

4.29  
3.35  
F0.92

~~4.27~~  
~~3.32~~  
F0.75

1+25

3.79  
333  
F0.46

3.72  
3.53  
C0.19

2+75

4.24  
3.65  
F0.59

4.56  
3.98  
C0.58



11-7-55  
Roberts

Curb Grades Jefferson  
Riley to Camino Del Rio

1+00	4.88	4.64
	401	436
	F 0.87	F 0.28

0+80 P/C	4.79	4.54
	421	411
	F 0.58	F 0.43

0+45	4.68	4.44
	406	378
	F 0.62	F 0.66

0+22 RT 0+10 Lt CB BC	4.66 4.58 C 0.08	4.31 397 F 0.34
--------------------------	------------------------	-----------------------

#2	4.56	////
	428	////
	F 0.28	////

#, End cb	4.53	////
	429	////
	F 0.24	////

Prop  
0+00

#1 End	6.05	6.55
cb	379	561
	F 2.26	F 0.94

2+05.27 RT BC	6.00	6.50	6.50
1+93.51 Lt	431	565	539
	F 1.69	F 0.85	F 1.11

1+85 R only	688	670
	602	602
	C 0.86	C 0.68

1+60 E/C	5.45	5.45
	386	535
	F 1.59	F 0.10

1+40	5.21	5.10
	401	411
	F 1.20	F 0.99

1+20	5.02	4.83
	403	413
	F 0.99	F 0.70

11-8-65

Curb Grades Hancock  
Rosecrans to Geines

0+75	3.01 234 F0.67	2.89 267 F0.22	2+25	301 2.62 C0.39	245 2.58 C0.07
0+50	336 3.07 C0.29	2.98 264 F0.34	2+00	274 2.68 C0.06	247 246 F0.01
0+25	329 3.14 C0.15	3.06 303 F0.03	1+75	2.75 273 F0.02	306 2.55 C0.51
cb BC 0+00	525 3.20 C2.05	337 3.20 C0.17	1+50	316 2.81 C0.35	2.64 232 F0.32
#2	371 3.23 C0.48	3.15 3.15 245 243 F0.70 F0.72	1+25	307 2.89 C0.18	2.64 226 232 F0.32
#1	371 3.23 C0.48	3.18 256 F0.62	1+00	307 2.89 C0.18	2.72 238 F0.34
	369 3.24 C0.75	3.19 267 F0.52		327 2.94 C0.33	2.81 222 F0.59

Hancock  
Gaines to Camino Del Rio

			0+70	286 271 C0.15	2.45 2.15 F0.30
#2 Lt	250 2.35 C0.15	<del>2.18 145 F0.73</del>	0+50 P/C	294 261 C0.33	2.36 2.07 F0.29
2+95 C6BC Rt #1 Lt	262 2.40 C0.22	2.18 145 F0.73	0+25	269 2.53 C0.16	2.28 1.89 F0.39
2+85 Lt C6BC	267 2.45 C0.22	<del>2.18 145 F0.73</del>	0+00 C6BC	2.45 234 F0.11	2.66 2.20
2+75	262 2.49 C0.13	2.22 193 F0.29	#2	2.44 226 F0.18	←
2+50	2.55 240 F0.15	2.30 183 F0.47	#1	2.48 263 C0.20	←

2110.67cbB(R)  
#1 Lt

4.25  
308  
F 1.17

4.54  
340  
F 1.14

1789.55 Rt  
1780.04cbB(R)

4.20  
297  
F 1.23

4.32  
312  
F 1.20

1770.21

4.10  
267  
F 1.43

4.10  
327  
F 0.83

1430 EVC

3.41  
245  
F 0.96

3.10  
245  
F 0.65

1710

3.11  
291  
F 0.20

2.82  
221  
F 0.61

0490

2.87  
289  
0.002

2.60  
213  
F 0.47

#1 Rt

4.56  
340  
F 1.16

11-14-55  
Roberts

Curb Grades Jefferson  
Rosterans to Gaines

K.A.D.

1+15

3.97  
3.66  
F0.31

~~3.85 3.85~~  
~~3.70 3.71~~  
F0.15 F0.14

Street

3.70  
2.98  
F0.72

0+90

4.08  
3.82  
F0.26

~~3.95 3.95~~  
~~3.89 3.88~~  
F0.06 F0.07

Alley Rd  
1+51.93 Alley

3.75  
2.98  
F0.77

0+65

4.19  
4.02  
F0.17

~~4.05 4.05~~  
~~3.92 3.93~~  
F0.13 F0.12

1+40

4.07  
3.86  
C0.21

0+40

4.30  
4.07  
F0.23

~~4.15 4.15~~  
~~3.91 3.87~~  
F0.24 F0.28

END Alley Rd

3.81  
3.25  
F0.56

0+20

4.43  
4.05  
F0.38

~~4.40 4.40~~  
~~3.86 3.99~~  
F0.54 F0.71

END Alley Rd

3.89  
3.69  
F0.20

R. Rosterans  
0+00

4.65  
3.98  
F0.67

~~4.65 4.65~~  
~~3.62 3.90~~  
F1.03 F0.75

Alley Rd  
1+27.93 Street

Alley

3.83  
3.42  
F0.71

~~3.78 3.78~~  
~~3.42 3.69~~  
F0.36 F0.09

Handwritten scribbles at the top of the page.

2+90  
3.35  
2.96  
F0.39

2+65  
3.43  
3.22  
F0.21

2+40  
3.52  
3.40  
F0.12

2+15  
3.89  
3.60  
C0.29

1+90  
4.18  
3.69  
C0.49

H65  
3.77  
3.72  
F0.05

Diagonal hatching lines.

2.91  
2.52  
F0.39

3.09  
2.96  
F0.13

3.26  
2.98  
F0.28

3.44  
3.40  
F0.04

3.61  
3.32  
F0.29

2+99.80<sup>clbc</sup><sub>lt</sub>  
3.30  
3.00  
F0.30

2+94.80<sup>clbc</sup><sub>rt</sub>



2.70  
2.06  
F0.64

Diagonal hatching lines.

Diagonal hatching lines.

11-23-55

Grades Kurtz Street  
Rosecrans to Camino Del Rio

0+75	gt 2.41 221 F0.20	cb 2.65 211 F0.54	cb BC Lt cb 3.47 226 ↓ 226 2+28.56 F1.21 F0.54	cb 3.05 163 F1.42
0+50	gt 2.35 224 F0.11	cb 2.59 202 F0.57	2+00	gt 2.72 226 F0.46
0+25	248 gt 2.29 C0.19	cb 2.53 229 F0.24	1+75	gt 2.66 231 F0.35
RL Rosecrans 0+00			1+50	gt 2.60 241 F0.19
2' Rad 0-01.20 Rt		↑ 248 268 cb 2.46 2.46 C0.02 C0.22	1+25	gt 2.54 246 F0.08
2' Rad 0-07.24 Lt	cb 2.90 263 F0.27	↑ 263 gt 2.15 C0.48 	1+00	250 gt 2.48 C0.02
				cb 2.72 223 F0.49

Roberts  
12-9-55

Stake Storm Drain La Jolla Blvd,  
Between Camino del la Costa and  
La Canada  
5467-B

Ely Line  
1+12.3 LJBld

7490  
62.04  
C 12.86

1+00

7450  
61.30  
C 13.20

0+75

7427  
59.80  
C 14.47

0+50

7422  
58.30  
C 15.92

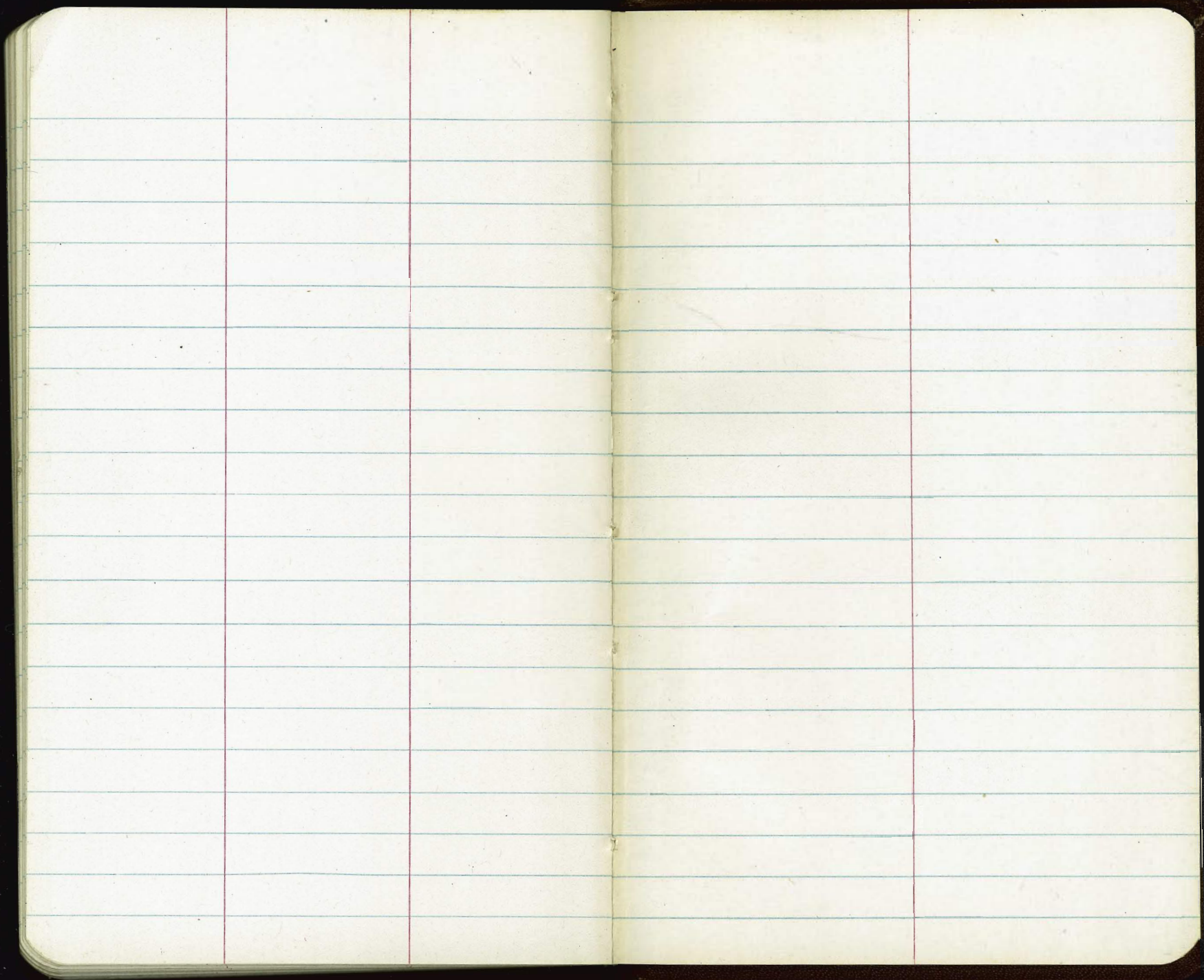
0+25

7364  
56.80  
C 16.84

Clean out  
0+00 wly side L.J. Blvd.

55.30 TBM  
✓

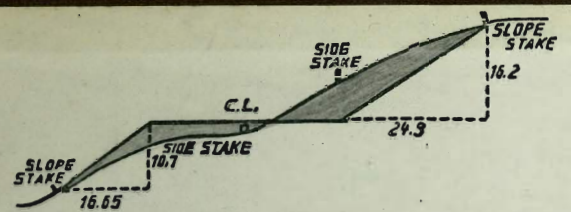




Handwritten calculations and diagrams on the left page of the notebook. The page is filled with numerous vertical arithmetic problems, each starting with '300' and involving subtraction of various numbers. Some examples include:

- $300 - 189 = 111$
- $300 - 284 = 16$
- $300 - 276 = 24$
- $300 - 288 = 12$
- $300 - 243 = 57$
- $300 - 291 = 9$
- $300 - 246 = 54$
- $300 - 274 = 26$
- $300 - 238 = 62$
- $300 - 269 = 31$
- $300 - 250 = 50$
- $300 - 281 = 19$
- $300 - 130 = 170$
- $300 - 256 = 44$

There are also several diagrams, including a large one in the center showing a cross-section of a roadway with a central line (C.L.) and side stakes. The diagram is annotated with various numbers and arrows, likely representing distances or measurements. Other smaller diagrams and numbers are scattered throughout the page.



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.  
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

THE NATIONAL BLANK BOOK COMPANY  
 HOLYOKE MASSACHUSETTS  
 NEW YORK CHICAGO BOSTON SAN FRANCISCO