Notes, Ck'd by
Map No.
Work

Survey of MARINA DEL REY
JN 8910.72 Tape Std °F
Surveyed by G.E. DREIER
Notes Date 11-12-57
Indexed E. O. Johnson 12-5-57

F. B. 2422 Pg. 5

JOB NO 8910.72

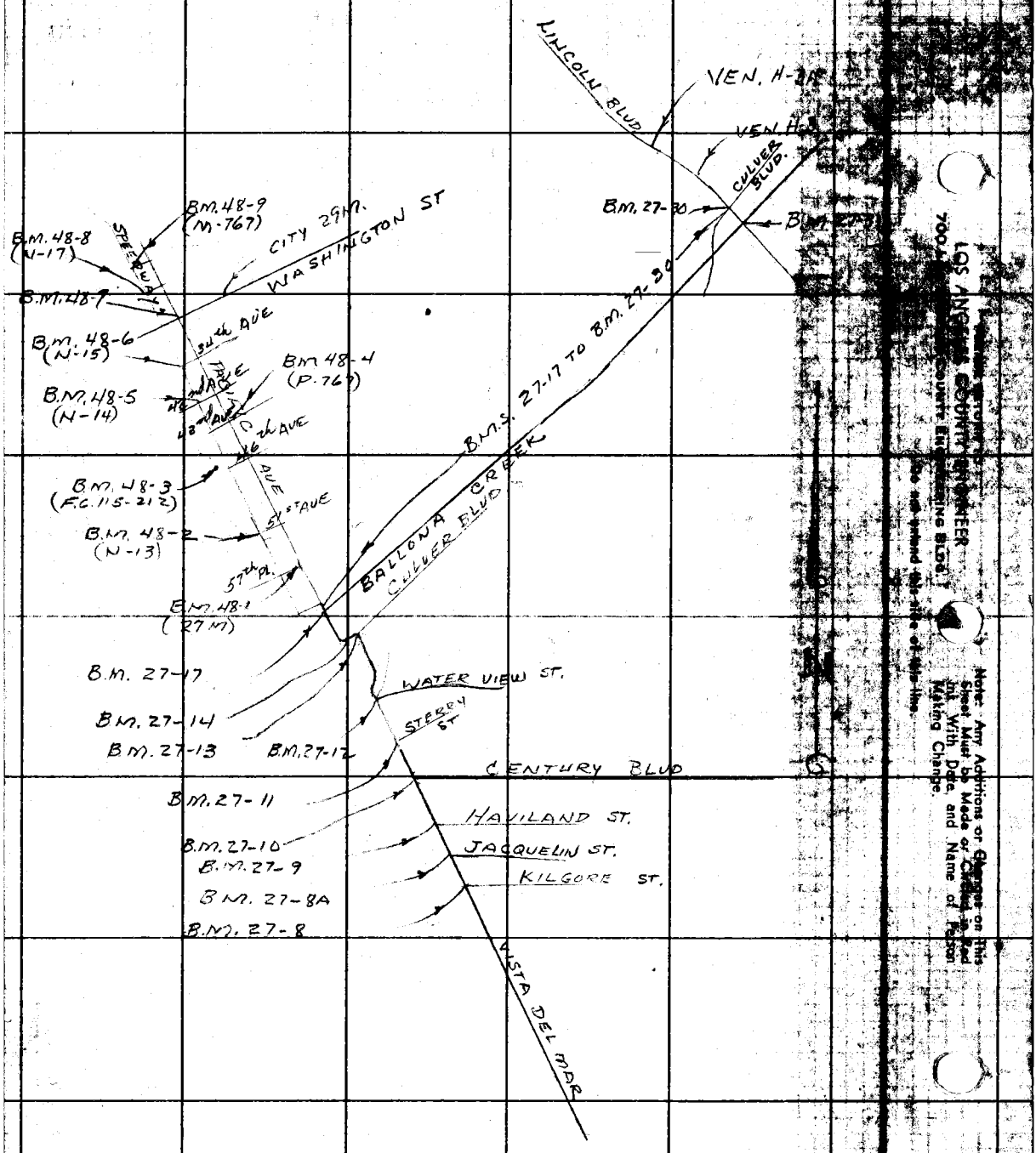
MARINA DEL REY

RUN OF PORTIONS OF PRECISE LEVEL LINES NO. 648, AND ADDITIONAL CITY OF L.A. B.M.S

DREIER
MOODY
OHASHI
CERICOLA
LATTERI

Microfilmed Nov. '85

F. B. 2422 Pg. 6



Note: Any Additions or Changes on This Sheet Must be Made or Checked in Red Ink With Date, and Name of Person Making Change.

LOS ANGELES COUNTY ENGINEER
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76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No NK.142552
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-8 To B.M. 27-10
Date 10-21-57
Indexed M. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.640		622		#15	5.543		623		B.M. 27-8 (CITY L.A., VENICE H-8D)
	7.018		626			4.920		621		VISTA DEL MAR & KILGORE ST
	6.392		1.248 ✓			4.299 ✓		1.244 ✓		SEE F.B. 1393-11 FOR DESC.
1	21.050 ✓	7.017 ✓		1,248	73°	14.762 ✓	4.921 ✓		1,244 ✓	
	5.862		507			5.589		525		
	5.355		507			5.064		525		T J. MOODY +12.372
	4.848		1.014 ✓			4.539 ✓		1.050 ✓		- 9.985
2	16.065 ✓	5.355 ✓		2,262 ✓		15.192 ✓	5.064 ✓		2,294 ✓	+ 2.387 ✓
		12.372 ✓					9.985 ✓			
										B.M. 27-8A (U.S. 3797) CITY LA. SPK
										VISTA DEL MAR & JACQUELIN ST
										SEE F.B. 1393-11 FOR DESC.
	6.570		629			5.548		630		
	5.941		629			4.918		628		
	5.312 ✓		1.258 ✓			4.290 ✓		1.258 ✓		
3	17.823 ✓	5.941 ✓		3.520 ✓		14.756 ✓	4.919 ✓		3.552 ✓	
	5.842		622			5.103		625		
	5.220		621			4.478		626		
	4.599		1.243 ✓			3.852		1.251 ✓		
4	15.661 ✓	5.220 ✓		4.763 ✓		13.433 ✓	4.478 ✓		4.803 ✓	
		11.161 ✓					9.397 ✓			

F.B. 2422 P.G. 7

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Chief of Party G. E. DREIER Weather HAZE Inst. No NK.142552
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 102-8 To B.M. 27-10
Date 11-21-57
Indexed A. C. Johnson

F.B. 2422 P.G. 8

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.328	11.161 ✓	702	4.763 ✓		5676	9.397 ✓	717	4.803 ✓	+ 16.787 ✓
	5.626		702			4.959		714		- 14.357 ✓
	4.924		1404 ✓			4.245		1.431 ✓		+ 2.430 ✓
5	16.878 ✓	5.626 ✓		6.167 ✓		14.880 ✓	4.960 ✓		6.234 ✓	
		16.787 ✓					14.357 ✓			B.M. 27-9 (U.S. 3796, T-767, 1945)
										VISTA DEL MAR & HAVILAND ST.
										SEE F.B. 373-12 FOR DESC.
	6.507		629			5690		623		
	5878		626			5.067		621		
	5252		1.255 ✓			4.446		1.244 ✓		
6	17.637 ✓	5.879 ✓		7.422 ✓		15.203 ✓	5.068 ✓		7.478 ✓	
	5.572		621			4.954		623		
	4.951		620			4.331		621		
	4.331 ✓		1.241 ✓			3.710 ✓		1.244 ✓		
7	14.854 ✓	4.951 ✓		8.663 ✓		12.995 ✓	4.332 ✓		8.722 ✓	
	6550		631			5682		621		
	5.919		628			5.061		620		
	5291 ✓		1.259 ✓			4.441 ✓		1.241 ✓		
8	17.760 ✓	5.920 ✓		9.922 ✓		15.184 ✓	5.061 ✓		9.963 ✓	
		16.750 ✓					14.461 ✓			

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 89.10.72
From B.M. 27-8 To B.M. 27-10
Date 11-21-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
9	5.801 5.177 4.550 15.528 ✓	16.750 ✓ 5.176 ✓	624 627 1.251 ✓	9.922 ✓ 11.173 ✓		5.141 4.511 3.883 13.535 ✓	14.461 ✓ 4.512 ✓	630 628 1.258 ✓	9.963 ✓ 11.221 ✓	
10	5.828 5.202 4.578 15.608 ✓	5.203 ✓	626 624 1.250 ✓	12.423 ✓		5.060 4.435 3.807 13.302 ✓	14.434 ✓	625 628 1.253 ✓	12.474 ✓	
11	5.595 5.087 4.585 15.262 ✓ 32.216 ✓	5.087 ✓	503 502 1.005 ✓	13.428 ✓		5.080 4.568 4.055 13.703 ✓ 27.975 ✓	4.568 ✓	512 513 1.025 ✓	13.499 ✓	+32.216 ✓ -27.975 ✓ +4.241 ✓
										B.M. 27-9A (U.S.C.&G.S.) CITY L.A. SPK. VISTA DEL MAR & DERUVILLE ST. SEE F.B. 393-13 FOR DESC.
12	6.589 5.961 5.334 17.884 ✓	5.961 ✓	628 627 1.255 ✓	14.683 ✓		5.681 5.060 4.439 15.180 ✓	5.060 ✓	621 621 1.242 ✓	14.741 ✓	

F.B. 2022 P.G. 9

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-8 To B.M. 27-10
Date 11-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.168	5.961 ✓	628	14.683		5.850	5.060 ✓	627	14.741 ✓	
	5.540		624	✓		5.223		625		
	4.916		1.252 ✓			4.598		1.252 ✓		
13	16.624 ✓	5.541 ✓		15.935 ✓		15.671 ✓	5.224 ✓		15.993 ✓	
	6.393		625			7.186		626		
	5.768		626			6.560		623		
	5.142 ✓		1.251 ✓			5.937 ✓		1.249 ✓		
14	17.303 ✓	5.768 ✓		17.186 ✓		19.683 ✓	6.561 ✓		17.242 ✓	
	5.847		625			9.754		626		+ 26.455 ✓
	5.218		627			9.128		626		- 32.565 ✓
	4.591 ✓		1.252 ✓			8.502 ✓		1.252 ✓		- 6.110 ✓
15	15.656 ✓	5.219 ✓		18.438 ✓		27.384 ✓	9.128 ✓		18.494 ✓	
	4.510		544			7.107		516		
	3.966		545			6.591		513		B.M. 27-10 (U.S. 3793, R-767 1945)
	3.421 ✓		1.089 ✓			6.078 ✓		1.029 ✓		VISTA DEL MAR S. OF W. CENTURY ✓
16	11.897 ✓	3.966 ✓		19.527 ✓		19.776 ✓	6.592 ✓		19.523 ✓	SEE F.B. 1393-14 FOR DESC.
		26.455 ✓					32.565 ✓		19.527 ✓	
									39.050 ✓	
									= 0.74 m. ✓ .015	

F.B. 2422 P.G. 10

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. Nr 142552
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-8
Date 11-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6855		524			4239		535		B.M. 27-10 (U.S. 3793, R-767 1945)
	6.331		521			3.704		634		VISTA DEL MAR, S. OF W. CENTURY
	5.810		1.045			3.170		1.169		SEE F.B. 1393-14 FOR DESC.
18 1	24.996	6.332		1.045		11.113	3.704		1.169	
	9958		627			6052		626		
	9.331		624			5.426		627		
	8.707		1.251			4.799		1.253		
2	27.996	9.332		2.296		16.277	5.426		2.422	
	7.179		624			6.391		627		
	6.555		627			5.764		626		
	5.928		1.251			5138		1.253		
3	19.662	6.554		3.547		17.293	5.764		3.675	
	5.817		625			6.140		627		
	5.192		623			5.513		626		
	4.569		1.248			4.887		1.253		
4	15.578	5.193		4.795		16.540	5.513		4.928	
	5539		632			6.422		612		+ 32.317
	4907		636			5.810		611		− 26.217
	4.271		1.268			5.199		1.223		+ 6.100
5	14.717	4.906		6.063		17.431	5.810		6.151	
		32.317					26.217			

F.B. 2422 P.G. 11

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. Nr 142552
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No. 15816

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-8
Date 11-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				6063					6163	B.M. 27-9A (U.S. 3795, CITY L.A. SPK) VISTA DEL MAR & DEAVILLE ST. SEE F.B. 1393-13 FOR DESC.
6	4958 4.438 3918 13.314	4.438	520 520 1.040	7.103		5451 4958 4.467 14.876	4.959	493 491 984	7.145	
7	5031 4.402 3.774 13.207	4.402	629 628 1.257	8.360		5798 5.175 4.552 15.525	5.175	623 623 1.246	8.381	
8	5.070 4.442 3.818 13.330	4.443	628 624 1.252	9.612		5738 5.110 4.481 15.329	5.110	628 629 1.257	9.648	
9	5.675 5.050 4.422 15.147	5.049 18.332	625 628 1.253	10.865		6532 5.907 5282 17.721	5.907 21.151	625 625 1250	10.888	

F.B. 2422 P.G. 12

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No. N-142552
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-8
Date 11-21-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.902	18.332	620	10.865		5.532	21.151	624	10.888	
	4.282		621			4.908		627		
	3.661		1241			4.281		1251		
10	12.845	4.282		12.106		14.721	4.907		12.149	
	5749		622			6568		629		+ 27.740
	5127		624			5939		627		- 31.998
	4503		1246			5312		1256		- 4258
11	15379	5.126		13352		17819	5.940		13405	
	27.740					31.998				
										B.M. 27-9 (U.S. 3796, T-767 1945) VISTA DEL MAR & HAVILAND ST. SEE F.B. 1393-'12 FOR DESC.
	5.700		725			6331		690		
	4.975		727			5.641		688		
	4.248		1452			4.953		1378		
12	14.923	4.974		14.804		16.925	5.642		14.783	F.B. 2422 P.G. 13
	5.070		622			5.817		625		
	4.448		624			5.192		622		
	3.824		1246			4.570		1247		
13	13.342	4.447		16.050		15.579	5.193		16.080	
	9.421					10.835				

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Chief of Party G. E. DREIER Weather HAZE Inst. No NR 142552
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 89 10.22
From B.M. 27-10 To B.M. 27-8
Date 11-21-51
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5607	9.421	630	16.050		6.631	10835	629	16.0302	+14.399
	4.979		628			6.002		625		-16.838
	4349		1258			5377		1,254		-2.439
14	14.933	4.978		17.308		18.010	6.003		17.284	
		14.399					16.838			B.M. 27-8A (U.S. 3797, CITY L.A. SPK) VISTA DEL MAR & JACQUELIN ST. SEE F.B. 1393-11 FOR DESC
	5.556		526			5.829		509		+9.949
	5.030		528			5.320		508		-12.338
	4.502		1054			4.812		1017		-2.389
15	15.088	5.029		18.362		15.961	5.320		18.381 291	
	5541		621			7.641		622		
	4.920		621			7.019		624		B.M. 27-8 (CITY L.A. VENICE H-8D) VISTA DEL MAR & KILGORE ST. SEE F.B. 1393-11 FOR DESC.
	4.299		1242			6.395		1246		
16	14.760	4.920		19.604		21.055	7.018		19.547 3	
		9.949					12.338		19.604	
									39.151	
									= 0.74 mi. .015	

F.B. 2422 P.G. 14

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Chief of Party G. E. DREIER Weather THICK HAZE Inst. No. NA-192552
Notes by T. OHASHI Time 8:30 TO 11:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-8A To BM 27-10
Date 11-22-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6608 5981 5354 17.943 ✓	5.981 ✓	627 627 1254 ✓	1254 ✓	#15 ✓ 68°	5587 4957 4328 14.872 ✓	4.957 ✓	630 629 1259 ✓	1259 ✓	B.M. 27-8A (U.S. 3797) City L.A.S.M. VISTA DEL MAR & JACQUELIN ST. SEE F.B. 1393-11 FOR DESC.
2	5647 5021 4397 15.065 ✓	5.022 ✓	626 624 1250 ✓	2504 ✓		4900 4279 3658 12.837 ✓	4.279 ✓	621 621 1242 ✓	2501 ✓	℄ G. E. DREIER
3	6393 5692 4990 17.075 ✓	5.692 ✓	701 702 1403 ✓	3907 ✓		5743 5027 4311 15.081 ✓	5.027 ✓	716 716 1432 ✓	3933 ✓	+16.695 ✓ −14.263 ✓ +2.432 ✓
		16.695 ✓					14.263 ✓			B.M. 27.9 (U.S. 3796, T-767, 1945) VISTA DEL MAR & HAVILAND ST. SEE F.B. 1393-12 FOR DESC.
4	6499 5869 5240 17.608 ✓	5.869 ✓	630 625 1255 ✓	5166 ✓		5677 5053 4432 15.162 ✓	5.054 ✓	624 621 1245 ✓	5178 ✓	

F.B. 2422 P.G. 15

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Chief of Party G. E. DREIER Weather THICK HAZE Inst. No NK142552
Notes by T. OHASHI Time 10:30 11:15 Rod No. 15816

Name MARINA DEL REY
Job No. 3910.72
From BM Z7-8A To BM Z7-10
Date 11-22-57
Indexed A. C. Johnson

F.B. 2422 P.G. 16

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
5	5379 4757 4135 14271	5.869 4.757	622 622 1244	5166 6410		4760 4137 3512 12409	5.054 4.136	623 625 1248	5178 6426	
6	6489 5868 5248 17605	5.868	621 620 1241	7651		5638 5010 4382 15030	5.010	628 628 1256	7682	
7	6016 5402 4789 16207	5.402	614 613 1227	8878		5382 4738 4094 14214	4.738	644 644 1288	8970	
8	5527 5292 4656 15877	5.292	635 634 1269	10147		5139 4520 3899 13558	4.519	619 621 1240	10210	+ 32.172 - 27.922 + 4.250
9	5499 4984 4470 14953	4.984	515 514 1029	11176		4966 4465 3963 13394	4.465	561 562 1063	11213	
		32.172					27.922			

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Chief of Party G. E. DREIER Weather THICK HAZE Inst. No. NK 182552
Notes by T. OHASHI Time 10:30 TO 11:15 Rod No. 15816

Name MARINA DEL REY
Job No. 8910.72
From BM 27-8A To BM 27-10
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				11176					11213	BM. 27-9A (U.S. 3795) (CITY L.A.SDK. VISTA DEL MAR & DEAUVILLE ST. SEE F.B. 1393-13 FOR DESC.
10	6520 5894 5270 17684	5895	626 624 1250	12426		5612 4991 4369 14972	4991	621 622 1243	12456	
11	6010 5385 4760 16155	5385	625 625 1250	13676		5692 5068 4443 15203	5068	624 625 1249	13705	
12	6322 5688 5054 17064	5688	634 634 1268	14944		7097 6480 5862 19439	6480	617 618 1235	14940	
13	3513 2887 2260 8660	2887	626 627 1253	16197		7417 6754 6172 20343	6794	623 622 1245	16185	
		19855					23333			

F.B. 2422 P.G. 17

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK142552
Notes by T. OHASHI Time 10:30 To 11:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-8-A To BM 27-10
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4378	19.855	555	16197		6953	23333	504	16185	BM 27-10 (U.S. 3793, R-767 1945)
	3823		553			6449		504		VISTA DEL MAR S. OF W. CENTURY
	3270		1108			5945		1008		SEE F.B. 1393-14 FOR DESC.
14	11471	3824		17305		19347	6449		17193	
		23679					29782		17305	
									34498	
									51803	014

SUMMATION OF RUN

TOTAL BACKSIGHTS	+ 23.679
TOTAL FORESIGHTS	- 29.782
DIFF IN ELEV.	- 6.103

F.B. 2422 PG. 18

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr 142552
Notes by T. OHASHI Time 9.30 To 10.30 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-10 To B.M. 27-84
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6313 5796 5267 17.370	5.790	523 523 1046	1046	#15 64°	3688 3163 2639 9.490	3.163	525 524 1049	1049	B.M. 27-10 (U.S. 3795, R 767 1945) VISTA DEL MAR, S. OF W. CENTRAL SEE F.B. 1393-14 FOR DESC.
2	7100 6477 5858 19437	6.479	621 621 1242	2288		3202 2572 1944 7.718	2.573	630 628 1258	2307	G. E. DREIER
3	7001 6378 5753 19132	6.377	623 625 1248	3536		6213 5587 4959 16.759	5.586	626 628 1254	3561	
4	5724 5102 4479 15305	5.102	622 623 1245	4781		6050 5421 4793 16264	5.421	629 628 1257	4818	+28.626 -22.522 +6.104 F.B. 2422 P.G. 19
5	5491 4878 4258 14633	4.878	619 620 1239	6020		6407 5779 5152 17338	5.779	628 627 1255	6073	
		28.626					22.522			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr. 142552
Notes by T. OHASHI Time 9:30 To 10:30 Rod No. LS & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-8A
Date 11-22-57
Indexed A. C. Johnson

F.B. 2422 P.G. 20

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										F.M. 27-9A (U.S. 3795 CITY L.A. SPK VISTA DEL MAR & DEAVILLE ST. SEE F.B. 1393-13 FOR DESC.
6	4958 4443 3931 13332	4444	515 512 1027	6020 7047		5467 4964 4462 14893	4964	503 502 1065	6073 7078	
7	5186 4555 3924 13665	4555	631 631 1262	8309		5951 5327 4761 15979	5326	624 626 1250	8328	
8	5120 4488 3858 13466	4489	632 630 1262	9571		5778 5153 4532 15463	5154	625 621 1246	9578	
9	5163 4541 3918 13622	4541	622 623 1245	10816		6026 5399 4771 16196	5399	627 628 1255	10824	
		18029					20843			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 9:30 To 10:30 Rod No. 15E16

Name MARINA DEL REY
Job No. 89.10.72
From BM 27-10 To BM 27-8A
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
10	4851 4230 3608 12689	18.029 4.230	621 622 1243	10.816 12059		5477 4852 4228 14557	20803 14852	625 624 1249	10.829 12078	
11	5708 5082 4458 15248	5.083 27.342	626 624 1250	13309		6527 5897 5270 17694	5.898 31.594 3	624 627 1251	13.339 2	+27.342 -31.594 -4.249 51
										B.M. 27-9 (U.S. 3796, T-767 1945) VISTA DEL MAR & HAVILAND ST. SEE F.B. 1393-12 FOR DESC.
12	5666 4952 4242 14860	4.953	714 710 1424	14.733		6322 5620 4918 16860	5.620	702 702 1404	3 14743	F.B. 2422, P.G. 21
13	4938 4313 3689 12940	4.313	625 624 1249	15982		5679 5057 4434 15170	5.057	622 623 1245	7 15988	
		9.266					10.677			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. N-162552
Notes by T. OHASHI Time 9:30 TO 10:30 Rod No. 15E16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-10 To BM 27-8A
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5521	9.266	630	15982		6542	10.677	627	15982	+14.151 ✓
	4891		629			5915		625		-16.593 ✓
	9262		1259 ✓			5290		1252 ✓		+ 2.436 ✓
14	14.674 ✓	4.891 ✓		12241		12747 ✓	5.916 ✓		12724 ✓	BM. 27-8A (U.S. 3797, City L.A. Spk)
		14.157 ✓					16.593 ✓			VISTA DELMAR & JACQUELYN ST.
										SEE F.B. 139-11 FOR DESC.
										DIFFERENT IN ELEVATIONS
										BM. 27-10 to BM 27-9A +6.104 ✓
										BM 27-9A to BM 27-9 -4.256 ✓
										BM. 27-9 to BM 27-8A +2.436 ✓

F.B. 242 Z P.G. 22

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-BREEZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:00 TO 11:25 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-12A
Date 11-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.553 5.082 4.612 15.247	5.082	471 470 941	.941	#15 74°	4.657 4.160 3.662 12.479	4.160	497 498 995	.995	B.M. 27-10 (U.S. 3792, R 767 1945) VISTA DEL MAR, S. OF CENTURY SEE F.B. 1393-14 FOR DESC
2	7.232 6.612 5.993 19.837	6.612	620 619 1.239	2.180		4.528 3.902 3.280 11.710	3.903	626 622 1.248	2.243	T.M. CERICOLA
3	7.782 7.160 6.538 21.480	7.160	622 622 1.244	3.424		4.117 3.499 2.881 10.496	3.499	618 619 1.237	3.480	
4	5.182 4.560 3.935 13.677	4.559	622 625 1.247	4.671		7.409 6.790 6.170 20.369	6.790	619 620 1.239	4.719	F.B. 2422 P.G. 23
5	5.295 4.663 4.032 13.990	4.663	632 631 1.263	5.934		6.651 6.035 5.420 18.106	6.035	616 615 1.231	5.950	
		28.076					24.387			

76P526 S & E #379 1-54

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Chief of Party R. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by G. E. DREIER Time 11:00 TO 11:55 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-12A
Date 11-21-57
Indexed A. C. Johnson

F.B. 2422 P.G. 24

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.000 5.373 4.750 16.123	28.076 5.374	627 623 1250	5934 7.184		7.021 6.400 5.780 19.201	24.387 6.400	621 620 1241	5950 7.191	
7	3.852 3.230 2.608 9.690	3.230	622 622 1244	8.428		7.425 6.810 6.198 20.433	6.811	615 612 1227	8.418	
8	4.528 3.953 3.382 11.863	3.954 40.634	575 571 1146	9.574		6.939 6.359 5.778 19.076	6.359 43.957	580 581 1161	9.579	+40.634 -43.957 -3.323
										B.M. 27-11 (CITY L.A. VENICE G-7) VISTA DEL MAR & STERRY ST. SEE F.B. 1373-15 FOR DESC.
9	7.620 7.000 6.378 20.998	6.999	620 622 1242	10.816		5.688 5.069 4.451 15.208	5.069	619 618 1237	10.816	

76P526 S & E #979 1-54

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Chief of Party G. E. DREIER Weather HAZE-BREEZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 11:00 TO 11:55 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8960.72
From B.M. 27-10 To B.M. 27-12A
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.822 6.999		620	10.816		5.932	5.069	617	10.816	
	6.202		621			5.315		616		
	5.581		1.241	12.057		4.649		1.233	12.049	
10	18.605	6.202				15.946	5.315			
	6.160		630			5.582		614		
	5.530		629			4.968		618		
	4.901		1.259	13.316		4.350		1.232	13.281	
11	16.591	5.530				14.900	4.967			
	6.370		618			5.413		620		
	5.752		614			4.793		622		
	5.138		1.232	14.548		4.171		1.242	14.523	
12	17.260	5.753				14.377	4.792			
	6.281		631			5.569		616		
	5.650		630			4.953		612		
	5.020		1.261	15.809		4.341		1.228	15.751	
13	16.951	5.650				14.863	4.954			
	6.350		620			5.589		621		
	5.730		621			4.968		620		
	5.109		1.241	17.050		4.348		1.241	16.992	
14	17.189	5.730				14.905	4.968			
	35.864					30.06				

F.B. 2422 P.G. 25

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No. NR 142552
Notes by G. E. DREIER Time 11:00 TO 11:55 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-10 To B.M. 27-12A
Date 11-21-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.418	35.864	340	17.050		1.998	30.065	369	16.992	+39.943
	4.078		338			1.629		370		-31.694
	3.740		678			1.259		739		+8.249
15	12.236	4.079		17.728		4.886	1.629		17.731	
		39.943					31.694			B.M. 27-12 (U.S. 3785, S-767, 1945) VISTA DEL MAR & WATERVIEW ST. SEE F.B. 1393-16 FOR DESC.
	3.500		231			5.611		230		
	3.269		233			5.381		232		B.M. 27-12A (U.S. 3786, CITY L.A. SAK)
	3.036		464			5.149		462		VISTA DEL MAR & WATERVIEW ST.
16	9.805	3.268		18.192		16.141	5.380		18.193	SEE F.B. 1393-16 FOR DESC.
									18.192	
									36.385	
									= 0.69 mi.	.014
										+3.268
										-5.380
										-2.112

F.B. 2427 P.G. 26

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-12A To B.M. 27-10
Date 11-21-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.543 5.312 5.081 15.936	5.312	231 231 462 462		#15	3.432 3.201 2.969 9.602	3.201	231 232 463 463		B.M. 27-12A (U.S. 3786, CITY L.A. STD.) VISTA DEL MAR & WATERVIEW ST. SEE F.B. 1393-16 FOR DESC. + 5.312 − 3.201 + 2.111
										B.M. 27-12 VISTA DEL MAR & WATERVIEW ST. SEE F.B. 1393-16 FOR DESC.
2	1.912 1.569 1.224 4.705	1.568	343 345 688 1.150			4.391 4.020 3.648 12.059	4.020	371 372 743 1.206		M. CERICOLA
3	5.478 4.856 4.235 14.569	4.856	622 621 1.243 2.393			6.240 5.621 5.000 16.861	5.620	619 621 1.240 2.446		
4	5.521 4.908 4.291 14.720	4.907	613 617 1.230 3.623			6.232 5.601 4.970 16803	5.601	631 631 1.262 3.708		
	11.331					15.241				

F.B. 2422 P.G. 27

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No. Vr 142552
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-12A To B.M. 27-10
Date 11-21-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.340	11.331	624	3623		6.290	15.241	613	3.708	
	4.716		626			5.677		617		
	4.090		1.250			5.060		1230		
5	14.146	4.715		4.873		17.027	5.676		4.938	
	5.583		615			6.161		631		
	4.968		618			5.530		629		
	4.350		1.233			4.901		1.260		
6	14.901	4.967		6.106		16.592	5.531		6.198	
	5.850		641			6.698		600		
	5.209		640			6.098		599		+ 31.284
	4.569		1.281			5.499		1.199		- 39.538
7	15.628	5.209		7.387		18.295	6.098		7.397	- 8.254
	5.679		618			7.613		621		
	5.061		616			6.992		622		
	4.445		1.234			6.370		1.243		
8	15.185	5.062		8.621		20.975	6.992		8.640	
		31.284					39.538			B.M. 27-11 (CITY L.A. VENICE E-7) VISTA DEL MAR & STERRY ST SEE F.B. 1393-15 FOR DES.

F.B. 2422 P.G. 28

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Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No NK142552
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.22
From B.M. 27-12A To B.M. 27-10
Date 11-21-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.875		575	8.621		4.472		573	8.640	
	6.300		579			3899		575		
	5.721		1.154			3.324		1.148		
9	18.896	6.299		9.775		11.695	3.898		9.788	
	7.363		614			3 792		622		
	6.749		618			3,170		622		
	6.131		1.232			2548		1.244		
10	20,243	6.748		11.007		9,510	3 170		11,032	
	6.925		623			5.902		623		
	6.302		622			5.279		627		
	5.680		1.245			4.652		1.250		
11	18,907	6.302		12.252		15833	5.278		12.282	
	6,462		617			5.102		627		
	5,845		617			4,475		627		
	5.228		1234			3.848		1.254		
12	19.535	5.845		13,486		13.425	4,475		13.536	
	7.291		626			5.050		614		
	6.665		625			4.436		614		
	6040		1.251			3.822		1.228		
13	19.996	6.665		14.737		13308	4,436		14,764	
	31.859					21.257				

F.B. 2422 P.G. 29

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No. No. 142552
Notes by G. E. DREIER Time 1.00 to 2:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-12A To B.M. 27-10
Date 11-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.050	31.859 ↑	620	14.737 ↑		7.711	21.257 ↑	619	14.764 ↑	
	3.430		621			7.092		620		
	2.809		1.241 ✓			6.472		1.239 ✓		
14	10.289	3.430		15.978 ✓		21.275	7.092		16.003 ✓	
	4.562		624			7.268		620		+ 43.390 ✓
	3.938		628			6.648		619		- 40.086 ✓
	3.310		1.252 ✓			6.029		1.239 ✓		+ 3.304 ✓
15	11.810	3.937		17.230 ✓		19.945	6.648		17.242 ✓	
	4.668		505			5.556		467		
	4.163		502			5.089		467		B.M. 27-10 (U.S. 3793, R 767 1945)
	3.661		1007 ✓			4.622		934 ✓		VISTA DEL MAR, S. OF W. CENTURY
16	12.492	4.164 ✓		18.237 ✓		15.267	5.089 ✓		18.176 ✓	SEE F.B. 1393-14 FOR DESC.
		43.390 ✓					40.086 ✓			

F.B. 2422 P.G. 30

76P526 S & E #379 1-54

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ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No NT 142552
Notes by J. MOODY Time 9:00 to 9:30 Rod No. 15816

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-11 To B.M. 27-10
Date 11-22-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6838		580		#15	4428		573		B.M. 27-11 (CITY L.A. VENICE G-7)
	6258		580			3855		574		VISTA DEL MAR & STERRY ST.
	5678		1160 ✓			3281		1147 ✓		SEE F.B. 1393-15 MDR DEPT.
1	18.774	6.258		1.160 ✓		11.564	3.855		1.147 ✓	
	7235		615			3660		621		
	6620		618			3039		624		T M. JERICOLA
	6002		1233 ✓			2415		1245 ✓		
2	19.857	6.619		2.393 ✓		9.114	3.038		2.392 ✓	
	6910		622			5887		625		
	6288		625			5262		622		
	5663		1247 ✓			4640		1247 ✓		
3	18.861	6.287		3.640 ✓		15.789	5.263		3.639 ✓	
	6378		617			5020		631		
	5761		619			4389		629		
	5142		1236 ✓			3760		1260 ✓		
4	17.281	5.760		4.876 ✓		13.169	4.390		4.899 ✓	
	7243		616			5020		623		
	6627		619 ✓			4397		627		
	6008		1235 ✓			3770		1250 ✓		
5	19.878	6.626 ✓		6.111 ✓		13.187	4.396 ✓		6.149 ✓	
		31.550 ✓				20.942 ✓				

F.B. 2442 PG. 31

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. N-142552
Notes by J. MOODY Time 9:00 to 9:30 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-11 To BM 27-10
Date 11-22-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4042	31.550	620	6.111		7710	20.942	622	6.149	
	3422		619			7088		626		
	2803		1239			6462		1248		
6	10.267	3.422		7.350		21260	7.087		7.397	
	4530		622			7239		622		SUMMATION OF RUN
	3908		626			6617		624		BM 27-11 to BM 27-10
	3282		1258	6.598		5993		1246		TOTAL BACKSIGHTS +42.849
7	11.720	3.907	4	8.608		19849	6.616		8.643	TOTAL FORESIGHTS −39.540
	4482		513			5353		458		DIFF IN ELEV. +3.309
	3969		510			4895		457		
	3459		1023			4438		915		
8	11.910	3.970		9.631		14686	4.895		9.558	
									9.631	BM 27-10 (U.S. 3793, R-767, 1945)
									19.189	VISTA DEL MAR, S. of W. CENTURY
									=0.36 mi.	SEE F.B. 1393-14 for DESC.
		42.849					39.540			

F.B. 2422 P.G. 32

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. NK 192552
Notes by J. MOODY Time 11:15 to 11:40 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-10 To BM 27-11
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5592		470		#15	4699		499		BM 27-10 (US 3793, R-767 1945)
	5122		471			4200		500		VISTA DEL MAR, S. OF W. CENTURY
	4651		941 ✓			3700		999 ✓		SEE F.B. 1393-14 FOR DESC.
1	15365 ✓	5.122		.941 ✓		12599 ✓	4.200		.999 ✓	
	7379		636			4648		613		T. M. CERICOLA
	6743		633			4035		613		
	6110		1269 ✓			3422		1226 ✓		
2	20232	6.744		2210 ✓		12105	4.035		2225 ✓	
	7801		624			4129		614		
	7177		627			3515		615		
	6550		1251 ✓			2900		1229 ✓		
3	21528	7.176		3961 ✓		10544	3.515		3454 ✓	
	5268		625			7490		612		
	4643		622			6878		618		
	4021		1247 ✓			6260		1230 ✓		
4	13932	4.644		4708 ✓		20628	6.876		4684 ✓	
	5360		631			6716		615		
	4729		629			6101		616		
	4100		1260 ✓			5485		1231 ✓		
5	14189	4.730		5968 ✓		18302	6.101		5915 ✓	
		28416 ✓					24727 ✓			

F.B. 2422, P.G. 33

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. NK142552
Notes by J. MOODY Time 11:15 to 11:40 Rod No. 15216

Name MARINA DEL REY
Job No. 8910.72
From BM 27-10 To BM 27-11
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6030	28.416	622	5.968		7052	24.727	620	5.915	
	5408		625			6432		622		
	4783		1247			5810		1242		
6	16.221	5.407		7.215		19.294	6.431		7.157	
	3802		637			7342		597		
	3165		638			6745		597		
	2527		1275			6148		1194		
7	9.494	3.165		8.490		20.235	6.745		8.351	
	4621		544			7089		608		BM 27-11 (CITY L.A. VENICE G-7 VISTA DEL MAR & STERRY ST. SEE L.B. 1393-15 FOR DESC.
	4077		545			6481		612		
	3532		1089			5869		1220		
8	12.230	4.077		9.579		19.439	6.480		9.571	
									9.579	
									19.150 = 0.36 MI.	
										SUMMATION OF RUN BM 27-10 TO BM 27-11
F.B. 2422 P.G. 34										TOTAL BACKSIGHTS + 41.065
										TOTAL FORESIGHTS. - 44.383
										DIF IN ELEV. - 3.318
		41.065					44.383			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 1:00 TO 2:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 89.10.72
From BM 27-14 To BM 27-12A
Date 11-22-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1.	5470 5290 5112 15872	5.291	180 178 358	358	#15 68°	5088 4917 4746 14751	4917	171 171 342	342	BM 27-14 (U.S. 3550, City L.A. 26 M) CULVER BLVD & VISTA DEL MAR. SEE F.B. 1393-17 FOR DESC.
2.	8815 8357 7898 25070	8.357	458 459 917	1275		0879 0626 0372 1877	0626	253 254 507	849	⊼ J. MOODY. + 13.648 − 5.543 + 8.105
		13.648					5.543			BM 27-13 (U.S. 1276, P-50 1925) VISTA DEL MAR & CULVER BLVD. SEE F.B. 1393-17 FOR DESC.
3.	0772 0593 0417 1782	0594	179 176 355	1630		8598 8425 8252 25275	8425	173 173 346	1195	NOTE RUN FROM B.M. 27-12A TO B.M. 27-14 SHOULD PRECEDE THIS RUN IN COMPUTATIONS
4.	6107 5605 5102 16814	5.605	502 503 1005	2635		4835 4337 3839 13011	4337	498 498 996	2191	
		6.199					12.762			

F.B. 2422 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK 142.552
Notes by T. OHASHI Time 1:00 TO 2:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-14 To BM 27-12A
Date 11-22-57
Indexed A. C. Johnson

F.B. 2422 P.G. 36

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5808	6.199	626	2635		9795	12.762	629	2191	
	5188		620			4169		628		
	4568		240			3501		257		
5.	15564	5188		3875		12568	4.69		3448	
	3510		632			2950		615		
	2878		631			2335		616		
	2247		263			1721		279		
6.	8635	2878		5138		7006	2.335		4677	
	6762		624			8637		626		
	6138		623			4811		625		
	5515		247			4186		251		
7.	18415	6138		6385		17434	4.811		5928	
	6615		624			5429		636		
	5991		622			4795		627		
	5369		246			4172		263		
8.	17975	5992		7631		14400	4.800		7185	
	7040		621			5517		623		
	6419		621			2871		626		
	5798		242			2269		254		
9.	19257	6.419		8873		10675	2.892		8439	
		32.814					31.769			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NE 142552
Notes by T. OHASHI Time 1:00 TO 2:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-14 To BM 27-12A
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8528	32.814	614	8873		2555	31.769	627	8439	
	7904		613			1928		628		
	7281		1227			1300		1255		
10.	23.713	7.904		10100		5.783	1.928		5694	
	8459		297			1919		301		
	8162		297			1618		361		
	7865		594			1317		602		
11	24.486	8.162		10694		4.854	1.618		10296	
	10701		323			0874		276		
	10378		322			0598		276		
	10056		645			0322		552		
12	31.135	10.378		11339		1.794	0.598		10898	+ 76.180
										- 42.626
										+ 33.554
	10547		297			2096		295		
	10250		297			1801		294		
	9953		594			1507		589		
13.	30.750	10.250		11933		5.404	1.801		11437	
	7046		374			5292		380		
	6672		374			4912		380		
	6298		748			4532		760		
14.	20.016	6.672		12681		14.736	4.912		12197	BM 27-12A (U.S.3736)
		76.180					42.626			VISTA DEL MAR & WATERVIEW ST.
										SEE F.B. 1393-16 FOR DESC.

12.681
24.878
= 0.47 mi.

F.B. 2422 P.G. 37

012

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142852
Notes by T. OHASHI Time 2:00 TO 3:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-12A To BM 27-14
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5390		380		#15	7143		373		BM 27-12A (W.3786, CITY L.A. SPT
	5010		381			6770		373		VISTA DEL MAR. & WATERVIEW ST.
	4629		761 ✓			6397		746 ✓		SEE F.B. 1393-16 FOR DESC.
1.	15.029 ✓	5010		761 ✓		20.310 ✓	6770		746 ✓	
	2066		295			10517		295		⊼ J. MOODY
	1771		295			10.222		298		
	1476		590 ✓			9924		593 ✓		
2	5.313	1.771		1351 ✓		30.663	10.221		1339 ✓	
	1002		273			10833		324		
	0729		275			10509		323		
	0454		548 ✓			10186		647 ✓		
3	2.185	0728		1899 ✓		31.528	10509		1986 ✓	
	2037		302			8576		297		
	1735		303			8279		296		
	1432		605 ✓			7983		593 ✓		
4	5.204	1735		2504 ✓		24838	8279		2579 ✓	
	2569		629			8539		621		
	1940		627			7918		620		
	1313		1256 ✓			7298		1241 ✓		
5.	5.822	1941		3760 ✓		23.755	7918		3820 ✓	
		11.185 ✓					43697 ✓			

F.B. 2422 P.G. 38

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr-142552
Notes by T. OHASHI Time 2:00 To 3:00 Rod No. 15 E/16

Name MARINA DEL REY
Job No. 8910.12
From BM 27-12A To BM 27-14
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	3218 2591 1968 7.777	11185 2.592	627 623 1250	3760 5016		6705 6119 5495 11.359	13.697 6.120	626 624 1250	3820 5076	
7	5447 4818 4189 14.454	4.818	629 629 1258	6268		6631 6008 5387 12.026	6.007	623 621 1244	6314	
8	5467 4835 4212 14.514	4.839	629 626 1255	7523		6790 6162 5533 12.561	6.167	622 625 1247	7561	
9	2965 2351 1735 7.051	2350	614 616 1230	8753		3525 2893 2262 8.680	2.893	632 631 1263	9824	
10	5490 4862 4237 14.589	4863	628 625 1253	10066		6502 5882 5261 17.645	5.882	620 621 1241	10065	
		30.647					70.768			

F.B. 2412 P.G. 39

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:00 To 3:00 Rod No. 15816

Name MARINA DEL REY
Job No. 8910.72
From BM 27-12A To BM 27-14
Date 11-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5519	30647	510	10006		6774	70768	496	10065	
	5009		510			6278		497		
	4499		1020			5781		993		
11.	15027	5.009		11.026		18.833	6.278		11.058	
	8501		176			0670		174		+ 43.981
	8325		177			0496		176		- 77.541
	8148		353			0320		350		- 33.560
12.	24974	8.325		11.379		1486	0.495		11.408	
		43.981					77.541			B.M. 27-13
										VISTA DEL MAR. & CULVER BLVD.
										SEE F.B. 1393-17 FOR DESC.
	2175		336			10044		475		+ 6.458
	1839		335			9569		472		- 14.562
	1504		671			9097		947		- 8.104
13	5518	1.839		12050		28710	9.510		12.355	
	4856		236			5104		112		B.M. 27-14 (US 3550, LA. CITY 26 M)
	4620		238			4992		112		VISTA DEL MAR & CULVER BLVD.
	4382		474			4880		224		SEE F.B. 1393-17 FOR DESC.
14	13.858	4.619		12.524		14.976	4.992		12.579	
		6.458					14.562			

F.B. 2422 P.G. 40

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No NK 142552
Notes by J. MOODY Time 9:00 to 9:30 Rod No. 15816

Name MARINA DEL REY
Job No. 8910.72
From BM 27-14 To BM 27-16
Date 11-25-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5121		550		15	5722		542		BM 27-14 (U.S. 3550, City L.A. 26M
	4571		550			5180		542		CULVER BLVD) VISTA DEL MAR.
	4021		11001			4638		1084		SEE F.B. 1393-17 for DESC.
1	13713	4.571		1100	66°	15540	5.180		1084	
	5048		620			5141		630		
	4428		620			4511		629		T M. CERICOLA
	3808		12401			3882		12591		
2	13284	4.428		2340		13534	4.511		2343	
	7431		636			5361		619		
	6795		637			4742		620		
	6158		12731			4122		1239		
3	20384	6.795		3613		14225	4.742		3582	
	6710		628			4942		614		
	6082		624			4328		610		
	5458		12532			3718		1224		
4	18250	6.083		4865		12988	4.329		4806	F.B. 2422 P.G. 41
	5229		627			5735		627		
	4602		624			5108		628		
	3978		12511			4480		12553		
5	13809	4.603		6116		15323	5.108		6061	
		26.480					25.870			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE, SUN Inst. No. NK 142552
Notes by J. MOODY Time 9:00 to 9:30 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-14 To BM 27-15
Date 11-25-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5018	26.480	629	6.116		5520	23.870	627	6.061	
	4389		627			4893		623		
	3762		1256			4270		1250		
6	13.169	4.390		7372		14.683	4.894		7311	
	5069		627			5553		622		+ 45.374
	4442		629			4931		621		- 44.041
	3813		1256			4310		1243		DIFF IN ELEV.
7	13324	4.441		8628		14.794	4.931		8554	B.M. 27-14 TO 27-15A + 1.333
										B.M. 27-15A TO 27-15 + 0.627
	5028		623			6118		636		
	4405		625			5482		632		
	3780		1248			4850		1268		
8	13.213	4.404		9.876		16.450	5.483		9.822	
	6392		732			5598		736		BM 27-15A (F.C. REF. BM. 115-38)
	5660		735			4862		732		BALLONA CR. & PACIFIC AVE
	4925		1467			4130		1468		SEE F.B. 1393-18 FOR DESC
9	16977	5.659		11343		14.590	4.863		11296	
	6109	45.374	108			5492	44.041	118		B.M. 27-15 (F.C. B.M. 115-38
	6001		109			5374		117		BALLONA CR. & PACIFIC AVE.
	5892		217			5257		235		SEE F.B. 1393-18 FOR DESC.
10	18002	6.001		11560		16.123	5.374		11525	

F.B. 2422 P.G. 42

+6.001
-5.374
+0.627

11.560
23.085
= 0.44 mi. .011

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE, SUN Inst. No Nr. 142552
Notes by J. MOODY Time 9:30 to 10:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910-72
From BM 27-15 To BM 27-14
Date 11-25-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5541		118		#15	6158		108		BM 27-15 (F.C. B.M. 115-38)
	5423		116			6050		109		BALLONA CR. & PACIFIC AVE
	5307		234			5941		217		SEE F.B. 1393-18
1	16271	5.424		234	67°	18149	6.050		217	
	5708		736			6503	45.424	734		BM. 27-15A (F.C. REF. B.M. 115-18)
	4972		732			5769	-0.62	731		BALLONA CR. & PACIFIC AVE
	4240		1468			5038		1465		SEE F.B. 1393-18 FOR DESC.
2	14920	4.973		1702		17310	5.770		1682	
	6228		640			5130		621		T. M. CERICOLA
	5588		638			4509		619		
	4950		1278			3890		1240		
3	16766	5.589		2980		13529	4.510		2922	
	5740		628			5249		624		
	5112		624			4625		623		
	4488		1252			4002		1247		
4	15340	5.113		4232		13876	4.625		4169	
	5558		606			5092		643		
	4952		603			4449		647		
	4349		1209			3802		1290		
5	14859	4.953		5941		13343	4.448		5459	
		20628					19353			

F.B. 2022 P.G. 43

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE, SUN Inst. No NK 142552
Notes by J. MOODY Time 9:30 to 10:15 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-15 To BM 27-14
Date 11-25-57
Indexed A. C. Johnson

F.B. 2427 P.G. 44

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5907	20.628	629	5441		5399	19.353	626	5459	
	5278		629			4773		625		
	4649		1258			4148		1251		
6	15834	5.278		6699		14320	4.773		6710	
	4882		614			6643		623		
	9268		618			6020		625		
	3650		1232			5395		1248		
7	12800	4.267		7931		18058	6.019		7958	
	5721		609			7803		635		
	5112		605			7168		639		
	9507		1214			6529		1274		
8	15340	5.113		9145		21500	7.167		9232	+45.155 ✓
	5191		629			5093		614		-46.489 ✓
	4562		631			4479		618		-1.334 ✓
	3931		1260			3861		1232		
9	13684	4.561		10405		13433	4.478		10464	
	5858		550			5232		532		BM 27-19 (U.S. 3550, City L.A. 26M)
	5308		549			4700		535		CULVER BLVD & VISTA DEL MAR.
	47.59		1099			4165		1067		SEE F.B. 1393-17 FOR DESC.
10	15925	5.308		11504		14097	4.699		11531	
		45.155					46.489			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-15 To B.M. 27-21
Date 11-25-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.205		458		#15	4.921		451		B.M. 27-15 (F.C. B.M. 15-38)
	10.747		460			4.520		451		PACIFIC AVE & BALLONA CR. CE. COR
	10.287		918			4.069		902		SEE F.B. 1393-18 FOR DESC.
1	32.239	10.746		.918	68°	13.560	4.520		.932	+15.483
										-11.561
										+3.922
	5.155		417			7.541		500		
	4.738		420			7.041		539		B.M. 27-17 (U.S. 3784 Q-767 1945)
	4.318		837			6.542		999		PAC. AVE & BALLONNA CR. N. W. COR
2	14.211	4.737		1.755		21.124	7.041		1.901	SEE F.B. 1393-19 FOR DESC.
		15.483					11.561			
	4.188		246			8.632		193		+3.943
	3.942		244			8.439		191		-8.440
	3.698		490			8.248		384		-4.497
3	11.828	3.943		2.245		25.319	8.440		2.285	F.B. 2422 PG. 45
	8									B.M. 27-16A (F.C. REF B.M. 115-39)
										PAC. AVE & BALLONA CR. N.E. COR
										SEE F.B. 1393-19 FOR DESC.

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 3910.73
From B.M. 27-15 To B.M. 27-21
Date 11-25-57
Indexed K. C. Johnson

F.B. 2422 P.G. 46

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
4	6.547 6.423 6.300 19.270	6.423	124 123 247	2345 2,492		5.414 5.291 5.167 15.872	5.291	123 124 247	2285 2,532	+ 6.423 - 5.291 + 1.132
										B.M. 27-16 (F.C. ~~B.M.~~ B.M. 115-39) PAC. AVE. & BALLONA CR. SEE F.B. 1393-19 FOR DESC.
5	5.431 4.884 4.337 14.652	4.884	547 547 1094	3,586		8.435 7.768 7.099 23.302	7.767	667 669 1.336	3,868	+ 4.884 - 7.767 - 2.883
										E.M. 27-18 (F.C. B.M. 115-22) BALLONA CR. & GRAND CANAL SEE F.B. 1393-20 FOR DESC.
6	9.882 9.255 8.627 27.764	9.255	627 628 1255	4.841		5.541 4.913 4.287 14.741	4.914	628 626 1254	5.122	

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NK142552
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-15 To B.M. 27-21
Date 11-25-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.629	9.255 ✓	634	4.841 ✓		11.850	11.914 ✓	642	5.122 ✓	
	3.995		635			11.208		643		
	3.360		1269 ✓			10.565		1285 ✓		
7	11.984 ✓	8.995		6.110 ✓		33.623 ✓	11.208		6.407 ✓	
	2.418		313			9.051		212		
	2.105		314			8.839		210		
	1.791		627 ✓			8.629		422 ✓		
8	6.314	2.105		6.737 ✓		26.519	8.840		6.529 ✓	+ 15.355 ✓ − 24.962 ✓ − 9.607 ✓
		15.355 ✓					24.962 ✓			B.M. 27-19 (F.C. B.M. 115-22A) BALLONA CR. & PIPE LINE BR., SEE F.B. 1393-21 FOR DESC.
	11.947		398			2.608		377		
	11.549		397			2.321		376		
	11.152		795 ✓			1.945		753 ✓		
9	34.648 ✓	11.549		7.532 ✓		6.964 ✓	2.321 ✓		7.582 ✓	+ 11.549 ✓ − 2.321 ✓ − 19.228 ✓
										B.M. 27-20 (F.C. B.M. 115-40) BALLONA CR. SEE F.B. 1393-21 FOR DESC.

F.B. 2422 P.G. 47

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. W. 142552
Notes by G.E. DREIER Time 1:00 TO 2:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-15 To B.M. 27-21
Date 11-25-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.489		641	7.532 ✓		5.690		622	7.582 ✓	
	5.848		643			5.068		620		
	5.205		1.284 ✓			4.448		1.242 ✓		
10	17.542 ✓	5.847		8.816 ✓		15.206 ✓	5.069		8.824 ✓	
	6.139		639			6.138		633		
	5.500		640			5.505		630		
	4.860		1.279 ✓			4.875		1.263 ✓		
11	16.499	5.500		10.095 ✓		16.518	5.506		10.087 ✓	
	5.401		313			5.874		315		B.S.PK & W. IN TOP OF A 12" SQ WOOD POST 8" ABOVE GROUND
	5.088		314			5.559		314		
	4.774		627 ✓			5.245		629 ✓		
12	15.263	5.088		10.722 ✓		16.678	5.559		10.716 ✓	
	5.971		628			7.173		625		+ 27.887 ✓
	5.343		626			6.548		625		- 29.064 ✓
	4.717		1.254 ✓			5.723		1.250 ✓		- 1.177 ✓
13	16.031	5.344	4	11.977 ✓ 6		19.444	6.548		11.966 ✓	
	6.411		303			6.688		306		B.M. 27-21 (F.C.B.M. 115-42)
	6.108		303			6.382		305		BALLONA CR.
	5.885		606 ✓			6.077		611 ✓		SEE F.B. 1393-21 FOR DESC.
14	18.324	6.108		12.580 ✓ 2		19.147	6.382		12.577 ✓	
	27.887 ✓					29.064 ✓				

F.B. 2422 P.G. 48

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Dr. 142552
Notes by G.E. DREIER Time 2:00 TO 3:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-15
Date 11-25-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.705		306		#15	6.428		304		B.M. 27-21 (F.C. B.M. 115-42)
	6.399		305			6.124		303		BALLONA CR.
	6.094		611 ✓			5.821		607 ✓		SEE F.B. 1393-21 FOR DESC.
1	19.198 ✓	6.399		.611 ✓	68°	18.373 ✓	6.124		.607 ✓	
	7.152		621			5.958		629		
	6.531		620			5.329		628		
	5.911		1.241 ✓			4.701		1.257 ✓		B.S. PK & W. IN 12" SQ WOOD POST
2	19.594	6.531		1.852		15.988	5.329		1.864	8" ABOVE GROUND
	5.942		313			5.472		315		
	5.629		314			5.157		315		
	5.315		627 ✓			4.842		630 ✓		
3	16.886	5.629		2.479		15.471	5.157		2.494	
	6.182		631			6.188		643		
	5.551		632			5.547		640		
	4.919		1.263 ✓			4.907		1.283 ✓		
4	16.652	5.551		3.742		16.642	5.547		3.777	
	5.678		621			6.478		642		+ 29.166 ✓
	5.057		624			5.836		641		- 27.993 ✓
	4.433		1.245 ✓			6.195		1.283 ✓		+ 1.173
5	15.168	5.056		4.987		17.509	5.836		5.060 ✓	
		29.166 ✓					27.993 ✓			

F.B. 2422 P.G. 49

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr. 142552
Notes by G.E. DREIER Time 2:00 T.O. Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-15
Date 1-25-57
Indexed A. C. Johnson

F.B. 2422 P.G. 50

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				4.987				5060		B.M. 27-20 (F.C.B.M. 115-40) BALLONA CR. E. OF PIPE LINE BR. SEE F.B. 1393-21 FOR DESC.
6	2,559 2.179 1.800 6.538	2.179	380 379 759	5.746		11.801 11.408 11.013 34.222	11.407	393 395 788	5.848	+ 2.179 - 11.407 - 9.228
										B.M. 27-19 (F.C.B.M. 115-222A BALLONA CR. AT PIPE LINE BR. SEE F.B. 1393-21 FOR DESC.
7	9.256 8.997 8.738 26.991	8.997	259 259 518	6.264		2.525 2.262 2.001 6.788	2.263	263 261 524	6.372	
8	11.578 10.936 10.294 32.808	10.936	642 642 1284	7.548		4.359 3.725 3.091 11.175	3.725	634 634 1268	7.640	
		19.933					5.988			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr 142552
Notes by G.E. DREIER Time 7:00 TO 3:00 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-15
Date 11-25-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
9	5552 4.925 4.299 14.776	19.933 4.925 24.858	627 626 1.253 8.801	7.548		9.898 9.270 8.638 27.806	5.988 9.269 15.257	628 632 1.260 8900	7.640	- 24.858 - 15.257 + 9.601
										B.M. 27-18 (F.C. B.M. 115-22) BALLONA CR. & GRADE CANAL SEE F.B. 1393-20 FOR DESC.
10	7.861 7.248 6.632 21.741	7.247	613 616 1.229 10.030			4.981 4.368 3.753 13.102	4.367	613 615 1.228 10.128		+ 7.247 - 4.367 + 2.880
										B.M. 27-16 (F.C.B.M. 115-39) PAC. AVE & BALLONA CR. SEE F.B. 1393-19 FOR DESC.
11	5.465 5.341 5.217 16.023	5.341	124 120 248 10.278			6.597 6.473 6.351 19.421	6.474	124 122 246 10.374		+ 5.341 - 6.474 - 1.133

F.B. 2422 P.G. 51

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. N.142552
Notes by G.E. DREIER Time 2:00 TO 3:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.22
From B.M. 27-21 To B.M. 27-15
Date 11-25-57
Indexed C. Johnson

F.B. 2422 P.G. 52

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				10.278					10.374	B.M. 27-16A (F.C. REF. B.M. BALLONA CR. & PAC. AVE. SEE F.B. 1393-19 FOR DESC.
12	9.092 8.859 8.628 26.579	8.860	233 231 462 924	10.742		4.584 4.362 4.140 13.086	4.362	222 222 444 888	10.818	+ 8.860 - 4.362 + 4.498
										B.M. 27-17 (U.S. 3784, Q 767 1945) PAC. AVE & BALLONA CR. SEE F.B. 1393-19 FOR DESC.
13	7.288 6.828 6.367 20.483	6.828	460 461 921 1841	11.663		4.982 4.521 4.060 13.563	4.521	461 461 922 1844	11.746	+ 11.296 - 15.216 - 3.920
14	4.922 4.468 4.014 13.404	4.468 11.296	454 454 908 1816	12.571		11.153 10.695 10.237 32.085	10.695 15.216	458 458 916 1832	12.656	B.M. 27-15 (F.C.B.M. 115-38) PAC. AVE & BALLONA CR. SEE F.B. 1393-18 FOR DESC.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No NR142552
Notes by G E DREIER Time 9.00 TO 9.30 Rod No. 15 & 16

Name MARINA DEL REY
Job No.
From B.M. 26-16 To B.M. 26-19
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.792 4.180 3.568 12.540	4.180	612 612 1.224	1.224	#15	7.668 7.060 6.452 21.180	7.068	608 608 1.216	1.216	B.M. 27-16 (F.C.B.M. 115-39) PAC. AVE & BALLONA CR. SEE F.B. 1393- FOR DESC
						11.136 -2.850				B.M. 27-18 (F.C. BALLONA CR. & GRAND CANAL SEE F.B. 1393- FOR DESC
2	9.592 8.967 8.338 26.897	8.966	625 629 1.254	2.478		5.248 4.620 3.996 13.864	4.621	628 624 1.252	2.468	
3	4.398 3.782 3.166 11.346	3.782	616 616 1.232	3.710		11.650 10.992 10.335 32.977	10.992	658 657 1.315	3.783	+ 15.182 - 24.783 - 1.601 F.B. 2422 P.G. 53
4	2.701 2.433 2.168 7.302	2.434 15.182	268 265 533	4.243		9.129 9.170 8.912 27.211	9.170 24.783	359 358 717	4.500	B.M. 27-19 F.C.B.M. BALLONA CR. & PIPELINE BR. SEE F.B. 1393- FOR DESC

76P526 S & E #379 1-54

PLEASE RETURN TO

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.

Notes by Time Rod No.

Name
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2422 P.G. 54

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. NM142552
Notes by G.E.DREIER Time 9:45 TO 12:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-30
Date 11-26-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.927 6.428 5.928 19.283	6.428	499 500 999	.999	#15 65°	7.341 6.841 6.342 20.524	6.841	500 499 999	.999	B.M. 27-21 (F.C.B.M. 115-42) BALLONA CR. SEE F.B. 1393-21 FOR DESC. ± 6.428 − 6.841 − 0.413
										B.M. 27-22 (F.C. B.M. 115-2734) BALLONA CR. SEE F.B. 1395-21 FOR DESC.
2	6.902 6.268 5.635 18.805	6.268	634 633 1267	2.266		5.892 5.268 4.642 15.802	5.267	624 626 1250	2.249	M. CERICOLA
3	5.897 5.268 4.642 15.807	5.269	629 626 1255	3.521		5.935 5.312 4.690 15.937	5.312	623 622 1245	3.484	F.B. 2422 P.G. 55
4	5.808 5.061 4.315 15.184	5.061 16.598	747 746 1493	5.014		5.769 4.998 4.225 14.992	4.997 15.576	771 773 1544	5.038	+ 16.598 − 15.576 + 1.022

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather FOGGY Inst. No. NR 142552
Notes by G.E. DREIER Time 9:45 TO Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-2.1 To B.M. 27-2
Date 11-26-57
Indexed A. C. Johnson

F.B. 2422 P.G. 56

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				5.014					5.018	B.M. 27-23 (F.C.B.M. 115-44) BALLONA CR. 237 FT. N.E. OF A TALL LONE POLE SEE F.B. 1393-22 FOR DESC.
5	6.743 6.240 5.733 18.716	6.239	503 507 1010	6.024		6.057 5.561 5.062 16.680	5.560	496 499 .995	6.013	
6	6.732 6.110 5.489 18.331	6.110	622 621 1.243	7.267		5.992 5.370 4.748 16.110	5.370	622 622 1.244	7.257	
7	4.642 4.411 4.180 13.233	4.411	231 231 462	7.729		5.901 5.673 5.446 17.020	5.673	228 227 455	7.713	+16.760 -16.603 +0.157
		16.760					16.603			F.C.B.M. 115-224 A. BALLONA CR. 139 FT. N.E. OF TEL. POLE, 30 FT. N. OF A RED WITNESS PIPE

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No Nr. 142552
Notes by G. E. DREIER Time 9:45 TO Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From BM 27-21 To BM 27-30
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7222		625	7229 ✓		5.562		629	7782	
	6.597		627			4.933		625	3	
	5.970		1.252 ✓			4.308		1.254		
8	19.759 ✓	6.596 ✓		8981 ✓		14.803 ✓	4.934		8 5.926	
	5.388		546			6.021		550		+11.429 ✓
	4.842		543			5.471		546		-10.406 ✓
	4.299		1.089 ✓			4.925		1.096 ✓		+1.033 ✓
9	24.529	4.843 ✓		10.070 ✓		16.417 ✓	5.472		10.022	
		11.439 ✓					10.406 ✓			BM 27-24 (FT. C.B.M. 115-46)
										BALLONA CR.
										SEE FTB. 1393-22 FOR DE...
	6.149		629			6.249		626		
	5.520		631			5.623		624		
	4.589		1.260 ✓			4.999		1250 ✓		
10	16.558 ✓	5.519		11.330 ✓		16.871 ✓	5.624		11.372 3	
	5.980		620			5.642		622		
	5.360		621			5.020		625		
	4.739		1.241 ✓			4.395 ✓		1.247 ✓		
11	16.079 ✓	5.360		12.571 ✓		15.057 ✓	5.019		12569 7	
		10.879 ✓					10.643 ✓			

F.B. 2422 P.G. 57

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Foggy Inst. No Nr.142552
Notes by G. E. DREIER Time 9:45 TO Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.543	10.879	4 55	12,571		6.661	10.643	4 70	12.589	
	6.088		459			6.191		470		
	5.629		914			5.721		940		
12	18.260	6.087		13.485		18.573	6.191		13.529	F.C. BRASS DISC 6" N.W. R/W 1948
	6.400		785			6.038		790		
	5.615		785			5.248		789		
	4.830		1.570			4.459		1.579		+ 22.581
13	16.845	5.615		15.055		15.745	5.248		15.058	- 22.082
		22.581					22.082			+ 0.499
										BM. 27-25 (F.C.B.M. 115-48 BOAT HOUSE) BALLONA CR. OPPOSITE U.C.L.A. SEE F.B. 1398-22 FOR DESC.
	6.292		627			6.008		626		
	5.665		627			5.782		625		
	5.038		1.254			5.157		1.251		
14	16.995	5.665		16.309		17.347	5.782		16.389	
	6.638		628			6.209		621		
	6.010		624			5.588		620		
	5.386		1.252			4.968		1.241		
15	18.034	6.011		17.561		16.765	5.588		17.580	
		11.676					11.370			

F.B. 2422 P.G. 58

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Foggy Inst. No NA 142552
Notes by G. E. DREIER Time 9:45 TO Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.74
From B.M. 27-21 To B.M. 27-
Date 11-26-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.077	11.676 ✓	628	17.561 ✓		5.524	11.370 ✓	625	17.580	
	6.449		627			4.899		628		
	5.822 ✓		1.255 ✓			4.271		1.253 ✓		
16	19.348 ✓	6.449		18.816		14.694 ✓	11.898		18.833	
	5.479		558			6.620		565		+23.047 ✓
	4.921		564			6.055		565		-22.323 ✓
	4.367		1.122 ✓			5.490		1.130 ✓		+0.724 ✓
17	14.767	4.922		19.948		5.165	6.055		19.943	
		23.047 ✓					22.323 ✓			B.M. 27-26 (F.C.B.M. 115-225A) BALLONA CR. OPP. U.C.L.A. BOAT HOUSE SEE F.B. 1393-23 FOR DESC.
	6.205		186			5.312		194		T T. OHASHI
	6.019		185			5.118		196		+6.019 ✓
	5.834 ✓		371 ✓			4.922 ✓		390 ✓		-5.117 ✓
18	18.058 ✓	6.019 ✓		20.309		15.352 ✓	5.117 ✓		20.363	+0.902 ✓
										B.M. 27-27 (F.C.B.M. 115-52) BALLONA CR. OPP. U.C.L.A. BOATHOUSE SEE F.B. 1393-23 FOR DESC.

F.B. 2422 P.G. 59

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Chief of Party G. E. DREIER Weather FOGGY Inst. No NK 142552
Notes by G. E. DREIER Time 9:45 TO 12:10 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-30
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.134		630	20.3~~3~~9		6.100		624	20.3~~5~~3	
	5.504		682			5.476		626		
	4.876		1312			4.850		1250		
19	16.514	5.505		21.6~~3~~2 1		16.426	5.475		21.6~~0~~1 3	
	5783		742			6.732		754		
	5.041		741			5.978		755		
	4.300		1483			5.223		1509		
20	15.124	5.041		23.1~~1~~0 4		17.933	5.978		23.1~~1~~2 2	T.P. PIPE
	6.419		627			5.355		625		
	5.792		624			4.730		625		
	5.168		1.251			4.105		1250		
21	17.379	5.793		24.3~~6~~5 5		14.190	4.730		24.3~~8~~7 2	
	6.929		629			5.168		606		
	6.300		630			4.562		604		
	5.670		1.259			3.958		1210		+ 27.966
22	18.899	6.300		25.6~~2~~1 4		13.688	4.563		25.5~~1~~8 2	− 23.921
	5.648		321			3.481		306		+ 4.045
	5.327		322			3.175		306		B.M. 27-28 (F.C.B.M. 115-226
	5.005		643			2.869		612		BALLONA CR. & P.E. BR. NEAR CULVER BLVD
23	15.980	5.327		26.2~~6~~5 7		9.525	3.175		26.1~~8~~9 4	SEE F.B. 1393-24 FOR DESC.
		27.966					23.921			

F.B. 2422 P.G. 60

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. Vr 142552
Notes by G. E. DREIER Time 9:45 TO 12:10 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.74
From B.M. 27-21 To B.M. 27-20
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				26.2~~6~~7 5					26.1~~8~~4 9	B.M. 27-28 (F.C.B.M. 115-226) (CONTINUED)
	9.675		255			8.657		312		
	9.420		257			8.345		310		+9.4[illegible]
	9.163		512			8.035		622		-8.3[illegible]
24	28.258	9.419		26.7~~1~~6 0		25.037	8.346		26.8~~0~~1 6	+1.0[illegible]
										B.M. 27-29 (F.C.B.M. 115-227) BALLONA CR. & CULVER BLVD. SEE F.B. 1393-24 FOR DESC
	0.459		096			6.470		067		
	0.363		096			6.403		068		
	0.267		192			6.335		135		
25	1.089	0.363		26.9~~1~~6 1		19.208	6.403		26.9~~4~~5 1	
	6.826		621			7.968		630		
	6.205		618			7.338		630		
	5.587		1.239			6.708		1.260		
26	18.618	6.206		28.2~~1~~0 0		22.014	7.338		28.2~~0~~1 1	
		6.569					13.741			

F.B. 2422 P.G. 61

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOGGY Inst. No. Nr 142552
Notes by G. E. DREIER Time 9:45 TO 12:10 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 27-30
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.570	6.569	583	28.210		5.346	13.741	595	28.201	
	4.987		584			4.751		591		+ 15.476
	4.403		467			4.160		1.186		- 20.353
27	14.960	4.987		29.377		14.257	4.752		29.387	- 4.877
	4.342		423			2.258		398		
	3.919		421			1.860		399		B.M. 27-30 (CITY L.A. ... 4
	3.498		844			1.461		797		CULVER BLVD. & [illegible]
28	11.759	3.920		30.221		5.579	1.860		30.184	[illegible]
		15.476					20.353		30.221 60.405	

F.B. 2422 P.G. 62

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Chief of Party G.E.DREIER Weather VERY HAZY Inst. No Nr. 142552
Notes by G.E.DREIER Time 1:15 TO 3:15 Rod No 15 8/16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-30 To B.M. 27-21
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2141		409		#15	4208		417		B.M. 27-30 CITY L.A.
	1,732		405			3.791		413		CULVER BLVD. & ROOSEVELT HWY
	1.327		814 ✓			3.375		830 ✓		SEE F.B. 1393-25 FOR DESC.
1	5.200 ✓	1.733		814		11.377 ✓	3.792		830 ✓	
	5.268		587			5,493		578		T. OHASHI
	4,681		589			4.915		580		
	4,092		1.176 ✓			4.335		1158 ✓		
2	14.041	4.680		1.990 ✓		14.743	4.914		1.988 ✓	
	7.997		631			6853		620		
	7.366		628			6.233		621		
	6.738		1.259 ✓			5.612		1241 ✓		
3	22.101	7.367		3.249 ✓		18.698	6.233		3.129 (2)	
	7244		072			1.215		083		+20.952
	7.172		071			1,132		082		-16.071
	7.101		143 ✓			1.050		165 ✓		+ 4.881 ✓
4	21.517	7.172 ✓		3,392 ✓		3.397	1.132		3.294 (3) ✓	F.B. 2422 P.G. 63
		20.952 ✓					16.071 ✓			
										B.M. 27-29 (F.C.B.M. 115-227)
										BALLONA CR. & CULVER BLVD.
										SEE F.B. 1393- FOR DESC.

76P526 S & E #379 1-54

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Chief of Party G.E.D. Weather HAZY Inst. No. Nr. 142552
Notes by G.E. DREIER Time 1:15 TO 3:15 Rod No. 15 E 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-30 To B.M.
Date 11-26-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8585		294	3.392 ✓		9645		278	3.194	
	8.291		291			9.367		279	3	+ 8.292 ✓
	8.000		585 ✓			9.088		557		- 9.367 ✓
5	24.876 ✓	8.292 ✓		3.977 ✓		28.100 ✓	9.367 ✓		3.851 9	- 1.075 ✓
										B.M. 27-28 (F.C.B.M. 115-226)
										BALLONA CR. & P.E. BR. ABUT.
	3.350		291			5.543		334		
	3.059		294			5.209		332		
	2.765 ✓		585 ✓			11.877		666 ✓	6	
6	9.174 ✓	3.058		4.562 ✓		15.629 ✓	5.210		4.317	
	5.130		603			6.890		627		
	4.527		606			6.263		628		
	3.921		1.209 ✓			5.635 ✓		1.255 ✓	8	
7	13.578	4.526		5.771 ✓		18.788	6.263		5.772	
	5427		626			6.489		627		
	4.801		626			5.862		623		
	4.175		1252 ✓			5.237		1250 ✓	1	
8	14.403	4.801		7.023		17.590	5.863		7.022	AT P. PIPE
		12.385 ✓					17.336 ✓			

F.B. 2422 P.G. 64

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:15 T.O. Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-30 To B.M. 27-21
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
9	6,600 5,842 5,087 17.529	12.385 5.843	758 755 1.513	7.023 3.536		5,648 4.905 4.165 14.718	12.336 4.906	743 740 1.483	7.822 8.505	
10	6.052 5.428 4.801 16.281	5.427 23.655	624 627 1.251	9.787		6.085 5.457 4.830 16,372	5.457 27.699	628 627 1.255	9.860	+ 23.655 - 27.699 - 4.044
										B.M. 27-27 (F.C.B.M. 115-52) BALLONA CR. OPP. U.C.L.A. BOATHOUSE SEE F.B. 1393-
11	5.488 5.292 5,098 15.878	5.293	196 194 390	10.177		6382 6196 6.010 18.588	6.196	186 186 372	10.332	+ 5.293 - 6.196 - 0.903 F.B. 4272, P.G. 65
										B.M. 27-26 (F.C.B.M. 115-225A) BALLONA CR. OPP.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G E DREIER Weather HAZE Inst. No NA 142552
Notes by G. E. DREIER Time 1:15 TO 3:15 Rod No. 15 816

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-30 To B.M. 27-21
Date 11-26-57
Indexed A. O. Johnson

F.B. 2422 P.G. 66

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.428		566	10.177		5.282		553	10.132	
	5.862		564			4.729		557		T D. CERICOLA
	5.298		1.130			4.172		1.110		
12	17.588	5.863		11.307		14.183	4.728		11.242	
	5.321		629			6.870		627		
	4.692		627			6.243		624		
	4.065		1.256			5.619		1.251		
13	14.078	4.693		12.563		18.732	6.244		12.493	C.I.P. PIPE
	6.072		620			6.502		627		
	5.452		622			5.875		625		
	4.830		1.242			5.250		1.252		
14	16.354	5.451		13.805		17.627	5.876		13.745	
	6.559		630			6.441		629		+ 21.937
	5.929		627			5.812		630		- 22.660
	5.302		1.257			5.182		1.259		- 0.723
15	17.790	5.930		15.062		17.435	5.812		15.204	
		21.937					22.660			B.M. 27-25 (F.C.B.M. 115-48
										BALLONA CR.
										SEE F.B. 1393-22 FOR DESC.

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-BREEZE Inst. No NR 142552
Notes by G.E. DREIER Time 1:15 TO 3:15 Rod No 15 & 16

Name MARINA DEL REY
Job No 8.910.72
From B.M. 27-30 To B.M. 27-21
Date 11-26-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.948		790	15.062		6.310		783	15.804	
	5.158		790			5.527		786		
	4.368		1.580			4.741		1.569		
16	15.474	5.158		16.642		16.578	5.526		16.473	F.C. BRASS DISC "N.W. C/W"
	6.629		461			6.511		456		
	6.168		470			6.055		456		
	5.382		929			5.599		912		
17	18.179	6.160		17.581		18.165	6.055		17.485	
	5.255		613			5.918		636		
	4.945		613			5.232		632		
	4.332		1.226			4.650		1.268		
18	14.825	4.945		18.807		15.850	5.283		18.753	
	6.348		630			6.242		628		+ 21.982 ✓
	5.718		628			5.614		626		- 22.479 ✓
	5.090		1.258			4.988		1.254		- 0.497 ✓
19	17.156	5.719		20.065		16.844	5.615		20.807	
		21.982 ✓					22.479 ✓			B.M. 27-24 F.C.B.M. 115-46
										BALLONA CR.
										SEE F.B. 1393-22 FOR DESC.

F.B. 2422 P.G. 67

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Chief of Party G.E. DREIER Weather HAZE-BREEZE Inst. No. Na142552
Notes by G.E. DREIER Time 1115 TO 3:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-30 To B.M. 27-21
Date 11-26-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.077		550	20.065		5.440		544	20.907	
	5.527		549			4.896		545		
	4.978		1.099			4.351		1.089		
20	16.582	5.527		21.164		14.687	4.896		21.996	
	5.190		632			6.835		615		+10.084
	4.558		636			6.220		618		-11.115
	3.922		1.268			5.602		1.233		- 1.031
21	13.670	4.557		22.432		18.657	6.219		22.829	
		10.084					11.115			
										F.C. B.M. 115-224A BRASS CAP 1100N. 139E N.E. OF TEL POLE, 30 FT. N. OF RED WITNESS POST
	5.848		213			4.618		246		
	5.635		213			4.372		245		
	5.422		426			4.127		491		
22	16.905	5.635		22.858		13.117	4.372		22.820	
	5.828		621			6.582		634		
	5.207		622			5.948		636		
	4.585		1.243			5.312		1.270		
23	15.620	5.207		24.101		17.842	5.947		24.090	
		10.842					10.319			

F.B. 2422 P.G. 68

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Chief of Party S.E.DREIER Weather HAZE-BREEZE Inst. No Nr.142552
Notes by G.E.DREIER Time 1:15 TO 3:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-20 To B.M. 27-21
Date 11-29-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
24	5.953 5.487 4.988 16.458 ✓	10.842 5.486 ✓	496 499 995 ✓	24.101 25096 ✓		6.663 6.162 5.660 18.490 ✓	10.319 6.163 ✓	506 502 1.008	24.890 25098	+ 16.325 ✓ - 16.482 ✓ - 0.154 ✓
	16.325 ✓					6.482 ✓				B.M. 27-23 (F.C.B.M. 115-44) BALLONA CR., 237 FT N.E. OF ONE TALL POLE SEE F.B. 1393-22 FOR DESC.
25	5.785 5.008 4.232 15.025 ✓	5.008	777 776 1.553 ✓	26649		5.815 5.072 4.330 15.217 ✓	5.072	743 742 1.485 ✓	26683	
26	6.125 5.501 4.875 16.501	5.500	624 626 1.250 ✓	27899 ✓		6.082 5.455 4.828 16.365	5.455	627 627 1.254 ✓	27837	F.B. 2422 P.G. 69
27	6.118 5.490 4.862 16.470	5.490	628 628 1.256 ✓	29155 ✓		7.121 6.490 5.859 19.470	6.490	631 631 1.262 ✓	29899	+ 15.948 ✓ - 17.017 ✓ - 1.019 ✓
	15.998 ✓					17.017 ✓				

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Chief of Party G.E. DREIER Weather HAZE - BREEZE Inst. No NK142552
Notes by G.E. DREIER Time 1:15 TO 3:15 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 2910.72
From B.M. 27-36 To B.M. 27-21
Date 11-26-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				29.155 ✓					29.899 ✓	B.M. 27-22 (F.C. B.M. 115-223A BALLONA CR. SEE F.B. 1393-21 FOR DESC. +6.785 ✓ -6.369 ✓ +0.416 ✓
28	7.299 6.785 6.272 20.356	6.785	514 513 1027 ✓	30.182 ✓		6.882 6.369 5.855 19.106	6.369	513 514 1027 ✓	30 x 26	B.M. 27-21 (F.C. B.M. 115-42) BALLONA CR. SEE F.B. 1393-21 FOR DESC.

F.B. 2422 P.G. 70

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No NN142552
Notes by G.E. DREIER Time 2:00 TO 2:30 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-30 To B.M. 27-31
Date 12-4-57
Indexed K C Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3550		639			1,655		629		B.M. 27-30
	2911		640			1,026		628		LINCOLN BLVD. & P.E. RR. BY CULVER BLVD.
	2271		1279			0398		1257		SEE F.B. 1393-25
1	8.732	2.911		1279		3.079	1.026		1257	
	7.390		321			2483		173		+9.980
	7.069		321			2.310		174		-3336
	6.748		642			2.136		347		+6.644
2	21.207	7.069		1921		6.929	2.310		1604	
	9.980					3.336				B.M. 27-31
										LINCOLN BLVD. & BALLONA CR.
										SEE F.B. 1393-25
	2494		174			7401		321		+3.433
	2.320		172			7.080		321		-10.070
	2.148		346			6.759		642		-6.647
1	6.962	2.321		346		21.240	7.080		642	F.B. 2422 P.G. 21
	1,732		630			3.629		640		B.M. 27-30
	1,102		629			2.989		638		
	0473		1259			2.351		1278		
2	3.307	1.102		1605		8.969	2.990		1920	
	3.423					10.070				

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Chief of Party G.E. DREIER Weather Inst. No.

Notes by Time Rod No.

Name MARINA DEL REY

Job No. 8910.72

From To

Date

Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2422 P.G. 72

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Chief of Party G.E. DREIER Weather FOGGY Inst. No. NK 142552
Notes by G.E. DREIER Time 9.30 TO 2:05 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-17 To B.M. 43-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2581		269		#15	6,697		271		B.M. 27-17 (U.S. 3784 Q767 1945)
	2.312		270			6.426		273		PAC. AVE & BALLONA CR.
	2.042		✓ 539 ✓			6.153		✓ 544 ✓		SEE F.B. 1393-19 FOR DESC.
1	6.935 ✓	2.312		.539 ✓	64°	19.276 ✓	6.425		.544 ✓	
	5.371		491			5.701		522		
	4.880		490			5.179		520		
	4.390 ✓		✓ 981 ✓			4.659 ✓		✓ 1042 ✓		
2	14.641 ✓	4.880		1.520		15.539 ✓	5.180		1.586 ✓	
	5.628		410			5.501		408		+ 12.410 ✓
	5.218		409			5.093		408		- 16.698 ✓
	4.809		✓ 819 ✓			4.685		✓ 816 ✓		- 4.288 ✓
3	15.655 ✓	5.218 ✓		2.339 ✓		15.279 ✓	5.093 ✓		2.402 ✓	
		12.410 ✓					16.698 ✓			B.M. CITY L.A. 10690-60
										CUT SPK IN CEM. FOOTING TO WALL
										E. SIDE SPDWY N.E. COR 58th PL.
										F.B. 2422 PG. 73
	5.945		503			5.913		500		
	5.442		501			5.413		501		
	4.941		✓ 1004 ✓			4.912		✓ 1001 ✓		
4	16.328 ✓	5.443		3.343 ✓		16.238 ✓	5.413 ✓		3.403 ✓	

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Chief of Party G.E. DREIER Weather FOGGY Inst. No NK142557
Notes by G.E. DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8916.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.741	5.443	342	3343		5.758	5.413	310	3.403	
	5.399		341			5.448		312		+ 10.842
	5.058		683			5.136		622		- 10.860
5	16.198	5.399		4.026		16.342	5.447		4.025	- 0.018
		10.842					10.860			
										B.M. 48-1 (CITY L.A. 2702.)
										57th PL. & PACIFIC AVE
										SEE CTR 1369-7 FOR DESC.
	5.392		578			6.377		579		
	4.814		579			5.798		580		+ 4.814
	4.235		1157			5.218		1159		- 5.798
6	14.441	4.814		5.183		17.393	5.798		5.184	- 0.984
										CITY L.A. 10690-60
										STD. SUR. MON. @ PAC. AVE & 56th PL.
F.B. 2422 P.G. 74	7.684		682			5.708		716		
	7.002		684			4.992		715		
	6.318		1366			4.277		1431		
7	21.004	7.001		6549		14.977	4.992		6.615	

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Chief of Party G.E. DREIER Weather FOGGY Inst. No Nr. 142552

Notes by G.E. DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REI

Job No. 891072

From B.M. 27-17 To B.M. 48-9

Date 11-27-57

Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6 002	7.001	624	6.549		6335	4.992	624	6.615	
	5.375		625			5711		623		
	4.753					5088				
5	16.133 ✓	5.378	1249 ✓	7.798 ✓		17.134 ✓	5.711	1247 ✓	7.862 ✓	
	5755		637			6.331		612		
	5.118		637			5.719		613		
	4.481					5.106				
7	5.354	5.118	1274 ✓	9.072 ✓		17.156	5.717	1225 ✓	9.087 ✓	
	5261		430			5 946		412		
	4.831		432			5,534		413		
	4.399					5,121				
10	14,491	4.830	862 ✓	9.934 ✓		16.601	5.534	825 ✓	9.912 ✓	
	5.605		230			4.534		241		+ 27.702 ✓
	5.375		230			4.293		241		- 26.247 ✓
	5.145					4.052				+ 1.455 ✓
11	16.125	5.375	460 ✓	10.394 ✓		12.879	4.293	482 ✓	10.394 ✓	F.B. 2422 P.G. 75
		27.702 ✓					26.247 ✓			CITY LA. 10690-60, CUT SPK IN CEM. FOUND, TO BERRICK 8' E. OF SPDWY, 15 FT. S. OF 52nd PL

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather LIGHT FOG Inst. No Nr.142552
Notes by G.E.DREIER Time 9:30 TO 2:05 Rod No. 15 & 16

Name MARINA DEL REY
Job No 29.10.72
From B.M 27-17 To B.M. 48-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4475		599	10394		6,123		604	11394	
	3.876		598			5.519		605		
	3.278		1.197			4914		1209		
12	11.629	3.876		11591		16.556	5.519		11603	
	5.809		350			6,576		353		+9.336
	5.459		347			6.223		352		-11.742
	5,112		697			5.871		705		-2.406
13	16380	5.460		12288		18670	6.223		12308	
		9.336					11.742			BM. 48-2 (BEACH CONTROL N-13) SPEEDWAY & 51ST AVE. SEE F.B. 1569-8 FOR DESC.
	6.775		621			6.446		627		
	6,154		623			5.819		639		
	5.531		1.244			5,190		1.266		
14	18.460	6.153		13532		17.455	5.818		13564	T P. LATTERI
	6.825		625			5.896		626		
	6.200		628			5,270		622		
	5572		1.253			4.648		1.248		
15	18597	6.199		14785		15814	5.271		14812	
		12.352					11.089			

F.B. 2422 P.G. 76

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Chief of Party S.E. DREIER Weather LIGHT FOG Inst. No Nr 142552
Notes by G.E. DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-11 To B.M. 48-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	6.424 / 5.786 / 5.151 / 17.361	12.352 / 5.787	638 / 635 / 1273	14.785 / 16.058		6.298 / 5.675 / 5.052 / 17.025	11.089 / 5.675	623 / 623 / 1246	14.812 / 16.058	
17	7.042 / 6.417 / 5.789 / 19.248	6.416	625 / 628 / 1253	17.311		6.149 / 5.520 / 4.888 / 16.557	5.519	629 / 632 / 1261	17.319	
18	5.266 / 4.733 / 4.203 / 14.202	4.734	533 / 530 / 1063	18.374		4.650 / 4.120 / 3.587 / 12.357	4.119	530 / 533 / 1063	18.382	+ 29.289 / - 26.402 / + 2.887
	29.289					26.402				CITY L.A. 10690-60 CUT SPK IN CEM. FOUND. AT S.E. COR. OIL WELL, 39.6' W. OF ℄ PAV. OF SPEEDWAY 36' N. ℄ PROD 47TH AVE. F.B. 2422 P.G. 77
19	6.966 / 6.878 / 6.790 / 20.634	6.878	088 / 088 / 176	18.550		4.002 / 3.922 / 3.843 / 11.767	3.922	080 / 079 / 159	18.541	+ 6.878 / - 3.922 / + 2.956

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZE Inst. No Nk.142552
Notes by G.E.DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REY
Job No 89/0.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				18.550					18.541	B.M. 48-3 (F.C.B.M. 115-212) SPEED WAY & 46th AVE. SEE F.B. 1369-9 FOR DESC.
	2,363		212			6,425		170		T G.E DREIER
	2,151		209			6.255		171		
	1,942		421			6.084		341		
20	6,456	2,152		18,971		18,764	6,255		18,882	
	6,608		631			5,578		623		
	5.977		630			4.955		624		
	5.347		1261			4,331		1.247		
21	17,932	5,977		20,232		14864	4,955		20,129	
	5844		641			5629		619		
	5203		640			5010		618		
	4563		1281			4,392		1.237		
22	15,610	5,203		21,513		15,031	5.010		21366	
	5576		484			5.780		491		
	5092		480			5.289		491		
	4612		964			4.798		982		
23	15,280	5,093		22477		15,867	5289		22348	
		18,425					21,509			

F.B. 2422 P.G. 78

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No NM142552
Notes by G. E. DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-21 To B.M. 48-9
Date 11-27-57
Indexed K C Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.832	18.425	250	22,477		6.880	21.509	322	22.348	+24.007 ✓
	5.582		250			6.558		321		-28.067 ✓
	5.332		500			6.237		643		- 4.060 ✓
24	16.746 ✓	5.582 ✓		22.977 ✓		19.675 ✓	6.558 ✓		22.991 ✓	
		24.007 ✓					28.067 ✓			CITY L.A. 10690-104
										PAC. AVE & 43rd AVE., STD.
										SUR. MON. AT ℄ INTER.
	6.260		108			3.828		111		
	6.152		109			3.717		111		+ 6.152 ✓
	6.043		217 ✓			3.605		222 ✓		- 3.717 ✓
25	18.455 ✓	6.152 ✓		23194 ✓		11.150 ✓	3.717 ✓		23213 ✓	+ 2.435 ✓
										B.M. 48-4 (U.S. 3782, P. 767, 1945)
										PAC. AVE & 43rd AVE.
										SEE F.B. 1369-10 FOR DESC.
										F.B. 24422, P.G. 79
	4.008		497			6.207		508		
	3.511		497			5.699		507		
	3.013		994 ✓			5.192		1015 ✓		
26	10532 ✓	3.511 ✓		24188 ✓		17.098 ✓	5.699 ✓		24228 ✓	

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No NH142552
Notes by G.E. DREIER Time 9:30 TO Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed K. C. Johnson

F.B. 2422 P.G. 80

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5438	3.511	344	24,188		4.242	5.649	35	24228	
	5.094		343			3.888		351		
	4.751		687			3.537		702		
27	15.283	5.094		24.875		11.667	3.889		24,733	
	5198		296			6849		291		+13.507
	4902		297			6.558		290		-16.146
	4605		593			6268		581		- 2.639
28	14.705	4.902		25,468		19.675	6.558		25514	
		13.507					16.146			
										B.M. 48-5 (BEACH CONTROL M-14) SPEEDWAY & 42nd AVE. SEE F.B. 1369-11
	6.021		623			5.889		624		⊼ J. MOODY
	5.398		623			5.265		624		
	4775		1246			4.641		1.248		
29	16.194	5.398		26,714		15.795	5.265		26,762	
	5.457		626			6.261		629		
	4.831		623			5.632		627		
	4.208		1.249			5.005		1.256		
30	14.496	4.832		27,963		16.898	5.632		28018	
		10,230					10.898			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No No.142552
Notes by G.E. DREIER Time 9:30 to 2:05 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-17 To B.M. 28-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
31	6.170 5.537 4.902 16.609	10.230 5.536	633 635 1268 29.231	27.963		6.228 5.598 4.969 16.795	10.898 5.598	630 629 1259 29.277	28.018	
32	7.055 6.389 5.722 19.166	6.389	666 667 1333 30.564			2.038 1.319 0.599 3.956	1.319	719 720 1439 30.716		+ 22.155 - 17.815 + 4.340
	22.155					17.815				City L.A. 10699-59 Cut Stk in Found. at S.W. cor. of Lot 6, 8' S. of S.E. ℄ S. Speedway, 44.2' S. of ℄ 37th Pl.
33	1.578 1.016 2.454 3.048	1.016	562 562 1124 31.688			5.646 5.061 4.478 15.185	5.062	585 583 1168 31.884		F.B. 2422 P.G. 81
34	5.524 4.872 4.222 14.618	4.873	652 650 1302 32.990			5.645 5.040 4.436 15.121	5.040	605 604 1209 33.093		
	5.889					10.102				

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE Inst. No Nr.142552
Notes by G.E.DREIER Time 9:30 TO Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed A. C. Johnson

F.B. 2422 P.G. 82

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.854	5.889	652	32990		5.538	10.102	600	33093	
	5.202		651			4.938		599		
	4.551		1303			4.339		1199		
35	15.607	5.202		34293		14.815	4.938		34292	
	5.775		342			6.570		348		+ 16.524
	5.433		341			6.222		349		- 21.262
	5.092		683			5.873		697		- 4.738
36	16.300	5.433		34976		18.665	6.222		34989	
		16.524					21.262			B.M. 48-6 (BEACH CONTROL N15) SPEEDWAY & 34th AVE. SEE F.B. 1369-12 FOR DESC.
	7.045		628			6868		621		
	6.417		629			6.247		622		
	5.788		1257			5.625		1243		
37	19.250	6.417		36233		18.740	6.247		36232	
	6.578		623			6691		630		
	5.955		624			6.061		628		
	5.331		1247			5.433		1258		
38	17.864	5.955		37480		18.185	6.062		37490	
		12.372					12.309			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 1142552
Notes by G.E. DREIER Time 9.30 TO 2.05 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8916.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.828	12.372	625	37.480		6.398	12.309	621	37.490	
	5.203		622			5.778		620		+ 17.576
	4.581		247			5.158		1241		- 18.087
39	15.612	5.204		38.727		17.334	5.778		38.731	- 0.511
		17.576					18.087			CITY L.A. 1069-59 CUT SQR. 3.5'N. OF N. CURB WASHINGTON ST. 19'E. OF SPEEDWAY (N.W. COR. C.3)
	6.312		500			5.668		497		
	5.812		501			5.171		496		
	5.311		1001			4.675		993		
40	17.435	5.812		39.728		15.514	5.171		39.724	
	5.870		282			6.547		289		+ 11.400
	5.588		283			6.258		289		- 11.429
	5.305		565			5.969		578		- 0.029
41	16.763	5.588		40.293		18.774	6.258		40.302	
		11.400					11.429			BM. 48-7 PAC. AVE & WASHINGTON ST. SEE F.B. 1369-13 FOR DESC.

F.B. 2422 P.G. 63

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by G.E. DREIER Time 9:30 TO 2:05 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 27-17 To B.M. 48-9
Date 11-27-57
Indexed C. Johnson

F.B. 2422 P.G. 84

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6406		286	40.293		5,733		283	40.302	
	6.120		287			5,450		283		M. CERICULA
	5,833		573			5,167		566		
42	18.359	6.120		40,366		16,350	5,450		40,868	
	5508		500			6,142		493		
	5,008		500			5,649		497		
	4.508		1000			5.152		990		
43	15,024	5,008		41,866		16,943	5,648		41,858	
	5.642		250			5,395		247		
	5.392		250			5,148		248		
	5,142		502			4,900		495		
44	16,176	5.392		42366		15,443	5,148		42353	
	5,641		625			5,471		622		
	5,016		626			4,849		624		
	4,390		1251			4,225		1246		
45	15.047	5,016		43,617		14,545	4,848		43,599	
	5,502		329			6,381		325		+ 26.710
	5,173		325			6,056		326		- 27.150
	4,848		654			5,730		651		- 0.440
46	15523	5,174		44,271		18,167	6,056		44,250	
	26,710					-27.150				

76P526 S & E #379 1-54

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Chief of Party C.E. DREIER Weather HAZE Inst. No N-142552
Notes by C.E. DREIER Time 9:30 TO 2:05 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 27-17 To B.M. H8-9
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				44.271					44.250	B.M. H8-8 (BEACH CONTROL N-17) SPEEDWAY & 29th AVE SEE F.B. 1369-14 FOR DESC
47	7.291 6.668 6.041 20.000	6.667	623 627 1250	45.521		5.119 4.491 3.567 13.177	4.492	628 624 1.252	45.502	
48	5.839 5.611 5.393 16.833	5.611 12.278	228 228 456	45.977		5.332 5.109 4.885 15.326	5.109 9.601	223 224 447	45.949	+ 12.278 - 9.601 + 2.677
										B.M. H8-9 (U.S. 4665, MM-767 '945) SPEEDWAY & 27th PL. SEE F.B. 1369-15 FOR DESC. F.B. 2422 PG. 85

76P526 S & E #379 1-54

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Chief of Party G.E DREIER Weather Inst. No.

Notes by Time Rod No.

Name MARINA DEL REY

Job No. 8910.72

From To

Date

Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2422 P.G. 86

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 2:05 TO 3:30 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 48-9 To B.M. 27-17
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.316		224			5.816		227		B.M. 48-9 (U.S. 4665, M-767 1945)
	5.086		223			5.589		229		SPEEDWAY & 2ND PL.
	4.863		447			5.360		456		SEE F.B. 1369-15 FOR DESC.
1	15.259	5.086		.447		16.765	5.588		.456	
	5.129		628			7.300		621		⊼ N. CERICOLA + 9.587
	4.501		629			6.679		624		- 12.266
	3.872		1.257			6.055		1.245		- 2.679
2	13.502	4.501		1.704		20.034	6.678		1.701	
	6.408	9.587	328			5.523	12.366	325		B.M. 48-8 (BEACH CONTROL U-17)
	6.080		327			5.198		326		SPEEDWAY & 29TH AVE.
	5.753		655			4.872		651		SEE F.B. 1369-14 FOR DESC.
3	18.241	6.080		2.359		15.593	5.198		2.352	
	5.328		627			5.490		622		
	4.701		629			4.868		626		
	4.072		1.256			4.242		1.248		
4	14.101	4.700		3.615		14.600	4.867		3.600	
	5.332		250			5.577		250		
	5.082		250			5.327		249		
	4.832		500			5.078		499		
5	15.246	5.082		4.115		15.982	5.327		4.099	
	15.862					15.392				

F.B. 2422 P.G. 87

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - BREEZE Inst. No NR142552
Notes by G. E. DREIER Time 2:05 TO 3:30 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 48-9 To B.M. 27-17
Date 11-27-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.071 5.572 5.072 16.715	15.862 5.572	499 500 999 5.114	11.115		5038 4.932 4435 14.398	15.392 4.933	496 494 990 5.089	4.099	
7	5.702 5.418 5.131 16.251 26.851	5.417	284 287 571 5.635			6370 6.089 5.805 18.264 26.413	6.088	281 280 565 5.654		+26851 -26.413 +0.438
										B.M. 48-7 WASHINGTON ST. & PAC. AVE. SEE F.B. 1369-13 FOR DE
8	6.381 6.098 5.815 18.294	6.098	283 283 566 6.251			5.714 5.428 5.141 16.283	5.428	286 287 573 6.227		
9	5.521 5.021 4.521 15.063 11.119	5.021	500 500 1000 8.251			6.159 5.661 5.162 16.982 11.089	5.661	498 499 997 7.224		+11.119 -11.089 +0.030

F.B. 2422 P.G. 88

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-BREEZE Inst. No. Nr 142552
Notes by G. E. DREIER Time 2:05 TO 3:30 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 48-9 To B.M. 27-17
Date 11-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				7.251					7.224	CITY L.A. 10690-59, CUT SPK 3.5' N. OF N. CURB WASHINGTON ST., 19' E. OF SPEEDWAY, (N.W. COR C.B.)
10	6.257 5.631 5.008 16.896	5.632	626 623 1249	8.500		5.678 5.059 4.440 15.177	5.059	619 619 1.238	8.462	
11	6.542 5.915 5.288 17.745	5.915	627 627 1.254	9.754		6.432 5.809 5.184 17.425	5.808	623 625 1.248	9.710	
12	6.652 6.031 5.410 18.093	6.031	621 621 1.242	10.996		6.830 6.201 5.573 18.604	6.201	629 628 1.257	10.967	+ 17.578 - 17.068 + [illegible]
		17.578					17.068			B.M. 48-6 (BEACH CONTROL N-13) SPEEDWAY & 34th AVE. SEE F.B. 1369-12 FOR DESC.

F.B. 2422 P.G. 89

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE · BREEZE Inst. No Vr 142552
Notes by G.E.DREIER Time 2:05 TO 3:30 Rod No 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 48-9 To B.M. 27-17
Date 1-27-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.479		346	10.996 ✓		5.688		343	10967 ✓	
	6.133		347			5.345		344		
	5.786		693 ✓	11.689 ✓		5.001		687 ✓	11.654 ✓	
13	18398 ✓	6.133				16034 ✓	5.345			
	5.478		624			5.743		624		
	4.854		626			5.119		624		
	4.228		1.250 ✓	12.939 ✓		4.495 ✓		1.248 ✓	12.902 ✓	
14	14.560	4.853				15357 ✓	5.119			
	5.920		628			5.743		619		
	5.292		629			5.124		622		
	4663		1.257 ✓	14.196 ✓		4.502 ✓		1.241 ✓	14.143 ✓	
15	15.875	5.292				15369 ✓	5.123			
	5.868		576			1.813		564		+ 21.571 ✓
	5.292		573			1.249		565		- 16.836 ✓
	4.719		1.149 ✓	15345 ✓		0.684 ✓		1.129 ✓	15.272 ✓	+ 4.735 ✓
16	15.879	5.293				3.746	1.249			
		21.571 ✓					16.836 ✓			

City L.A. 10690-59 CUT SPK IN FOUND. AT S.W. COR. OIL WELL, 18' E. OF ℄ SPEEDWAY, 42' S. OF ℄ 37TH PL.

F.B. 2422 P.G. 90

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE - BREEZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 2:05 TO 3:30 Rod No 15 & 16

Name MARINA DEL REY
Job No 8910.72
From B.M. 48-9 To B.M. 27-17
Date 11-27-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.984		667	15.305 ✓		7.039		652	15.272 ✓	
	1.317		668			6.387		655		
	0.349 ✓		1.335 ✓			5.732 ✓		1.307 ✓		
17	3.950 ✓	1.317		16.680 ✓		19.158 ✓	6.386		16.579 ✓	
	6.178		628			6.123		632		
	5.550		622			5.491		633		
	4.021		1.250 ✓			4.858		1.265 ✓		
18	16.649	5.550		17.937 ✓		16.472	5.491		17.844 ✓	
	6.314		630			5.509		626		
	5.684		628			4.883		625		
	5.056 ✓		1.258 ✓			4.258 ✓		1.251 ✓		
19	17.054	5.685		19.195 ✓		14.650	4.883		19.095 ✓	+ 17.752 ✓
	5.824		627			5.456		623		- 22.094 ✓
	5.199		624			5.333		620		- 4.342 ✓
	4.575 ✓		1.251 ✓			4.713 ✓		1.243 ✓		
20	15.600	5.200		20.446 ✓		16.002	5.334		20.338 ✓	
		17.752 ✓					22.094 ✓			B.M. 48-5 (BEACH CONTROL N-14) SPEEDWAY & 42nd AVE SEE F.B. 1369-11

F.B. 2422 PG. 91

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE - SUN Inst. No. NK 192552
Notes by J. MOODY Time 8:30 to 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6631		296	20.446 ✓		4970		292	20.338 ✓	
	6335		296			4678		290		
	6039		592 ✓			4388 ✓		582 ✓		
21	19005 ✓	6.335		21.038 ✓		14036 ✓	4.679		20920 ✓	
	4221		350			5422		344		
	3871		349			5078		347		
	3522		6991			4731		691 ✓		
22	11.614	3.871		21737 ✓		5231	5077		21611 ✓	
	6110		488			3949		518		+ 15.829 ✓
	5622		485			3431		519		- 13.187 ✓
	5137		973 ✓			2912		1037 ✓		+ 2.642 ✓
23	16.869	5.623		22710 ✓		10.292	3.431		22648	
		15.829 ✓					13.187 ✓			BM. 48-4 (U.S. 3782, P-767 1945 PAC. AVE & 43RD AVE SEE F.B. 1369-10 FOR DESC.
F.B. 2422 P.G. 92										
	3740		116			6167		108		+ 3.624 ✓
	3624		115			6059		107		- 6.059 ✓
	3509 ✓		231 ✓			5952 ✓		215 ✓		- 2.435 ✓
24	10.873 ✓	3.624		22941 ✓		18178 ✓	6.059		22863	

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE - SUN Inst. No NK 14235
Notes by J. MOODY Time 8:30 TO 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From Bm 48-9 To Bm 27-17
Date 11-29-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				22.941					22.863	City L.A. 10690-104 PAC. AVE & 43RD AVE. STD. SUR. MON. AT ℄ INTER.
	6814		287			5827		279		
	6527		289			5548		280		
	6238		576			5268		559		
25	19579	6526		23517		16643	5548		23422	
	5542		490			5329		472		
	5052		490			4857		475		
	4562		980			4382		947		
26	15156	5052		24497		14568	4856		24369	
	5572		589			5842		667		
	4983		586			5175		665		
	4397		1175			4510		1332		
27	14952	4984		25672		15527	5176		25701	
	5437		626			6462		630		
	4811		622			5832		631		
	4189		1248			5201		1261		
28	14437	4812		26920		17495	5832		26962	
		21374					21412			

F.B. 2422 P.G. 93

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. NR 142552
Notes by J. MOODY Time 8:30 to 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6423	21.374	168	26.920		2360	21.412	208	26.962	
	6255		168			2152		208		+27.629
	6087		336			1944		416		-23.564
29	18765	6.255		27256		6456	2.152		27378	+4.065
		27.629					23.564			
										BM. 48-3 (F.C. B.M. 115-212) SPEEDWAY & 46th AVE. SEE F.B. 1369-9 FOR DESC.
	3705		080			6668		086		+3625
	3625		079			6582		088		-6.581
	3546		159			6494		174		-2.956
30	10.876	3.625		27415		19744	6.581		27552	
										City L.A. 10690-60 CUT SPK IN CEM FOUND AT S.E. COR. OIL WELL, 36.6 W. of ℄ PAV. of SPEEDWAY, 35% N. ℄ PROD. 46th AVE
	4742		561			5302		504		
	4181		561			4798		503		
	3620		122			4295		10x7 0		
31	12543	4.181		28537		14395	4.798		28559	

F.B. 2422 P.G. 94

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE SUN Inst. No. NK 192552
Notes by J. MOODY Time 8:30 to 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 48-9 To BM 27-17
Date 11-24-52
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5883	4.181	632	28.537		6776	4.799	627	28.589	
	5251		628			6149		627		
	4623		1260			5522		1254		
32	15757	5.252		29797		18447	6.199		29823	
	6221		622			6345		636		
	5599		624			5709		633		
	4975		1246			5076		1269		
33	16795	5.598		31043		17130	5.710		31092	
	5749		624			6680		625		
	5125		623			6055		628		
	4502		1247			5427		1253		
34	15376	5.125		32290		18162	6.054		32335	
	6096		628			6827		622		
	5868		624			6205		623		
	5244		1252			5582		1245		
35	17608	5.869		33542		18614	6.205		33580	
		26.025					28.916			+26.025 -28.916 -2.891 BM 48-2 (BEACH CONTROL N-13) SPEEDWAY & 51ST AVE SEE F.B. 1369-8 FOR DESC.

F.B. 2422 PG. 85

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No Nr 142552
Notes by J. MOODY Time 8:30 to 11:45 Rod No. 15 #16

Name MARINA DEL REY
Job No. 8910.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6530		350	33.542		5767		352	33.590 8	
	6180		350			5415		353		⊼ J. MOODY
	5830		700			5062		705		
36	18.540	6.180		34242		16.244	5.415		34285	
	6158		605			4511		598		+11.734
	5553		602			3912		598		− 9.327
	4951		1207			3314		1196		+ 2,407
37	16.662	5.554		35449		11737	3.912		35481	
		11.734					9.327			CITY L.A. 10690-60, CUT SPK. IN CEMENT. FOUND. TO DERRICK 8'E OF SPDWAY, 15'S. OF 52ND PL.
	4367		238			5437		228		
	4129		239			5211		227		
	3890		477			4984		455		
38	12.386	4.129		35926		15.632	5.211		35936	
	5928		413			5243		431		
	5515		413			4812		432		
	5102		826			4380		863		
39	16.545	5.515		36752		14.435	4.813		36799	
		9.644					10.022			

F.B. 2422 P.G. 96

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. N-162552
Notes by T. OHASHI Time 8:30 TO 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 89.10.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6287	9.644	626	36752		5687	10.022	622	36799	
	5661		624			5061		624		
	5037		1250			4437		1250		
40	16985	5.662		38602		15185	5.062		38599	
	6209		624			5879		624		
	5585		625			5255		626		
	4960		1249			4629		1250		
41	16754	5.585		39291		15763	5.254		39349	+ 25.882
	5687		697			7700		701		− 27.337
	4990		695			6999		700		− 1.455
	4295		1392			6299		1401		
42	14972	4.991		40683		20998	6.999		40700	
		25.882					27.337			CITY L.A. 10690-60
										STD. SUR. MON. @ PAC. AVE & 56TH PL. F.B. 2422 P.G. 97
	6382		587			5388		573		
	5795		587			4815		574		+ 5.795
	5208		1174			4241		1147		− 4.815
43	17385	5.795		41817		14444	4.815		41857	+ 0.980

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. N-142552
Notes by T. OHASHI Time 8:30 TO 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				41.817					41.857	BM. 48-1 (CITY L.A. 27.M) 57TH PL. & PACIFIC AVE. SEE F.B 1369-7 FOR DESC.
	5713		323			5671		330		
	5390		323			5341		329		
	5067		646			5012		659		
44.	16.170	5.390		42463		16.024	5341		42.5 0 6	
	5928		502			5957		500		+10.816
	5426		503			5457		500		-10.798
	4923		1005			4957		1000		+0.018
45.	16.277	5.426		43468		16.371	5.457		43.5 0 6	
		10.816					10.798			B.M. CITY L.A. 10690-60 CUT SPK. IN CEM. FOOTING TO WALL E. SIDE SPDWAY N.E. COR 58TH PL.
	5533		421			5635		400		
	5112		420			5235		400		
	4692		841			4835		800		
46	15.337	5.112		44309		15.705	5.235		44.3 0 6	

F.B. 2422 P.G. 98

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. N-142552
Notes by T. OHASHI Time 8:30 TO 11:45 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 2910.72
From BM 48-9 To BM 27-17
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5805	5.112	524	44.309		5473	5.235	1.690	44.356	
	5281		522			9983		490		+16.718
	4759		1046			9493		980		-12.429
47	15845	5.282		45.355		14.949	4.983		45.276	+4.289
	6583		259			2991		280		BM. 27-17 (U.S. 3784, Q 767 1945)
	6324		259			2211		280		PAC. AVE. & BALLONA CREEK
	6065		518			1931		560		SEE F.B. 1393-19 FOR DESC.
48	18972	6.324		45.873		6.633	2.211		45.876	
		16.718					12.429		45.873	
									91.749	

F.B. 2422 P.G. 99

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name MARINA DEL REY
Job No. 890.72
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 2422 P.G. 100

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE-SUN Inst. No. NK192552
Notes by J.MOODY Time 1:45 to 3:10 Rod No. 15 #16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-30 To BM "CITY VEN. H3A
Date 11-29-57
Indexed A.C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2349		634		#15	6060		628		BM. 27-30 (CITY L.A. CULVER BL. & LINCOLN BLVD. SEE F.B. 1393-25 FOR DESC.
	1715		635			5432		626		
	1080		1269			4806		1254		
1	5.144	1.715		1269	68°	16.298	5.433		1254	
	5118		628			5942		631		T. OHASHI
	4490		625			5311		629		
	3865		1253			4682		1260		
2	13.473	4.491		2522		15.935	5.312		2514	
	5439		631			5118		631		
	4808		630			4487		629		
	4178		1261			3858		1260		
3	14.425	4.808		3783		13.463	4.488		3774	
	5105		627			4727		625		
	4478		628			4102		623		
	3850		1255			3479		1248		
4	13433	4.478		5038		12308	4.103		5022	
	5272		617			5898		632		
	4655		616			5266		631		
	4039		1233			4635		1263		
5	13966	4.655		6271		15.799	5.266		6285	
		20,147					24,602			

F.B. 2422 P.G. 101

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. NK 142552
Notes by J. MOODY Time 1:45 to 3:10 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From BM 27-30 To BM VEN. H-3A
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5182	20.147	623	6271		5981	24.602	630	6285	
	4559		621			5351		628		+ 29.523
	3938		1244			4723		12x8		− 35.990
6	13679	4.560		7515		16055	5.352	5	7.5~~0~~4 3	− 6.467
	5150		333			6351		315		(VEN.) 4?
	4817		335			6036		316		(CITY L.A. MON. E-3, 1951)
	4482		668			5720		631		LINCOLN BLVD. AT P.P. #11072 8-M
7	14449	4.816		8183		18107	6.036		81~~3~~7 4	S.W. EDGE OF CON. PAV.
	6027	29.523	634			5789	35990	628		
	5393		630			5161		629		
	4763		1264			4532		1257		
8	16183	5.394		9447		15482	5.161		9~~39~~43 1	
	5483		618			4872		633		
	4865		616			4239		631		
	4249		1234			3608		1264		
9	14597	4.866		10681		12719	4.240		106~~5~~9 5	
	5604		631			5085		623		
	4973		627			4462		622		
	4346		1258			3840		1245		
10	14923	4.974		11939		13387	4.462		11~~9~~40	
		15.234					13863			

F.B. 2422 P.G. 102

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No NK 142552
Notes by J. MOODY Time 1:45 to 3:10 Rod No 15 E 16

Name MARINA DEL REY
Job No. 8910.72
From BM. 27-30 To BM. VEN. H-3A
Date 11-29-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5729	15.234	620	11.939		5206	13.863	631	11.980	
	5109		618			4575		631		
	4491		1238			3944		1262		
11	15.329	5.110		13177		13725	4.575		13162	
	5595		626			5079		629		+30.441
	4969		623			4450		629		-28.427
	4346		1249			3821		1258		+2.014
12	14.910	4.970		10026		13350	4.450		14420	
	5382		255			5810		271		CITY L.A. MON. VENICE H-3A, 1951
	5127		254			5539		271		(10698-107) STD TRAV. MON. H-3A,
	4873		509			5268		542		1½' E. OF W. EDGE OF CONC. PAV.,
13	15.382	5.127		14935		16617	5.539		15962	LINCOLN BLVD. 14' N. OF POLE # 1107901
		30.44					28.427			℄ .2 MI. S. OF TRACKS
										SUMMATION OF RUN
										DIF IN ELEV. BM. 27-30 TO VEN. H-3 -6.467
										" " " VEN. H-3 TO VEN. H-3A +2.014
										" " " BM. 27-30 TO VEN. H-3A -4.453

F.B. 2422 P.G. 1&3

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. Nr 142552
Notes by J. MOODY Time 3:10 to 4:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From CITY L.A. MON. VEN. H-3A To BM 27-30
Date 11-29-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5746		262		#15	5339		266		CITY L.A. MON. VENICE H-3A, 1951
	5484		261			5073		263		LINCOLN BLVD., AT P.P.# 110719-M
	5223		523			4810		529		S.W. EDGE OF CON. PAV.
1	16453	5.484		523	68°	15222	5074		529	
	5164		626			5685		625		
	4538		628			5060		628		T. OHASHI
	3910		1254			4432		1253		
2	13612	4.537		1777		15177	5.059		1.782	
	5167		625			5700		625		
	4542		624			5075		624		
	3918		1249			4451		1249		
3	13.627	4.542		3.026		15.226	5.075		3031	
	5170		622			5691		629		
	4548		623			5062		630		
	3925		1245			4432		1259		
4	13643	4548		4271		15185	5.062		4290	
	4903		625			5530		627		
	4278		626			4903		625		
	3652		1251			4278		1252		
5	12833	4.278		5.522		14711	4.904		5.542	
		23.389					25.174			

F.B. 2422 P.G. 104

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE-SUN Inst. No. NK 192552
Notes by J. MOORY Time 3:10 to 4:00 Rod No. 15 #16

Name MARINA DEL REY
Job No. 8910.72
From City L.A. MON To BM 27-30
Date 11-29-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5759	23.389	630	5522		5996	25.174	634	5542	CITY L.A. MON H-3, 1951
	5129		627			5362		632		LINCOLN BLVD., AT PP# 110728-M
	4502		1257			4730		1266		S.W. EDGE OF CON. PAD.
6	15396	5.130		6779		16088	5.363		6808	
	6413	28.519	315			5212	30.537	332		+ 28.519
	6098		316			4880		333		− 30.537
	5782		631			4547		665		DIFF. VEN H-3A TO H-3 − 2.018
7	18293	6.098		7410		14639	4.880		7473	
	6192		626			5395		623		
	5566		627			4772		622		
	4939		1253			4150		1245		
8	16697	5.566		8663		14317	4.772		8718	
	6092		624			5478		623		
	5468		625			4855		620		
	4843		1249			4235		1243		
9	16403	5.468		9912		14568	4.856		9961	
	5109		640			5453		610		
	4469		639			4843		611		
	3830		1279			4232		1221		
10	13408	4.469		11191		14528	4.843		11182	
		21601					19351			

F.B. 2422 P.G. 105

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. NC142552
Notes by J. MOODY Time 3:10 to 4:00 Rod No. 15 & 16

Name MARINA DEL REY
Job No. 8910.72
From CITY H-3A L.A. MON. To BM 27-30
Date 11-29-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5393	21.601	626	11.191		5720	19.351	631	11.182	
	4767		628			5089		629		
	4139		1254			4460		1260		
11	14299	4.766		12445		15269	5.090		12442	
	5981		631			5157		627		+ 37.315
	5350		630			4530		628		− 30.851
	4720		1261			3902		1255		+ 6.464
12	16051	5.350		13706		13589	4.530		13697	
	6224		625			2513		634		BM 27-30 (CITY L.A.
	5599		629			1879		630		CULVER BL. & ROOSEVELT HWY
	4970		1254			1249		1264		SEE F.B. 1393-25 FOR DESC.
13	16793	5.598		14960		5641	1.880		14961	
		37.315					30851			
										SUMMATION OF RUN
						DIFF. IN ELEVATION				VEN. H-3A TO VEN. H-3 −2.018
						"	"	"		VEN. H-3 TO BM. 27-30 +6.464
						"	"	"		VEN. H-3A TO B.M. 27-30 +4.446

F.B. 2422 P.G. 106

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. NI 142552
Notes by J. MOORY Time 1:20 to 1:30 Rod No. 15 #16

Name MARINA DEL REY
Job No. 8910.72
From B.M. 48-7 To B.M. CITY 29-M
Date 12-4-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4562		634		#15	9030		622		B.M. 48-7
	3928		631			8408		622		PAC. AVE & WASHINGTON ST.
	3297		1265 ✓			7786 ✓		1244 ✓		SEE f.B. 1369-13 FOR DES.
1	11.787 ✓	3.929		1265 ✓	66°	25224	8.408		1244 ✓	
	3507		434			6049		438		T PLOTHEL
	3073		435			5611		435		
	2638		869 ✓			5176		873 ✓		
2	9.218	3.073		2134 ✓		16836	5.612		2117 ✓	
	5844		266			5939		268		B.M. CITY DISK MARKED 29-M
	5578		268			5671		264		IN 8" MON., 2.2' N. OF N. CURB
	5310		534 ✓			5407		532 ✓		WASHINGTON ST & 9' W. OF
3	16.732	5.577		2668 ✓		17017	5.672		2649 ✓	SAN BORN AVE.
										SUMMATION OF RUN
										B.M. 48-7 TO CITY L.A. 29-M
										TOTAL BACKSIGHTS +12.579 ✓
										TOTAL FORESIGHTS -19.692 ✓
										DIF. IN ELEV. -7.113 ✓
		12.579 ✓					19.692 ✓			

F.B. 2422 P.G. 107

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No NK142512
Notes by J. MOONEY Time 1:30 to 1:40 Rod No. L-816

Name MARINA DEL REY
Job No. 8910.72
From BM CITY 29-M To BM 48-7
Date 12-4-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5918		268			5824		267.		BM CITY DISK MARKED 29-M1
	5650.		267			5557		267		IN 8" MON., 2.2' N. OF N. CURB
	5383		535 ✓			5290		534		WASHINGTON ST., 9' N. OF SAN BORNI AVE
1	16951	5650		535 ✓		16671	5557		534 ✓	
	6017		437.			3475		433.		TP PLOTTED
	5580.		438			3042		435		
	5142		875 ✓			2607		868 ✓		
2	16739	5580		1410 ✓		9124	3041		1402 ✓	
	8962		621.			4493		631.		BM 48-7
	8341		622			3862		631		WASHINGTON ST. & PAC. AVE.
	7719		1243 ✓			3231		1262 ✓		SEE F.B. 1269-13 FOR DESC.
3	25022	8341		2653 ✓		11586	3862		2664 ✓	
										SUMMATION OF RUN
										B.M. CITY 29M TO BM 48-7
										TOTAL BACKSIGHTS +19.571 ✓
										TOTAL FORESIGHTS -12.460 ✓
										DIFF IN ELEV. +7.111 ✓

F.B. 2422 P.G. 108

19.571 ✓ 12.460 ✓

Notes Ck'd by	Survey of FRICK RANCH REG. PARK
Map No.	W. O. 0055.22 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. D. Date 2-58
Date	Indexed C. Johnson

F. B 2422 Pg. 109

PRECISE LEVEL LINE NO. 53
JOB NO. 0055.22
FRICK RANCH REGIONAL PARK

WHEELER & LAVERNE RD. FROM BASE LINE RD, THROUGH FRICK RANCH TO WEBB CN. RD, TO BASE LINE RD, BACK TO WHEELER & LA VERNE RD.

DREIER
MOODY
OHASHI
CERICOLA
ALWIN

SEE F.B. 3718-55 TO 106
FOR ADDITIONAL B.M.'s & DESCRIPTIONS

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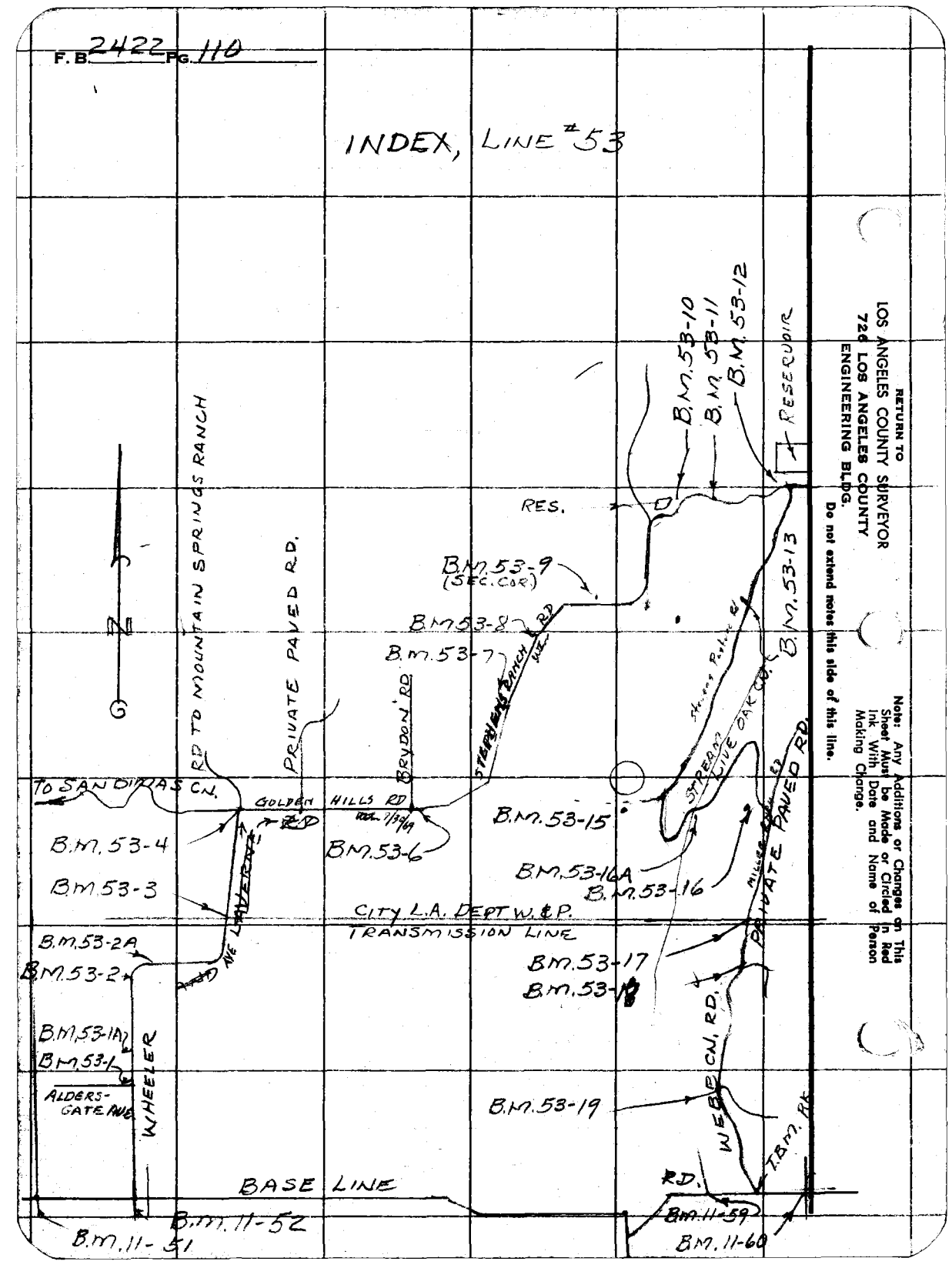
F. B. 2422 Pg. 110

INDEX, LINE #53



Notes Ck'd by	Survey of ERICK RANCH REG. PARK
Map No.	W. O. 0055.22 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-18-58
Date	Indexed

F. B. 2422 Pg. 111

B.M. 53-1

WHEELER ~~& LAVERNE RD.~~ AVE AND ALDERSGATE DR., N.W. COR, 1.4 FT BACK OF CURB AT N. END OF CURB RETURN, A STD. CO. ENGR. B.M. CAP STAMPED "B.M. 53-1 1958 RE 5869" IN TOP OF A 12 INCH CONC. POST FLUSH WITH TOP OF CURB, WITH BUTTON

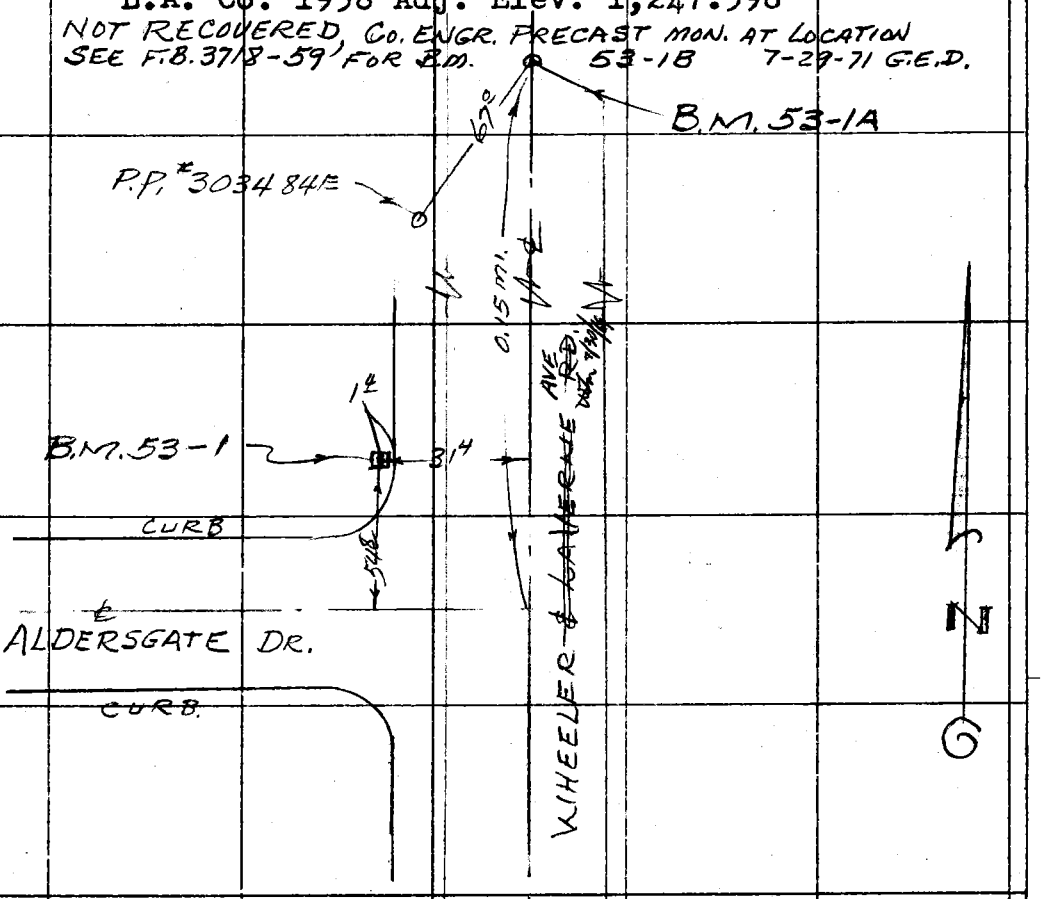
L.A. Co. 1958 Adj. Elev. 1,231.465

B.M. 53-1A

WHEELER ~~& LAVERNE ROAD~~ AVE 0.15 MI. N. OF ALDERSGATE DR, A BRASS PIN AND CO. ENGR. TAG IN ¾ IN. PIPE SET IN CONC. ON ℄, 6 IN DEEP UNDER CAST IRON COVER.

L.A. Co. 1958 Adj. Elev. 1,247.598

NOT RECOVERED, CO. ENGR. PRECAST MON. AT LOCATION SEE F.B. 3718-59 FOR B.M. 53-1B 7-28-71 G.E.D.



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76F3095 S&E #247. 8-54

F.B. 2422 PG. 112

B.M. 53-2

WHEELER & ~~LAVERNE RD~~ AVE AT CURVE TO E. 0.9 MI. N. OF BASELINE RD., ON ℄ PROD. TO N., ~~24 FT. S. OF A LIVE OAK, 22.3~~ 28.9 FT N.E. OF POWER POLE # ~~303649E~~ G24887Y, A STD. CO. ENGR. PRECAST MON. STAMPED ~~FLUSH~~ 18 INCHES DEEP (7-29-71 G.E.D.)

COUNTY ENGINEER R.P.P.I. 25.00 R.E. 5869

L.A. Co. 1958 Adj. Elev. 1,291.398

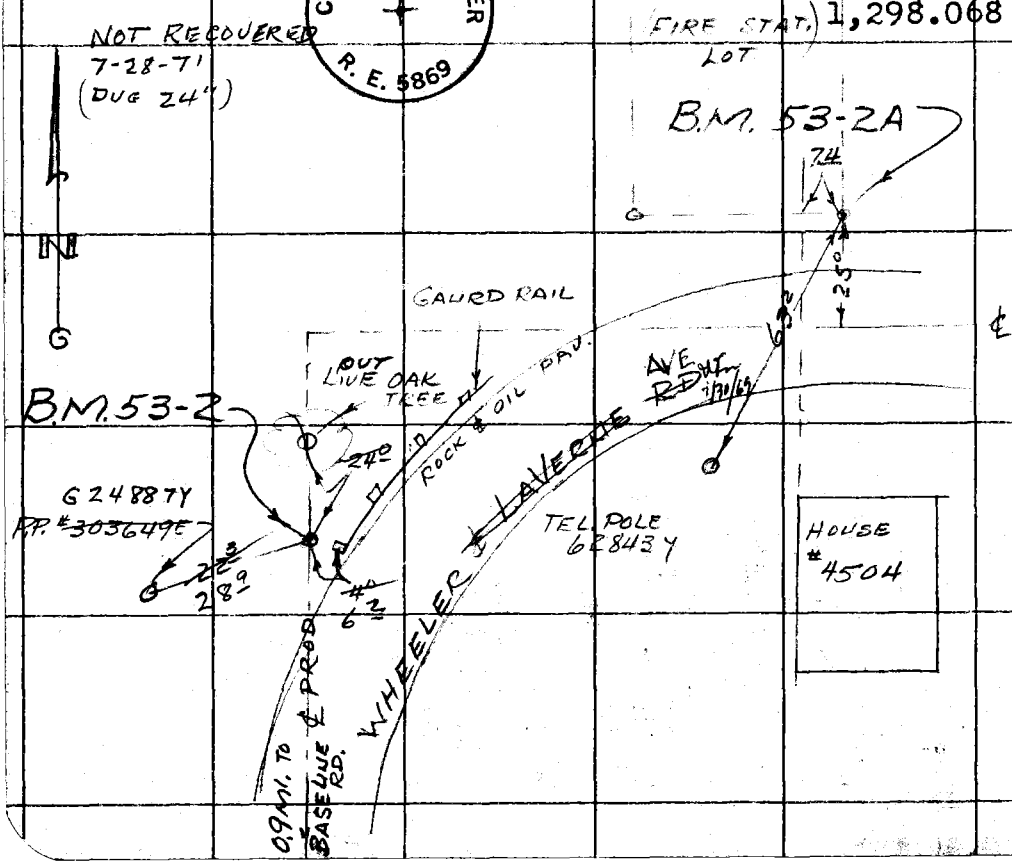
B.M. 53-2A

WHEELER & ~~LAVERNE RD~~ AVE AT E. END OF A CURVE TO E, 0.9 MI. N. OF BASELINE RD., OPPOSITE HOUSE NO. 4504 AT S.E. COR. OF LOT FOR PROPOSED FIRE STATION, A STD. PRECAST MON. STAMPED FLUSH

COUNTY ENGINEER LOT COR. R.E. 5869

L.A. Co. 1958 Adj. Elev. 1,298.068

NOT RECOVERED 7-28-71 (DUG 24")



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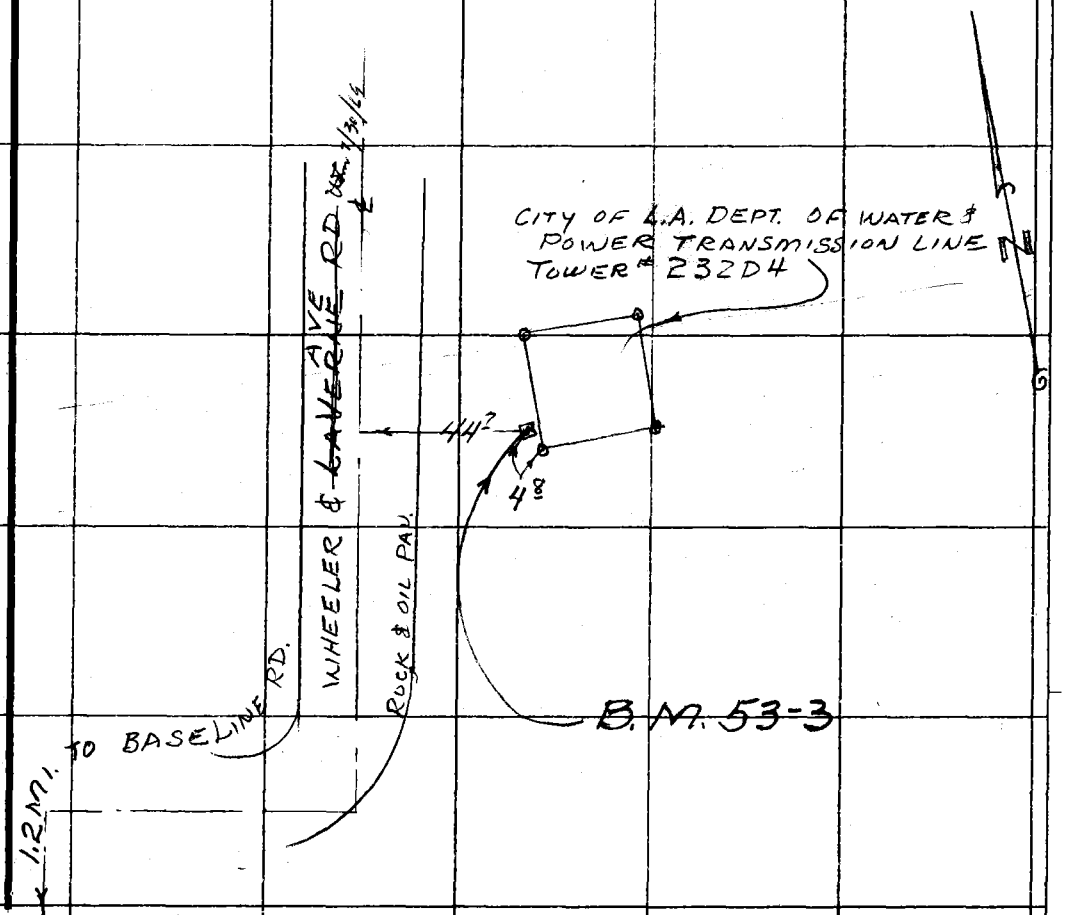
Map No.	W. O. 0935.22 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D. Date 2-10-58
Date	Indexed

B.M. 53-3

WHEELER ~~BLAVERNE~~ AVE. RD., 1.2 MI. N. OF BASE LINE RD., 44.7 FT. E. OF ℄, 4.8 FT. N.W. OF S.W. COR. OF CITY OF L.A. DEPT. OF WATER & POWER TRANSMISSION LINE TOWER # 232D4, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-3 1958 R.E. 5869" IN TOP OF 12 INCH CONC. POST 4 INCHES ABOVE GROUND. WITH BUTTON

L.A. Co. 1958 Adj. Elev. 1,324.696



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F.B. 2422 PG. 114

B.M. 53-4

WHEELER AVE & GOLDEN HILLS RD. ~~WHEELER & LA VERNE RD.~~ AT JUNCTION OF ROADS TO SAN DIMAS CANYON ARD TO MOUNTAIN SPRINGS RANCH, AT ℄ INTERSECTION, A STD PRECAST MON. STAMPED 6 INCHES DEEP UNDER CAST IRON COVER.

L.A. Co. 1958 Adj. Elev. 1,407.935

COUNTY ENGINEER
R.E. 5869

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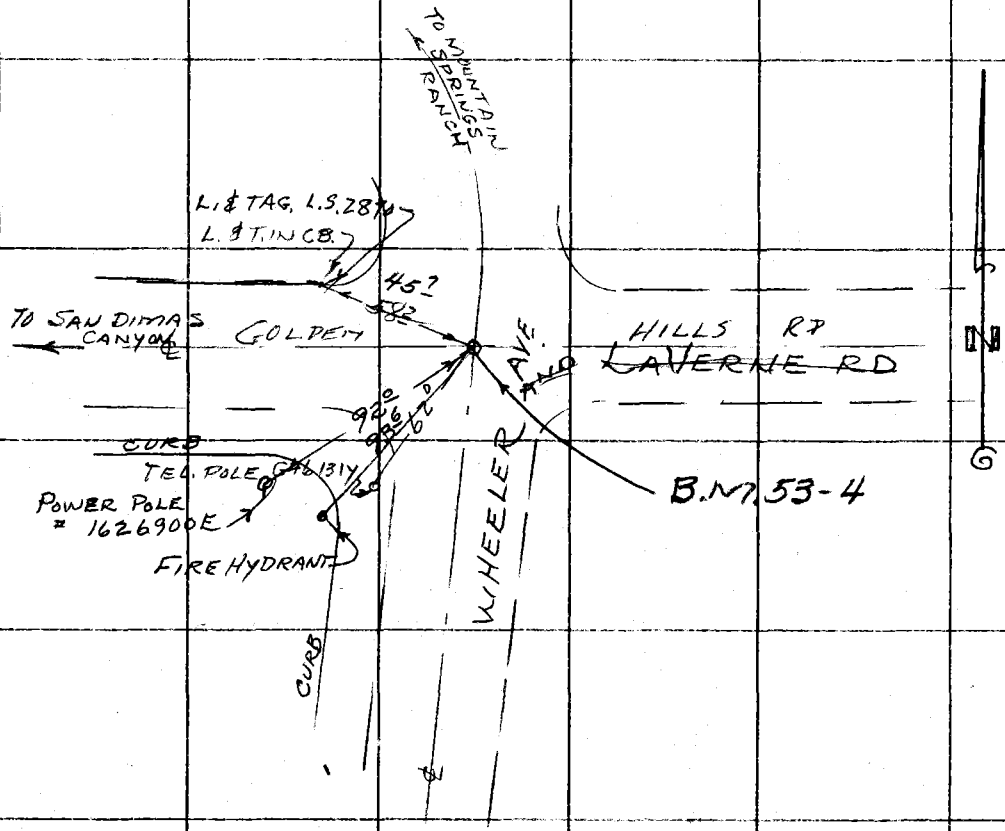

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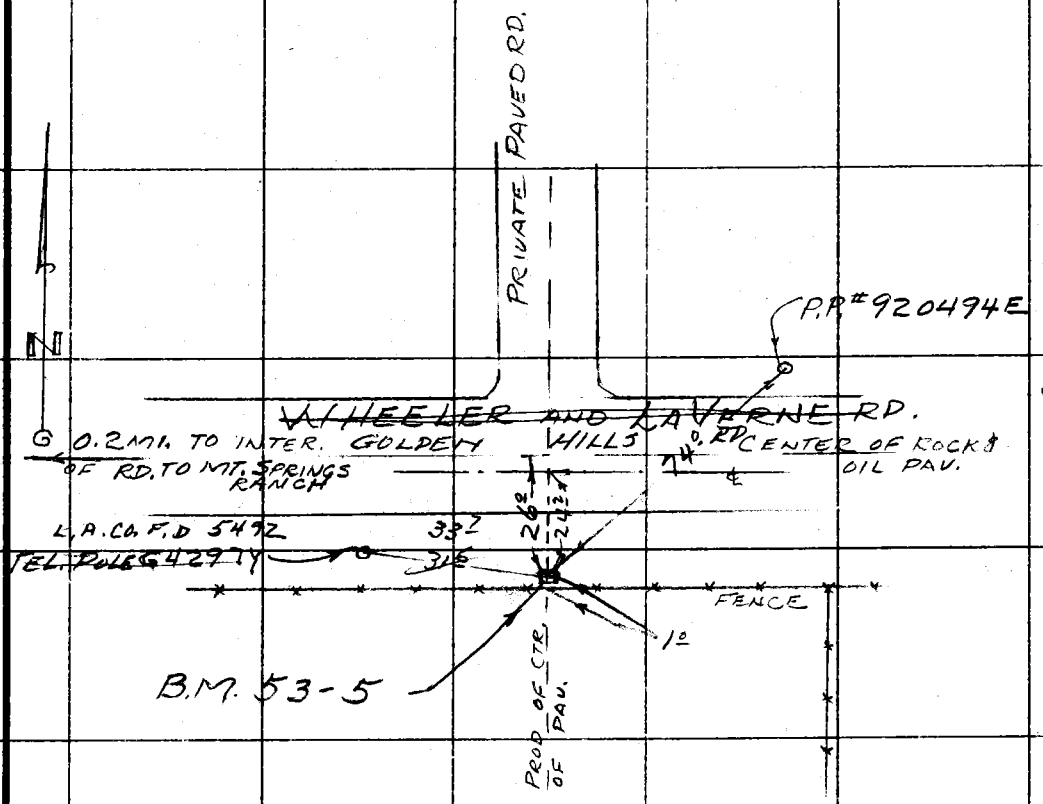
Map No.	W. O. 0055.22 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E.D Date 2-10-58
Date	Indexed K. C. Johnson

B.M. 53-5

~~WHEELER & LAVERNE RD~~ GOLDEN HILLS RD, 0.2 MI. E. OF INTERSECTION OF RD. TO MOUNTAIN SPRINGS RANCH, 26 FT. S. OF CENTER OF INTERSECTION OF A PRIVATE PAVED RD. TO N, ~~31.6~~ 33.7 FT. E. OF TEL. POLE ~~#G42977~~ L.A.C.F.D. 5492, 1 FT. N. OF FENCE, A STD. CO. ENGR. B.M. BRASS CAP, WITH BUTTON STAMPED "B.M. 53-5 1958 R.E. 5869" IN TOP OF A 12 IN. CONC. POST 6 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,440.182



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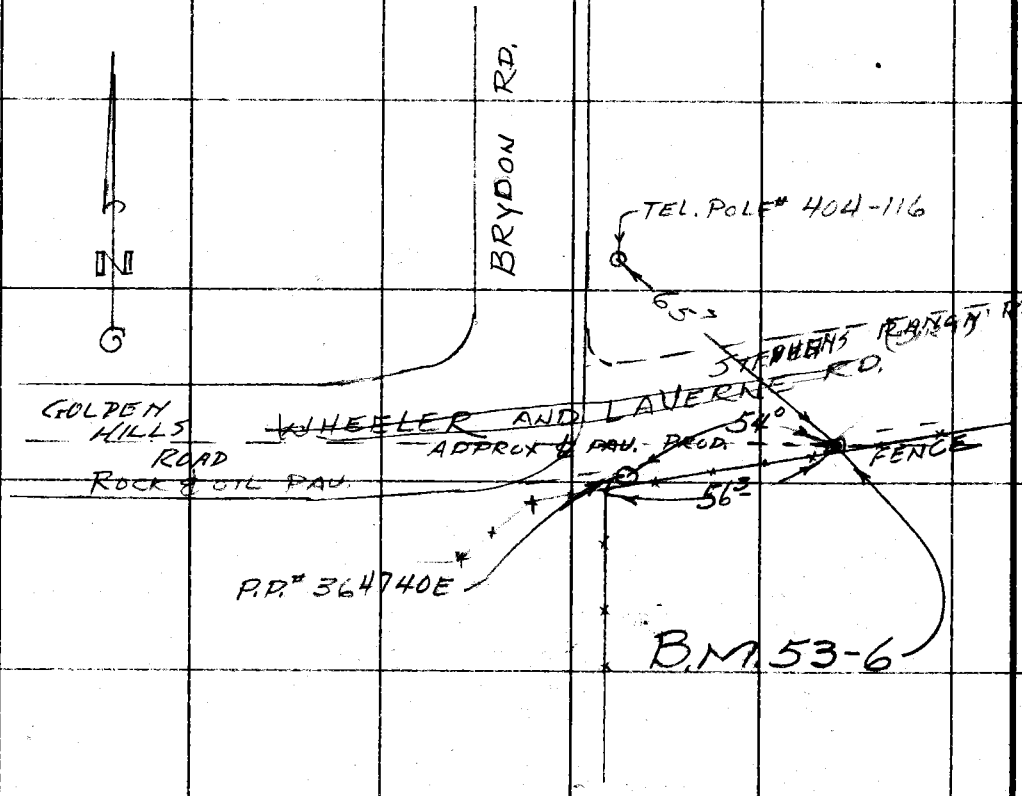
F.B. 2422 PG. 116

B.M. 53-6

GOLDEN HILLS ROAD
~~WHEELER & LAVERNE RD.~~ AND BRYDON RD., S.E. COR., 0.5 FT. N. OF A WOVEN WIRE FENCE ON ELY. PROD. OF CENTER OF PAVEMENT, 54 FT. E. OF POWER POLE # 364740 E, 65.7 FT S.E. OF TEL. POLE # 404-116, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-6 1958 R.E. 5869" IN TOP OF A 12 IN. CONC. POST 4 INCHES ABOVE GROUND. WITH BUTTON

L.A. Co. 1958 Adj. Elev. 1,504.154



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Map No.	W.O. 0855.22 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 2-14-57
Date	Indexed C. Johnson

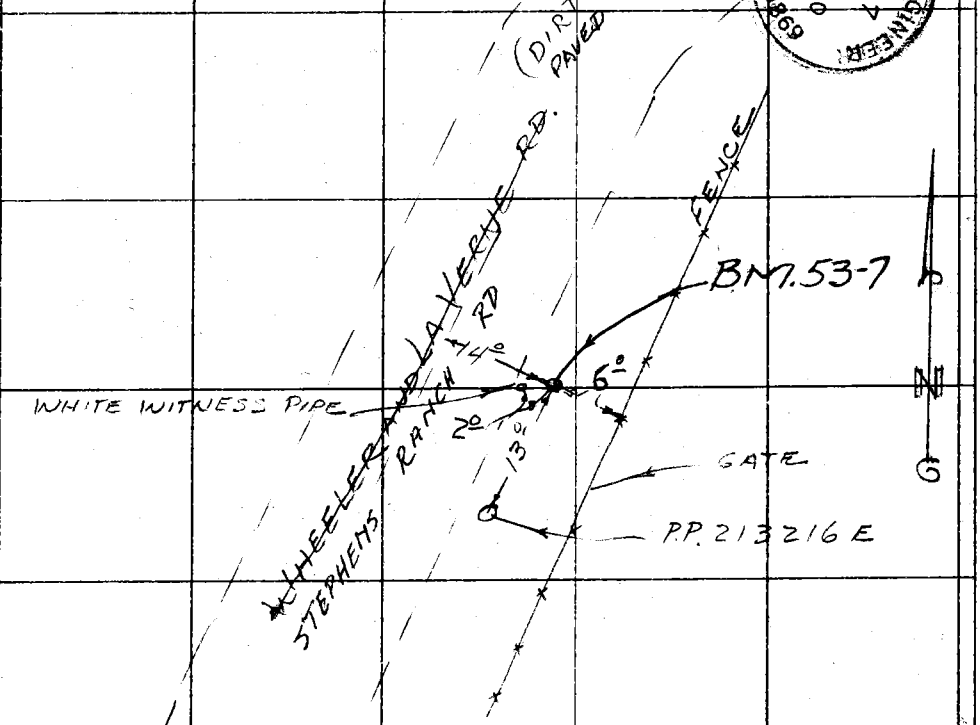
B.M. 53-7

~~STEPHENS RANCH~~ ~~WHEELER AND LA VERNE~~ RD. 0.26 MI. N.E. OF BRYDON RD., 14 FT. S.E. OF CENTER OF DIRT ROAD 13 FT N.E. OF POWER POLE #213216E, 6 FT. N.W. OF N'LY POST OF A GATE IN WOVEN WIRE FENCE, A 3½" STD. CO. ENGR. (7-30-71) PRECAST MON. WITH B.M. BUTTON 2 IN. ABOVE GROUND, 2 FT E. OF A WHITE WITNESS PIPE.

L.A. Co. 1958 Adj. Elev. 1,559.495

SEE F.B. 3718-71 FOR B.M. 53-7A NEARBY 7-30-73 G.E.D.

COUNTY ENGINEER B.M. 53-7 A-10 ELEV. 5869



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F. B. 2422 PG. 118

B.M. 53-8

~~WHEELER & LA VERNE~~ STEPHENS RANCH RD, 0.6 MI. N.E. OF BRYDON RD, AT JUNCTION OF A DIRT ROAD LEADING N.W., 10.3 FT. S.W. OF ANGLE POINT OF A WOVEN WIRE FENCE, 1 FT. N.W. OF THE FENCE, 21.3 FT. N.E. OF TEL. POLE #404-137, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-8 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

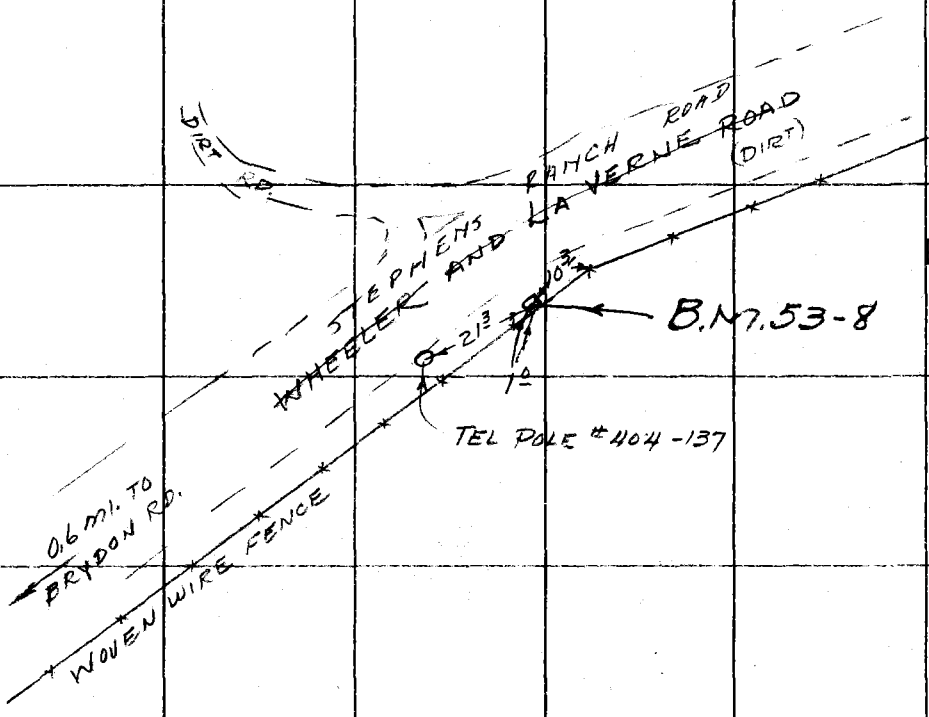
NOT RECOVERED, 7-28-71, NEW FENCE BY GOLF COURSE. & LOCATION INDEFINATE. (G.E.D.)

L.A. Co. 1958 Adj. Elev. 1,690.503

RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.



Notes Ck'd by	Survey of FRICK RANCH REC. PARK
Map No.	W.O. 0855.22 Tape No. St'd. °F
Office Work	Surveyed by S. E. DREIER
Checked	Notes G.E.D. Date 2-14-58
Date	Indexed C. Johnson

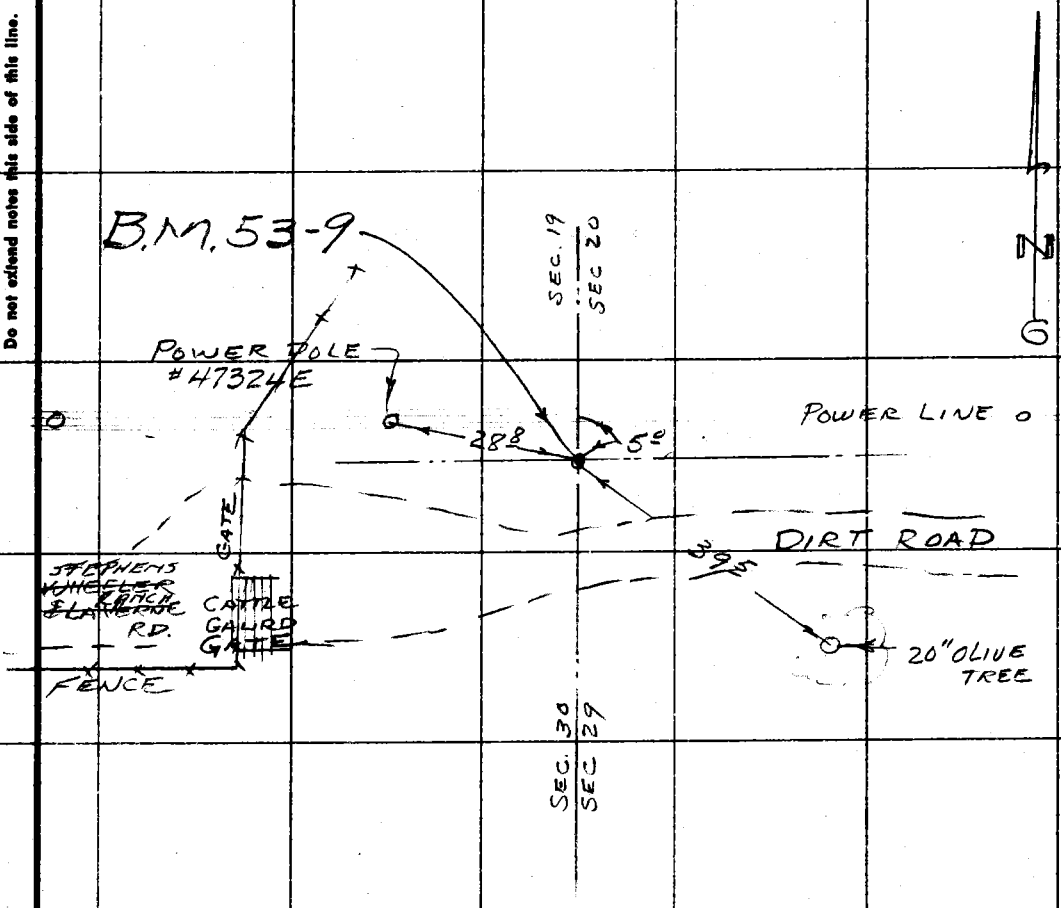
F.B. 2422 Pg. 119

B.M. 53-9
STEPHENS RANCH
WHEELER & LAVERNE ROAD JUST W. OF OLD RANCH BLDGS. 28.8 FT E. AND 5 FT. S. OF POWER POLE NO. 47324E A STD PRECAST MON. 16 INCHES BELOW THE SURFACE STAMPED

SEE F.B. 3718-71 FOR NEW TIES & DESC. 8-2-71 G.E.D.

COUNTY SURVEYOR'S MONUMENT
T.I.N.
R.8W. 19 20 + 30 29

L.A. Co. 1958 Adj. Elev. 1,777.048



Note: Any Additions or Changes on This Sheet Must be Made or Circled In Red Ink With Date and Name of Person Making Change.

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RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F309S S&E #247. 8-54

F.B. 2422 PG. 120

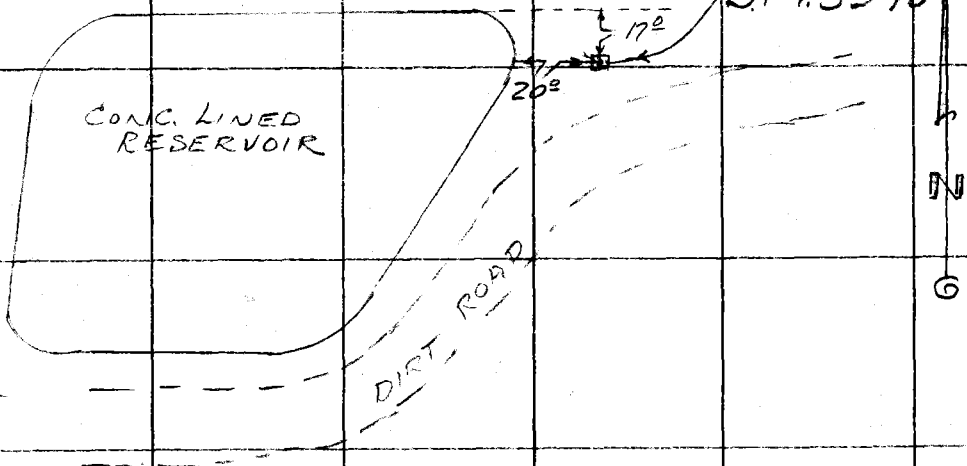
B.M. 53-10

ON N.E'LY CONTINUATION OF ~~WHEELER AND~~ STEPHENS RANCH LA VERNE ROAD IN S.W.LY COR. OF SEC. 20 T. 1N., R. 8 W., 20 FT. E. OF THE EAST END OF A CONC. LINED RESERVOIR A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-10 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 6 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,865.359

NOT RECOVERED, CORR. IRON CULVERT UNDER LOCATION (7-31-71 G.E.P.)

SEE F.B. 3718-79 FOR B.M. 53-10A



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.

Do not extend notes this side of this line.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of FRICK RANCH REG. PARK
Map No.	W. O. 085522 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-14-58
Date	Indexed C. JOHNSON

F. B. 2422 Pg. 121

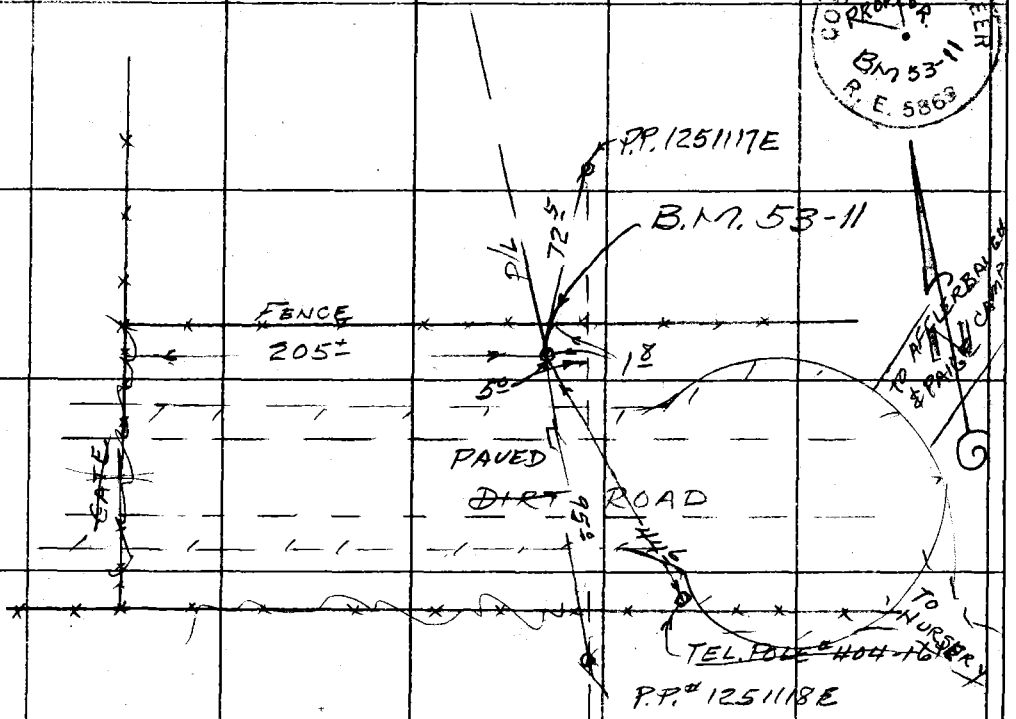
B.M. 53-11 (P.I. "D")

ON N. ELY CONTINUATION OF ~~WHEELER AND LA VERNE~~ STEPHENS RANCH ROAD, ON W'LY BOUNDARY OF PROBATION CAMP SITE, ON NLY SIDE OF DIRT ROAD AT TOP OF A HILL 205± FT E. OF A GATE, 1.8 FT S. OF A FENCE, 44.6 FT. N.W. OF TEL. POLE # 404-161, A STD. CO. ENGR. PRECAST MON. WITH B.M. BUTTON, 2 IN. ABOVE GROUND, 2 FT. N.W. OF A WHITE WITNESS PIPE.

(8-8-71 C.E.D.)

L.A. Co. 1958 Adj. Elev. 1,893.765

COUNTY ENGINEER CORRECTED BM 53-11 R.E. 5863



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Do not extend notes this side of this line.

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

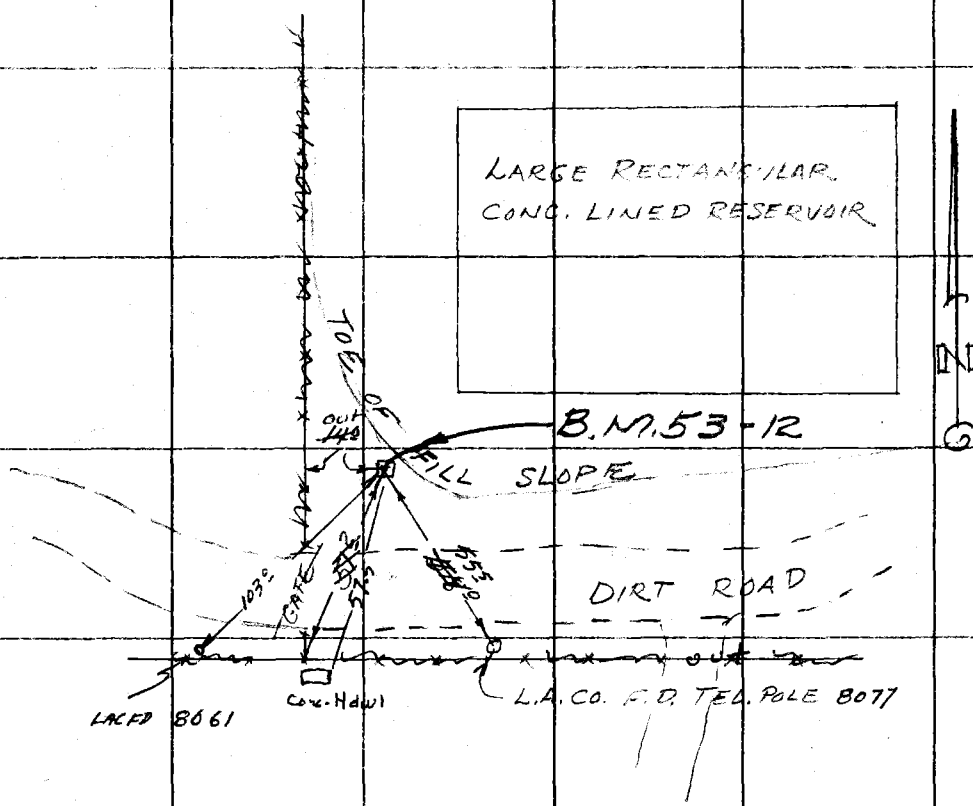
F.B. 2422 PG. 122

B.M. 53-12

ON N.E'LY CONTINUATION OF ~~WHEELER & LA VERNE~~ STEPHENS RANCH RD., NEAR CENTER OF SLY SIDE OF SEC. 20, AT TOE OF SLOPE AT S.W. COR OF A LARGE RECTANGULAR CONC. LINED RESERVOIR, ~~14 FT. E. OF A FENCE~~, ~~51.2 FT N.E. OF A FENCE COR. BY A GATE~~, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-12 1958 RE.5869" IN TOP OF A 12 INCH CONC. POST 6 IN. ABOVE GROUND.

(Out July 1969 see new ties below AC G)

L.A. Co. 1958 Adj. Elev. 1,868.651



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of ERICK RANCH REG. PARK
Map No.	W. O. 055222 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date
Date	Indexed C. Johnson

F.B. 242 PG. 123

B.M. 53-13

420± FT. S. OF 1/4 COR. BETWEEN SEC. 20 AND 29, T.1N., R.8W., 35 FT W. OF CENTER OF A DIRT TRACK ROAD ALONG A RIDGE SLY FROM A LARGE RECTANGULAR RESERVOIR, A STD. CO. ENGR. PRECAST MON. WITH B.M. BUTTON, 3 INCHES ABOVE GROUND 2 FT. N.W. OF A WHITE WITNESS PIPE.

L.A. Co. 1958 Adj. Elev. 1,770.191

DESTROYED, FD. BROKEN PIECES 7-28-71 G.E.D.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in, Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
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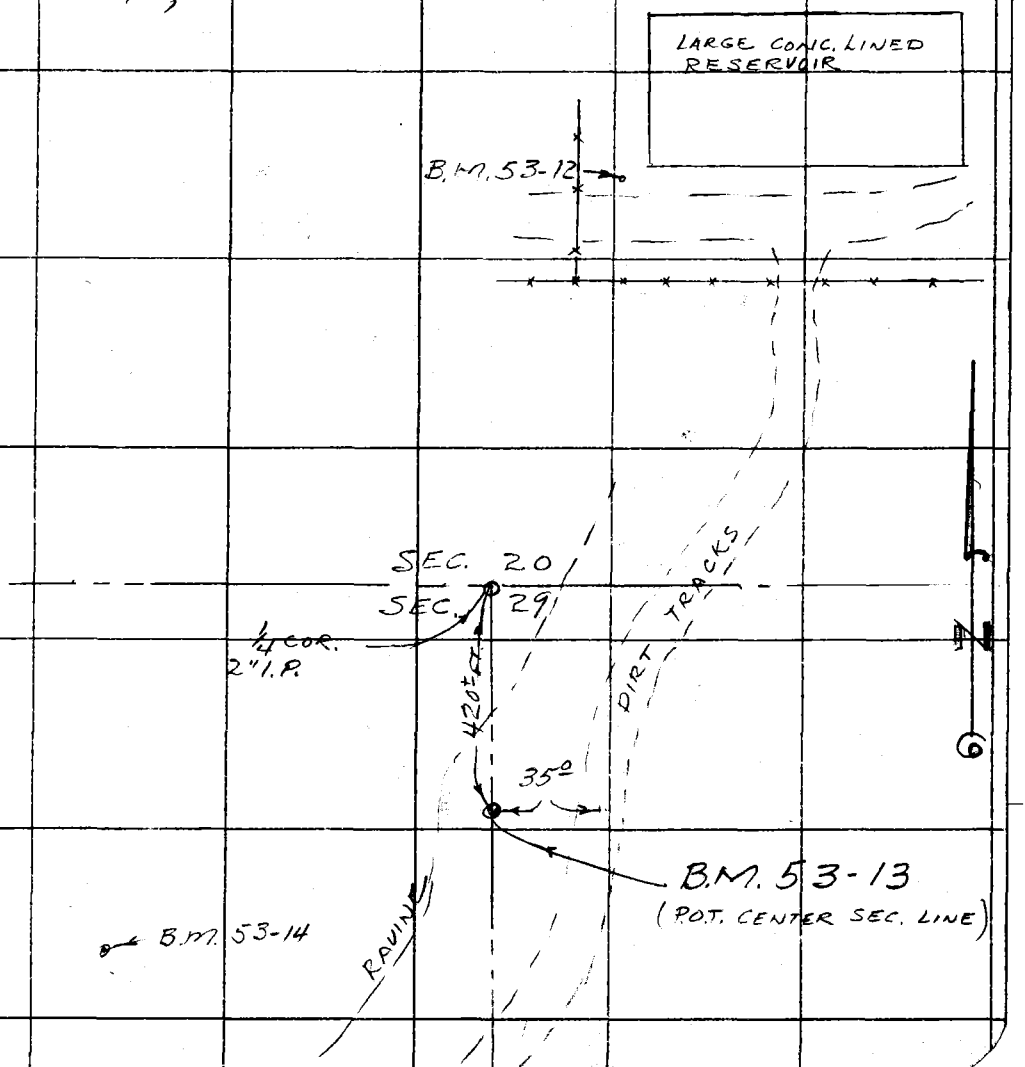
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



76F3095 S&E #247. 8-54

F.B. 2422 PG. 124

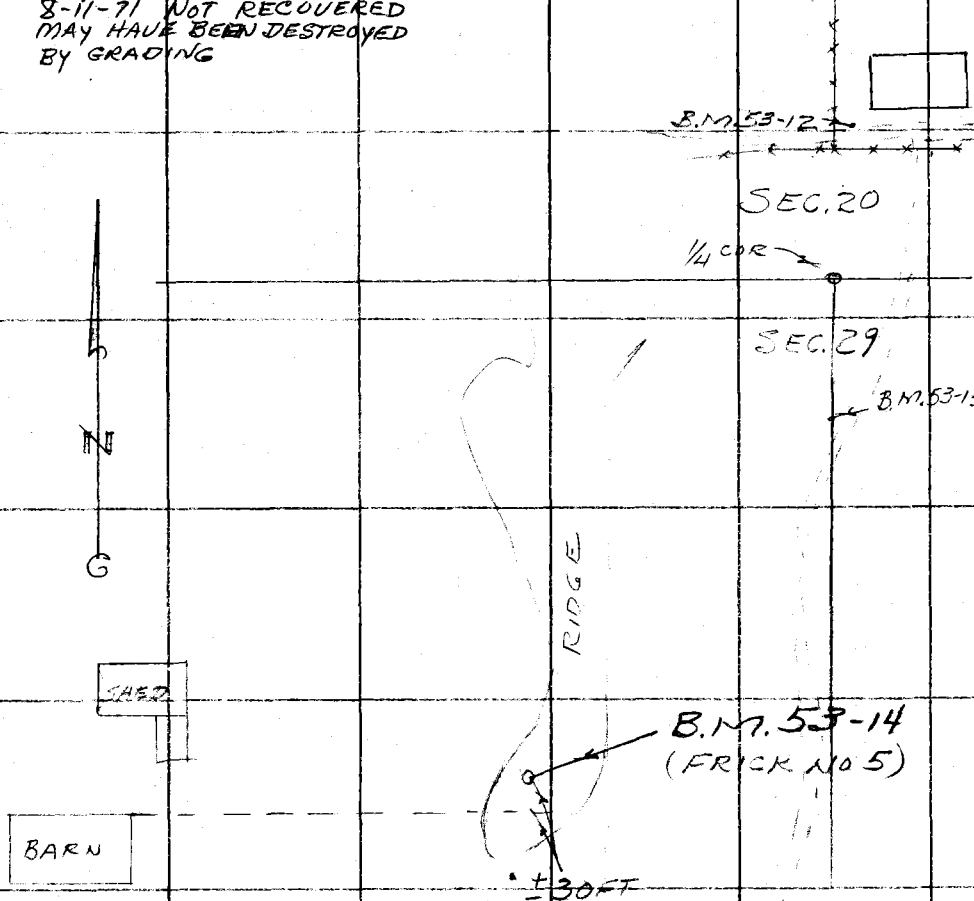
B.M. 53-14 (FRICK NO 5)

APPROXIMATELY 1200± FT. S.W. OF 1/4 COR. BETWEEN SEC. 20 AND 29 T.1N., R.8W., AT S.W. END OF A RIDGE, A 2 IN. I.P., FILLED WITH CONC., AND CO. ENGR. TAG WITH FORM NAIL, SURROUNDED BY A SMALL MOUND OF ROCKS

NOTE - ELEV. TAKEN ON TOP OF A FORM NAIL THAT IS RUSTING, W. RIM OF PIPE IS 0.015 FT. LOWER

GED L.A. Co. 1958 Adj. Elev. 1,777.851

8-11-71 NOT RECOVERED
MAY HAVE BEEN DESTROYED
BY GRADING



RETURN TO
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726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of FRICK RANCH REG. PARK
Map No.	W. O. 6253.22 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 2-17-58
Date	Indexed J. C. JOHNSON

F. B. 2422 Pg. 125

B.M. 53-15

± FT. W. OF CENTER OF SEC. 29, T.1N., R.8W., 0.7 FT. N. OF A BARBED WIRE FENCE, 46.5 FT. E. OF A PIPE GATE, 74.5 FT. S. OF S. SIDE OF A LARGE CIRCULAR CONC. RESERVOIR ON TOP OF A HILL, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-15 1957 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 6 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,675.247

Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

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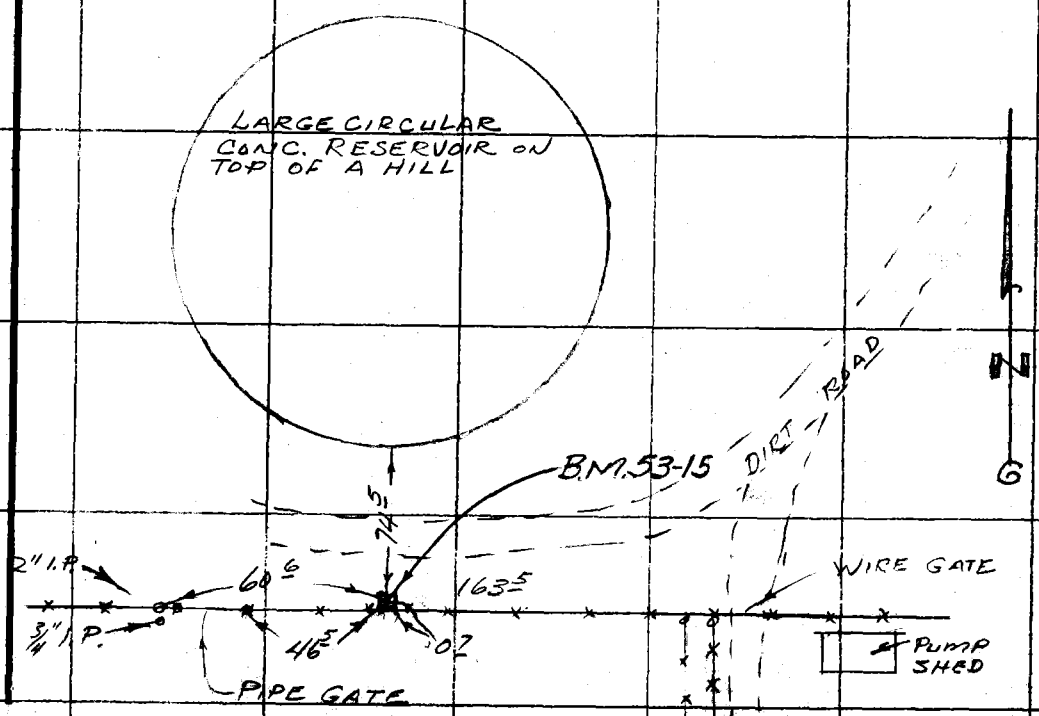
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.



76F3095 S&E #247. 8-54

F.B. 2422 PG. 126

7-28-71 GRD

B.M. 53-16A

T.1N., R.8W., F.D. DESTROYED

W. OF CENTER OF SEC. 29, AT STREAM IN LIVE OAK CANYON, ON S. SIDE OF GRAVEL ROAD AT STREAM CROSSING, A P.K. SPK. IN LEAD, 1 FT. FROM S.E. END OF CONC. HEADWALL OF WATERFALL DAM, 103.5 FT. S. OF A GATE

L.A. Co. 1958 Adj. Elev. 1,574.338

B.M. 53-16

T.1N., R.8W.,

219± FT. W. OF CENTER OF SEC. 29, 76.5 FT. W. OF CENTER OF PAVED PRIVATE ROAD, A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-16 1958 R.E. 5869" IN TOP OF 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,678.346

RETURN TO
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726 LOS ANGELES COUNTY
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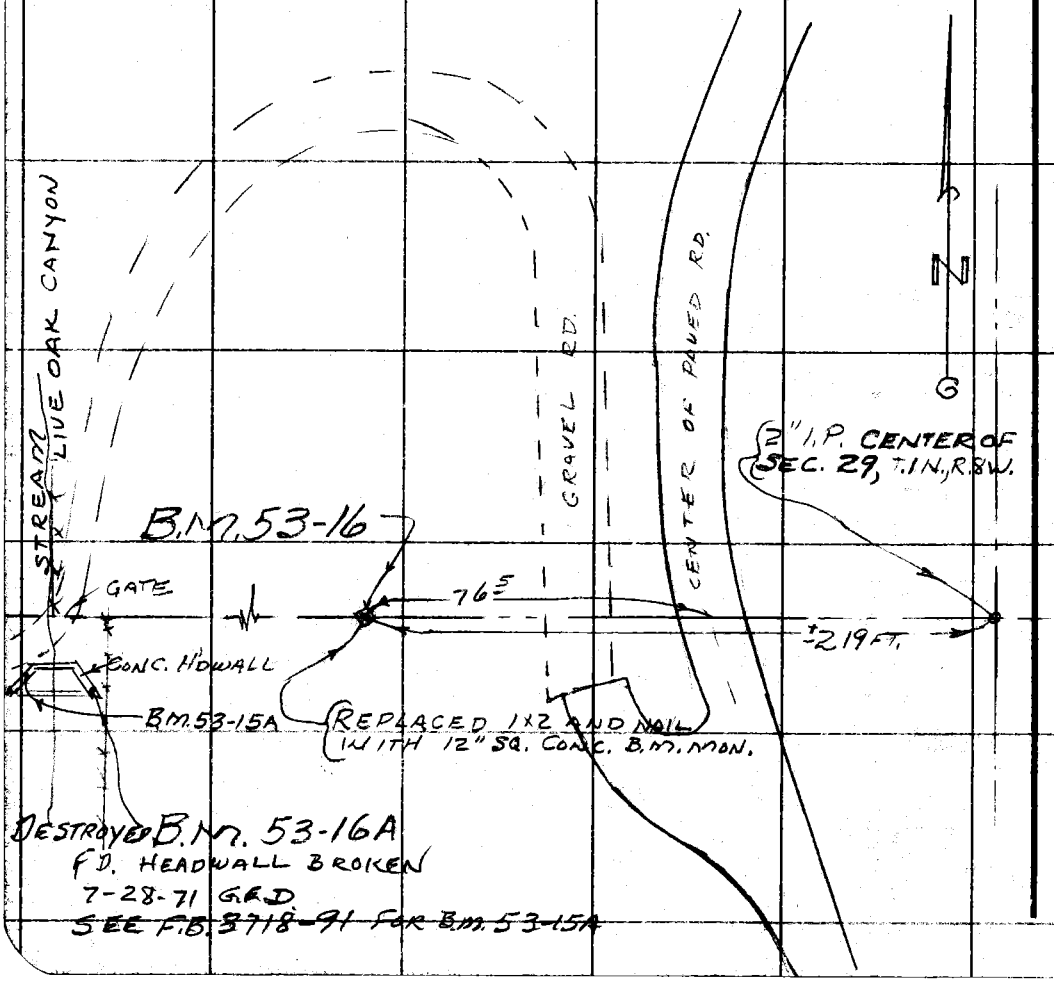


DESTROYED B.M. 53-16A
F.D. HEADWALL BROKEN
7-28-71 GRD
SEE F.B. 3718-91 FOR B.M. 53-15A

F. B. 2422 Pg. 127

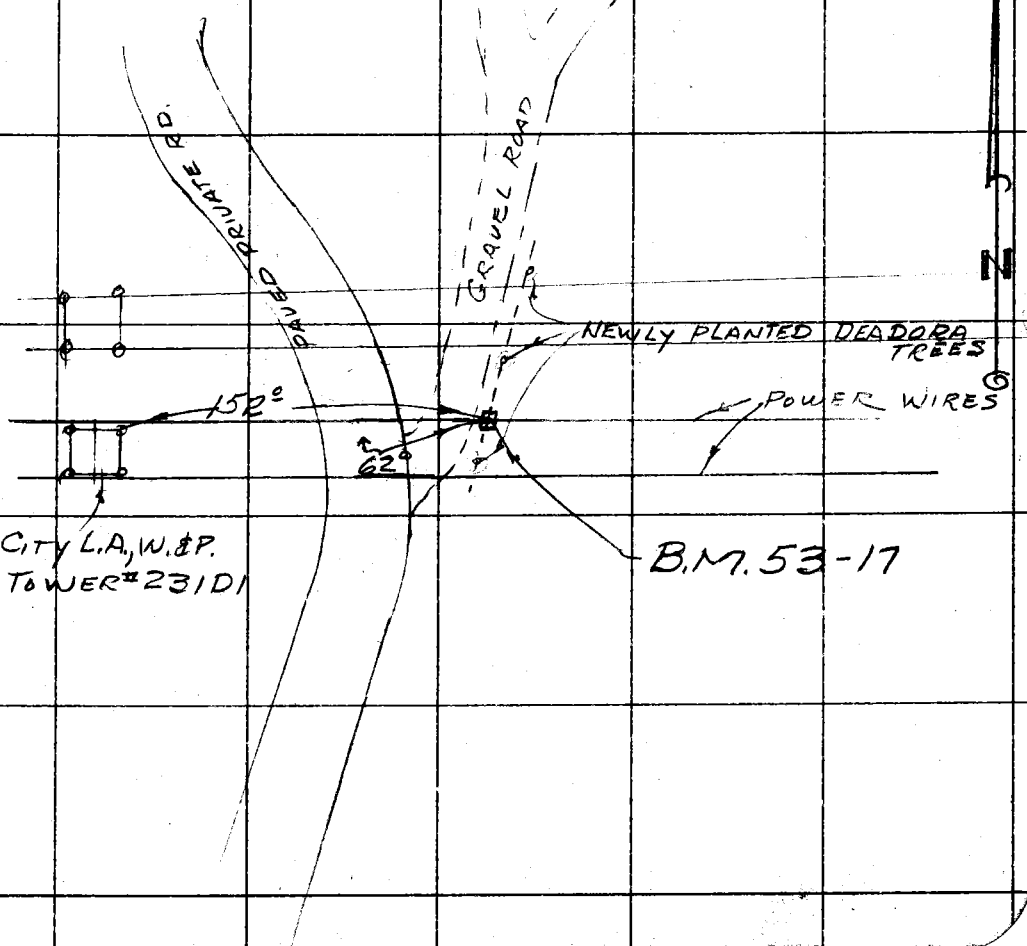
Notes Ck'd by	Survey of FRICK RANCH REG. PARK
Map No.	W.O. 055523 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 2-17-58
Date	Indexed C. Johnson

B.M. 53-17

NEAR CENTER OF S. SIDE OF SEC. 29, T. 1 N., R. 8 W., 62 FT. E. OF PAVED PRIVATE ROAD (CONTINUATION OF INEBB CANYON RD.) AT INTER. OF A GRAVEL RD. TO N., DIRECTLY BELOW N. WIRES OF CITY L.A. DEPT. OF W. & P. TRANSMISSION LINE, 152 FT. E OF TOWER # 231D1, A STD. CO. ENGR. BRASS CAP STAMPED "B.M. 53-17 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,586.233

NOTE - NOW BELOW N. WIRES OF S'LY LINE OF TOWERS 8-2-71 G.E.D.



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247. 8-54

F. B. 2422 Pg. 128

B.M. 53-18

WEBB CANYON RD., 0.6 MI. N. OF BASE LINE RD., AT A NEWLY CONSTRUCTED DIRT ROAD TO EAST, 90.5 FT. N.E. OF CENTER OF PAVEMENT, 3 FT. N. OF POWER POLE #503039E A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-18 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST ABOUT FLUSH.

L.A. Co. 1958 Adj. Elev. 1,427.178

RETURN TO
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726 LOS ANGELES COUNTY
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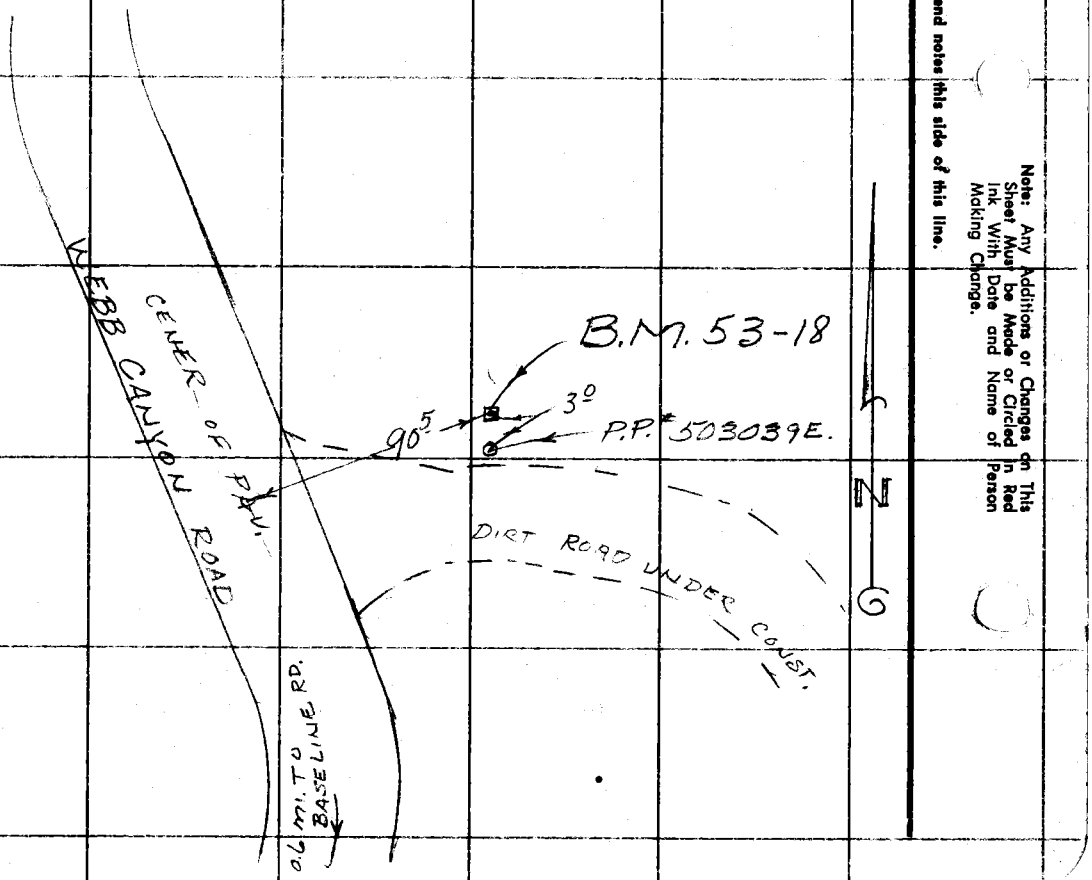


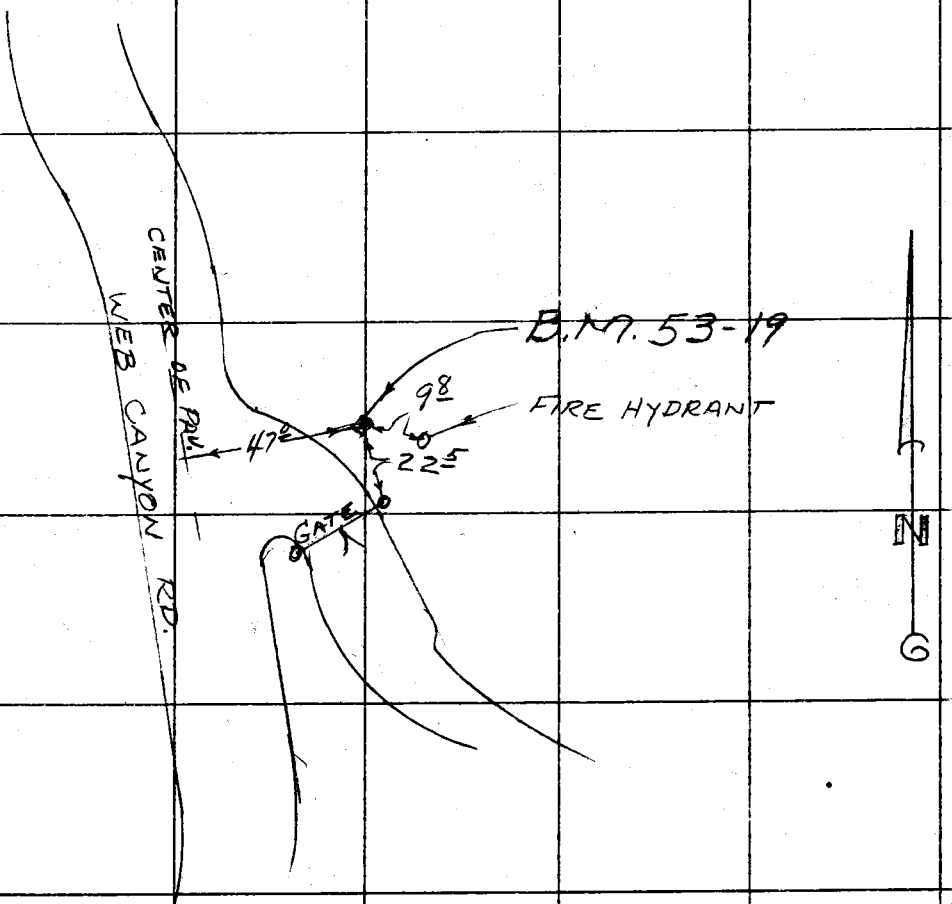
Notes Ck'd by	Survey of FRICK RANCH REG. PARK
Map No.	W. O. 00552 Tape No. St'd. °F
Office Work	Surveyed by G.E. DREIER
Checked	Notes G.E. DREIER Date 2-17-58
Date	Indexed C. Johnson

F.B. 2422 Pg. 129

B.M. 53-19

WEBB CANYON RD., 0.25 MI. N. OF BASE LINE RD., AT DRIVE TO WEBB SCHOOL, 47 FT. E. OF CENTER OF PAVEMENT, 9.8 FT. N.W. OF A FIRE HYDRANT, 22.5 FT. N. OF E GATE POST OF GATE ACROSS PRIVATE DR., A STD. CO. ENGR. B.M. BRASS CAP STAMPED "B.M. 53-19 1958 R.E. 5869" IN TOP OF A 12 INCH CONC. POST 4 INCHES ABOVE GROUND.

L.A. Co. 1958 Adj. Elev. 1,366.822



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 S&E #247, 8-54

COUNTY OF LOS ANGELES

PRECISE LEVEL NET

LINE NO. 53

FROM

BASE LINE ROAD AND SAN ANTONIO AVENUE

THRU

STEVEN FRICK RANCH

AND

RETURN

VIA BASE LINE ROAD, WHEELER LA VERNE ROAD, FRICK RANCH, LIVE OAK CANYON AND WEBB CANYON

ADJUSTMENT IS BASED ON 1952 VALUES OF LOS ANGELES COUNTY PRECISE LEVEL LINES NO. 11 AND 13.

FOR BENCH MARK DESCRIPTIONS AND FIELD WORK SEE F.B. 2422 PGS. 109 TO 294

J.N. 0301.02

SURVEYED 1958 BY G.E. DREIER

L.A. Co. 1958 Adj. Elev.

STATION	1958 Adj. ELEVATION	STATION	1958 Adj. ELEVATION
11-60	1,298.681	53-11	1,893.765 ✓
53-1	1,231.465 ✓	53-12	1,868.651 ✓
53-1A	1,247.598 ✓	53-13	1,770.191 ✓
53-2	1,291.398 ✓	53-14 (FRICK No 5)	1,777.851 ✓
53-2A	1,298.068 ✓	53-15 ~~(Frick No. 5)~~	1,675.247 ✓
53-3	1,324.696 ✓	53-16	1,678.346 ✓
53-4	1,407.935 ✓	53-16A	1,574.338 ✓
53-5	1,440.182 ✓	53-17	1,586.233 ✓
53-6	1,504.154 ✓	53-18	1,427.178 ✓
53-7	1,559.495 ✓	53-19	1,366.822 ✓
53-8	1,690.503 ✓	T.B.M. (P.K. Spike)	1,299.872
53-9	1,777.048 ✓	T.B.M. (Cut Spike)	1,294.357
53-10	1,865.359 ✓	11-60	1,298.681

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:15 TO 2:40 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-51 To B.M. 11-52
Date 2-11-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9038		620		#15	3.319		626		B.M. 11-51
	8.418		620			2.693		625		BASE LINE RD. & BUNNELLE AVE
	7.798		1.240			2.068		1.251		SEE F.B. 1376-47 FOR DESC.
1	25.254	8.418		1240	66°	8.080	2.693		1,251	
	9.048		627			3758		626		
	8.421		625			3,132		623		
	7796		1.252			2,509		1,249		T J. MOODY
2	25.265	8,422		2,492		9.399	3.133		2,500	
	7.788		626			3.905		626		
	7.162		624			3.279		628		
	6.538		1.250			2 651		1.254		
3	21.488	7.163		3.742		9,835	3.278		3.754	
	7,131		624			4.753		626		
	6.507		625			4,127		629		
	5.882		1.249			3498		12554		
4	19520	6.507		4.991		12.378	4.126		5009	
	6343		625			5225		630		
	5718		626			4595		631		
	5092		1251			3964		12614		
5	17.153	5718		6.242		13784	4.595		6.280	
		36228					17.825			

F.B. 2422 P.G. 131

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No NK 142552
Notes by T. OHASHI Time 11:15 To 2:40 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From B.M. 11-51 To B.M. 11-52
Date 2-11-58
Indexed C. Johnson

F.B. 2422 P.G. 132

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5842	36.228	624	6242		5439	17.825	624	6260	
	5218		626			4815		627		
	4592		1250			4188		1251		
6	15.652	5.217		7492		14.442	4.814		7511	
	6185		626			4928		626		
	5559		625			4302		624		
7	4934		1251	8.743		3678		1250	8781	
	16.678	5.559				12.908	4.303			
	6668		627			4831		624		
	6041		625			4207		626		
8	5416		1252	9995		3581		1250	10.031	
	18.125	6.042				12.619	4.206			
	6627		627			4550		627		
	6000		626			3923		626		
9	5374		1253	11.248		3297		1253	11.284	
	18.001	6.000				11.770	3.923			
	6838		500			4831		405		
	6338		500			4026		505		
10	5838		1000	12.248		3221		1010	12.294	
	19.014	6.338				12.078	4.026			
		65.384					39.097			

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 1:15 TO 2:40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-51 To BM 11-52
Date 2-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6890	65.384	462	12.248		5384	39.097	444	12.2~~8~~4	B.M. 11-52
	6429		461			4940		443		BASELINE RD. & WHEELER & LA VERNE RD.
	5968		923			4497		887		SEE F.B. 1376-48 FOR DESC.
11.	19287	6.429		13.171		14.821	4.940		13.1~~6~~71	
									13.171	
									2.6342	
									=0.50 m	
										SUMMATION OF RUN
										B.M. 11-51 TO B.M. 11-52
										TOTAL BACKSIGHTS + 71.813
										TOTAL FORESIGHTS - 44.037
										DIFF IN ELEVATION + 27.776
		71.813					44.037			

F.B. 2422 P.G. 133

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. NM142552
Notes by T. OHASHI Time 11:20 TO 12:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-52 To B.M. 11-51
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5298 4846 4393 14,537	4846	452 453 905	905	#15	6778 6334 5881 19,003	6334	454 453 907	907	B.M. 11-52 BASE LINE RD & WHEELER & LAVERNE RD. SEE F.B. 1376-48 FOR DESC.
2	4573 4071 3569 12,213	4,071	502 502 1004	1,909		6885 6382 5881 19,148	6383	503 501 1004	1,911	⊼ J. MOODY
3	4595 3971 3345 11,911	3,970	624 626 1250	3,159		6676 [illegible] [illegible] 18,150	6,050	626 626 1252	3,163	
4	4652 4028 3397 12,074	4,025	627 628 1255	4,414		6483 [illegible] 5235 17,576	5,859	625 623 1248	4,411	
5	4913 4288 3667 12,868	4,289	625 621 1246	5,660		6173 5549 4922 16,644	5,548	624 627 1251	5,662	
		21,201					30,174			

F.B. 2422 P.G. 134

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. N-142552
Notes by T. OHASHI Time 11:20 TO 12:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 11-52 To B.M. 1-51
Date 2-14-58
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5418	21.201	626	5560		5818	30.174	622	5.562	
	4792		627			5196		623		
	4165		1253			4573		1245		
6.	14.375	4.792		6.813	64°	15587	5.196		6901	
	4836		632			5971		640		
	4204		631			5331		641		
	3573		1263			4690		1281		
7.	12613	4.204		8.176		15992	5.331		8.188	
	4720		627			7113		640		
	4093		626			6473		640		
	3467		1253			5833		1280		
8	12280	4.093		9.429		19419	6.473		9.468	
	3859		650			7710		615		
	3209		651			7095		617		
	2558		1301			6478		232		
9.	9626	3.209		10.730		21283	7.094		10.765	
	3448		640			8721		625		
	2808		641			8096		627		
	2167		1281			7469		1252		
10.	8423	2.808		12.011		24286	8.095		11.952	
		40.307					62.363			

F.B. 2422, P.G. 135

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. Nr 142552
Notes by T. OHASHI Time 11:20 TO 12:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM. 11-52 To BM. 11-51
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3349	40.307	607	12011		9118	62.363	649	11952	BM. 11-51
	2742		609			8469		648		BASELINE RD & BUNNELLE AVE
	2133		1216			7821		1297		SEE F.B. 1376-47 FOR DESC.
11.	8224	2741		13227		25408	8469		13249	
										SUMMATION OF RUN
										BM. 11-52 TO BM 11-51
										TOTAL BACKSIGHT + 43.048
										TOTAL FORESIGHT − 70.832
										DIFF. IN ELEVATION − 27.784
		43.048					70.832			

F.B. 2422 P.G. 136

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. NA 142552
Notes by T. OHASHI Time 2:40 TO 3:10 Rod No. 15E16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 11-52 To B.M. 53-1
Date 2-11-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9849		615		4/5	2529		624		B.M. 11-52
	9234		615			1905		624		BASELINE RD & WHEELER & LA VERNE RD.
	8619		1230			1281		1248		SEE F.B. 1376-48 FOR DESC.
1	27702	9.234		1230	66°	5.715	1.905		1248	
	8729		627			3088		627		
	8102		625			2461		624		T J. MOODY
	7477		1252			1837		1251		
2.	24308	8.103		2482		7386	2.462		2499	
	7822		624			3255		625		
	7198		623			2634		624		
	6575		1247			2010		2499		
3.	21595	7.198		3729		7903	2.634		3748	
	7963		625			3351		624		
	7338		627			2727		624		
	6711		1252			2103		1248		
4.	22012	7.337		4981		8181	2.727		4996	
	7875		597			1714		601		
	7278		599			1113		601		
	6679		1196			0512		1202		
5.	21832	7.277		6177		3339	1.113		6198	
		39.149					10.841			

F.B. 2422 P.G. 132

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NK42552
Notes by T. OHASHI Time 2:40 TO 5:10 Rod No. 15E/16

Name FRICK RANCH REG. PARK
Job No. 00556.22
From B.M. 11-52 To B.M. 53-1
Date 2-11-58
Indexed C. Johnson

F.B. 2422 P.G. 138

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6.	10839 10377 9913 31129	39.129 10.376	462 464 926	7.177 7103		11184 0821 0486 2462	10821 0821	334 335 669	6.198 6867	
7.	10057 9758 9460 29275	9758	299 298 597	7706		0746 0893 0240 1779	0893	353 353 706	7873	
8.	9765 9560 9255 28680	9560	305 305 610	8310		0922 0583 0235 1740	0580	339 338 677	8250	SUMMATION OF RUN B.M. 11-52 TO B.M. 53-1 TOTAL BACKSIGHTS +87.687 TOTAL FORESIGHTS - 16.544 DIFF IN ELEVATION + 71.143
9.	9736 9431 9125 28292	9431	305 306 611	8721		1211 0860 0927 2603	0868	343 344 687	8737	
10	9733 9413 9093 28239	9413	320 320 640	9461		3117 2838 2527 8514	2838	311 311 622	9559 9561 19129 = 0.36 mi.	B.M. 53-1 WHEELER & LAVERNE & ALDERSGATE DR. SEE F.B. 2422-111 FOR DESC.
		87.687					16.544			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather PARTLY CLOUDY Inst. No. M 142552
Notes by T. OHASHI Time 8:20 TO 8:45 Rod No. 15 & 16

Name FRANK RANCH RES. PARK
Job No. 22-0361
From BM 53-1 To BM 53-1
Date 3-15-62
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	3182 2874 2565 8621	2.874	308 309 617	617	#15 55°	9770 9448 9126 28344	9448	322 322 644	644	BM 53-1 WHEELERS' LA VERNE RD & ALBERTONI E RD SEE F.B. 2422-111 FOR MISC.
2.	1298 0971 0644 2911	0.977	327 327 654	1257		9153 8832 8512 28497	9.532	321 320 641	1215	T. J. MOODY
3	1187 0863 0539 2589	0863	324 324 648	1921		10160 9840 9520 29526	9840	320 320 640	1725	
4.	1288 0963 0638 2889	0.963	325 325 650	2571		10354 10130 9902 30386	10.129	224 228 452	2478	F.B. 2422 P.G. 139
5.	1226 0894 0565 2685	0.895	332 331 663	3234		10416 10085 9754 31335	10445	466 466 931	5409	
		6.558					49.394			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather Partly Cloudy Inst. No. N-142552
Notes by T. OHASHI Time 8:20 TO 8:45 Rod No. 18 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From BM 53-1 To BM 11-52
Date 2-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1779	6.558	680	3.234		7779	49.394	514	3.509	
	1099		680			7265		514		
	2419		1360			6751		1028		
6.	3.297	1.099		4.594		21.795	7.265		4.537	
	3543		624			8153		622		
	2919		624			7531		625		
	2295		1248			6906		1247		
7.	8.757	2.919		5.842		22.590	7.530		5.784	
	3530		619			8098		624		
	2911		621			7474		625		
	2290		1240			6849		1249		SUMMATION OF RUN
8.	8.731	2.910		7.082		22.421	7.474		7.033	B.M. 53-1 TO B.M. 11-52
	3078		624			8717		626		TOTAL BACKSIGHTS + 18.126
	2451		626			8091		626		TOTAL FORESIGHTS − 89.273
	1825		1250			7465		1252		DIFF IN ELEVATION − 71.147
9.	7.351	2.450		8.332		24.273	8.091		8.285	
	2800		609			10147		629		BM. 11-52
	2191		612			9518		627		WHEELER & LAVERNE RD. & BASELINE RD.
	1579		1221			8891		1256		SEE F.B. 1376-48 FOR DESC.
10	6.570	2.190		9.553		28.556	9.519		9.541	
		18.126					89.273			

F.B. 2422 P.G. 140

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather FOG Inst. No. NK142552
Notes by J. MOODY Time 9:00 to 9:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From BM 53-1 To BM 53-2A
Date 2-12-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10550		495		#15	2193		502		BM 53-1
	10055		495			1691		501		RD WHEELER-LAVERNE & ALDERSGATE
	9560		990			1190		1003		SEE F.B. 2422-111 FOR DESC.
1	130.165	10.055		990	52°	5.074	1.691		1003	
	8430		623			4007		626		A T OHASHI
	7807		627			3381		626		
	7180		1250			2755		1252		
2	23.417	7.806		2240		10.143	3.381		2255	
	6971		622			4260		621		
	6349		624			3639		624		
	5725		1246			3015		1245		
3	19.045	6.348		3486		10.914	3.638		3500	
	5927		172			5275		154		+29.964
	5755		172			5121		153		-13.831
	5583		344			4968		307		+16.133
4	17.265	5.755		3830		15.364	5.121		3807	F.B. 2422 P.G. 141
		29.964					13.831		3830 7637 = 0.14 mi.	BM 53-1A WHEELER-LAVERNE, 0.15 of mi. N. of ALDERSGATE RD. SEE F.B. 2422-111 FOR DESC.

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather Fog Inst. No. NK 142552
Notes by J. MOODY Time 9:00 to 9:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.42
From BM 53-1 To BM 53-2 A
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8588		625	3830		3490		626	3807	
	7963		623			2864		626		
	7340		1248			2238		1252		
5	23891	7.964		5.078		8.592	2.864		5.059	
	8490		621			3058		628		
	7869		621			2430		625		
	7248		1242			1805		1253		
6	23607	7.869		6.320		7.293	2.431		6.312	
	8491		626			2319		628		
	7865		626			1691		629		
	7239		1252			1061		1257		
7	23595	7.865		7.572		5077	1.692		7.564	
	9271		623			2801		631		
	8648		626			2210		629		
	8022		1249			1581		1260		
8	25941	8.647		8.821		6632	2.211		8.824	
	9509		627			2998		630		
	8882		621			2368		629		
	8255		2250			1739		1259		
9	26646	8.882		10.075		7105	2.368		10.083	
		41.326					11.566			

F.B. 7422, P.G. 142

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FOG Inst. No. NC 142552
Notes by J. MOODY Time 9:00 to 9:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-1 To BM 53-2 A
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9168	41.226	627	10.075		3698	11.566	631	10.083	
	8541		626			3067		630		
	7915		1253			2437		1261		
10	25624	8.541		11328		9202	3067		11344	
	8663		628			3069		634		
	8035		627			2435		633		
	7408		1255			1802		1267		
11	24106	8.035		12583		7306	2.435		12611	
	7630		512			4540		488		+ 64.919
	7118		514			4052		487		− 21.120
	6604		1026			3565		975		+ 43.799
12	21352	7.117		13609		12157	4.052		13586	
		64.919					21.120		13.609	BM 53-2
									27.195	
									7.637	WHEELER & LA VERNE RD., 0.9 of
									19.558	
									=0.37 mi	MI. N. of BASE LINE RD
	9970		629			[illegible]		622		SEE F.B. 2422-112 FOR DESC.
	9341		630			2599		626		
	8711		1259			1973		1250		
13	28622	9.341		14868		7.795	2.598		14836	

F.B. 2422 P.G. 143

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. [illegible]
Notes by [illegible] Time [illegible] 9:15 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-1 To BM 53-2A
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5439	9.341	134	14.868		5515	2.598	136	14.836	
	5305		134			5379		135		+14,646
	5171		268			5244		271		-7.977
14	15.915	5.305		[illegible]		16.138	5.349		15.107	+6,669
		14,646					7.977			BM 53-2A
										WHEELER & LAVERNE RD., 0.9 MI.
										N. OF BASELINE RD.
										SEE F.B. 2422-112 FOR DESC

SUMMATION OF RUN B.M. 53-1 TO B.M. 53-2A

DIFF IN ELEV. B.M. 53-1 TO B.M. 53-1A +16.~~181~~ .133
" " " " 53-1A TO B.M. 53-2 +43.799
" " " " 53-2 TO " 53-2A +6.669

F.B. 2422 P.G. 144

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr 142552
Notes by J. MOODY Time 1:00 to 1:50 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-2A To B.M. 53-1
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5390 5256 5123 15769	5.256	134 133 267	.267	#15	5317 5183 5048 16548	5.183	134 135 269	.269	B.M. 53-2A WHEELER & LAVERNE RD., 0.9 mi. N. OF BASE LINE RD. (S.E. COR FIRE LOT) SEE F.B. 2422-112 FOR DESC.
2	3311 2688 2062 8061	2.687	623 626 1249	1.516		10.059 9430 8801 28290	9.430	629 629 1258	1.527	T. T. OHASHI +7.943 -14.613 -6.670
		7.943					14.613		1.516 3.043 .06 mi.	B.M. 53-2 WHEELER & LAVERNE RD., 0.9 mi. N. OF BASE LINE RD. SEE F.B. 2422-112 FOR DESC
3	4722 4232 3743 12697	4.232	490 489 979	2.495		7862 7298 6792 21892	7.297	564 506 1070	2.537	
4	2471 1844 1215 5530	1.843	627 629 1256	3.751		8069 7442 6815 22326	7.442	627 627 1254	3.791	
		6.075					14.739			

F.B. 2422 P.G. 145

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HARG Inst. No. NC 142552
Notes by J. Moody Time 1:00 to 1:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00 55 22
From BM 53-2 11 To BM 53-1
Date 2-12-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2757	6.075	626	3.751		8229	14.739	622	3.791	
	2131		623			7607		624		
	1508		1249			6983		1246		
5	6.396	2.132		5.000		22.819	7.606		5.037	
	2249		627			8760		622		
	1622		623			8138		623		
	0999		1250			7516		1245		
6	4.870	1.623		6.250		24.413	8.138		6.282	
	2170		625			8601		621		
	1545		625			7980		620		
	0920		1250			7360		1241		
7	4.635	1.545		7.500		23.941	7.980		7.523	
	2060		623			8232		624		
	1437		627			7608		627		
	0810		1250			6981		1251		
8	4.307	1.436		8.750		22.821	7.607		8.774	
	3140		625			8574		622		
	2515		625			7952		620		
	1890		1250			7332		1242		
9	7.545	2.515		10.000		23.858	7.953		10.016	
		15.326					54.023			

F.B. 2422 P.G. 146

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. NK 142552
Notes by J. MOODY Time 1100 to 1150 Rod No. 1581.6

Name FRICK RANCH REG. PARK
Job No. 0055.32
From BM 53-2 A To BM 53-1
Date
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3390	15.326	623	10.000		8486	5.023	625	10.016	+ 18.092
	2767		626			7863		622		- 61.887
	2141		1249			7241		1247		- 43.795
10	8.298	2.766		11.249		23597	7.864		11.263	
		18.092					61.887			BM 53-1 A
										W HEELER & LAVERNE RD, 0.15 MI.
										N. of ALDERSGATE RD
	5141		161			5780		165		
	4980		160			5615		166		
	4820		3211			5449		331		
11	14.941	4.980		11.570		16.844	5.615		11.594	
	4232		624			6942		624		
	3608		627			6318		628		
	2981		1251			5690		1252		
12	10.821	3.607		12821		18950	6.317		12846	
	3837		629			8258		627		
	3208		629			7631		623		
	2579		1258			7008		1250		
13	9.624	3.208		10074		22897	7.632		14096	
		11.795					19.564			

F.B. 422 P.G. 147

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NC 192552
Notes by J. MOODY Time 1:00 to 1:50 Rod No. 15 & 16

Name FRICK RANCH BEG. PARK
Job No. 0055.22
From BM 53-2A To BM 53-1
Date 2-12-53
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2128	11.795	501	14.079		10.485	19.564	497	14.096	+13.422
	1627		501			9988		498		-29.552
	1126		1002			9490		995		-16.130
14	4881	1.627		15.081		29.963	9.988		15.091	
		13.422					29.552			BM 53-1 WHEELER & LAVERNE RD, & ALDERSGATE RD. SEE F.B. 2422 111 FOR DESC.

SUMMATION OF RUN B.M. 53-2A TO B.M. 53-1

DIFF IN ELEV.	B.M. 53-2A TO B.M. 53-2	-6.670
" " "	" 53-2 TO B.M. 53-1A	-43.795
" " "	" 53-1A TO B.M. 53-1	-16.130

F.B. 2422 P.G. 148

76P526 S & E #379 1-54

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Chief of Party G.E. DEEIER Weather FOG Inst. No NK 192552
Notes by J. MOODY Time 9:45 to 10:10 Rod No 15 & 16

Name ERICK RAMOS REG. P.L.S.
Job No. 00.55.22
From BM 53-2A To BM 53-3
Date 2-12-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5511		134		15	4953		117		BM 53-2A
	5377		134			0836		118		WHEELER & LAWRENCE, 0.9 MI. N,
	5243		268			4718		235		OF BASE LINE RD.
1	16131	5.377		268	52°	14507	4.836		235	SEE F.B. 2422-112 FOR DESC.
	7299		626			3971		628		
	6673		624			3343		628		T CERICOLA
	6049		1250			2719		1252		
2	20.021	6.674		1.518		10.033	3.344		1.487	
	7890		622			3340		629		
	7268		626			2711		629		
	6642		1248			2082		1258		
3	21.800	7.267		2.766		8.133	2.711		2.745	
	8820		625			1921		624		
	8195		624			1297		627		
	7571		1249			0670		1251		
4	20586	8.195		4.015		3888	1.296		3.996	
	7260		627			3408		628		
	6633		625			2820		628		
	6008		1252			2192		1256		
5	19901	6.634		5.267		8.460	2.820		5.252	
		34.147					15.007			

F.B. 2422 P.G. 149

76P526 S & E #379 1-54

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Chief of Party G.E. ORFIER Weather Fog Inst. No. NK 142552
Notes by J. MOODY Time 9:45 to 10:14 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-2A To BM 53-3
Date 7-12-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8233	34.147	625	5267		2956	15.007	627	5252	
	7608		629			2329		628		
	6979		625			1701		625		
6	22820	7.607		6521		6.986	2.329		6507	
	6465		264			4265		270		
	6201		261			3991		273		
	5940		525			3718		547		
7	18.606	6.202		7046		11.974	3.991		7054	
										BM 53-3
										WHEELER LA VERNE RD., 1.2 MI.
										N. of BASE LINE RD.
										SEE F.B. 2022-113 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-2A TO B.M. 53-4
										TOTAL BACKSIGHTS +47.956'
										TOTAL FORESIGHTS -21.327'
										DIFF IN ELEVATION +26.629'
		47.956'					21.327'			

F.B. 2022 P.G. 150

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE Inst. No NK142552
Notes by J. MOODY Time 11:35 TO 12:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-3 To B.M. 53-2A
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4481		370		#15	6691		270		B.M. 53-3
	4211		270			6421		269		WHEELER & LAVERNE RD. 1.2 MI.
1	3941		540			6152		539		N. OF BASELINE AT TOWER # 23204
	12.633	4.211		540	52°	19.264	6.421		539	SEE F.B. 2422-113 FOR DESC.
	3322		624			8600		629		
	2698		627			7971		629		T M. CERICOLA
2	2071		1251			7342		1258		
	8.091	2.697		1.791		23913	7.971		1.797	
	3769		629			7578		626		
	3140		629			6952		623		
3	2511		1258			6329		1249		
	9.420	3.140		5.049		20.859	6.953		3.046	
	2089		626			8982		621		
	1463		623			8361		619		
4	0840		1249			7742		1240		
	4.392	1.464		0.298		25085	8.362		4.286	
	3098		627			7650		623		
	2471		623			7027		626		
5	1848		1250			6401		1249		
	7.417	2.472		5.548		21.078	7.026		5.535	
		13.984					36.733			

F.B. 2422 P.G. 151

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr 142552
Notes by J. MOODY Time 11:35 TO 12:20 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-3 To B.M. 53-2A
Date 2-12-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3817	13.984	626	5548		7141	36.133	629	5535	
	3191		628			5512		630		
	2563		1254			5289		1259		
6	7571	3.190		6.802		19535	6.520		6.793	
	5011		119			5568		134		B.M. 53-2A
	4892		120			5034		133		WHEELER & LAVERNE RD, 0.9 mi. N. of
	4772		2391			5301		2671		BASELINE RD.
7	12675	4.892		7041		16303	5.434		7.060	SEE F.B. 2422-112 FOR DESC.
									7.041	
									14.101	
									= 0.27 mi.	
										SUMMATION OF RUN
										B.M. 53-3 TO B.M. 53-2A
										TOTAL BACK SIGHTS + 22.066
										TOTAL FORE SIGHTS - 48.687
										DIFF IN ELEVATION - 26.621
		22.066					48.687			

F.B. 2422 P.G. 152

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 10:10 70 10:55 Rod No. 15 5/16

Name FRICK RANCH REG PARK
Job No. 00.55.22
From B.M. 53-3 To B.M. 53-4
Date 2-12-58
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8739	8.123	400	10.228		2212	20.276	500	10.252	
	8439		500			1712		499		
	7939		1000			1213		999		
11	25.317	8459		11.228		5.137	1712		11.243	
	9210		497			2015		502		
	8913		496			1513		503		
	8417		993			1010		1005		
12	26.740	8.913		12.221		4.538	1.513		12.248	
	11037		622			2742		593		
	10415		623			2149		592		
	9792		1245			1557		1185		
13	31.244	10.415		13.466		6.448	2.149		3.443	B.M. 53-4
									13.466	WHEELER & LAVERNE RD AT JCT
									26.909	OF RD. TO SAN DIMAS CN. & MT.
									= 0.51mi.	SPRINGS RANCH
										SEE F.B. 2422-11 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-3 TO B.M. 53-4
										TOTAL BACKSIGHTS + 108.890
										TOTAL FORESIGHTS - 25.650
										DIFF IN ELEV. + 83.240
		108.890					25.650			

F.B. 2422 PG. 15

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 11:00 TO 11:35 Rod No. 18 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-4 To BM 53-3
Date 2-12-58
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2661		603		#18	10933		610		BM 53-4
	2058		606			10323		610		WHEELER & LA VERNE RD. AT JCT. OF RD.
	1452		1209			9713		1220		TO SAN DIMAS CN. & MT. SPRINGS RANCH
1.	6.171	2057		1209	56°	30969	10323		1220	SEE F.B. 2422-114 FOR DESC
	2019		503			9413		496		⊼ J. MOODY
	1516		503			8917		498		
	1013		1006			8419		994		
2.	4.548	1.516		2215		26749	8916		2,214	
	2197		500			8922		499		
	1697		499			8423		498		
	1198		999			7925		997		
3.	5.092	1.697		3214		25270	8.423		3,[illegible]	
	2534		476			8592		474		
	2058		476			8118		473		
	1582		952			7645		947		
4.	6.174	2.058		4166		24355	8.118		4,158	
	2472		450			8588		450		
	2022		450			8138		447		
	1572		900			7691		897		
5.	6.066	2.022		5066		24417	8139		5,055	
		9.350					43.919			

F.B. 2422 P.G. 156

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NK142552
Notes by T. OHASHI Time 11:00 TO 11:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM. 53-4 To B.M. 53-3
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2882	9.350	451	5066		8767	43.919	449	5055	
	2431		450			8318		448		
	1981		901			7870		897		
6.	7294	2.431		5967	56°	24955	8.318		5952	
	2530		458			9588		457		
	2072		457			9131		456		
	1615		915			8675		913		
7.	6217	2072		6882		27394	9.131		6865	
	1584		471			10062		478		
	1114		470			9584		477		
	0644		941			9107		955		
8.	3343	1.114		7823		28753	9584		7820	
	1756		486			9690		477		
	1270		486			9213		476		
	0784		972			8737		953		
9	3810	1.270		8795		27640	9.213		8773	
	2107		485			8502		482		
	1622		484			8020		481		
	1138		969			7539		963		
10	4867	1.622		9764		24061	8.020		9736	
		17.859					88.185			

F.B. 2422 P.G. 157

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Chief of Party G.E. UREIER Weather HAZE Inst. No. NA 162552
Notes by T. OHASHI Time 11:00 TO 11:35 Rod No. 15 E 16

Name FRICK RANCH REG. PARK
Job No. 06552Z
From B.M. 53-4 To B.M. 53-3
Date 2-12-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3758	17.859	627	9.764		7591	8 8.185	635	9.736	
	3131		629			6962		634		
	2502		256			6328		269		
11	9.391	3.130		11.020		20.887	6.962		11.005	
	4288		631			8513		635		
	3657		629			7938		633		
	3028		260			7305		268		
12	10.973	3.658		12.280		23.516	7.939		12.273	
	2594		624			7379		619		
	1971		623			6760		619		
	1348		1247			6141		1238		
13	5.914	1.971		13.527		20.280	6.765		13.511	
										B.M. 53-3
										WHEELER & LAVERNE RD. 1.2 mi.
										N. of BASELINE RD. at TOWER
										SEE F.B. 2422-113 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-4 TO B.M. 53-3
										TOTAL BACKSIGHTS +26.618
										TOTAL FORESIGHTS -109.846
										DIFF IN ELEVATION -83.228
F.B. 2422 P.G. 158										
		26.618					109.846			

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Chief of Party G.E. DREIER Weather PARTLY CLOUDY Inst. No. NR142552
Notes by T. OHASHI Time 8:55 TO 9:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00 55 22
From B.M. 53-4 To B.M. 53-5
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5942		633		#15	9241		623		B.M. 53-4
	5309		634			6618		622		WHEELER & LA VERNE RDS., CT. OF ROAD TO
	4675		1267			2996		1244		MOUNTAIN SPRINGS ROAD.
1	15.926	5.309		1267		28855	8.618		1245	SEE F.B. 2422-114 FOR DESC
	9879		503			3263		491		
	4326		501			2548		498		J. MOODY
	3825		1004			2350		993		
2	17979	4.326		2270		8543	2.848		2246	
	10004		560			1521		403		
	9504		499			1116		503		
	9005		999			4519		1006		
3	28513	9.504		3269		30547	1.018		3246	
	8912		353			1792		363		
	8559		352			1439		361		
	8207		705			1086		724		
4	25678	8.559		3974		4319	1.440		3956	
	10528		370			1942		377		
	10158		370			1565		377		
	9788		740			1186		755		
5	30474	10.158		4714		4693	1.564		4705	
		37.856					15.489			

F.B. 2422 P.G. 159

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ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by T. OHASHI Time 8:55 TO 9:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-4 To B.M. 53-5
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8298	37.856	333	4714		3295	15.489	330	4706	
	7965		332			2965		330		
	7633		660			2635		660		
6.	23896	7.965		5379		8895	2.965		5365	
	8405		374			3522		367		B.M. 53-5
	8031		374			3155		370		WHITTIER & LA VERNE RD. 0.23 mi.
	7657		748			2789		737		E. OF RD TO MT. SPRINGS RANCH
7.	24093	8.031		6127		9462	3.154		6102	
									6,127	
									12,229	SEE FB. 2422 - 115 FOR DESC.
									0.23 mi	
										SUMMATION OF RUN
										B.M. 53-4 TO B.M. 53-5
										TOTAL BACKSIGHTS +53,852
										TOTAL FORESIGHTS -21,668
										DIFF IN ELEVATION +32,244
		53.852					21.608			

F.B. 2422 P.G. 160

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No NH-142552
Notes by T. OHASHI Time 9:55 to 10:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-5 To B.M. 53-4
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	3655 3287 2918 9860	3.287	368 369 737	737	+15 58°	8500 8125 7790 24295	8.165	375 375 750	750	B.M. 53-5 WHEELER & LA VERNE RD. 0.23 MI. E. OF JCT. MT. SPRINGS RANCH RD. SEE F.B. 2422-115 FOR DESC
2	2946 2617 2289 7852	2.617	329 328 657	394		7946 7616 7282 22848	7.616	334 334 668	1418	↑ J. MOODY
3	1968 1571 1191 4.710	1570	377 380 757	2141		10536 10165 9795 30496	10.165	371 370 741	2159	
4	1819 1468 1117 4.404	1.468	351 351 702	2853		8758 8586 8233 25.757	8586	352 353 705	2864	
5	1404 0899 0395 2.698	0899	505 504 1009	3862		9883 9386 8889 28.158	9386	497 497 994	3858	
		9.841					43.918			

F.B. 2422 P.G. 161

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No Nr 142552
Notes by T. OHASHI Time 7:55 To 10:20 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-5 To B.M. 53-4
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3310	9.841	498	9862		4791	43.118	402	38.558	
	2812		500			4269		501		
	2312		998			3788		1003		
6	8434	2.811		4860		12868	4.289		1827	
	9372		624			6068		628		B.M. 53-4
	8748		627			5431		629		INHEELER & LAVERNE RD & JCT OF
7	8121		1251			4805		1257		RD TO MOUNTAIN SPRINGS RANCH
	26241	8747		6111		16310	5.437		4118	
										SEE F.B. 2422-114 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-5 TO B.M. 53-4
										TOTAL BACKSIGHTS + 21.399
										TOTAL FORESIGHTS - 53.644
										DIFF IN ELEVATION - 32.245
		21.399					53.644			

F.B. 2422 P.G. 162

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E.DREIER Weather PART CLOUDY Inst. No NR.142552
Notes by G.E.DREIER Time 9:20 TO 9:50 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M.53-5 To B.M.53-6
Date 7-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.668		465		#15	2.671		452		BM.53-5
	10.203		464			2.225		453		WHEELER & LA VERNE RD., 0.23 mi.
	9.739		929			1.772		905		E. OF RD. TO MT. SPRINGS RANCH
1	30.610	10.203		.929	58°	6.674	2.225		.905	SEE F.B. 2422-115 FOR DESC.
	9.746		629			2.235		625		T J. MOODY
	9.117		629			1.610		628		
	8.488		1.258			0.982		1253		
2	27.351	9.117		2.187		4.827	1.609		2.158	
	8.859		628			2.907		625		
	8.231		629			2.282		621		
	7.602		1.257			1.661		1.246		
3	24.692	8.231		3.444		6.850	2.283		3.404	
	9.764		625			3.363		624		
	9.139		623			2.739		621		
	8.516		1.248			2.118		1.245		
4	27.419	9.140		4.692		8.220	2.740		4.649	
	5.218		629			6.533		625		
	4.589		629			5.908		626		
	3.960		1.258			5.282		1.251		
5	13.767	4.589		5.950		17.723	5.908		5.900	
		41.280					14.765			

F.B. 2422 P.G. 163

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather PART CLOUDY Inst. No Nr.142552
Notes by G.E.DREIER Time 9'20 TO 9'50 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M.53-5 To B.M.53-6
Date 2-13-58
Indexed A. C. Johnson

F.B. 2422 P.G. 164

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.185	41.280	627	5.950		4.182	14.765	627	5.900	
	6.558		627			3.555		627		
	5.931		1.254			2.928		1.254		
6	19.674	6.558		7.204		10.665	3.555		7.154	
	8.777		628			1.974		623		
	8.149		629			1.351		621		
	7.520		1.257			0.730		1.244		
7	24.446	8.149		8.461		4.055	1.352		8.348	
	11.974		623			1.445		628		
	11.351		627			0.817		626		
	10.724		1.250			0.191		1.254		
8	34.049	11.350		9.711		2.453	0.818		9.652	
	9.380		610			3.630		638		
	8.770		611			2.992		637		
	8.159		1.221			2.355		1.275		
9	26.309	8.770		10.932		8.977	2.992		10.927	
	9.148		463			1.298		493		
	8.685		463			0.805		492		
	8.222		926			0.313		985		
10	26.055	8.685		11.858		2.416	0.805		11.912	
		84.792					24.287			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No NK142552
Notes by G.E. DREIER Time 9:20 TO 9:50 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 6055.22
From B.M. 53-5 To B.M. 53-6
Date 2-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6712	84.792	137	11.858		3,253	24.287	140	11,912	
	6,575		137			3.113		141		B.M. 53-6
	6,438		1 2 74			2,972		1 281		WHEELER & LA VERNE RD. &
11	19.725	6.575		12,132		9.338	3.113		12,193	BRYDON RD.
									12,132	SEE F.B. 2422-116 FOR DESC.
									4,825	
									24.5 mi	OF F
										SUMMATION OF RUN
										B.M. 53-5 TO B.M. 53-6
										TOTAL BACKSIGHTS + 91.367
										TOTAL FORESIGHTS - 27.400
										DIFF IN ELEVATION + 63.967
										F.B. 2422, P.G. 165
		91.367					27.400			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather SUNNY - HAZE Inst. No. N-102552
Notes by T. OHASHI Time 9:25 TO 9:55 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-6 To B.M. 53-5
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.934		147		#15	6351		131		BM. 53-6
	2.787		146			6220		132		WHEELER & LAVERNE & BRYDON RD.
	2.641		293 ✓			6088		263 ✓		SEE F.B. 2422-116 FOR DESC.
1.	8 X 362	2.787 ✓		293 ✓		18.719 ✓	6.250		263 ✓	
	1353		494			9203		264		⊼ J. MOODY
	0859		490			6939		263		
	0369		984 ✓			6276		527 ✓		
2.	2.581	0.860		1277 ✓		26.218	8.739		790 ✓	
	3652		625			9461		626		
	3057		625			8835		626		
	2432		1250 ✓			8211		1252 ✓		
3.	9.171	3057		2527 ✓		26.506	8.835		2642 ✓	
	1251		533			11962		714		
	0718		533			11248		714		
	0185		1066 ✓			10534		1428 ✓		
4.	2.154	0.718		3593 ✓		33.744	11.248		2856 ✓	
	2081		687			8799		662		
	1394		686			8137		662		
	0708		1373 ✓			7831		1324 ✓		
5.	4.183	1.394		4966 ✓		24.579	8.193		6993 ✓	
		8.816 ✓					43.265 ✓			

F.B. 2422 P.G. 166

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather SUN - HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 7.25 TO 9.55 Rod No. 15 / 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-6 To B.M. 53-5
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4310	8.816	632	4.966		7299	13.265	621	4.993	
	3678		633			6678		619		
	3045		1265			6059		1240		
6	11.033	3.678		6.231		20.036	6.679		6.233	
	6491		624			5179		628		
	5867		627			4551		629		
	5242		1251			3922		1257		
7	17.065	5.868		7.483		13.652	4.551		7.490	
	3242		625			9637		623		
	2617		626			9014		622		
	1991		1251			8392		1245		
8	7.850	2.617		8.734		27043	9.014		8.735	
	2849		625			8101		627		
	2223		624			8178		626		
	1598		1249			7548		1253		
9	6.669	2.223		9.984		16.523	8.174		9.985	
	2312		627			9818		627		
	1685		628			9191		628		
	1057		1255			8563		1255		
10.	5054	1.685		11.239		27572	9.191		11.243	
		24.887					80.874			

F.B. 24222 P.G. 167

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No N-142552
Notes by T. OHASHI Time 7:25 TO 9:55 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-6 To B.M. 53-5
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2201	24.887 ✓	427	112.39 ✓		10198	80.874 ✓	463	11.283 ✓	B.M. 53-5
	1754		427			7735		463		WHEELER & LA VERNE RD., 0.23 MI. E. OF
	1307		576 ✓			9277		926 ✓		RD. TO MT. SPRING RANCH
11.	5262 ✓	1.754 ✓		12.133 ✓		29,205 ✓	9.735 ✓		2.167 ✓	SEE F.B. 2422-115 FOR DESC
										SUMMATION OF RUN
										B.M. 53-6 TO B.M. 53-5
										TOTAL BACK SIGHT + 26,641 ✓
										TOTAL FORE SIGHT - 90.609 ✓
										DIFF. IN ELEV. - 63.968 ✓
		26.641 ✓					90.609 ✓			

F.B. 2422 PG. 168

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather Part Cloudy Inst. No. NC142552
Notes by J. MOODY Time 10:20 to 10:20 Rod No. 15716

Name ERICK RANCH REG. PARK
Job No. 00552.2
From BM 53-6 To BM 53-7
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11369		490		#15	1406		512		BM 53-6
	10879		496			0894		511		WHEELER & LA VERNE RD, &
	10389		986			0383		1023		BRYDON RD.
1	32637	10.879		980	58°	2.683	0894		1023	SEE F.B. 2427 - 6 DEC.
	11171		412			0972		395		
	10759		411			0577		397		T DREIER
	10348		823			0180		792		
2	32278	10.759		1803		1729	0.576		1815	
	5444		646			7759		626		
	4798		647			7133		625		
	4151		293			6508		1251		
3	14393	4.798		3096		21400	7.133		3066	
	7909		632			1470		637		
	7277		635			0833		636		
	6642		1267			0197		1273		
4	21828	7.276		4363		2500	0.833		4339	
	10987		475			1268		476		
	10512		471			0792		474		
	10038		949			0318		950		
5	31537	10512		5312		2378	0.793		5289	
		11.224					11.229			

F.B. 4227 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. NC 122 572
Notes by J. MOODY Time 10:00 to 10:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-6 To BM 53-7
Date 2-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11803	44.224	410	5312		0953	10.229	376	5289	
	11393		411			0577		379		
	10982		821			0198		755		
6	34.178	11.393		6133		1.728	0.576		6.044	
	11213		366			0637		318		
	10847		369			0319		319		
	10478		735			0000		637		
7	32538	10.846		6868		0.956	0.319		6681	
									6868	BM 53-7
									12547	WHEELER & LA VERNE RD., 0.26 MI.
									+0.26 M	N.E. OF BRYDEN RD.
										SEE F.B. 2422-113 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-6 TO B.M. 53-7
										TOTAL BACKSIGHTS +66.463
										TOTAL FORESIGHTS -11.124
										DIFF IN ELEVATION +55.339
		66.463					11.124			

F.B. 2422 P.G. 170

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather SUN - HAZE Inst. No. NK 142552
Notes by T. OHASHI Time 9:05 TO 9:25 Rod No. 15 & 16

Name ERICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-7 To B.M. 53-6
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1193 0904 0613 2710	0.903	289 291 580	580	#15	11828 11432 11036 34296	11.432	396 396 792	792	B.M. 53-7 WHEELER & LA VERNE RD., 0.26 MI. N.E. OF BRYDON RD. SEE F.B. 2422 - 117 FOR DESC.
2	1018 0632 0247 1897	0632	386 385 771	1351		11853 11447 11042 34342	11.447	406 405 811	1603	⊼ G.E. DREIER
3	1182 0662 0181 1985	0.662	480 481 961	2312		10849 10382 9916 31147	10.382	467 466 933	2536	
4	1532 0941 0290 2733	0941	621 621 1242	3554		8000 7355 6709 22064	7.355	645 646 1291	3827	
5	8847 8155 7452 24464	8155	702 703 1404	4555		6348 5819 5292 17459	5.819	529 527 1156	4983	
		11.263					46.435			

F.B. 2422 P.G. 171

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather SUN - HAZE Inst. No. N-142552
Notes by T. OHASHI Time 9:05 TO 9:25 Rod No. 15816

Name FRICK RANCH REG. PARK
Job No. 00552.2
From B.M. 53-7 To B.M. 53-6
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1079	11.263	400	4959		11271	46.435	411	9983	
	0679		399			10860		410		
	0280		799			10450		821		
6	2.638	0.679		5758		32581	10.860		8804	
	1748		461			11809		538		B.M. 53-6
	1287		462			11271		538		WHEELER & LA VERNE RD. & BRYDON RD.
	0825		923			10733		1076		SEE F.B. 2422-116 FOR DESC.
7.	3860	1.287		6681		34813	11.601		6886	

F.B. 2422 P.G. 172

SUMMATION OF RUN
B.M. 53-7 TO B.M. 53-6
TOTAL BACKSIGHT + 13.229
TOTAL FORESIGHT − 68.566
DIFF. IN ELEV. −55.337

13229 68.566

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. NT 142552
Notes by J. MOODY Time 10:20 to 11:05 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-7 To BM 53-8
Date 2-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11768		408		#15	0984		367		BM 53-7
	11360		408			0617		368		WHEELER & LA VERNE RD, 0.26 MI.
	10952		816			0249		735		N.E. of BRYDON RD
1	34080	11.360		.816	58°	1.850	0.617		.735	SEE F.B. 2422-117 for DESC.
	11583		353			0882		281		
	11.230		353			0601		282		T. DREIER
	10877		706			0319		563		
2	33.690	11.230		1.522		1.802	0.601		1.298	
	11.209		299			1135		339		
	10.910		299			0796		339		
	10.611		598			0457		678		
3	32.730	10.910		2.120		2.388	0.796		1.976	
	11.592		319			2013		341		
	11.273		317			1672		341		
	10956		636			1331		682		
4	33821	11.274		2.756		5.016	1.672		2.658	
	10290		311			1517		374		
	9979		311			1143		372		
	9668		622			0771		746		
5	29937	9.979		3.378		3.431	1.144		3.404	
		54.753					4.830			

F.B. 2422 P.G. 173

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DIETER Weather PART CLOUD Inst. No. NK 142552
Notes by J. MOODY Time 10:20 11:05 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.32
From BM 53-7 To BM 53-8
Date 2-13-58
Indexed E. G. Johnson

F.B. 2422 P.G. 174

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.977	64.753 ✓	351	3.378 ✓		11.553	11.530 ✓	345	2.403 ✓	
	11.626		354			10788		366		
	11272		705 ✓			10422		731 ✓		
6	34875 ✓	11.625		4.083 ✓		32362 ✓	10.788		5135 ✓	
	11162		308			10674		331		
	10854		306			10343		334		
	10548		614 ✓			10013		665 ✓		
7	32564	10.855		2697 ✓		31030	10.343		4806 ✓	
	10858		340			16826		334		
	10518		339			13026		334		
	10179		679 ✓			09686		668 ✓		
8	31555	10.518		5376 ✓		39626	13026		5468 ✓	
	11457		359			23311		358		
	11092		359			19773		356		
	10733		718 ✓			16417		714 ✓		
9	33276	11.092		6094 ✓		59821	19770		6182 ✓	
	10543		356			19501		354		
	10187		355			11100		353		
	09832		711 ✓			07747		707 ✓		
10	30562	10.187		6805 ✓		38301	11.100		6889 ✓	
		109.030 ✓					11.3410 ✓			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. WHEELER Weather PART CLOUDY Inst. No. AIR 192652
Notes by J. MOODY Time 10:20 to 11:05 Rod No. 15816

Name FRICK RANCH REF. PARK
Job No. 0251.37
From BM 53-7 To BM 53-8
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10642	10.930	347	6805		12288	11.502	366	6889	
	10295		347			08622		364		
	09308		694			04980		730		
11	30885	10.295		7.099		25888	10.863		7.619	
	10865		365			20888		349		
	10502		362			17398		348		
	10138		727			13910		697		SUMMATION OF RUN
12	31505	10.502		8226		52188	1.739		8.316	B.M. 53-7 TO B.M. 53-8
	10673		391			10255		362		TOTAL BACKSIGHTS + 108.764
	10292		382			06633		361		TOTAL FORESIGHTS - 17.756
	09910		763			03022		723		DIFF IN ELEVATION + 91.008
13	30875	10.292		8.989		19910	3.663		9.039	
	88120		169			38321		180		
	86435		170			31511		181		
	83115		339			29700		361		
14	25934	8.645		9328		9.452	3.151		9400	F.B. 2422 P.G. 175
									9.328	
									18.728	BM 53-8
									+ 0.35 mi	WHEELER & LA VERNE RD.
										AT FENCE COR.
										SEE F.B. 2422-118 for DESC
		148.764					17.756			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. NK 19255Z
Notes by J. MOODY Time 8:30 to 7:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00 55 22
From BM 53-8 To BM 53-7
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.202		174		#15	8.684		164		BM. 53-8
	3.028		174			8.520		165		WHEELER & LA VERNE RD AT
	2.854		348 ✓			8.355 ✓		329 ✓		FENCE COR.
1	9.084 ✓	3.028		348 ✓	52°	25.559	8.520		329 ✓	SEE F.B. 2422 - 118 & DESC
	0991		350			10651		383		
	0641		349			10268		381		T DREIER
	0292		699 ✓			9887		764 ✓		
2	1.924	0.641		1047 ✓		30806	10.269		1093 ✓	
	2208		349			10983		362		
	1859		348			10621		365		
	1511		697 ✓			10256		727 ✓		
3	5.578	1.859		1744 ✓		31860	10.620		1822 ✓	
	1081		354			10922		365		
	1127		354			10557		368		
	0773		708 ✓			10189		733 ✓		
4	3381	1.127		2452 ✓		31668	10.556		2553 ✓	
	1481		354			10568		356		
	1127		356			10212		354		
	0771		710 ✓			9858		710 ✓		
5	3379	1.126		3162 ✓		30638	10.213		3263 ✓	
		7.781 ✓					50.178 ✓			

F.B. 2422 PG. 176

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. NT 192532
Notes by J. MOODY Time 8:30 to 9:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55 22
From BM 53-8 To BM 53-7
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2359	7.781 ✓	368	3.162 ✓		11056	50.178 ✓	348	3.263 ✓	
	1991		376			11108		347		
	1621 ✓		738 ✓			10761 ✓		695 ✓		
6	5.971 ✓	1.990		3.900 ✓		33325 ✓	11.108		3.958 ✓	
	1651		302			10853		327		
	1309		342 ✓			10526		329		
	0967		684 ✓			10197		656 ✓		
7	3.927	1.309		2.584 ✓		31576	10.525		2.614 ✓	
	1821		331			11304		306		
	1490		331			10998		305		
	1159		662 ✓			10693		611 ✓		
8	4.470	1.490		2.246 ✓		32995 ✓	10.998		2.225 ✓	
	1031		348			11877		357		
	0683		345 ✓			11520		356 ✓		
	0338		693 ✓			11164		713 ✓		
9	2.052	0.684		1.939 ✓		34561	11.520		1.938 ✓	
	1504		331			10350		341		
	1173		330 ✓			10009		341		
	0843		661 ✓			9668		682 ✓		
10	3.520	1.173		6.600 ✓		30027	10.009		6.620 ✓	
		14.427 ✓					104.338 ✓			

F.B. 2422 P.G. 177

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. NT 142552
Notes by J. MOODY Time 8:30 to 9:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-8 To BM 53-7
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1990	14.427	331	6.600		11594	104.338	334	6.620	
	1659		331			11.260		333		
	1328		662			10.927		667		
11	4.977	1.659		7.262		33.781	11.260		7.287	
	1192		325			11289		309		
	0867		326			10980		308		
	0541		651			10672		617		
12	2.600	0867		7.913		32941	10.980		7.904	
	0852		311			11494		324		
	0541		310			11.170		325		SUMMATION OF RUN
	0231		621			10.845		649		BM 53-8 to BM 53-7
13	1.624	0.541		8.534		33.509	11.170		8553	total BACKSIGHTS +18.085
	0990		399			11713		376		total FORESIGHTS -149.084
	0591		399			11337		379		DIFF IN ELEV. -130.999
	0192		798			10958		755		
14	1.773	0591		9332		34008	11.336		9308	
										BM 53-7
										WHEELER & LA VERNE RD., 0.26 MI
										N.E. of BRYDON RD.
										SEE F.B. 2422-117 for DESC.
		18.085					149.084			

F.B. 2422 P.G. 178

44-96

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No WR 142552
Notes by G.E. DREIER Time 11:10 TO 11:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-8 To F.M. 53-7
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.128		383			0.895		353		B.M. 53-8
	9.745		383			0.542		350		WHEELER & LA VERNE RD AT COR FENCE
	9.362		.766 ✓	.766 ✓		0.192		703 ✓		SEE F.B. 2422-118 FOR DESC.
1	29.235 ✓	9.745			58°	1.629 ✓	0.543		703 ✓	
	10.582		360			1.017		283		T J. MOODY
	10.222		359			0.734		284		
	9.863		719 ✓	1.485 ✓		0.450		567 ✓		
2	30.667	10.222				2.201	0.734		1.270 ✓	
	10.922		280			1.391		266		
	10.642		279			1.125		266		
	10.363		559 ✓	2.044 ✓		0859		532 ✓		
3	31.927	10.642				3.375	1.125		1.802 ✓	
	11.029		257			0969		324		
	10.772		258			0.645		324		
	10.514		515 ✓	2.559 ✓		0.321		648 ✓		
4	32.315	10.772				1.935	0.645		2.450 ✓	
	10.533		281			1.071		319		
	10.552		282			0.752		317		
	10.270		563 ✓	3.122 ✓		0.435		636 ✓		
5	31.655	10.552				2.258	0.753		3.086 ✓	
		51.933 ✓					3.800 ✓			

F.B. 2422 P.G. 179

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZY Inst. No. N-142552
Notes by T. OHASHI Time 3:30 To 3:53 Rod No. 15666

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-9 To BM 53-8
Date 2-13-58
Indexed C. Johnson

F.B. 2422 P.G. 182

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0872	5.025	241	2851		11016	5.3232	259	2725	
	0631		240			10757		259		
	0391		481			10498		518		
6.	1.894	0631		3332		32271	10757		3243	
	0787		253			10319		265		
	0534		253			10054		266		
	0281		506			9788		531		
7.	1.602	0534		3838		30161	10054		3774	
	1543		272			11134		376		
	1271		273			10758		374		
	0998		545			10382		750		
8.	3.812	1271		4383		32276	10759		4524	
	0842		324			10135		413		
	0518		324			9722		413		
	0194		508			9309		826		
9.	1.554	0518		5031		29166	9722		5350	
										SUMMATION OF RUN
										B.M. 53-9 TO B.M. 53-8
										TOTAL BACKSIGHTS + 7.979
										TOTAL FORESIGHTS - 94.524
		7.979					94524			DIFF IN ELEVATION - 86.545

BM 53-8 BLYDON RD.
WHEELER & LAVERNE RD 0.6 MI. N.E. OF
SEE F.B. 2422-118 FOR DESC.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr. 142552
Notes by G.E. DREIER Time 11:40 TO 1:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-9 To B.M. 53-10
Date 2-13-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.737		252		#15	1.853		248		B.M. 53-9
	10.485		252			1.605		248		SEC. COR. 19, 20, 29 & 30
	10.233		504 ✓			1.357		496 ✓		SEE F.B. 2422-119 FOR DESC.
1	31.455 ✓	10.485		504 ✓	62°	4.815 ✓	1.605		.496 ✓	
	11.553		343			3.196		379		
	11.210		342			2.817		379		
	10.868		685 ✓			2.438		758 ✓		
2	33.631	11.210		1.189 ✓		8.451	2.817		1.254 ✓	T J. MOODY
	10.699		641			2.263		607		
	10.058		640			1.656		608		
	9.418		1.281 ✓			1.048		1.215 ✓		
3	30.175	10.058		2.470 ✓		4.967	1.656		2.469 ✓	
	8.797		241			1.682		252		
	8.556		241			1.430		252		
	8.315		482 ✓			1.178		504 ✓		
4	25.668	8.556		2.952 ✓		4.290	1.430		2.973 ✓	
	11.131		251			1.650		259		
	10.880		251			1.391		260		
	10.629		502 ✓			1.131		519 ✓		
5	32.640	10.880		3.454 ✓		4.172	1.391		3.492 ✓	
		51.189 ✓					8.899 ✓			

F.B. 2422 P.G. 183

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather PART CLOUDY HAZE Inst. No. N-142552
Notes by G.E. DREIER Time 11:40 TO 1:20 Rod No. 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From B.M. 53-9 To B.M. 53-10
Date 2-13-58
Indexed C. Johnson

F.B. 2422 P.G. 184

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.685	11.189 ✓	271	3454 ✓		0772	8.899 ✓	224	3.492 ✓	
	11.414		272			0.548		222		
	11.142		543 ✓			0.326		446 ✓		
6	34.241 ✓	11.414		3.997 ✓		1.646	0.549		3.938 ✓	
	10.015		229			0.995		276		
	9.786		229			0.719		277		
	9.557		458 ✓			0.442		553 ✓		
7	29.358	9.786		4.455 ✓		2.156	0.719		4.491 ✓	
	11.170		214			1111		204		
	10.956		215			0.907		202		
	10.741		429 ✓			0.705		406 ✓		
8	32.867	10.956		4.884 ✓		2.723	0.907		4.897 ✓	
	11.802		344			3.595		367		
	11.458		343			3.228		368		
	11.115		687 ✓			2.860		735 ✓		
9	34.375	11.458		5.571 ✓		9.683	3.228		5.632 ✓	
	7.970		343			4.787		348		
	7.627		345			4.439		344		
	7.282		688 ✓			4.095		692 ✓		
10	22.879	7.626		6.259 ✓		13.321	4.440		6.324 ✓	
		102.429 ✓					18.742 ✓			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZY Inst. No NM.142552
Notes by G.E. DREIER Time 11:40 TO 1:20 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M.53-9 To B.M.53-10
Date 2-13-54
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.062	102.429	197	6.259		2409	18742	164	6.324	
	6.865		198			2245		165		B.M. 53-10
	6.667		395			2.080		329		N.E. COR OF SMALL RES.
11	20594	6.865		6.654		6.734	2.245		6.653	SEE F.B. 2422-120 FOR DESC.
									6.654	
									+3.307	
									=0.25MI.	008
										SUMMATION OF RUN
										B.M. 53-9 TO B.M. 53-10
										TOTAL BACKSIGHTS +109.294
										TOTAL FORESIGHTS -20.987
										DIFF IN ELEVATION +88.307
										F.B. 2422 PG. 185
		109.294					20.987			

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. Nr. 142552
Notes by T. OHASHI Time 3:00 TO 3:30 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-10 To B.M. 53-9
Date 2-13-58
Indexed C. Johnson

F.B. 2422 P.G. 186

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2294 2117 1940 6.351	2.117	177 177 354 ✓	354 ✓	#15	6918 6736 6555 20.209 ✓	6.736	182 181 363 ✓	363 ✓	B.M. 53-10 N.E. COR OF SMALL RES. SEE F.B. 2422-120 FOR DESC.
2	4288 3938 3589 11815	3938	350 349 699 ✓	10.53 ✓		7268 7124 6781 21373	7124	344 348 692 ✓	10.54 ✓	T. J. MOODY
3	3256 2885 2516 8.657	2.886	371 369 740 ✓	1793 ✓		11452 11116 10779 33347	11116	336 337 673 ✓	1793 ✓	
4	1152 0948 0745 2845	0948	204 203 407 ✓	2200 ✓		11211 10771 10788 32.994	10.998	213 213 426 ✓	2149 ✓	
5	0891 0656 0423 1970	0657	235 233 468 ✓	2668 ✓		9555 9725 9454 29174	9725	276 271 547 ✓	2690 ✓	
		10.546 ✓					45.699 ✓			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZY Inst. No. N-142552
Notes by T. OHASHI Time 3:00 TO 3:30 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-10 To BM 53-9
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0874	10.586 ✓	208	2668 ✓		11814	4.569 ✓	283	2690 ✓	
	0666		207			11531		284		
	0459		415 ✓			11247		567 ✓		
6	1.999 ✓	0666		3083 ✓		34592 ✓	11531		3257 ✓	
	1639		257			11126		254		
	1382		257			10872		254		
	1125		514 ✓			10618		508 ✓		
7	4.146	1382		3597 ✓		32616 ✓	10872		3765 ✓	
	1714		253			8832		244		
	1461		253			8588		244		
	1208		506 ✓			8344		488 ✓		
8	4.383	1461		4103 ✓		25764 ✓	8588		4253 ✓	
	2231		609			10668		643		
	1622		608			10025		643		
	1014		1217 ✓			9382		1286 ✓		
9	4.867	1622		5320 ✓		30075 ✓	10025		5539 ✓	
	3285		434			11531		287		
	2851		434			11244		286		
	2417		868 ✓			10958		573 ✓		
10	8.553 ✓	2851		6188 ✓		33733 ✓	11244		6112 ✓	
		18.528 ✓					97.959 ✓			

F.B. 2422 P.G. 87

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No. N-142552
Notes by T. OHASHI Time 3:00 TO 3:30 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM. 53-10 To BM 53-9
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1809	18.528	244	6188		10700	97.959	255	6112	
	1565		245			10445		255		B.M. 53-9
	1320		489			10190		510		SEC. COR 19, 20, 29, 30
11.	4694	1.565		6677		31,335	10.445		6622	SEE F.B. 2422-119 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-10 TO B.M. 53-9
										TOTAL BACKSIGHTS + 20.093
										TOTAL FORESIGHTS -108.404
										DIFF IN ELEVATION - 88.311
		20.093					108.404			

F.B. 2422 P.G. 188

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZY SUN Inst. No Nr1425572
Notes by G.E.DREIER Time 1:30 To 1:40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-10 To B.M. 53-11
Date 2-13-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9388		509		# 15	4.728		508		B.M. 53-10
	8.879		510			4.220		509		N.E. END SMALL RES.
	8.369		1,019 ✓			3.711		1017 ✓		SEE F.B. 2422-120 FOR DESC
1	26.636 ✓	8.879		1.019 ✓	60°	12.659 ✓	4.220		1.017	
	9188		308			1.870		301		
	8.880		309			1.569		302		
	8.571		617 ✓			1.267		603 ✓		T. OHASHI
2	26.639	8.880		1.636 ✓		4.706	1.569		1.620 ✓	
	10.556		263			0.792		240		SUMMATION OF RUN
	10.293		263			0.552		239		B.M. 53-10 TO B.M. 53-11
	10.030		526 ✓			0.313		479 ✓		TOTAL BACKSIGHTS +39.076
3	30.879 ✓	10.293		2.162 ✓		1.657	0.552		2.099 ✓	TOTAL FORESIGHTS -10.678
	11.411		386			4.744		414		DIFF IN ELEVATION +28.408
	11.025		389			4.330		412		
	10.636	4	775 ✓			3.918		826 ✓		
4	33.072	11.026		2.937 ✓		12.992	4.331		2.925 ✓	
		39.078					10.672		2.937 ✓	B.M. 53-11 (P.I. #D.
		6					2		5.862 ✓	P/L ON TOP OF HILL
									Fall mi. ✓	SEE F.B. 2422-121 FOR DESC

F.B. P.G. 189

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by J. MOODY Time 2:45 to 3:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-11 To B.M. 53-10
Date 2-13-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.856		405		#15	11.548		401		B.M. 53-11 (R.P.)
	4.451		401			11.147		402		P/L AT TOP OF HILL
	4.050		806 ✓			10.745		805 ✓		SEE F.B. 2422-121 FOR DESC.
1	13.357 ✓	9.452		806 ✓	60°	33.440	11.147		803 ✓	
	0.681		239			10.495 ✓		262		
	0.442		240			10.183		262		
	0.202		479 ✓			9.921		524 ✓		↑ T. OHASHI
2	1.325 ✓	0.442		1285 ✓		30.549 ✓	10.183		1327 ✓	
	2.709		310			10.023		313		
	2.399		309			9.710		313		
	2.090		619 ✓			9.397		626 ✓		
3	7.198	2.399		1904 ✓		29.130 ✓	9.710		1953 ✓	
	3.910		519			8.536		487		
	3.391		520			8.049		483		B.M. 53-10
	2.871		1039 ✓			7.566		970 ✓		N.E. COR OF SMALL RES.
4	10.172	3.391		2.943 ✓		20.151	8.050		2923 ✓	SEE F.B. 2422-120 FOR DESC.
F.B. 2422 P.G. 190										SUMMATION OF RUN
										B.M. 53-11 TO B.M. 53-10
										TOTAL BACKSIGHTS +10.684 ✓
										TOTAL FORESIGHTS -39.090 ✓
		10.684 ✓					39.090 ✓			DIFF IN ELEVATION -28.406 ✓

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK142552
Notes by G. E. DREIER Time 1:40 TO 2:15 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-11 To B.M. 53-12
Date 2-13-58
Indexed C. JORDAN

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.087		227		#15	9.593		243		B.M. 53-11
	0.860		226			9.350		242		P/L AT TOP OF HILL
	0.634		453 ✓			9.108		485 ✓		SEE F.B. 2422-121
1	2.581 ✓	0.860		.453 ✓	62°	28.051 ✓	9.350		.485 ✓	
	1.135		207			9.576		203		
	0.928		206			9.373		203		
	0.722		413 ✓			9.170		406 ✓		T. OHASH
2	2.785	0.928		.866 ✓		28.119	9.373		.891 ✓	
	1.023		221			10.076		226		
	0.802		221			9.850		227		
	0.581		442 ✓			9.623		453 ✓		
3	2.406	0.802		1.308 ✓		29.549	9.850		1.344 ✓	
	2.044		404			10.683		406		
	1.640		405			10.277		408		
	1.235		809 ✓			9.869		814 ✓		
4	4.919	1.640		2.117 ✓		30.829	10.276		2.158 ✓	
	3.265		290			8.668		319		
	2.975		292			8.349		320		
	2.683		582 ✓			8.029		639 ✓		
5	8.923	2.974		2.699 ✓		25.046	8.349		2.797 ✓	
		7.204 ✓					47.198 ✓			

F.B. 2422 P.G. 191

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZY SUN Inst. No NK142552
Notes by G.E.DREIER Time 1:40 TO 2:15 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 52-11 To B.M. 53-12
Date 2-13-58
Indexed A. C. Johnson

F.B. 2422 P.G. 192

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.010	7.204	306	2699		8.124	47.198	299	2.797	
	2.704		307			7.825		300		
	2 397		613			7 525		599		
6	8.111	2.704		3,312		23.474	7.825		3,396	
	4.930		382			1.482		325		
	4.548		383			1.157		327		
	4.165		765			0.830		652		
7	13.643	4.548		4.077		3.469	1.156		4.048	
	10.927		398			4.130		393		
	10.529		398			3.737		396		
	10.131		796			3.341		789		
8	31,587	10.529		4.873		11.208	3.736		4.837	
	8.188		641			4 141		637		
	7.547		640			3.504		638		
	6.907		1,281			2.866		1.275		
9	22.642	7.547		6154		10.511	3.504		6,112	
	11,639		646			8227		611		
	10.993		644			7.616		613		
	10,349		1.290			7.003		1.224		
10	32981	10.994		7.444		228 56	7.615		7.336	
		43.526					71.034			

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZY SUN Inst. No Nr.142552
Notes by G.E.DREIER Time 1:40 TO 2:15 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M.53-11 To B.M. 53-12
Date 2-13-58
Indexed K.C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.829	43.526 ✓	427	7,444 ✓		5.514	71.034 ✓	504	7.336 ✓	
	7.402		424			5.010		506		
	6.978		851 ✓			4.504 ✓		1.010 ✓		B.M.52-12
11	20209	7,403 ✓		8,295 ✓		15,028 ✓	5.009 ✓		8,346 ✓	AT S.W. COR LARGE RES.
	2								8,295 ✓	
									16,641 ✓	SEE F.B. 2422-122 FOR DESC.
									=0,32 MI. ✓	
										SUMMATION OF RUN
										B.M. 53-11 TO B.M. 53-12
										TOTAL BACKSIGHTS +50.929 ✓
										TOTAL FORESIGHTS -76.043 ✓
										DIFF. IN ELEVATION -25.114 ✓
										F.B. 2422 P.G. 123
		50.929 ✓					76,043 ✓			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NV-192552
Notes by J. MOODY Time 2:20 TO 2:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-12 To B.M. 53-11
Date 2-13-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.670		471		#15	8055		463		B.M. 53-12
	5.199		471			7.592		463		S.W. COR. LARGE RES.
	4.728		.942			7.129		926		SEE F.B. 2422-122 FOR DESC.
1	15597	5.199		.942	60°	22.776	7.592		.926	
	7972		611			11.378		643		
	7361		613			10.735		641		T. OHASHI
	6748		1224			10.094		1284		
2	22081	7.360		2.166		32207	10.736		2.210	
	3945		636			7993		642		
	3309		637			7351		640		
	2672		1273			6711		1282		
3	9.926	3.309		3439		22055	7.352		3.492	
	4274		395			11.064		395		
	3879		397			10.669		396		
	3482		792			10.273		791		
4	11.635	3.878		4231		32007	10.669		4.283	
	0904		367			4310		342		
	0577		369			3968		345		
5	0208		736			3623		687		
	1.729	0.576		4967		11.901	3.967		4970	
		20.322					40.316			

F.B. 2422 P.G. 194

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NR 142552
Notes by J. MOODY Time 1:00 to 1:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM53-11 To BM53-12
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1121		226		#15	9628		243		BM53-11 (P.I. #D)
	0895		225			9385		244		P/L at top of Hill
	0670		.451			9141		.487		SEE 2422-121 for DESC
1	2.686	0.895		.451	64°	28154	9.385		.487	
	1048		206			9492		203		
	0842		205			9289		204		π OHASH
	0637		.411			9085		.407		
2	2.527	0.842		.862		27866	9.289		.894	
	0808		225			9853		224		
	0583		225			9629		223		
	0358		.450			9406		.447		
3	1.749	0.583		1.312		28888	9.629		1.341	
	1708		405			10349		409		
	1303		404			9940		407		
	0899		.809			9533		.816		
4	3.910	1.303		2.121		29822	9.941		2.157	
	3197		292			8598		320		
	2905		291			8278		319		
	2614		.583			7959		.639		
5	8.716	2.905		2.704		24835	8.278		2.796	
		6.528					46.522			

F.B. 2422 P.G. 197

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Chief of Party G.E. DREIER Weather HAZE Inst. No NK-19255
Notes by J. MASON Time 1.00 to 1.50 Rod No. 15 & 16

Name ERICK RANCH REG. PARK
Job No. 0955 ZZ
From BM 53-11 To BM 53-12
Date 2-14-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2770	6.528	318	2.704		7868	4.652	294	2.796	
	2452		316			7574		293		
	2136		634			7281		587		
6	7.358	2.453		3.338		22723	7.574		3.383	
	4785		366			1.370		343		
	4419		368			1.027		342		
	4051		734			0.685		685		
7	13255	4.418		4.072		3.082	1.027		4.068	
	11.090		407			4271		382		
	10.683		410			3889		382		
	10.273		817			3507		764		
8	32.046	10.682		4.889		11.667	3.889		4.832	
	7870		640			3822		635		
	7230		640			3187		639		
	6590		1280			2548		1274		
9	21.690	7.230		6.169		9557	3.186		6.106	
	11.299		657			7868		603		
	10.642		657			7265		602		
	9985		1314			6663		1205		
10	31.926	10.642		7.483		21.796	7.265		7.311	
		41.953					69.463			

F.B. 2422 pg. 198

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK 192552
Notes by J. MOODY Time 1:00 to 1:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00552.22
From BM 53-11 To BM 53-12
Date 2-19-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8046	41.953'	619	7.483'		5709	69.463'	517	7.311'	
	7627		620			5232		514		
	7207		12.39'			4718		1031'		
11	22.880'	7.627'		8.722'		15.699'	5.233'		8.342'	
										BM 53-12. AT S.W. COR of LARGE RES. SEE F.B. 2022-122-6 & DES.
										SUMMATION OF RUN BM 53-11 to BM 53-12
										TOTAL BACKSIGHTS +49.580'
										TOTAL FORESIGHTS -74.696'
										DIFF IN ELEV. -25.116
										F.B. 2022 P.G. 199
		49.580'					74.696'			

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. NM 142552
Notes by J. MOODY Time 2:00 to 2:35 Rod No. 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From BM 53-12 To BM 53-11
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5919		509		#15	8241		436		BM 53-12
	5410		507			7805		437		AT S.W. COR. OF LARGE RES.
	4903		1016			7368		873		SEE F.B. 2422-122 FOR DESC.
1	16232	5.411		1016	62°	23414	7.805		873	
	7690		599			11.128		660		
	7091		598			10468		660		
	6493		1197			9808		1320		TT OHASHI
2	21.274	7091		2213		31404	10.468		2193	
	3330		637			7379		640		
	2693		635			6739		640		
	2058		1272			6090		1280		
3	8.081	2.694		3485		20217	6.739		3473	
	4061		395			10851		394		
	3666		396			10457		396		
	3270		791			10061		790		
4	10.997	3.666		4276		31.369	10.456		4263	
	1322		353			4718		358		
	0969		353			4360		356		
	0616		706			4004		714		
5	2.907	0.969		4982		13082	4.361		4977	
		19.831					39.829			

F.B. 2422 P.G. 200

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C.E. DREIER Weather HAZE Inst. No. NR 142552
Notes by J. MOODY Time 2:00 to 7:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From BM 53-12 To BM 53-11
Date 2-14-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7888	19.831	303	1.982		2777	39.829	309	4977	
	7585		300			2463		308		
	7285		603			2155		617		
6	22758	7.586		5.585		7.390	2.463		5.594	
	8538		320			3138		291		
	8218		320			2847		293		
	7898		640			2554		584		
7	20654	8.218		6.225		8.539	2.846		6.178	
	10337		408			1694		404		
	9929		408			1290		404		
	9521		816			0856		808		
8	29787	9.929		7.0814		3870	1.290		6986	
	9932		225			0882		222		
	9707		226			0660		222		
	9481		451			0438		444		
9	29120	9.707		7.4829		1.980	0.660		7430	
	9560		204			1119		206		
	9280		202			0913		205		
	9158		406			0708		411		
10	28082	9361		7.8889		2.740	0.913		7841	
		64.632					48.001			

F.B. 2422 P.G. 201

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NK 142557
Notes by J. MOODY Time 2:00 to 2:30 Rod No. 15 #16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-12 To BM 53-11
Date 2-14-58 C. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9366	6.632	229	7888		0885	4.900	233	7841	
	9137		229			0650		232		
	8910		458			0418		467		
11	27417	9.139		8346		19490	0.650		8308	
										BM 53-11 (PID) P/L AT TOP OF HILL SEE F.B. 2422-121 FOR DESC.
										SUMMATION OF RUN BM 53-12 to BM 53-11
										TOTAL BACKSIGHTS + 73.771' TOTAL FORESIGHTS - 48.651' DIFFERENCE + 25.120'
	73.771					48.651				

F.B. 2422 P.G. 2.02

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE Inst. No. NM142552
Notes by G.E. DREIER Time 3.00 TO 3.40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 53-12 To B.M. 53-12
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.292		383		#15	11.675		337		B.M. 53-12 RESERVOIR
	1.909		381			11.338		338		AT S.E. COR OF RECTANGULAR
	1.528		764			11.000		675		SEE F.B. 2422-122 FOR DESC
1	5.729	1.910		.764	70°	34.013	11.338		.675	
	1.261		298			10.835		288		
	0.963		298			10.547		289		
	0.665		596			10.258		577		T. J. MOODY
2	2.889	0.963		1.360		31.640	10.547		1.252	
	0.672		223			10.677		215		
	0.449		223			10.462		215		
	0.226		446			10.247		430		
3	1.347	0.449		1.806		31.386	10.462		1.682	
	0.903		305			10.707		294		
	0.598		305			10.413		296		
	0.293		610			10.117		590		F.B. 2422 P.G. 203
4	1.794	0.598		2.416		31.237	10.412		2.272	
	0.827		168			10.960		185		
	0.659		165			10.775		186		
	0.494		333			10.589		371		
5	1.980	0.660		2.749		32.324	10.775		2.643	
		4.580					53.534			

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZY Inst. No. NR.142552
Notes by G E.DREIER Time 3:00 TO 3:40 Rod No. 15 #16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M.53-12 To B.M.53-13
Date 2-14-58
Indexed A. C. Johnson

F.B. 2422 P.G. 204

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.714	4.580	171	2.749		10.416	5.534	168	2.643	
	0.543		171			10.248		166		
	0.372		342			10.082		334		
.6	1.629	0.543		3.091		30.746	10.249		2.977	
	1.752		123			11.033		181		
	1.629		124			10.852		181		
	1.505		247			10.671		362		
7	4.886	1.629		3.338		32.556	10.852		3.339	
	0.708		220			9.288		225		
	0.488		220			9.063		226		
	0.268		440			8.837		451		
8	1.464	0.488		3.778		27.188	9.063		3.790	
	1.081		418			8.330		350		
	0.663		416			7.980		349		
	0.247		834			7.631		699		
9	1.991	0.664		4.612		23.941	7.980		4.489	
	1.406		311			10.887		295		
	1.095		311			10.592		296		
	0.784		622			10.296		591		
10	3.285	1.095		5.234		31.775	10.592		5.080	
		8.9991					102.270			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZY Inst. No. Nr. 142552
Notes by G.E. DREIER Time 3:00 TO 3:40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-12 To B.M. 53-13
Date 2-14-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3083	8.999	117	5.234		8.326	102.270	172	5.080	
	2.966		116			8.154		173		B.M 53-13
	2.850		233			7.981		345		±420 FT. P.O.T. SEC. LINE, S. OF ¼ COR SEC. 20 & 29
11	8.899	2.966		5.467		24.461	8.154		5.425	
									5.467	
									10.892	= 0.21 mi
										SUMMATION OF RUN
										BM 53-12 to BM 53-13
										total BACKSIGHTS +11.965
										total FORESIGHTS −110.424
										[illegible] − 98.459
		11.965					110.424			

F.B. 2422 P.G. 205

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No. NY 142552
Notes by G. E. DREIER Time 2:15 TO 2:40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-13 To B.M. 53-12
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7835		144		#15	2645		143		B.M. 53-13
	7.691		145			2.502		143		FT. S. OF 1/4 COR., N. SIDE SEC. 29
	7.546		289			2.359		286		SEE F.B.
1	23.072	7.691		.289	58°	7.506	2.502		.286	
	10.949		294			1472		316		
	10.655		294			1.156		316		A. J. MOODY
	10361		588			0.840		632		
2	32065	10.655		.877		3.468	1.156		.918	
	8.649		350			1401		422		
	8.299		348			0.979		420		
	7.951		698			0.559		842		
3	24.899	8.300		1575		2.939	0.980		1.760	
	9472		225			0895		221		
	9.247		225			0.674		221		
	9.022		450			0.453		442		
4	27.741	9.247		2.025		2.022	0.674		2202	
	10.262		154			1033		147		
	10.108		154			0.886		147		
	9.954		308			0.739		394		
5	30.324	10.108		2.333		2.658	0.886		2.596	
		46.001					6.198			

F.B. 2422 P.G. 206

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather LIGHT FOG Inst. No NY 142552
Notes by G.E. DREIER Time 2:15 TO 2:40 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 005522
From B.M. 53-13 To B.M. 53-12
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.622	46.001	161	2.333		0.930	6.198	175	2.596	
	10.461		162			0.755		177		
	10.299		323			0.578		352		
6	31.382	10.461		2.656		2.263	0.754		2.948	
	11.789		284			1.510		121		
	11.505		286			1.389		120		
	11.219		570			1.269		241		
7	34.513	11.504		3.226		4.168	1.389		3.189	
	10.972		295			1.168		306		
	10.677		295			0.862		305		
	10.382		590			0.557		611		
8	32.031	10.677		3.816		2.587	0.862		3.800	
	10.852		207			0.882		250		
	10.645		207			0.632		251		
	10.438		414			0.381		501		
9	31.935	10.645		4.230		1.895	0.632		4.301	
	11.300		298			1.701		284		
	11.002		300			1.417		284		
	10.702		598			1.133		568		
10	33.004	11.001		4.828		4.251	1.417		4.869	
		100.289					11.252			

F.B. 2422 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather LIGHT FOG Inst. No NR.142552
Notes by G.E.DREIER Time 2:15 TO 2:40 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M.53-13 To B.M.53-12
Date 2-18-58
Indexed A.C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.632	00.289	323	4.828		2.174	11.252	292	4.869	
	11.309		323			1.882		291		B.M.53-12
	10.986		646			1.591		583		RES. AT S.E. COR. OF RECTANGULAR
11	33.927	11.309		5.474		5.647	1.882		5.452	SEE F.B. 2922-12R FOR DESC.
										SUMMATION OF RUN
										B.M.53-13 to B.M.53-12
										TOTAL BACKSIGHTS +111.598
										TOTAL FORESIGHTS - 13.134
										DIF IN ELEV + 98.464
		111.598					13.134			

F.B. 2922 P.G. 2.0.8.

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No Nr.142552
Notes by J.MOODY Time 1.15 to 1.30 Rod No 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From B.M. 53-13 To B.M. 53-14
Date 2-21-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3025		876			3881		881		BM 53-13
	2149		872			3000		882		1420 FT. S. OF 1/4 COR. N. SIDE
	1277		1748			2118		1763		SEC 29, T.1N, R.8W.
1	6451	2.150		1.748		8.999	3.000		1.763	SEE F.B. 2422-123 FOR DESC.
	5718		630			2563		627		NOTE:- THIS RUN NOT IN CIRCUIT
	5088		630			1936		628		TREAT AS SIDELINE
	4458		1260			1308		1255		AT G.E.DREIER
2	15264	5.088		3.008		5.807	1.936		3.018	SUMMATION OF RUN
										B.M. 53-13 TO B.M. 53-14
	9049		633			6358		637		TOTAL BACKSIGHTS +25.079
	8416		635			5721		636		TOTAL FORESIGHTS -17.420
	7781		1268			5085		1273		DIFF IN ELEVATION +7.659
3	25246	8.415		4.276		17164	5.721		4.291	
	6679		566			2838		572		NOTE. ELEV. TAKEN ON TOP OF
	6113		563			2266		573		FORM NAIL WHICH COULD
	5550		1129			1693		1145		RUST OFF. FORM NAIL IS
4	18342	6.114		6.405		6.797	2.266		6.436	.015 HIGHER THAAN W.
										RIM. OF PIPE.
	3663		341			4831		334		BM 53-14 (FRICK NO. 5)
	3312		341			4497		334		NEAR CENTER OF N.W. 1/4
	2971		682			4163		668		SEC. 29, T.1N, R.8W,
5	9936	3.312		6.087		13491	4.497		6.104	SEE F.B. 2422-124 FOR DESC.
		25.079					17.420		6.087	4.512
									12.191 = 0.23 m.	4.497
										.015

F.B. 2422 P.G. 209

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 19252
Notes by J. MOODY Time 1:30 - 1:40 Rod No. 16816

Name FRICK RANCH DEER PARK
Job No. 0055.22
From B.M. 53-14 To B.M. 53-13
Date 2-21-58
Indexed A. C. Johnson

F.B. 2422 PG. 210

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4785		334			3608		341		B.M. 53-14 (FRICK NO. 5)
	4451		334			3267		340		NEAR CENTER N.W. 1/4 SEC. 29
	4117		668			2927		681		T.1N., R.8W.
1	13353	4.451		668		9802	3.267		681	SEE F.B. 2422-124 FOR DES.
	2732		571			6577		568		
	2161		570			6009		567		G.E. DREIER
	1591		1141			5442		1135		
2	6484	2.161		1809		18028	6.009		1816	SEE NOTES ON PREVIOUS PAGE
	6532		634			9229		634		
	5898		635			8595		633		
	5263		1269			7962		1267		SUMMATION OF RUN
3	17693	5.898		3078		25786	8.595		3083	B.M. 53-14 TO B.M. 53-13
	2597		633			5739		627		TOTAL BACKSIGHTS + 17.702
	1964		632			5112		624		TOTAL FORESIGHTS - 25.364
	1332		1265			4488		1251		DIFF IN ELEVATION - 7.662
4	5893	1.964		4343		15339	5.113		4334	
	4108		879			3258		878		
	3229		881			2380		877		B.M. 53-13 T.1N., R.8W.
	2348		1760			1503		1755		+420 FT. S. 1/4 COR. N. SIDE SEC. 29
5	9685	3.228		6103		7141	2.380		6089	SEE F.B. 2422-123 FOR DES.
		17.702					25.364			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZY Inst. No NM142552
Notes by G.E. DREIER Time 8:30 TO 10:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0301.02
From B.M. 53-13 To B.M. 53-15
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.829		264		#15	9.152		284		B.M. 53-13 T 1N. R. 8W.
	0.565		264			8.868		285		±420 FT S. OF 1/4 COR, N. SIDE SEC 29
	0.301		528			8.583		569		SEE F.B. 2422-123 FOR DESC.
1	1.695	0.565		.528	58°	26603	8.868		.569	
	1.358		371			11.345		371		
	0.987		371			10.974		372		
	0.616		742			10.602		743		T J. MOODY
2	2.961	0.987		1.270		32921	10.974		1.312	
	1.126		468			11.792		429		
	0.658		469			11.363		427		
	0.189		937			10.936		856		
3	1.973	0.658		2.207		34091	11.364		2.168	
	0.991		296			10.073		406		
	0.695		296			9.667		407		
	0.399		592			9.260		813		
4	2.085	0.695		2.799		29.000	9.667		2981	
	1.570		378			9.965		537		
	1.192		379			9.528		535		
	0.813		757			9093		1072		
5	3.575	1.192		3.556		28.586	9.529		4.053	
		4.097					50.402			

F.B. 2422 P.G. 211

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT FOG Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:30 TO 10:00 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 005522
From B.M. 53-13 To B.M. 53-15
Date 2-18-58
Indexed A. C. Johnson

F.B. 242 P.G. 212

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.278	4.097	564	3556		4,338	50.462	5694.053		
	9.714		563			3.779		560		
	9.151		1.127			3.219		1129		
6	29.143	9.714		4.683		11.336	3.779		5.182	
	3.221		743			11.202		460		
	2.478		741			10.742		459		
	1.737		1.484			10.283		919		
7	7.436	2.479		6.167		32.227	10.742		6.101	
	1978		309			11.223		346		
	1.669		310			10.877		346		
	1359		619			10.531		692		
8	5.006	1.669		6.786		32631	10.877		6.793	
	1.370		256			10.016		241		
	1.114		256			9.775		242		
	0858		512			9533		483		
9	3342	1114		7.298		29,324	9.775		7.276	
	1,551		504			9.738		510		
	1.047		505			9.228		512		
	0.542		1.009			8.716		1022		
10	3.140	1.047		8,307		27.682	9.227		8.298	
		20.120					94.802			

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather LIGHT FOG Inst. No. NM142552
Notes by G.E.DREIER Time 8:30 TO 10:00 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M.53-13 To B.M.53-15
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.995	20.120	585	8.307		10.365	94.802	609	8.298	
	1.405		587			9.756		609		
	0.818		1.172			9.147		1.218		
11	4.213	1.404		9.479		29.268	9.756		9.516	
	2341		342			5.167		322		+ 23.524
	1.999		340			4.845		321		- 109.403
	1.659		782			4.524		643	59	- 85.879
12	5.999	2.000		10.261		14.536	4.845		10.160	
		23.524					109.403		10.261	
									20.421 = 0.39 mi	T.B.M. TOP OF STEEL FENCE CORNER POST TO E. OF ROAD BETWEEN B.M.53-13 & 53-15
	1492		480			10.778		456		
	1.012		480			10.322		454		
	0.532		960			9.868		910		
13	3.036	1.012		11.221		30.968	10.323		11.070	
	1.644		320			10.028		330		
	1.324		319			9.698		329		
	1.005		639			9.369		659		
14	3.973	1.324		11.860		29.095	9.698		11.728	
		2.336					20.021			

F.B. ZZZ P.G. 213

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather LIGHT FOG Inst. No NK-142552
Notes by G.E. DREIER Time 8:30 TO 10:00 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 53-13 To B.M. 53-15
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	26 01	2.336	560	11.860		11.218	20.021	614	11.725	
	2041		560			10.604		614		
	1481		1120			9.990		1228		
15	6.123	2.041		12.980		31.812	10.604		12.957	
	6.757		406			1.026		322		
	6.351		406			0.654		372		
	5.945		812			0282		694		
16	19.053	6.351		13792		1.962	0.654		13654	
	9299		202			1.008		201		
	9.097		203			0.807		201		
	8.894		405			0.606		402		
17	27.290	9.097		14.198		2.421	0.807		14.052	+ 27.090
	7.402		137			4278		205		- 36.159
	7.265		138			4.073		206		- 9.069
	7.127		275			3.867		411		
18	21.794	7.265		14.473		12.218	4.073		14.464	BM 53-15
									14.473	FT. W. OF CENTER SEC. (29)
									28.937	S. OF ROUND RES.
										= 0.055 MI.
										SUMMATION OF RUN FROM BM 53-13 to BM 53-15
										DIFFERENT IN ELEV. BM 53-13 to T.B.M. - 85.879
										" T.B.M. to BM 53-15 - 9.069
										" " " BM 53-13 to BM 53-15 - 94.948
		27.090					36.159			

F.B. 2422 P.G. 214

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather BREEZY LIGHT FOG Inst. No. NK 142552 Name FRICK RANCH REG. PARK
Notes by G.E. DREIER Time 1140 TO 2115 Rod No. 15 #16 Job No. 0055 RR
From B.M. 53-15 To B.M. 53-15
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.010	24.539	245	7.~~335~~ 255		1.355	5.159	252	7.135	
	9.765		247			1.103		251		
	9.518		492	747		0.852		503		
10	29.293	9.764		7.~~827~~		3.310	1.103		7.638	
	10.810		346			1.561		307		
	10.464		347			1.254		306		
	10.117		693	440		0.948		613		
11	31.391	10.464		8.~~520~~		3.763	1.254		8.251	
	11.964		528			3.850		673		
	11.441		527			3.177		676		
	10.914		1055	495		2.501		1349		
12	34.324	11.441		9.~~575~~		9.528	3.176		9.600	
	4.389		560			10.329		566		
	3.829		560			9.763		564		
	3.269		1120	15		9.199		1130		
13	11.487	3.829		10.~~695~~		29.291	9.764		10.730	
	9.556		417			1.209		403		
	9.139		417			0.806		404		
	8.722		834	449		0.402		807		
14	27.417	9.139		11.~~529~~		2.417	0.806		11.537	
			69.176					21.262		

F.B. 2422 P.G. 217

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather BREEZE LIGHT FOG Inst. No Nr. 142552
Notes by G.E.DREIER Time 1:40 TO 2:15 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-15 To BM 53-13
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.065	9.176	408	11.529 +11		0.978	1.262	293	11.537	
	9.651		407			0.685		292		
	9.250		815	26 4		0.393		585		
15	28.972	9.657		12 344		2.056	0.685		12 122	
	11.928		435			1.245		457		
	11.493		435			0.788		457		
	11.058		870	13 4		0.331		914		
16	34.479	11.493		13 2 44		2.364	0.788		13 036	
	11 036		340			1.111		402		+ 109.854
	10.696		341			0.709		461		- 23.974
	10.355		681	15		0 308		803		+ 85.880
17	32.087	10.696		13 845		2.128	0.709		13 839	
	9.082		250			0 831		301		B.M. 53-13
	8.832		250			0.530		301		FT. S. OF ¼ COR. N. SIDE SEC. 24
	8.582		500	15		0.229		602		SEE F.B. 2422 - 123 FOR DESC.
18	26.496	8.832		14 345		1.590	0.530		14441	
		109.854					23.974			

F.B. 2422 P.G. 218

SUMMATION OF RUN FROM BM 53-15 to BM 53-13
DIFFERENT IN ELEV. BM 53-15 to T.B.M. + 9.070
T.B.M to BM 53-13 + 85.880
BM 53-15 to BM 53-13 + 94.950

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NR142552
Notes by J. MOODY Time 10:00 to 11:15 Rod No. 15 & 16

Name FRICK RANCH REG. [illegible]
Job No. 0055.22
From BM 53-15 To BM 53-16
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1595		343		#15	11.822		289		BM 53-15
	1252		342			11.533		290		1200 ± FT. W. of CENTER SEC. (29)
	0910		685			11.243		579		S. OF ROUND RES.
1	3.757	1.252		685	60°	30.598	11.533		579	SEE F.B. 2422-125 FOR DESC.
	1303		167			8236		159		
	1136		168			8077		159		T DREIER
	0968		335			7918		318		
2	3.407	1.136		1.020		24.231	8.077		897	
	1522		318			10.829		327		
	1204		317			10.502		328		
	0887		635			10.174		655		
3	3.613	1.204		1.655		31.505	10.502		1.552	
	1960		339			9456		363		
	1621		340			9093		361		
	1281		679			8732		724		
4	4.862	1.621		2334		27.281	9.094		2276	
	1597		150			10.389		146		
	1447		151			10.243		146		
	1296		301			10097		292		
5	4.340	1.447		2.635		30.729	10.243		2.568	
		6.660					49.449			

F.B. 2422 P.G. 219

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK 142552
Notes by J. MOORE Time 10:00 to 11:15 Rod No. 15916

Name FRICK RANCH REG. PARK
Job No. 00552.22
From BM 53-15 To BM 53-16
Date 2-18-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1389	6.660	141	2635		10510		152	2568	
	1248		141			10.358		152		
	1107		282			10.206		304		
6	3.744	1.248		2917		31.074	10.358		2872	
	0592		171			10.637		134		
	0421		172			10.503		135		
	0249		343			10.368		269		
7	1.262	0.421		3260		31.508	10.503		3141	
	0753		128			11.681		157		
	0625		128			11.523		157		
	0497		256			11.366		314		
8	1.875	0.625		3516		34570	11.523		3455	
	1693		357			11.699		331		
	1186		358			11.368		331		
	0828		715			11.037		662		
9	3.557	1.186		4231		34104	11.368		4117	
	1222		357			9297		349		
	0865		357			5948		350		
	0508		714			8598		699		
10	2.595	0.865		4945		26843	8.948		4816	
		11.005					10C.149			

F.B. 2422 P.B. 220

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NR 19255
Notes by J. MOODY Time 10:00 to 11:15 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00552-23
From B.M. 53-15 To B.M. 53-16
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4042	11.005	554	4945		11.627	102.149	558	4816	
	3488		556			11.069		558		
	2932		554			10611		560		
11	10.962	3.487		6055		33207	11.069		5932	
	5.602		469			7769		451		+19.625
	5.133		470			7318		449		-120.537
	4.663		469			6869		451		-100.912
12	15398	5.133		6994		21956	7.319		6832	
		19.625					120.537		6994	
									13.826	
									=0.26mi	B.M. 53-16A
										PK. SPK. IN S.E. COL. OF HEAD WALL.
										SEE F.B. 2422-126 FOR DESC.
	3927		359			2519		340		
	3568		359			2179		341		
	3209		359			1838		681		
13	10.704	3.568		7712		6536	2.179		7513	
	9513		262			1923		245		
	9251		261			1178		246		
	8990		523			0932		491		
14	27754	9.251		8235		3533	1.178		8004	
		12.819					3.357			

F.B. 2422 P.G. 221

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NC 192552 Name FRICK RANCH RES. PARK
Notes by J. MOODY Time 10.00 to 11.15 Rod No. 15 & 16 Job No. 0055.22
From BM 53-15 To BM 53-16
Date 2-18-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9488	12.819	208	8235		1339	3.337	186	8004	
	9280		208			1153		185		
	9072		416			0968		371		
15	27.840	9.280		8651		3.460	1.153		8375	
	11.138		156			1182		144		
	10982		155			1038		143		
	10827		311			0895		287		
16	32947	10.982		8962		3.115	1.038		8662	
	10534		181			1360		224		
	10353		182			1130		235		
	10171		363			0895		069		
17	31058	10.353		9325		3.389	1.130		9131	
	9241		339			2198		375		
	8902		340			1823		373		
	8562		679			1450		708		
18	26705	8.902		10504		5471	1.824		9879	
	9750		210			1748		222		
	9500		210			1526		224		
	9330		420			1302		446		
19	28620	9.540		10424		4576	1.525		10325	
		61.876					10.027			

F.B. 2422 P.G. 222

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No NT142552
Notes by J. MOOD Time 10:00 to 11:15 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.32
From BM 53-15 To BM 53-16
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10666	61.876	195	10.424		0787	10.037	212	10.325	
	10.471		196			0573		212		
	10.275		391			0361		426		
20	31412	10.471		10815		1.721	0.574		10751	
	10.603		153			0997		169		
	10450		153			6828		168		
	10.297		306			0660		337		
21	31350	10.450		11121		2485	0.828		11088	
	10.205		205			1569		230		
	10.600		207			1339		229		
	9793		412			1110		459		
22	29998	9.999		11533		4018	1.339		11547	
	9967		226			0636		213		
	9731		228			0423		210		
	9503		454			0213		423		
23	29191	9.730		11987		1.272	0.424		11970	
	11.562		159			1288		150		
	10903		157			1138		149		
	10.746		316			0989		299		
24	32711	10.904		12303		3415	1.138		12269	
	113430					14330				

F.B. 2427 P.G. 223

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by J. MOODY Time 10:00 to 11:15 Rod No. 15 #16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-15 To BM 53-16
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7925	113.430	078	12.303		3035	14.335	095	12.269	+121.277
	7847		079			2940		094		−17.270
	7768		157			2846		189		+104.007
25	23540	7847		12460		8821	2940		12458	
		121.277					17.270		12.460	BM 53-16
									24.918	±219 FT. W. OF CENTER SEC. 29,
									=0.47 MI.	SEE F.B. 2422-126 FOR DESC.
										SUMMATION OF RUN FROM 53-15 to BM 53-16
										DIFFERENT IN ELEV BM 53-15 to BM 53-16A −100.912
										" " " BM 53-16A to BM 53-16 +104.007
										" " " BM 53-15 to BM 53-16 + 3.095

F.B. 2422 P.G. 224

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE / Inst. No NK-19255
Notes by J. Moody Time 11:20 to 1:35 Rod No. 15 #16

Name BRICK RANCH REG. PARK
Job No. 005522
From BM 53-16 To BM 53-15
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3253		090		#15	8153		083		BM 53-16
	3165		091			8070		085		±219 FT. W. OF CENTER OF SEC. 29
	3072		181			7985		168		SEE F.B. 2422-126 FOR DESC.
1	9.488	3.163		.181	58°	29.208	8.069		.168	
	1688		149			11465		163		
	1539		149			11302		164		T. DREIER
	1390		298			11138		327		
2	4.617	1.539		.479		33905	11.302		.495	
	0641		206			9972		230		
	0435		206			9742		231		
	0229		402			9511		461		
3	1.305	0.435		.881		29225	9.742		.956	
	1772		221			10427		217		
	1551		221			10210		218		
	1330		442			9992		435		
4	4.653	1.551		1.325		30629	10.210		1.391	
	1115		164			10729		156		
	0951		164			10573		154		
	0787		328			10419		310		
5	2.853	0.951		1.651		31721	10.574		1.701	
	7.639					49.897				

F.B. 2422 P.G. 225

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No NE142552
Notes by J. MOODY Time 11.15 to 1.30 Rod No. 15 & 16

Name ERICK RANCH REG. PARK
Job No. 00522
From BM 53-16 To BM 53-15
Date 2-18-58 O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0847	7.639	205	1651		10.740	49.897	202	1.701	
	0642		205			10538		202		
	0437		410			10.336		404		
6	1.926	0.642		2061		31.614	10.538		2105	
	1968		207			10001		224		
	1761		208			9777		225		
	1553		415			9552		409		
7	5.282	1.761		2476		29330	9.777		2554	
	2286		363			9350		351		
	1923		362			8999		349		
	1561		725			8650		700		
8	5.770	1.923		3201		26999	9000		3254	
	1833		212			11051		204		
	1621		212			10847		204		
	1409		424			10643		408		
9	0863	1.621		3625		32541	10.847		3662	
	0739		136			10698		151		
	0603		134			10547		151		
	0469		270			10396		302		
10	1.811	0.604		3895		31641	10.547		3964	
		14.190					100.606			

F.B. 2422 P.G. 226

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. OREIER Weather HAZE Inst. No NK 192552
Notes by J. Moody Time 11:15 to 1:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 6.0.55.22
From BM 53-16 To BM 53-16
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1666	14.190	194	3.895		9710	100.606	211	3.962	
	1372		194			9499		210		
	1178		388			9289		421		
11	9.116	1.372		0.283		28.498	9.499		0.385	
	1601		254			9673		254		
	1347		255			9419		255		
	1092		509			9164		509		
12	0.040	1.347		0.792		28.286	9.419		0.894	
	2396		364			3759		336		+13.941
	2032		363			3423		336		-122.947
	1669		727			3087		672		-104.006
13	6.097	2.032		5.519		10.269	3.423		5.560	
		18.941					122.947		5.519	
									11.485	
									0	
									0.21 mi.	
										B.M. 53-16A
										P.K. SDK, S.E. END OF
										HEADWALL
										SEE F.B. 2422-126 FOR DESC
	7732		435			6589		479		
	7297		438			5110		479		
	6859		873			4631		958		
14	21.888	7.296		6.392		15.330	5.110		6.524	

F.B. 2422 P.G. 227

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No. NV 192552
Notes by J. MOODY Time 11:15 to 1:35 Rod No. 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From BM 53-16 To BM 53-15
Date 2-18-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10773	7.296	565	6392		3178	5.110	549	6.524	
	10.208		564			2629		550		
	9644		1129			2079		1099		
15	30625	10.208		7.521		7.886	2.629		7.623	
	9395		365			1288		340		
	9030		365			0948		339		
	8665		730			0609		679		
16	27090	9.030		8251		2845	0.948		8302	
	11.777		336			1614		353		
	11.441		334			1261		354		
	11107		670			0907		707		
17	34325	11.442		8921		3782	1.261		9.009	
	11423		150			0507		135		
	11.273		151			0.372		135		
	11122		301			0237		270		
18	33818	11.273		9222		1.116	0.372		9279	
	10736		136			0687		170		
	10.600		136			0517		169		
	10.464		272			0308		339		
19	31800	10.600		9.494		1.552	0.517		9.618	
		59.849					10.837			

F.B. 2422 P.G. 228

76P526 S & E #379 1-54

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Chief of Party C.E. DREIER Weather OVERCAST Inst. No. NR 142552
Notes by J. MOODY Time 11:15 to 1:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 53-16 To BM 53-15
Date 2-18-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.529	59.849	169	9.494		1.403	10.837	153	9.618	
	10.360		168			1.250		153		
	10.192		337			1097		306		
20	31.081	10.360		9.831		3750	1.250		9.924	
	10.288		150			1496		153		
	10.138		149			1343		153		
	9989		299			1190		306		
21	30415	10.138		10.130		4029	1343		10.230	
	9548		370			2033		330		
	9178		370			1703		331		
	8808		740			1372		661		
22	27534	9.178		10.870		5108	1.703		10.891	
	10677		325			1382		328		
	10352		321			1054		328		
	10031		646			0728		653		
23	31060	10.352		11.511		3163	1054		11.544	
	5050		170			1091		172		
	7860		170			0919		172		
	7690		340			0747		344		
24	23580	7860		11.851		2757	0.919		11.888	
	107727					17106				

F.B. 2422 P.G. 229

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NR 192552
Notes by J. MOODY Time 11:15 to 11:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-16 To BM 53-15
Date 2-18-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.989	107.737	318	11.857		1697	17.106	305	11.888	+119.408
	11671		317			1392		307		-18.497
	11.354		635			1085		612		+100.911
25	35014	11.671		12486		4174	1.391		12500	
		119.408					18.497			BM. 53-15 ± 1200 FT. W. OF CENTER OF SEC 29, S. OF ROUND RES. SEE F.B. 2422-125 FOR DESC.
										SUMMATION OF RUN FROM BM 53-16 to BM 53-15
										DIFFERENT IN ELEV. BM 53-16 to BM 53-16 A -104.806
										" " " BM 53-16 A to BM 53-15 +100.911
										" " " BM 53-16 to BM 53-15 - 3.095

F.B. 2422 P.G. 230

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No Nr.142552
Notes by G.E.DREIER Time 8:30 TO 10:10 Rod No 15 & 16

Name FRICK RANCH REC. PARK
Job No 0301.02
From B.M. 53-16 To B.M. 53-17
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.108	17.356	215	5,580		10.444	98.106	211	5.735	
	0.893		215			10.233		211		
	0.678		430			10.022		422		
11	2.679	0.893		6.010		30.699	10.233		6.157	
	0.844		232			11.245		211		
	0.612		232			11.034		212		
	0.380		464			10.822		423		
12	1.836	0.612		6.474		33.101	11.034		6.580	
	0.779		172			10.487		169		
	0.607		172			10.318		169		
	0.435		344			10.149		338		
13	1.821	0.607		6.818		30.954	10.318		6.918	
	1.057		297			7.535		300		
	0.760		297			7.235		300		
	0.463		594			6.935		600		
14	2.280	0.760		7.412		21.705	7.235		7.518	
	3.900		522			10.775		475		
	3.378		523			10.300		472		
	2.855		1.045			9.828		947		
15	10.133	3.378		8.457		30.903	10.301		8.465	
	23.606					147.227				

F.B. 2422 P.G. 233

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G.E. DREIER Time 8:30 TO 10:10 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-16 To B.M. 53-17
Date 3-20-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.416	23.606	160	8,457		10,730	147.227	159	8,465	
	2.256		160			10.571		160		
	2.096		320			10.411		319		
16	6,768	2.256		8.777		31.712	10.570		8,784	
	0.658		116			10.085		107		
	0.542		117			9,978		106		
	0.425		233			9,872		213		
17	1.625	0.542		9.010		29.935	9.978		8,997	
	0.621		116			9.679		107		
	0.505		113			9.572		109		
	0.392		229			9,463		216		
18	1.518	0.506		9,239		28.714	9.571		9,213	
	1.278		295			9.530		388		
	0.983		295			9,142		387		
	0.688		590			8.755		775		
19	2.949	0.983		9,829		27.427	9,142		9,988	
	4.398		677			3.850		567		
	3.721		673			3.283		565		
	3.048		1350			2.718		1172		
20	11.167	3.722		11.179		9.851	3.284		11.140	
		31.615					189.772			

F.B. 2422 P.G. 234

76P526 S & E #379 1-54

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Chief of Party G.E DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G.E.DREIER Time 8:30 TO 10:10 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-16 To B.M. 53-17
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.970	31.615	263	11.179		1.002	189.772	255	11.140	
	6.707		262			0.747		255		
	6.445		525			0.492		510		
21	20.122	6.707		11.704		2.241	0.747		11.650	
	10.713		170			0.959		174		
	10.543		169			0.785		177		
	10.374		339			0.608		351		
22	31.630	10.543		12.043		2.352	0.784		12.081	
	9.567		196			1.162		200		
	9.371		198			0.962		200		
	9.173		394			0.762		400		
23	28.111	9.370		12.437		2.886	0.962		12.481	
	9.922		135			0.465		134		
	9.787		134			0.331		134		
	9.653		269			0.197		268		
24	29.362	9.787		12.706		0.993	0.331		12.689	
	10.563		147			1.297		157		
	10.416		148			1.140		156		
	10.268		295			0.984		313	13.002	
25	31.247	10.416		13001		3.421	1.140		~~12.982~~	
	78.438					193.736				

F.B. 2122 P.G. 235

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G.E. DREIER Time 8:30 TO 10:10 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-16 To B.M. 53-17
Date 2-20-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.549	78.438	164	13.001		0.728	193.736	165	13.002 ~~12.982~~	
	9.385		163			0.563		166		
	9.222		327			0.397		331		
26	28.156	9.385		13.328		1.688	0.563		13.3~~1~~3	
	11.170		197			2.309		194		
	10.973		198			2.115		195		
	10.775		395			1.920		389		
27	32.918	10.973		13.723		6.344	2.115		13.7~~0~~2	
	8.078		128			2.565		117		
	7.950		128			2.448		116		B.M. 53-17
	7.822		256			2.332		233		PVT. DR. AT CITY L.A., W. & P.
28	23.850	7.950		13.979		7.345	2.448		13.9~~3~~5	TRANSMISSION LINE
									13.979 27.9~~3~~4 =0.53 mi.	SEE F.B. 2422-127 FOR DESC.
										SUMMATION OF RUN B.M. 53-16 TO B.M. 53-17
										TOTAL BACKSIGHTS +106.746
										TOTAL FORESIGHTS -198.862
										DIFF IN ELEVATION -92.116
		106.746					198.862			

F.B. 2422 P.G. 236

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No N-142552
Notes by T. OHASHI Time 10:30 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-17 To B.M. 53-16
Date 2-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	2565 2448 2332 7.345	2.448	117 116 233 233		#5 64°	8078 7950 7822 23.850	7.950	128 128 256 256		B.M. 53-17 PUT. BR. AT CITY L.A. DEPT W. & P. TRANSMISSION LINE. SEE F.B. 2422-127 FOR DESC
2	2267 2069 1872 6.208	2.069	198 197 395 628			11120 10927 10734 32.781	10.927	193 193 386 642		T. J. MOODY
3	0672 0506 0341 1.520	0.507	166 165 331 958			9494 9328 9165 27.987	9.329	166 163 329 971		
4	1289 1136 0984 3.409	1.136	153 152 305 1263			10563 10412 10261 31.236	10.412	151 151 302 1273		
5	0465 0333 0200 0.998	0.333	132 133 265 1528			9925 9788 9652 29.365	9.788	137 136 273 1546		
	6.493					48.406				

F.B. 2422 P.G. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10.30 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From BM 53-16 To BM 53-17
Date 2-20-58
Indexed C. Johnson

F.B. 2422 P.G. 238

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1210	6.493	202	15 28		9611	48.406	196	15 42	
	1008		202			9415		195		
	0806		404			9220		291		
6.	3.024	1.008		1932		28.246	9.415		1837	
	0945		177			10697		170		
	0768		173			10527		170		
	0595		350			10357		340		
7.	2.308	0.769		2282		31.581	10.527		2177	
	1035		256			6999		261		
	0779		257			6738		260		
	0522		513			6478		521		
8.	2.336	0.779		2795		20.215	6.738		2698	
	3750		578			9273		661		
	3172		577			8612		663		
	2595		1155			7949		1324		
9.	9.517	3.172		3955		30834	10.278		4022	
	9321		382			1082		300		
	8939		381			0782		300		
	8558		763			0482		600		
10.	26.818	8.939		6713		2.346	0.782		4622	
		21.160					19.479			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 62552
Notes by T. OHASHI Time 10:30 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-17 To BM 53-16
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9893	21.160	110	4.713		0833	79.479	116	4622	
	9783		110			0717		114		
	9673		220			0603		230		
11	29.349	9.783		4933		2.153	0.718		4852	
	10285		108			0855		115		
	10177		109			0740		114		
	10068		217			0626		229		
12.	30.530	10.177		5150		2.221	0.740		5081	
	10662		160			2347		160		
	10502		160			2187		160		
	10342		320			2027		320		
13.	31.506	10.502		5476		6.461	2.187		5401	
	10921		495			4003		500		
	10426		494			3503		500		
	9932		989			3003		1000		
14.	31.279	10.426		6459		10.509	3.503		6401	
	7334		297			0962		300		
	7137		298			0662		300		
	6839		595			0362		600		
15.	21.410	7.137		7052		1.986	0.662		7001	
		69.185					87.289			

F.B. 2422 P.G. 239

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 1030 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG PARK
Job No. 0055.22
From BM 53-17 To BM 53-16
Date 2-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10532	69.185	173	7054		0818	87.289	170	7001	
	10359		171			0648		169		
	10188		344			0479		339		
16.	31.079	10.360		7398		1945	0648		7340	
	11365		217			0951		226		
	11148		218			0725		224		
	10930		435			0501		450		
17.	33.443	11.148		7.833		2.177	0.726		7790	
	10326		210			0992		216		
	10116		211			0776		216		
	9905		421			0560		432		
18	30.347	10.116		8254		2328	0776		8222	
	9843		195			1091		201		
	9648		195			0890		200		
	9453		390			0690		401		
19	28944	9.648		8644		2.671	0890		8623	
	9633		161			0843		168		
	9472		160			0675		168		
	9312		321			0507		336		
20	28417	9472		8965		2.025	0.675		8959	
		119.929					91.004			

F.B. 2422 P.G. 240

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:30 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.24
From BM 53-17 To BM 53-16
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9867	119.929	135	8965		0873	91.004	140	8959	
	9732		135			0733		140		
	9617		270			0593		280		
21.	29.246	9.752		9.235		2.199	0.733		9.239	
	9898		121			0758		131		
	9777		122			0627		132		
	9655		243			0495		263		
22.	29.330	9.777		9.478		1.886	0.627		9.502	
	10668		131			0774		142		
	10477		130			0632		143		
	10347		261			0489		285		
23.	31.432	10.477		9.739		1.895	0.632		9.787	
	10703		214			1552		207		
	10522		216			1345		208		
	10312		430			1137		415		
24.	31.583	10.528		10.170		4.034	1.345		10.202	
	11861		342			2423		335		
	11519		341			2089		333		
	11178		683			1756		669		
25.	34.558	11.519		10.853		6.268	2.089		10.871	
	171.982					96.430				

F.B. 2422 P.G. 241

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:30 TO 11:45 Rod No. 15 E 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-17 To B.M. 53-16
Date 2-20-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10078	171.982	496	10853		1988	96.430	431	10771	
	9582		494			1507		482		
	9088		990			1025		963		
26	28.748	9.583		11843		4.520	1.507		11534	
	9731		417			1608		387		
	9314		417			1261		387		
	8897		834			0874		774		
27	27.942	9.314		12677		3.783	1.261		12608	
	9730		621			9301		634		BM. 53-16
	9109		624			8667		634		219± FT. W. CENTER SEC. 29 T.1N. R.8W.
	8485		1245			8033		1268		SEE F.B. 2422-126 FOR DESC.
28	27.324	9.108		13922		26.001	8.667		13875	
F.B. 2422 P.G. 242										SUMMATION OF RUN B.M. 53-17 TO B.M. 53-16
										TOTAL BACKSIGHTS + 199.957
										TOTAL BACKSIGHTS - 107.865
										DIFF IN ELEVATION + 92.122
		199.957					107.865			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 19252
Notes by J. MOODY Time 1:10 to 2:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From BM 53-17 To BM 53-18
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1989		560		#15	6339		566		BM 53-17
	1029		560			5773		565		PUT. DR. AT CITY L.A. DEPT.
	0869		1120			5208		1131		W & P TRANSMISSION LINE
1	4.287	1.429		1.120	60°	17.320	5.773		1.131	SEE F.B. 2422-127 for DESC.
	5368		626			6049		627		
	4742		623			5822		623		T CERICOLA
	4119		1249			5199		1250		
2	14.229	4.743		2.369		17.070	5.823		2.381	
	1698		494			11.263		494		
	1201		493			10.769		497		
	0708		987			10.272		991		
3	3.604	1.201		3.356		32.304	10.768		3.372	
	0776		193			8751		193		
	0582		190			8558		195		
	0392		383			8363		388		
4	1.749	0.583		3.739		25.672	8.557		3.760	
	1903		620			8197		626		
	1283		616			7571		623		
	0667		1236			6948		1249		
5	3.853	1.284		4.975		22.716	7.572		5.009	
	9.290					38.493				

F.B. 2422 P.G. 243

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NC 192552
Notes by J. MOODY Time 1:10 to 2:20 Rod No. 15#16

Name FRICK RANCH REG. PROJ.
Job No. 0055.22
From BM 53-17 To BM 52-18
Date 2-20-58
Indexed C. JOHNSON

F.B. 422 P.G. 244

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.143	9.240	238	4975		10.779	38493	231	5009	
	0905		237			10.648		235		
	0668		4751			10313		4661		
6	2.716	0.905		5950		31.640	10547		5075	
	0953		215			9861		212		
	0738		216			9649		210		
	0522		4311			9439		4227		
7	2213	0.738		5881		28949	9.650		5897	
	0905		197			9678		196		
	0708		198			9482		193		
	0510		3951			9289		3891		
8	2.123	0.708		6276		28.449	9483		6286	
	0728		217			9041		210		
	0511		217			8831		210		
	0294		4341			8621		4201		
9	1.633	0.511		6710		26.493	8.831		6706	
	3794		294			10.330		300		
	3500		294			10.030		301		
	3206		5881			9.729		6011		
10	10500	3.500		12298		30.089	10.030		7307	
	15.602					87.034				

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No. NK142552
Notes by J.MOODY Time 1:10 to 2:20 Rod No. 15816

Name FRICK RANCH REG. PARK
Job No. 0.055.22
From BM 53-17 To BM 53-18
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1157	15.602	203	7.298		11.159	87.034	201	7.307	
	0954		201			10.958		202		
	0753		404			10.756		403		
11	2.864	0.955		7.702		32873	10.958		7.710	
	1206		152			10.952		178		
	1054		152			10.774		179		
	0902		304			10.595		357		
12	3162	1.054		8.066		32321	10.774		8.067	
	0610		152			9936		150		
	0458		155			9786		150		
	0303		307			9636		300		
13	1.371	0.457		8.313		29359	9.786		8.367	
	0662		137			10.041		138		
	0525		137			9903		136		
	0388		274			9767		274		
	1.575	0.525		8.587		29711	9.904		8.641	
	0785		236			8893		240		
	0549		237			8653		240		
	0312		473			8413		480		
15	1.646	0.549		9.060		25959	8.653		9.121	
	19.142					137.109				

F.B. 2422 P.G. 245

76P526 S & E #379 1-54

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Chief of Party G. FORCIER Weather CLEAR Inst. No. NK-142552
Notes by J. MOODY Time 1:10 to 2:20 Rod No. 15 #16

Name FRICK RANCH LOS. PARK
Job No. 005522
From BM 53-17 To BM 53-18
Date 2-20-58
Indexed C. Johnson

F.B. 7422 P.G. 246

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1143	19.142	386	9060 ✓		10.123	137.109 ✓	414	9.121 ✓	
	0757		389			9709		416		
	0368		775 ✓			9293		830 ✓		
16	2268 ✓	0.756		9835 ✓		29125 ✓	9.708		9951 ✓	
	0998		228			9772		223		
	0770		228			9499		223		
	0502		456 ✓			9276		446 ✓		
17	2310	0.770		10291 ✓		28497	9.499		10397 ✓	
	2091		506			11148		506		
	1585		506			10602		502		
	1079		1012 ✓			10060		1088 ✓		
18	4755	1.585		11303 ✓		31810	10603		11485 ✓	
	1180		302			8869		299		
	0878		303			8570		299		
	0575		605 ✓			8271		598 ✓		
19	2633	0.878		11908 ✓		25710	8.570		12083 ✓	
	1250		428			11619		336		
	0822		424			11283		333		
	0398		852 ✓			10950		669 ✓		
20	2470	0.823		12760 ✓		33852	11.284		12752 ✓	
		23.954 ✓					186.773 ✓			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 1:10 to 2:20 Rod No. 15916

Name FRICK RANCH REG. PARK
Job No. 0055 22
From BM 53-17 To BM 53-18
Date 2-20-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4567	23.954	256	12.760		0739	186.773	185	12.752	
	4312		252			0554		184		
	4060		607			0370		369		
21	12939	4.313	13267			1663	0554	13121		
								13267		BM 53-18
								-26388		WEBB CANYON RD. 0.6 MI. N. OF
								=0.50 mi		BASELINE RD.
										SEE F.B. 2422 - 128 FOR DESC
										SUMMATION OF RUN
										B.M. 53-17 TO B.M. 53-18
										TOTAL BACKSIGHTS + 28.267
										TOTAL FORESIGHTS - 187.327
										DIFF IN ELEVATION - 159.060
										F.B. 2422 P.G. 247
				28.267					187.327	

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Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr142552
Notes by G.E. DREIER Time 10:00 TO Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 53-18 To B.M. 53-17
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.638		199		#15	4.437		139		B.M. 53-18
	0.439		198			4.198		139		WEBB CANYON RD. 0.6 MI. N. OF
	0.241		397 ✓			3.959		278 ✓		BASELINE RD.
1	1.318 ✓	0.439		398 ✓	70°	12.594 ✓	4.198		278 ✓	SEE F.B. 2422-128 FOR DESC.
	11.912		370			1.476		393		
	11.542		367			1.083		391		
	11.175		737 ✓			0.692		784 ✓		M. CERICOLA
2	34.629	11.543		1.135 ✓		3.251	1.084		1.062 ✓	
	8.843		301			1.153		302		
	8.542		306			0.851		301		
	8.242		601 ✓			0.550		603 ✓		
3	25.627	8.542		1.736 ✓		2.554	0.851		1.665 ✓	
	10.950		510			1.959		538		
	10.440		511			1.421		538		
	9.929		1.021 ✓			0.883		1.076 ✓		
4	31.319	10.440		2.757 ✓		4.263	1.421		2.741 ✓	
	9.690		222			0.967		229		
	9.468		226			0.738		229		
	9.242		448 ✓			0.509		458 ✓		
5	28.400	9.467		3.205 ✓		2.214	0.738		3.199 ✓	
F.B. 2422 P.G. 248		40.431 ✓					8.292 ✓			

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Chief of Party G.E.DREIER Weather CLEAR Inst. No Nr.142552
Notes by G.E.DREIER Time 10:00 T.O. Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M.53-18 To B.M.53-17
Date 2-21-58 E.O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.929	40.431	402	3.205		0.976	8.292	401	3.199	
	9.527		405			0.575		406		
	9.122		807			0.175		801		
6	28.578	9.526		4.012		1.726	0.575		4.000	
	9.078		240			0.969		237		
	8.838		241			0.732		239		
	8.597		481			0.493		476		
7	26.513	8.838		4.493		2.194	0.731		4.476	
	10.397		145			1.005		131		
	10.252		144			0.874		131		
	10.108		289			0.743		262		
8	30.757	10.252		4.882		2.622	0.874		4.738	
	10.036		148			0.713		155		
	9.888		149			0.558		155		
	9.739		297			0.403		310		
9	29.663	9.888		5.179		1.674	0.558		5.048	
	11.583		201			1.792		130		
	11.382		201			1.662		129		
	11.181		402			1.533		259		
10	34.146	11.382		5.281		4.987	1.662		5.307	
	90.317					12.692				

F.B. 2422 P.G. 249

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLEAR Inst. No W142552
Notes by G.E.DREIER Time 10:00 TO Rod No 15 & 16

Name FRICK RANCH REG PARK
Job No. 005522
From BM 53-18 To BM 53-17
Date 2-21-58
Indexed C. Johnson

F.B. 2422 P.G. 250

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.637	10.440 ✓	196	5.581		0.637	0.438 ✓	199	5.307 ✓	
	10.441		198			0.438		198		
	10.243 ✓		394 ✓			0.240		397 ✓		
11	31.321 ✓			5.775		1.315 ✓			5.704	
	9.693		252			3.256		344		
	9.441		253			2.912		343		
	9.188		.505 ✓			2.569		687 ✓		
12	28.322	9.441		6.780		8.737	2.912		6.391 ✓	
	9.121		211			0.862		214		
	8.910		211			0.589		215		
	8.699		422 ✓			0.374		429 ✓		
13	26.730	8.910		6.802		1.766	0.589		6.820 ✓	
	9.780		194			1.007		196		
	9.586		195			0.811		198		
	9.391		389 ✓			0.613		394 ✓		
14	28.757	9.586		7.291		2.431	0.810		7.214 ✓	
	9.853		211			0.944		214		
	9.642		212			0.730		213		
	9.430		423 ✓			2.517		427 ✓		
15	28.925	9.642		7.814		2.191	0.730		7.641 ✓	
	138.336 ✓					18.171 ✓				

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by G. E. DREIER Time 10:00 TO Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00555.22
From BM 53-18 To B.M. 53-17
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.757	138.336 ✓	235	7.714		1,117	18,171 ✓	236	7.641 ✓	
	10.522		235			0,881		235		
	10.287		470 ✓			0,646		471 ✓		
16	31,566	10.522		8,484		2.644 ✓	0.881		8,112 ✓	
	8327		609			2.067		638		
	7,718		609			1,429		636		
	7,109		1.218 ✓			0,793		1.274 ✓		
17	23,154	7,718		9,462		4.289	1,430		9,386 ✓	
	8,778		191			0.806		194		
	8.587		194			0,612		193		
	8.393		.385 ✓			0.419		387 ✓		
18	25.758	8,586		9,487		1.837	0,612		9,773 ✓	
	11.540		492			1.973		492		
	11,048		496			1.481		493		
	10.552		988 ✓			0,988		985 ✓		
19	33,140	11,047		10,475		4,442	1,481		10,758 ✓	
	6,690		627			5,603		622		
	6,063		623			4,981		624		
	5,440		1.250 ✓	11925		4,357		1246 ✓		
20	18,193	6,064		12,025		14,941	4,980		12,004 ✓	
	182.273 ✓					27.555 ✓				

F.B. 2422 P.G. 251

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER   Weather CLEAR   Inst. No. Nr142552
Notes by G.E. DREIER   Time 10:00 TO   Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-18 To B.M. 53-17
Date 2-21-58
Indexed C. Johnson

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	Backsight Sum of Intervals	B. S. Rod and Temp.	Foresight Thread Readings	Foresight Mean	Foresight Thread Intervals	Foresight Sum of Intervals	Description and Remarks
	6.507	182.273	555	~~12.025~~ 11.925		2.181	27.555	569	12.004	
	5.952		551			1.612		570		B.M. 53-17
	5.401		1.106			1.042		1139		PRIVATE RD (CONT. OF WEBB CN
21	17.860	5953		13.031		4.835	1.612		13.143	RD.) AT CITY L.A. DEPT. W. & P.
										TRANSMISSION LINE.
										SEE F.B. 2422-127 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-18 TO B.M. 53-17
										TOTAL BACKSIGHTS +188.226
										TOTAL FORESIGHTS -29.167
										DIFF IN ELEVATION +159.059
		188.226					29.167			

F.B. 2422 P.G. 252

78P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. EOREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 2:20 to 3:00 Rod No. 15 & 16

Name FRISK RANCH REG. PARK
Job No. 0055.22
From BM 53-18 To BM 53-19
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0593		182		#15	4425		256		BM 53-18
	0411		183			4169		256		
	0228		365			3913		512		
1	1.232	0411		365	66°	12507	4.169		512	
	1003		400			9643		352		
	0603		398			9291		352		T OHASHI
	0205		798			8939		704		
2	1.813	0.600		1163		27873	7.291		1216	
	1948		409			9091		402		
	1539		409			8689		805		
	1130		818			8284		807		
3	0.617	1.539		1981		26064	8.688		2023	
	2367		644			9832		612		
	1723		600			9220		611		
	1083		1284			8609		1223		
4	5.173	1.724		3265		27661	9.220		3246	
	9160		633			3931		623		
	8527		631			3308		626		
	7896		1264			2682		1249		
5	25.583	8.528		4529		9.921	3.307		4495	
		12.806					34.675			

F.B. 2422 P.G. 253

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No NK 142552
Notes by J. MOODY Time 1:20 to 3:00 Rod No 15916

Name TRICK RANCH W. REG. PARK
Job No 005522
From BM 53-18 To BM 53-19
Date 2-20-58
Indexed C. Johnson

F.B. 2422 P.G. 254

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.002	12.806	500	4.529		10.609	34.675	497	4.495	
	1.502		501			10.112		493		
	1.003		1001			9.619		990		
6	4.511	1.502		5.630		30.340	10.113		5.485	
	1.539		421			10.586		406		
	1.118		420			10.180		407		
	0.698		841			9.773		813		
7	3.355	1.118		6.371		30.539	10.180		6.298	
	4.109		631			8.379		629		
	3.478		632			7.750		627		
	2.846		1263			7.123		1256		
8	10.433	3.478		7.634		23.252	7.751		7.554	
	1.705		502			9.619		499		
	1.201		501			9.120		506		
	0.700		1003			8.620		999		
9	3.604	1.201		8.637		27.359	9.120		8.553	
	2.150		347			11.008		349		
	1.803		348			10.659		350		
	1.455		695			10.309		699		
10	5.408	1.803		9.332		31.976	10.659		9.252	
		21.910					82.498			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 2:20 to 3:05 Rod No. 15 & 16

Name ~~FRICK RANCH REG. PARK~~
Job No. 00.55.22
From BM 53-18 To BM 53-19
Date 2-20-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.382	2.210	172	9.332		8.133	7.955	178	9.252	
	2.210		172			7.956		177		
	2.039		344			7.778		355		
11	6.630			9.676		23.866			9.607	
	6661		081			0703		095		
	6580		081			0608		096		
	6499		162			0512		191		
12	19.740	6.580		9.838		1.823	0.608		9.798	
									9.838	BM 53-19 LINE RD
									19.636	WEBB CN. RD. M1. N. OF BASE
									0.798	SEE F.B. 2422-129 FOR DESC.
									.37	
										SUMMATION OF RUN
										B.M. 53-18 TO B.M. 53-19
										TOTAL BACKSIGHTS + 30.700
										TOTAL FORESIGHTS - 91.061
										DIFF IN ELEVATION - 60.361
		30.700					91.061			

F.B. 2422 P.G. 255

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G E. DREIER Time 9:20 TO 10:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 53-19 To B.M. 53-18
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.699		081		#15	6685		095		B.M. 53-19
	0,618		081			6,590		095		WEBB CN. RD. 0.25 MI. N. OF BASE
	0.537		.162 ✓			6,495 ✓		190 ✓		LINE RD.
1	1.854 ✓	0.618		.162 ✓	68°	19.770 ✓	6.590		.190 ✓	SEE F.B. 2422-129 FOR DESC.
	8.201		178			2.450		172		
	8,023		177			2.278		172		
	7.846		.355 ✓			2,106		344 ✓		T T. OHASHI
2	24.070	8.023		.517 ✓		6,834	2,278		.534 ✓	
	11.013		350			2158		349		
	10.663		349			1,809		349		
	10.314		699 ✓			1.460		698 ✓		
3	31,990	10.663		1.216 ✓		5,427	1,809		1,232 ✓	
	9,758		500			1,844		504		
	9258		500			1,340		503		
	8,758		1000 ✓			0,837		1,007 ✓		
4	27.774	9,258		2,216 ✓		4,021	1.340		2,239 ✓	
	8,684		626			4415		631		
	8.059		626			3,784		629		
	7,433		1.252 ✓			3,155		1,260 ✓		
5	24,177	8,059		3,468 ✓		11.354	3.785		3,499 ✓	
		36621 ✓					15.802 ✓			

F.B. 2422 P.G. 256

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No. NR.142552
Notes by G.E.DREIER Time 9:20 TO 10:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M.53-19 To B.M.53-18
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10,498 36.621		406	3.468		1450	15.802	420	3.499	
	10,092		402			1,030		420		
	9690		808			0,610		840		
6	30,280	10.093		4,276		3,090	1.030		4,339	
	10,619		498			2.011		500		
	10,121		499			1.511		500		
	9,622		997			1.011		1000		
7	30,362	10.121		5.273		4,533	1,511		5.339	
	3,882		635			9.088		620		
	3.247		638			8.468		619		
	2.609		1.273			7.849		1.239		
8	9.738	3.246		6.546		25405	8,468		6,578	
	9,751		622			2.270		630		
	9.135		622			1.640		633		
	8.513		1244			1.007		1.263		
9	27.405	9.135		7.790		4.917	1.639		7.841	
	8955		405			1,812		411		
	8,550		403			1.401		410		
	8.147		808			0.991		821		
10	25.652	8.551		8.598		4.204	1.401		8.662	
	77,767					29,851				

F.B. 2422 P.G. 257

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G.E. DREIER Time 9:20 TO 10:00 Rod No 15 & 16

Name FRICK RANCH REC. PARK
Job No. 0055.22
From B.M. 53-19 To B.M. 53-18
Date 2-21-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.712	77.767	375	85.98		1022	29.851	373	86.62	
	9.337		378			0.649		373		
	8.959		753			0.276		746		
11	28.008	9.336		93.51		1.947	0.649		94.08	
	4.753		265			0.897		167		
	4.488		267			0.730		168		B.M. 53-18
	4.221		532			0.562		335		NEBB CN. R.D. 0.6 MI. N. OF
12	13.462	4.487		98.83		2.189	0.730		97.43	BASE LINE RD.
										SEE F.B. 2422-128 FOR DESC.
										SUMMATION OF RUN
										B.M. 53-19 TO B.M. 53-18
										TOTAL BACKSIGHTS +91.590
										TOTAL FORESIGHTS -31.230
										DIFF IN ELEVATION +60.360
		91.590					31.230			

F.B. 2422 PG. 258

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. NH142552
Notes by T. OHASHI Time 3:10 TO 3:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 53-19 To B.M. 11-59
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	0754 0665 0575 1.994	0.665	089 090 179 179		#5	6725 6637 6550 1.991 2	6.637	088 087 175 175		BM. 53-19 RD. WEBB. CN. RD. M1. N. OF BASE LINE SEE F.B. 2422-129 FOR DESC.
2.	0660 0508 0357 1.525	0.508	152 151 303 482			9263 9115 8967 27.345	9.115	148 148 296 471		T J. MOODY
3	0954 0724 0492 2.171	0.724	231 232 463 945			11290 11065 10840 33.195	11.065	225 225 450 921		
4.	0586 0384 0182 1.151	0.384	202 202 404 808			10646 10448 10250 31.344	10.448	198 198 396 1317		
5.	1147 0891 0638 2.676	0.891	256 256 512 1860			9249 9002 8755 27.006	9.002	247 247 494 1812		
		3.172					46267			

F.B. 2422 P.G. 259

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 3:10 To 3:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-19 To BM. 11-59
Date 2-20-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0758	3.172	220	[illegible]		9365	46.267	225	[illegible]	
	0538		220			9140		225		
	0318		440			8915		450		
6.	1614	0.538		2300		27420	9.140		2262	
	1468		566			[illegible]		687		
	0902		565			9779		688		
	0337		1131			9241		1377		
7.	2707	0.902		3431		29788	9.929		3639	
	4437		634			5750		631		
	3803		631			5119		[illegible]		
	3172		1265			[illegible]		1260		+15.961
8.	11412	3.804		4696		15.359	5.120		[illegible]	-82.914
	5454		676			7378		575		-66.953
	4778		678			6803		574		
	4100		1354			6229		1149		
9.	14.332	4.777		6050		20.410	6.803		6048	
	3389		621			6255		600		T.B.M. P.K. SPK & INTER.
	2768		621			5655		600		WEBB CANYON RD. & BASE LINE RD.
	2147		1242			5055		1200		
10	8.304	2.768		7292		16.965	5.655		7248	
		15.961					82.914		7292	
									14540	
									=0.29 mi.	

F.B. 2422 P.G. 260

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 3:10 TO 3:50 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 53-19 To BM 11-59
Date 2-20-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8033		506	7.292		1695		497	7.248	
	7527		505			1198		497		
	7022		1011			0701		994		+45.672
11	22582	7.527		8303		3.594	1.198		5242	- 8.794
	10437		399			1299		401		+36.878
	10038		396			0898		399		
	9642		795			0499		800		
12	30117	10.039		9098		2.696	0899		9042	
	10744		401			1478		401		SUMMATION OF RIN
	10343		402			1077		402		B.M. 53-19 TO B.M. 11-59
	9941		803			0675		803		DIFF IN ELEV.
13	31028	10.343		9901		3.230	1.077		9845	B.M. 53-19 TO T.B.M. P.K -66.953
	9811		396			2437		404		T.B.M. P.K TO B.M. 11-59 +36.878
	9415		396			2033		405		B.M. 53-19 TO B.M. 11-59 -30.075
	9020		791			1628		809		
14	28246	9.415		10692		6.098	2.033		10654	F.B. 2422 P.G. 261
	8682		334			3941		360		B.M. 11-59
	8348		334			3587		360		BASELINE RD & LIVE OAK DR.
	8013		669			3227		720		SEE F.B. 1376-53 FOR DESC.
15	25043	8.348		11361		10761	3.587		11374	
		45.672					8.794			

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G.E.DREIER Time 8:30 TO Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 11-59 To B.M. 53-19
Date 2-21-58 M. C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.951		350		#15	8.708		346		B.M. 11-59
	3.601		349			8.362		346		BASE LINE RD. & LIVE OAK DR.
	3.252		699			8.016		692		SEE FB. 1376-53 FOR DESC.
1	10.804	3.601		.699	66°	25.086	8.362		.692	
	2.519		383			9.914		406		
	2.126		384			9.508		408		
	1.732		767			9.100		814		T J. MOODY
2	6.377	2.126		1.466		28.522	9.507		1.506	
	1.521		401			10.791		403		
	1.120		401			10.388		406		
	0.719		802			9.982		809		
3	3.360	1.120		2.268		31.161	10.387		2.315	
	1.372		401			10.588		397		+ 8.998
	0.971		399			10.111		399		- 45.874
	0.572		800			9.712		796		- 36.876
4	2.915	0.972		3.068		30.331	10.110		3.111	
	1.685		507			8.004		496		
	1.178		505			7.508		496		T.B.M. P.K. SPK. ON & INTER.
	0.673		1.012			7.012		992		WEBB CN. RD. & BASE LINE RD.
5	3.536	1.179		4.080		22.524	7.508		4.103	
		8.998					45.874		4.080	5.183 = 0.15 M.

F.B. 2422 P.G. 262

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr.142552
Notes by G.E. DREIER Time 8:20 TO 9:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-57 To B.M. 53-19
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.228		602	4.080		3.359		622	4.103	
	5.626		601			2.737		624		
	5.025		1.203			2.113		1.246		
6	16.879	5.626		5.283		8.209	2.736		5.349	
	7.521		625			5.498		627		
	6.896		625			4.871		628		
	6.271		1.250			4.243		1.255		
7	20.688	6.896		6.533		14.612	4.871		6.604	
	5.853		638			4.526		627		
	5.215		637			3.899		624		
	4.578		1.275			3.275		1.251		
8	15.646	5.215		7.808		11.700	3.900		7.855	
	10.619		678			1.489		574		
	9.941		677			0.915		577		
	9.264		1.355			0.338		1.151		
9	29.824	9.941		9.163		2.742	0.914		9.006	
	9.398		224			0.795		222		
	9.174		223			0.573		222		
	8.951		447			0.351		444		
10	27.523	9.174		9.610		1.719	0.573		9.450	
				36.852					12.994	

F.B. 2422 P.G. 263

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No NK.142552
Notes by G.E.DREIER Time 8:20 TO 9:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 11-59 To B.M. 53-19
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.222	36.852	247	96101		1122	12.994	258	9.450	
	8.975		247			0,864		257		+82.945
	8,725		494			0,607		515		-15.992
11	26.925	8.975		10.104		2.593	0.864		9.965	+66.953
	10.705		198			0645		203		
	10.507		198			0,442		203		
	10.309		396			0,239		406		
12	31.521	10.507		10.500		1.326	0.442		10.371	SUMMATION OF RUN
	11.202		226			0.867		232		B.M 11-59 TO B.M. 53-19
	10.976		226			0.635		232		DIFF IN ELEV.
	10.750		452			0.403		464		B.M. 11-59 TO T.B.M. P.K -36.876
13	32.928	10.976		10.952		1.905	0.635		10.835	T.B.M. P.K TO 53-19 +66.953
	9.326		149			0721		149		B.M. 11-59 TO B.M 53-19 +30.077
	9,177		148			0.572		150		
	9.029		297			0.422		299		
14	27.532	9.177		11.249		1715	0.572		11.134	
	6.517		059			0,604		119		
	6.458		060			0,485		119		B.M. 53-19
	6.398		119			0.366		238		WEBB CN. RD, 0.25 MI. N. OF BASE LINE RD
15	19.373	6.458		11.368		1.455	0.485		11.372	SEE F.B. 2422-129 FOR DESC.
		82.945					15.992			

F.B. 2422 P.G. 264

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No. NK142552
Notes by G.E. DREIER Time 2:20 TO 2:40 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From T.B.M. PK To B.M. 11-60
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5233		621		#15	8661		624		T.B.M. P.K SPK & INTER.
	4.612		620			8,037		625		WEBB CN. RD & BASELINE RD,
	3992		1.241			7,412		1.249		
1	13.837	4.612		1.241		24.110	8.037		1.249	
	4.090		219			6182		215		+8.483
	3.871		219			5.967		215		+14.004
	3.652		438			5.752		430		-5.521
2	11.613	3.871		1.679		17.901	5.967		1.679	
		8.483					14.004			T.B.M. CUT SPK
										BASELINE RD & SUMNER AVE.
										N.W. COR., CUT SPK IN N.E. ABUT.
										CONC. BOX CULVERT PAINTED "BM"
	5.322		622			5795		625		SUMMATION OF RUN DIFF IN ELEV
	4.700		621			5,170		624		T.B.M. P.K TO T.B.M. C.SPK. -5.521
	4.079		1,243			4.546		1.249		T.B.M. C. SPK TO 11-60 +4.324
3	14.101	4.700		2,922		15.511	5.170		2.928	T.B.M. P.K AT WEBB CN. TO 11-60 -1.197
	8.461		742			3.658		733		
	7.719		741			2.925		732		B.M. 11-60 (LA VERNE H-10)
	6.978		1.483			2.193		1.465		BASELINE RD & SAN ANTONIO DR.
4	23.158	7.719		4.405		8.776	2.925		4.393	SEE F.B. 1376-54 FOR DESC.
		12.419					8.095			4405 / 8798 + 12.419 - 8.095 = +4.324

F.B. 2422 P.G. 265

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 2:40 TO 3:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055,22
From B.M. 11-60 To T.B.M. PK SPK
Date 2-21-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3,478		736		#15	8.275		737		B.M. 11-60 (LA VERNE H-10)
	2.742		737			7.538		738		BASE LINE RD. & SAN ANTONIO AVE
	2.005		1,473 ✓			6.800		1.475 ✓		SEE F.B. 1376-54 FOR DESC
1	8.225 ✓	2.742		1,473 ✓	72°	22.613 ✓	7.538		1.475 ✓	
	5,799		622			5.335		624		+ 7.918 ✓
	5,177		624			4.711		624		- 12.249 ✓
	4.553		1246 ✓			4.087		1248 ✓		- 4.331 ✓
2	15.529	5.176		2,719 ✓		14.133	4.711		2.723 ✓	
		7.918 ✓					12.249 ✓			T.B.M. CUT SPK
										BASE LINE RD. & SUMNER AVE
										N.W. COR CUT SPK IN CHIS.
										SQ. IN N.E. ABUT. CONC. BOX
	6,165		211			4079		220		CULVERT PAINTED B.M.
	5.954		209			3.859		219		SUMMATION OF RUN DIFF. IN ELEV.
	5745		420 ✓			3.640		439 ✓		B.M. 11-60 TO T.B.M. C SPK. -4.331 ✓
3	17.864	5.955		3.139		11.578	3.859			T.B.M. C SPK TO T.B.M. P.K SPK +5.517 ✓
	8.362		621			4.947		628		B.M. 11-60 TO T.B.M. P.K. SPK. +1.186 ✓
	7.741		621			4.319		624		T.B.M. P.K. SPK & INTER.
	7.120		1.242 ✓			3.695		1.252 ✓		WEBB CN. RD. & BASE LINE RD.
4	23.223	7.741		4.381		12.961	4.320			
		13.696 ✓					8.179 ✓			+ 13.696 ✓
										- 8.179
										+ 5.517 ✓

F.B. 2422 P.G. 266

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE Inst. No Vr.14255²
Notes by G.E.DREIER Time 3:00 TO 3:10 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From T.B.M. P.K. To B.M. 11-60
Date 3-21-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.920		625		#15	8.341		622		T.B.M.
	4.295		625			7.719		621		P.K. SPK & INTER. WEBB CN.
	3.670		1.250 ✓			7.098		1.243 ✓		RD. & BASE LINE RD.
1	12.885 ✓	4.295		1.250 ✓	74°	23.158 ✓	7.719		1.243 ✓	T. J. MOSS
	4.004		219			6.098		226		
	3.785		220			5.878		220		
	3.565		439 ✓			5.658		440 ✓		
2	11.354 ✓	3.785		1.689 ✓		17.634 ✓	5.878		1.683 ✓	
	8.080 ✓					- 13.597 ✓				T.B.M. C.SPK
						+ 8.080 ✓				BASELINE RD. & SUMNER AVE,
						- 5.517 ✓				N.W.COR, CUT SPK IN CH'S, SQ. IN B.M.
										N.E. ABUT CONC. BOX CULVERT PAINTED
	4.884		610			5.378		638		SUMMATION OF RUN
	4.274		611			4.740		638		T.B.M. P.K. TO T.B.M. C.SPK -5.517 ✓
	3.663		1.221 ✓			4.102		1.276 ✓		T.B.M. C.SPK TO 11-60 +4.326
3	12.821 ✓	4.274		2.910		14.220 ✓	4.740		2.959	T.B.M. P.K. SPK TO 11-60 - 1.191 ✓
	8.085		746			3.278		730		
	7.339		742			2.548		730		B.M. 11-60 (LAVERNE H-10)
	6.597		1.488 ✓			1.818		1.460 ✓		BASELINE RD. & SAN ANTONIO DR
4	22.021	7.340		4.398 ✓		7.644	2.548 ✓		4.419	SEE F.B. 1376-54 FOR DESC.
	+ 11.614 ✓					7.288 ✓				
	- 7.288 ✓									
	4.326 ✓									

F.B. 2422 PG. 267

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZE Inst. No NK142552
Notes by G.E.DREIER Time 3:10 TO Rod No. 15 & 16

Name FRICK RANCH REC. PARK
Job No. 00 55 22
From B.M. 11-60 To T.B.M. PK
Date 2-21-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.299		732		#15	8,167		745		B.M. 11-60 (LAVERNE H-10)
	2,567		731			7,362		744		BASE LINE RD & SAN ANTONIO AVE,
	1.836		1.463 ✓		✓	6.618		1,489 ✓		SEE F.B. 1376-54 FOR DESC.
1	7.702 ✓	2.567		1,463		22,087 ✓	7,362		1.489 ✓	
	5362		646			4.851		601		✱ J. MOODY
	4,716		646			4.250		602		
	4.070		1.292 ✓			3.648		1.203 ✓		
2	14,148	4,716		2,765 ✓		12,749	4.250		2,692	
		7283 ✓				- 11,612 ✓				T.B.M. CUT SPK.
						+ 7.283 ✓				BASE LINE RD. & SUMNER AVE.
						- 4,329 ✓				N.W.COR., CUT SPK. IN CHIS. SQ IN
										N.E. CONC ABUT CONC. BOX CULVERT
	6,082		221			3.985		218		
	5.861		222			3.767		219		SUMMATION OF RUN
	5,639		443 ✓			3,548 ✓		437 ✓		B.M. 11-60 TO T.B.M. C.SPK - 4.329 ✓
3	1758 ✓	5.861		3,198 ✓		1,300 ✓	3.767		3,129 ✓	T.B.M. C.SPK TO T.B.M. P.K. +5.515 ✓
	7811		610			4.419		640		B.M. 11-60 TO T.B.M. P.K. +1.186 ✓
	7,201		610			3.779		638		
	6,591		1.220 ✓			3.141		1278 ✓		T.B.M. P.K. SPK. & INTER
4	21.603	7.201 ✓		4,418 ✓		11,339	3.780 ✓			WEBB CN. RD. & BASE LINE RD.
		+ 13.062 ✓					7.547 ✓			
		- 7.547 ✓								
		+ 5.515 ✓								

F.B. 2422 P.G. 2.68.

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No Nv.142552
Notes by G.E. DREIER Time 8:00 TO 16:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-59 To B.M. 11-57
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9451		399		#15	3268		401		B.M. 11-59
	9,052		397			2.867		400		BASE LINE RD & LIVE OAK DR.
	8,655		796 ✓			2,467		801 ✓		SEE F.B. 1376-53 FOR DESC.
1	27.158 ✓	9.053		796 ✓	60°	8.602 ✓	2.867		.801 ✓	
	7651		400			5034		392		J. MOODY
	7,257		400			4,642		394		+ 16,310 ✓
	6.857		800 ✓			4.248		786 ✓		- 7,508 ✓
2	21.771	7.257		1596 ✓		13,924	4,641		1,587 ✓	+ 8.802 ✓
	16,310 ✓					7.508 ✓			1.596	
									3,183 ✓	B.M. 11-58 FRENCH 1923
									= 0.06mi ✓	BASE LINE RD & COLLEGE WAY
										SEE F.B. 1376-53 FOR DESC.
	2287		626			8.309		611		
	1,661		626			7,698		611		
	1.035 ✓		1252 ✓			7.087		1222 ✓		
3	4.983 ✓	1.661		2848 ✓		23.094	7.698		2.809 ✓	
	3.025		628			9303		626		
	2.397		629			8.677		628		
	1768		1.257 ✓			8.049		1.254 ✓		
4	7.190	2.397		4,105 ✓		26.029	8.676		4.063 ✓	
	4.058 ✓					16,374 ✓				

F.B. 2422 P.G. 269

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather OVERCAST Inst. No. NA 142552
Notes by G.E. DREIER Time 9:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 11-59 To B.M. 11-57
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.493	4.058 ✓	610	4.105		10.627	16.374 ✓	649	4.063 ✓	
	0.883		608			9.978		646		
	0.275		1.218 ✓			9.332 ✓		1295 ✓		
5	2.651 ✓	0.884		5.323 ✓		29.937	9.979		5.358 ✓	
	2.212		630			8.272 ✓		628		
	1.582		630			7.644		628		
	0.952		1.260 ✓			7.016		1.256 ✓		
6	4.746	1.582		6.583 ✓		22.932	7.644		6.614 ✓	
	5.279		630			8.433		625		
	4.649		630			7.808		626		
	4.019		1.260 ✓			7.182		1.251 ✓		
7	13.947	4.649		7.843 ✓		23.423	7.808		7.865 ✓	
	3.562		624			9.083		625		
	2.938		626			8.458		625		
	2.312		1.250 ✓			7.833		1250 ✓		
8	8.812	2.937		9.093 ✓		25.374	8.458		9.115 ✓	
	1.730		630			10.502		624		
	1.100		629			9.878		623		
	0.471		1259 ✓			9.255		1.247 ✓		
9	3.301	1.100		10.352 ✓		29.635	9.878		10.362 ✓	
		15.210 ✓					60.141 ✓			

FB 2422 PG 270

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. NK142552
Notes by G.E. DREIER Time 9:00 TO 10:00 Rod No. 15816

Name FRICK RANCH REG. PARK
Job No. 005522
From B.M. 11-59 To B.M. 11-57
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.062	15.210	625	10.352		9.556	60.421	625	10.362	
	1.437		625			8.931		625		
	0.812		1.250			8.306		1.250		
10	4.311	1.437		11.602		26.793	8.931		11.612	
	1.922		625			10.772		625		
	1.297		626			10.147		626		
	0.671		1.251			9.521		1.251		
11	3.890	1.297		12.853		30.440	10.147		12.863	
	1.572		550			10.627		550		
	1.022		549			10.077		550		
	0.473		1.099			9.527		1.100		
12	3.067	1.022		13.952		30.231	10.077	6	13.973	
	1.395		498			10.895		501		
	0.897		498			10.394		501		
	0.399		996			9.893		1.002		
13	2.691	0.897		14.948		31.182	10.394	6	14.985	
	1.297		500			11.827		497		
	0.797		500			11.330		496		
	0.297		1.000			10.834		993		
14	2.391	0.797		15.948		33.991	11.330	5	15.968	
		20.660					111.020			

F.B. 2022 P.G. 27

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G.E. DREIER Time 9:00 TO 10:00 Rod No. 5 & 16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From B.M. 11-59 To B.M. 11-57
Date 2-24-58
Indexed C. JOHNSON

F.B. 2422 P.G. 272

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7842	20.660	617	15.948		4.977	4.645	632	15.968	
	7,225		617			4,345		632		+ 58.015
	6.608		1.234			3.713		1.264		- 128.595
15	21.675	7,225		17.182		13.035	4.345		17.282	- 70.580
	7159		628			5.389		630		
	6,531		630			4.759		628		
	5.901		1,258			4131		1258		
16	19.591	6.530		18.440		14.279	4.760		18.480	SUMMATION OF RUN
	7,225		633			4.859		624		B.M. 11-59 TO B.M. 11-57
	6.592		631			4,235		624		DIFF IN ELEV
	5.961		1,264			3.611		1,248		B.M. 11-59 TO B.M. 11-58 + 8.802
17	19.778	6.593		19.704		12,705	4.235		19,728	B.M. 11-58 TO B.M. 11-57 - 70.580
	7.915		627			3.001		625		
	7.288		630			2.376		624		
	6.658		1.257			1.752		1249		
18	21.861	7.287		20.961		7.129	2.376		20.987	
	10.219		500			2.367		508		
	9.719		498			1,859		507		B.M. 11-57
	9.221		9981			1.352		1.015	21992	BASE LINE RD. & WILLIAMS AVE
19	29.159	9.720		21.959		5,578	1.859		22.002	SEE F.B. 1376-52 FOR DET.
		58.015					128.595		21.959	
									43961	
									70.580	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY - SUN Inst. No. NK142552
Notes by T. OHASHI Time 2:35 TO 3:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 11-57 To B.M. 1-59
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1.	1897 1395 0892 4.184 ✓	1.395	502 503 1005 ✓ 1005 ✓		#15	9757 9257 8755 27.769 ✓	9256	500 502 1002 ✓ 1002 ✓		B.M. 11-57 BALDWIN RD. & WILLIAMS AVE. SEE F.B. 1376-52 FOR DESC
2.	2874 2248 1620 6.740	2.247	626 626 1254 ✓ 2259 ✓			7781 7155 6529 21.465	7.155	626 626 1252 ✓ 2254 ✓		T. MOODY
3.	4769 4143 3519 12.431	4.144	626 624 1250 ✓ 3569 ✓			7137 6503 5872 19.512	6.504	634 631 1265 ✓ 3519 ✓		
4.	5167 4537 3907 13.611	4.537	630 630 1260 ✓ 4769 ✓			6936 6309 5681 18.926	6.309	627 628 1255 ✓ 4776 ✓		F.B. 2422 PG. 273
5.	5021 4383 3744 13.153	4.384	638 634 1272 ✓ 6041 ✓			7869 7266 6661 21.796	7.265	603 605 1208 ✓ 5982 ✓		
	16,707 ✓					36.489 ✓				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. Nr 142552
Notes by T. OHASHI Time 2:35 TO 3:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 11-57 To BM 11-59
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	12004		525	6.041		1416	36.489	471	5.982	
	11479		524			0.945		470		
	10955		1049			0475		941		
6	34438	11.479		7090		2.836	0.945		6.923	
	10689		501			1192		500		
	10188		499			0692		500		
	9.689		1000			0192		1000		
7	30566	10.189		8090		2.076	0.692		7923	
	10519		549			1466		549		
	9970		551			0917		548		
	9419		1100			0369		1097		
8	29.908	9.969		9190		2752	0.917		9020	
	10749		625			1901		626		
	10.124		626			1275		626		
	9498		1251			0649		1252		
9	30.371	10.124		10.441		3.825	1275		10272	
	9568		625			2075		625		
	8943		625			1450		625		
	8318		1250			0825		1250		
10	26829	8.943		11.691		4.350	1.450		11.522	
		67.411					41.768			

F.B. 2422 P.G. 274

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY-SUN Inst. No. N-142552
Notes by T. OHASHI Time 2.35 TO Rod No. 15 & 16

Name ERICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-57 To B.M. 11-59
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10541	67.411	624	11.691		17694	1768	631	11.522	
	9917		624			11 38		629		
	9293		1248			0509		1260		
11.	29.751	9.917	12939			3.416	1139	12782		
	9058		626			3537		625		
	8432		627			2912		625		
	7805		1253			2287		1250		
12.	25.295	8.432	14192			8.736	2.912	14032		
	7922		605			4808		649		
	7317		607			4159		648		
	6710		1212			3511		1297		
13.	21.949	7.316	15404			12.478	4.159	15329		
	7930		623			1878		632		
	7307		624			1243		630		
	6683		1247			0613		1262		
14.	21.920	7.307	16651			3.731	1244	16491		
	10560		644			1432		613		
	9916		646			0819		611		
	9270		1290			0208		1224		
15.	29.746	9.915	17941			2.459	0820	17815		
			110.298					52.042		

F.B. 2422 P.G. 275

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY - SUN Inst. No. NK142552
Notes by T. OHASHI Time 2:35 TO 3:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00552.22
From BM 11-57 To BM 11-59
Date 2-24-58
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10007	10.298 ✓	609	17.941 ✓		3772	2.042 ✓	654	17.815 ✓	
	7398		638			3118		656		
	8790		1217 ✓			2961		311 ✓		
16.	28.195	9.398		19.158 ✓		9.851	3.117		9.126 ✓	
	8459		626			2907		610		+127.529 ✓
	7833		626			1797		610		−56.956 ✓
	7207		1252 ✓			1187		1220 ✓		DIFF. B.M. 11-57 TO 11-58 +70.573 ✓
17	23495	7.833		20.410 ✓		5391	1.777		20.346 ✓	
		127.529 ✓					56.956 ✓			B.M. 11-58
										BASELINE RD. & COLLEGE WAY
										SEE F.B. 1376-53 FOR DESC.
	5003		393			7621		398		+7.452 ✓
	4610		395			7223		399		−16.252 ✓
	4218 ✓		788 ✓			6824		797 ✓		DIFF. B.M. 11-58 TO 11-59 −8.800 ✓
18	13828 ✓	4.609		21.198 ✓		21626 ✓	7.223		21.143 ✓	
	3248		406			9424		395		B.M. 11-59
	2842		404			9029		399		BASELINE RD. & LIVE OAK DR.
	2438		810 ✓			8635		794 ✓		SEE F.B. 1376-53 FOR DESC.
19	8528	2.843		22.008 ✓		27088	9.029		21.932 ✓	
		7.452 ✓					16.252 ✓			

F.B. 2422 P.G. 276

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather Cloudy Inst. No NR192552
Notes by J. Moody Time 10:05 to 10:55 Rod No 15 #16

Name FRICK RANCH REG. PARK
Job No. 00.55.22
From B.M. 11-57 To B.M. 13-11
Date 2-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2358		375		#15	10.258		375		B.M. 11-57
	1983		375			9883		373		BASELINE RD & WILLIAMS RD
	1608		750 ✓			9510		748 ✓		SEE F.B. 1376-52 FOR DESC
1	5.949	1.983		750 ✓	60	2965	9.884		748 ✓	
	1724		497			11.403		504		T G.E. DREIER
	1227		499			10.899		502		
	0728		996 ✓			10.397		1006 ✓		
2	3.679	1.226		1746 ✓		32.699	10.900		1.784 ✓	
	1117		034			10.687		474		NOTE — B.M.'S 11-56 & 11-55 NOT
	0683		032			10.213		473		RECOVERED; 11-56 MAY HAVE
	0251		866 ✓			9.740		947 ✓		BEEN DESTROYED; DESC. FOR
3	2.051	0.684		2612 ✓		30.640	10.213		2.701 ✓	11-55 INADEQUATE
	2242		621			9444		626		
	1621		622			8818		627		
	0999		1243 ✓			8191		1253 ✓		
4	4.862	1.621		3855 ✓		26453	8.818		3.964 ✓	
	2930		623			8691		623		
	2307		626			8068		627		
	1681		1249 ✓			7441		1250 ✓		
5	6.918	2.306		5104 ✓		20200	8.067		5.204 ✓	
	7.820 ✓					47.882 ✓				

F.B. 422 P.G. 277

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. NR 142552
Notes by J. MOODY Time 10:05 to 10:55 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0056.22
From BM 11-57 To BM 13-11
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2491	7.820	645	5.104		10.140	47.882	602	5.204	
	1846		647			9538		602		
	1199		1292			8936		1204		
6	5536	1.845		6.396		28614	9.538		6.408	
	1911		501			9687		500		
	1410		501			9187		499		
	0909		1002			8688		999		
7	4.230	1.410		7.398		27562	9.187		7.407	T.P.
	2913		651			9790		629		
	2262		651			9161		630		
	1611		1302			8531		1259		
8	6.786	2.262		8.700		27482	9.161		8.666	
	2418		630			8442		638		
	1788		630			7804		637		
	1158		1260			7167		1275		
9	5364	1.788		9.960		23413	7.804		9.941	
	3035		605			8531		623		
	2430		607			7908		624		
	1823		1212			7284		1247		
10	7.288	2.429		11.172		23723	7.908		11.188	
		17.554					91.480			

F.B. 2422 P.G. 278

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. NK 142552
Notes by J. MOODY Time 10:05 to 10:55 Rod No. 15 & 16

Name RICK RANCH REG. PARK
Job No. 0055.22
From BM 11-57 To BM 13-11
Date 2-24-58 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2711	17.554 ✓	640	11.172 ✓		7710	91.480 ✓	631	11.188 ✓	
	2071		640			7079		629		
	1431		1280 ✓			6450		1260 ✓		
11	6.213 ✓	2.071		12452		21239 ✓	7.080		12448	
	4538		630			7803		633		
	3908		629			7170		633		
	3279		1259 ✓			6537		1266 ✓		
12	11.725	3.908		13711 ✓		21510	7.170		13714	
	3059		626			8718		625		
	2433		624			8093		623		
	1809		1250 ✓			7470		1248 ✓		
13	7.301	2.434		14961 ✓		24281	8.094		14962	
	1713		624			9436		628		
	1089		625			8808		628		
	0464		1249 ✓			8180		1256 ✓		
14	3.266	1.089		16210 ✓		26424	8.808		16218	
	3013		375			7446		376		
	2638		376			7070		376		
	2262		751 ✓			6694		752 ✓		
16	7.913	2.638		16961 ✓		21210	7.070		16970	
		29.694 ✓					29.702 ✓			

F.B. 4222 P.G. 279

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. WC 142552
Notes by J. MOODY Time 10:05 to 10:55 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 2055.22
From B.M. 11-57 To B.M. 13-11
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4549	29.694	231	16.961		8259	129.764	230	16.970	
	4318		231			8019		229		
	4087		062			7790		989		
16	12954	4318		17423		24058	8019		17429	
								17423		BM 13-11
								34852		BASELINE RD & FRUIT AVE.
								10.66mi.		
										SUMMATION OF RUN
										B.M. 11-57 TO B.M. 13-11
										TOTAL BACKSIGHTS +34,012
										TOTAL FORESIGHTS -137,721
										DIFF IN ELEVATION -103.709
		34,012					137.721			

F.B. 242 2 PG. 280

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather HAZE SUN Inst. No. NK 142562
Notes by J. Moody Time 2:00 to 2:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 13-11 To BM 11-57
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8351		233		#15	4602		228		BM 13-11
	8118		233			4414		227		BASELINE RD. & FRUIT AVE
	7885		066			4187		455		
1	24354	8.118		466	68°	13243	4.414		455	
	7377		375			2947		377		T DREIER
	7002		374			2570		377		
	6628		749			2193		754		
2	21007	7.002		1215		7710	2.570		1209	
	9603		626			1880		622		
	8977		627			1258		625		
	8350		1253			0633		1247		
3	26930	8.977		2068		3771	1.257		2456	
	8789		621			3132		625		
	8168		622			2507		629		
	7546		1243			1878		1254		
4	24503	8.168		3711		7517	2.506		3710	
	7807		628			4548		631		
	7179		628			3917		631		
	6551		1256			3286		1262		
5	21537	7.179		4967		11751	3.917		4972	
			39.944					14.664		

F.B. 2422 P.G. 28

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Chief of Party C.E. DREIER Weather HAZE SUN Inst. No. NK 19252
Notes by J. MOODY Time 2:00 to 2:35 Rod No. 15 & 16

Name ERICK RANCH REG. PARK
Job No. 20552.22
From BM 13-11 To BM 11-57
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7990	39.44	627	4.967		2991	14.662	637	4.972	
	7363		626			2354		636		
	6737		1253			1718		1273		
6	22090	7.363		6.220		7063	2.354		6.245	
	9289		628			3802		619		
	8661		625			3183		617		
	8036		1253			2566		1236		
7	25986	8.662		7.473		9551	3.184		7.481	
	8401		629			2382		625		
	7772		628			1757		627		
	7144		1257			1130		1252		
8	23317	7.772		8.730		5.269	1.756		8.733	
	9976		628			3101		653		
	9348		629			2448		650		
	8719		1257			1798		1303		
9	28643	9.548		9.987		7347	2.449		10.036	T.P
	9678		496			1909		505		
	9182		494			1404		504		
	8688		990			0900		1009		
10	27548	9.183		10.977		4213	1.404		11.045	
	81.712					25.811				

F.B. 2422 P.G. 282

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather HAZE - SUN Inst. No NK 192652
Notes by J. MOODY Time 2:00 to 2:35 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 13-11 To BM 11-57
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.215	81.772	624	10.977		2530	25.811	629	11.045	
	9591		620			1901		630		
	8971		1244			1271		1259		
11	28777	9.592		12221		5.702	1.901		12304	
	8733		622			2977		629		
	8111		624			2348		628		
	7487		1246			1720		1257		
12	24331	8.110		13467		7.045	2.348		13561	
	9341		624			2144		626		
	8717		626			1518		626		
	8091		1250			0892		1252		
13	26.149	8.716		14717		4.554	1.518		14813	
	10.627		474			1051		425		
	10.153		472			0626		427		
	9681		946			0199		852		
14	30461	10.154		15663		1.876	0.625		15665	
	11.471		502			1.793		498		
	10.969		501			1295		498		
	10.468		1003			0797		996		
15	32908	10.969		16666		3.885	1.295		16661	
	129.313					33.498				

F.B. 242 Z P.G. 283

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. ORCIER Weather HAZE SUN Inst. No. NC 182552
Notes by J. MOODY Time 2:00 to 2:35 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 005522
From BM 13-11 To BM 11-57
Date 2-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.028	129.313	372	16.666		2183	33.498	376	16661	
	9706	"	373			1807		378		
	9333		745			1429		754		
16	29117	9.706		17411		6.419	1.806		17415	
										BM 11-57 BASE LINE RD. & WILLIAMS AVE SEE F.B. 1376-52 FOR DESC.
										SUMMATION OF RUN B.M. 13-11 TO B.M. 11-57
										TOTAL BACKSIGHTS +139.019
										TOTAL FORESIGHTS − 35.304
										DIFF IN ELEVATION +103.715
		139.019					35.304			

F.B. 2422 P.G. 284

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather Part Cloudy Inst. No NK142552
Notes by J. Moody Time 10:55 to 11:20 Rod No. 15816

Name FRICK RANCH REG. PARK
Job No. 60552.22
From BM 13-11 To BM 11-54
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8183		230		#15	4079		229		BM 13-11
	7953		232			4250		230		BASE LINE RD. & FRUIT RD.
	7721		462			4020		459		
1	23857	7.952		462	60°	12749	4.250		459	
	1686		628			9299		628		
	1058		627			8671		628		# DREIER
	0431		1255			8043		1256		
2	3175	1.058		1717		26013	8.671		1715	
	2586		624			7268		625		
	1962		624			6643		625		
	1338		1248			6018		1250		
3	5886	1.962		2965		19929	6.643		2965	
	0822		629			6493		622		
	0193		626			5871		621		
	3567		1255			5250		1243		
4	12582	4.194		4220		17614	5.871		4208	
	5602		625			6595		626		
	4977		624			5919		622		
	4353		1249			5297		1248		
5	14932	4.977		5469		17761	5.920		5456	
		20.143					31.355			

F.B. 2422, P.G. 285

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREYER Weather Part cloudy Inst. No. WI 19253 L.

Notes by J. MOODY Time 10:55 to 11:20 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 13-11 To BM 11-54
Date 7-24-58 G. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5791	20.143	622	5469		6170	21.355	627	5456	
	5169		622			5593		625		
	0547		1200			4918		1252		
6	15907	5.169		6713		16.631	5.548		6708	
	5677		624			6387		628		
	5053		622			5759		627		
	1031		2246			5132		1255		
7	16.161	5.052		7959		17.278	5.159		7963	
	6028		241			5907		11		F.C. BM. 94-35
	5807		242			5663		242		
	5565		483			5421		486		SUMMATION OF RUN
8	17420	5.807		8042		16.991	5.664		8049	B.M. 13-11 TO B.M. 11-54
	6388		625			7610		627		TOTAL BACKSIGHTS +47.415
	5763		623			2983		626		TOTAL FORESIGHTS -56.052
	5140		1248			2252		1253		DIFF IN ELEVATION -8.637
9	17291	5.764		9690		8.950	2.983		9702	
	5862		594			5133		386		
	5478		383			4747		387		BM 11-54
	5095		767			4360		773		BASELINE RD. & EMERALD AVE
10	16435	5.478		10457		14.240	4.747		10475	SEE F.B. 1376-50 FOR DESC.
		47.415					56.052			

10,457
20,932
= 9,40 mL

F.B. 2422 P.G. 286

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by J. MOODY Time 1:25 TO 2:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-54 To B.M. 13-11
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5392		385		#15	6120		383		B.M. 11-54
	5007		388			5737		383		BASE LINE RD. & EMERALD AVE
1	4619		773			5354		766		SEE F.B. 1376-50 FOR DESC
	18.018	5.006		773	68°	17.211	5.737		766	
	3571		624			6351		624		
	2947		628			5727		625		T DREIER
2	2319		1252			5102		1249		
	8.837	2.946		2025		17.180	5.727		2.015	
	5997		244			6137		243		BM. FC. 94-35
	5753		244			5894		242		
	5509		488			5652		485		
3	17.259	5.753		2513		17.683	5.894		2500	
	6539		627			5829		622		
	5912		626			5207		624		
	5286		1253			4583		1246		
4	17.737	5.912		3766		16.619	5.206		3746	
	6337		624			5968		628		
	5713		621			5340		627		
	5092		1245			4713		1255		
5	17.142	5.714		5011		16.021	5.340		5001	
	25.331					27.904				

F.B. 422 P.G. 287

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C.E. DREIER Weather HAZE SUN Inst. No. AUTO 19255
Notes by J. MOODY Time 1:25 to 2:00 Rod No. 15816

Name FRICK RANCH REG. PARK
Job No. 0055.22
From BM 11-54 To BM 13-11
Date 2-24-58
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6537	5.931	627	5.011		5592		625	5.001	
	5910		625			4967		622		
	5285		1252			4345		1247		
6	17732	5.911		6.263		14904	4.968		6.248	SUMMATION OF RUN
	6412		624			0735		625		BM 11-54 TO BM 13-11
	5788		625			4110		627		TOTAL BACK SIGHT +86.594
	5163		1249			3283		1252		TOTAL FORE SIGHT -47.953
7	17363	5.788		7.512		12328	4.109		7.500	DIFF. IN ELEV. +38.641
	7222		623			2543		624		
	6599		623			1919		627		
	5976		1246			1292		1251		
8	19797	6.599		8.758		5754	1.918		8.751	
	9203		625			1591		628		
	8578		626			0963		626		
	7952		1251			0337		1254		
9	25733	8.578		10.009		2891	0.964		10.005	
	4614		227			8324		234		
	4387		226			8090		233		BM 13-11
	4161		453			7857		467		BASE LINE RD & FRUIT AVE
10	13162	4.387		10.462		24271	8.090		10.472	
		53.594					47.953			

F.B. 2422 P.G. 288

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather THIN OVERCAST Inst. No. N.T. 142
Notes by G.E. DREIER Time 11:20 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 00555.22
From B.M. 11-54 To B.M. 11-52
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.585		626		#15	4.869		624		B.M. 11-54
	6.959		625			4.245		623		BASELINE RD & EMERALD AVE.
1	6.334		1.251	1.251	65°	3.622		1.247	1.247	SEE F.B. 1376-50 FOR DESC.
	20.878	6.959				12.736	4.245			
	6.568		629			5.375		624		
	5.939		627			4.751		622		T. J. MOODY
2	5.312		1.256	2.507		4.129		1.246	2.493	
	17.819	5.940				14.255	4.752			
	5.912		624			5.705		626		
	5.288		625			5.079		624		
3	4.663		1.249	3.756		4.455		1.250	3.743	
	15.863	5.288				15.239	5.080			
	6.115		624			5.613		626		
	5.491		623			4.987		627		
4	4.868		1.247	5.003		4.360		1.253	4.996	
	16.474	5.491				14.960	4.987			
	6.389		622			6.113		625		
	5.767		624			5.488		628		
5	5.143		1.246	6.249		4.860		1.253	6.249	
	17.299	5.766				16.461	5.485			
		29.444					24.551			

F.B. 2422 P.G. 289

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather THIN OVERCAST Inst. No NK142552
Notes by G.E.DREIER Time 11.20 TO 11.45 Rod No. 15 & 16

Name ERICK RANCH REG PARK
Job No. 0055.22
From B.M. 11-54 To B.M. 11-52
Date 2-24-58
Indexed C. Johnson

F.B. 2422 P.G. 290

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5797	29.444	626	6.249		5508	24551	626	6.249	
	5.171		626			4.882		624		
	4.545		1252	7		4.258		1250	7	
6	15.513	5.171		6.501		14.648	4.883		6.499	
	5.565		360			4.559		360		+39.820
	5.205		360			4.199		360		-33.633
	4.845		720	8		3.839		720	8	+ 6.187
7	15.615	5.205		7.221		12.597	4.199		7.219	
		39.820					33.633		8.221	
									4.440	B.M. 11-53 (F.C. B.M. 94-36)
									16.	BASE LINE RD & MARSHALL CN, WASH
									0.3 mi.	SEE F.B. 1376-49 FOR DESC.
	4.857		625			6.009		626		
	4.232		624			5.383		625		
	3.608		1249	9		4.758		1251	9.	
8	12.697	4.232		8.470		16.150	5.383		8.470	
	5.300		627			6.698		626		
	4.673		625			6.072		623		
	4.048		1252			5.449		1249		
9	14.021	4.674		8.722		18.219	6.073		8.719	
		8.906		10.			11.456		10.	

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr. 142552
Notes by G. E. DREIER Time 11:20 TO 11:45 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No 0055.22
From B.M. 11-54 To B.M. 11-52
Date 2-24-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.477	8.906	626	8.722		6.415	11.456	627	8.719	
	3.851		625			5.788		627		+16.120
	3.226		1.251	1		5.161		1.254	1	-24.568
10	11.554	3.851		1.973		17.364	5.788		1.973	- 8.448
	4.008		646			7.969		644		
	3.562		644			7.325		646		B.M. 11-52
	2.718		1.290	3		6.679		1.290	3	BASE LINE RD. & WHEELER & LA VERNE RD
11	10.088	3.363		2.63		21.973	7.324		2.63	SEE F.B. 1376-48 FOR DESC.
		16.120					24.568		2.63	
									0.526	
									0.50mi	
										SUMMATION OF RUN B.M. 11-54 TO B.M. 11-52
										DIFF IN ELEVATION B.M. 11-54 TO B.M. 11-53 +6.187
										" " 11-53 TO B.M. 11-52 -8.448

F.B. 2222 PG. 291

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather OVERCAST Inst. No Nr. 142552
Notes by G.E. DREIER Time 11:45 TO 12:00 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-52 To B.M. 11-54
Date 2-24-58
Indexed C. JOHNSON

F.B. 2422 P.G. 292

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.983		645		#15	4.021		643		B.M. 11-52
	7.338		644			3.378		644		BASE LINE RD. & WHEELER-LAVERNE RD
	6.694		1.289			2.734		1.287		SEE F.B. 1376-48 FOR DESC.
1	22.015	7.338		1.289		10.133	3.375		1.287	
	6.257		628			4.313		626		
	5.629		627			3.692		623		J. MOODY
	5.002		1.255			3.069		1.249		
2	16.888	5.629		2.544		11.079	3.693		2.536	
	6.590		629			5.187		625		
	5.961		628			4.562		622		
	5.333		1.257			3.940		1.247		
3	17.884	5.961		3.801		13.689	4.563		3.783	
	6.029		627			4.877		625		+ 24.331
	5.402		624			4.252		623		- 15.887
	4.778		1.251			3.629		1.248		+ 8.444
4	16.209	5.403		5.052		12.758	4.253		5.031	
		24.331					15.887		5.052	B.M. 11-53 F.C.B.M. 94-36
									10.083	BASE LINE RD. & MARSHALL CN. WASH
									-0.194	SEE F.B. 1376-49 FOR DESC.

76F526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. Nr. 142552
Notes by G. E. DREIER Time 1:00 TO 1:25 Rod No. 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-52 To B.M. 11-54
Date 2-24-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.571		362			5.575		359		
	4.209		360			5.216		359		
	3.849		722			4.857		718		
5	12.629	4.210		-722		15.648	5.216		.718	
	5447		625			5.738		627		
	4.822		623			5.111		627		
	4.199		1.248			4.484		1.254		
6	14.468	4.823		1.970		15.333	5.111		1.972	
	6.089		626			6.369		625		
	5.463		625			5.744		623		
	4.838		1.251			5121		1.248		
7	16.390	5.463		3.221		17.234	5.745		3.220	
	5.387		628			5.885		623		
	4.759		627			5.262		621		
	4.132		1.255			4.641		1.244		
8	14.278	4.759		4.476		15.788	5.263		4.464	
	6.018		626			6227		625		
	5.392		625			5.602		623		
	4.767		1.251			4.979		1.248		
9	16.177	5.392		5.727		16.808	5.603		5.712	
		24.647					26.938			

F.B. 2422 P.G. 293

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. NR 142552
Notes by G. E. DREIER Time 1:00 TO 1:25 Rod No 15 & 16

Name FRICK RANCH REG. PARK
Job No. 0055.22
From B.M. 11-52 To B.M. 11-54
Date 2-24-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.368	24.647	626	5.727		6.557	26.938	626	5.712	
	4.742		624			5.931		624		+33.772
	4.118		1.250			5.307		1.250		-39.968
10	14.228	4.743		6.977		17.795	5.932		6.962	- 6.196
	5.007		626			7.722		624		
	4.381		623			7.098		623		B.M. 11-54
	3.758		1.249			6.475		1.247		BASELINE RD. & EMERALD AVE
11	13.146	4.382		8.226		21.295	7.098		8.209	SEE F.B. 1376-50 FOR DESC.
		33.772					39.968		8.226	
									16.435	
									0.131mi	
										SUMMATION OF RUN B.M. 11-52 TO B.M. 11-54
										DIFF IN ELEVATION B.M. 11-52 TO B.M. 11-53 +8.444
										B.M. 11-53 TO B.M. 11-54 -6.196

F.B. 2422 P.G. 294