Survey of L.A.Co. Precise Level Net F.B. 2879 PG. 5
JN 0301.02 Tape Std °F
Surveyed by: FE Brooks
Notes FEB. Date Aug 1972
Indexed C.J. GALU SEP 13 '82

JN 0301.02

PRECISE LEVEL NET

LINE 202

Section 3 cont.

Section	F.B.	2878	pg	5	To pg	70
2	"	"		71	" "	142 *
3	"	"		143	" "	248
"	"	2879	"	5	" "	102 *

[illegible] 1 [illegible] thru 202-13
[illegible] 2 202-1[illegible] " 202-24
[illegible] 3 202-2[illegible] " 202-55

[illegible] BM 202-22, 23 F.B. 2878 - 251, 252
BM 202-46, 47 " " 255, 256

F.E. Brooks
J.M. Maldonado
G.E. Cook
A.O. Beck

* microfilmed. March

F.B. 2819 PG 16

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:10–12:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-39 To BM 202-40
Date 17 Aug 1962
Indexed C. J. GALLI SEP 1 3 '62

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	1.252		.046		#19	7.885		.043		BM 202-39, Agua Dulce Canyon Rd 0.58 mi S. of Davenport Rd.
	1.206		.046			7.842		.042		
	1.160		.092			7.800		.085		
	3.618	1.2060		.092	102°	23.527	7.8423		.086	FB 2878-157
2	0.668		.071			9.961		.072		T Cook
	0.597		.070			9.889		.071		
	0.527		.141			9.818		.143		
	1.792	0.5973		.233		29.668	9.8893		.228	
3	0.960		.071			9.258		.075		
	0.889		.070			9.183		.072		
	0.819		.141			9.111		.147		
	2.668	0.8893		.374		27.552	9.1840		.375	
4	2.442		.074			10.420		.071		
	2.368		.076			10.349		.071		
	2.292		.150			10.278		.142		
	7.102	2.3673		.524		31.047	10.3490		.517	
5	1.681		.071			9.132		.073		
	1.610		.092			9.059		.092		
	1.538		.147			8.987		.145		
	4.829	1.6097		.667		27.178	9.0593		.662	
		1.6096					46.3236			

F.B. 2879 P.G.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:10 - 12:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-39 To BM202-40
Date 17 Aug 1962
Indexed C. I. GALLI

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	1.680	1.6696	.071	.667		9.170	9.1639	.073	.662	
	1.609		.073			9.097		.076		
	1.536		.144			9.021		.149		
	4.825	1.6083		.811		27.288	9.0960		.811	
7	1.740		.072			9.128		.074		
	1.668		.074			9.054		.073		
	1.594		.146			8.981		.147		
	5.002	1.6673		.959		27.163	9.0543		.958	
8	1.295		.073			9.213		.074		
	1.222		.070			9.139		.076		
	1.152		.143			9.063		.150		
	3.669	1.2230		1.100		27.415	9.1383		1.108	
9	1.432		.072			8.870		.072		
	1.360		.072			8.798		.076		
	1.288		.144			8.722		.148		
	4.080	1.3600		1.244		26.390	8.7967		1.256	
10	1.602		.072			8.845		.074		
	1.530		.072			8.771		.073		
	1.458		.144			8.698		.147		
	4.590	1.5300		1.388		26.314	8.7713		1.403	
		14.0582					91.1805			

F.B. 2879 P.G. 8

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:10 - 12:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 202-39 To BM 202-40
Date 17 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean (H.I.)	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	1.505	14.0582	.074	1.388		9.090	9.1805	.072	1.403	
	1.431		.073			9.018		.073		
	1.358		.147			8.945		.145		
	4.294	1.4313		1.535		27.053	9.0177		1.548	
12	1.711		.072			8.747		.074		
	1.639		.076			8.673		073		
	1.563		.148			8.600		.147		
	4.913	1.6377		1.683		26.020	8.6733		1.695	
13	2.050		.072			9.016		.075		
	1.978		.074			8.941		.071		
	1.904		.146			8.870		.146		
	5.932	1.9773		1.829		26.827	8.9423		1.841	
14	2.247		.075			7.732		.072		
	2.172		.072			7.660		.072		
	2.100		.147			7.588		.144		
	6.519	2.1730		1.976		22.980	7.6600		1.985	
15	3.361		.072			6.692		.073		
	3.289		.071			6.619		.072		
	3.218		.143			6.547		.145		
	9.868	3.2893		2.119		19.856	6.6193		2.130	
		24.5668					32.0971			

F.B. 2879 P.G. 9

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:10 - 12:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-39 To BM 202-40
Date 17 Aug 1962
Indexed E. J. GALLI

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
16	2.988	24.5668	.121	2.119		7.763	132.0931	.098	2.130	
	2.867		.122			7.665		.098		
	2.745		.243			7.568		.195		
	8.600	2.8667		2.362		22.996	7.6653		2.325	
17	1.985		.100			9.068		.120		
	1.885		.100			8.948		.120		
	1.785		.200			8.828		.240		
	5.655	1.8850		2.562		26.844	8.9480		2.565	
18	2.360		.110			8.660		.110		
	2.250		.110			8.550		.110		
	2.140		.220			8.440		.220		
	6.750	2.2500		2.782		25.650	8.5500		2.785	
19	2.740		.151			8.368		.149		
	2.589		.150			8.219		.149		
	2.439		.301			8.070		.298		
	7.768	2.5893		3.083		24.657	8.2190		3.087	
20	2.561		.110			9.108		.110		
	2.451		.111			8.998		.110		
	2340		.221			8.888		.220		
	7.352	2.4507		3.304		26.994	8.9980		3303	
		36.6085					174.4734			

F.B. 2879 P.G. 10

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15016
Notes by E. E. Brooks Time 11:10 - 12:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-39 To BM 202-40
Date 17 Aug 1967
Indexed C. J. GALLI

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
21	1.595	36.6085	.110	3.304		8.796	174.4734	.109	3.303	
	1.485		.110			8.687		.112		
	1.375		.220			8.575		.221		
	4.455	1.4850		3.524		26.058	8.6860		3.524	
22	0.821		.082			2.945		.076		Summation of Run From B.M. 202-39 To B.M. 202-40
	0.739		.082			2.869		.078		
	0.659		.164			2.791		.154		
	2.217	0.7390		3.688		20.605	6.8685		3.678	
23	4.596		.033			2.843		.030		BM 202-40 Agua Dulce Canyon Rd 0.31 mi N. of Antelope Valley Freeway See F.B. 2878-15
	4.563		.031			2.813		.030		
	4.532		.064			2.783		.060		
	13.699	4.5639		3.952		8.439	2.8130		3.738	
										Total Backsights = + 43.3962
										Total Foresights = − 192.8407
										Diff. Elev. = −149.4445
										Backsight stadia = 3.752
										Foresight Stadia = 3.738
										Total Stadia = 7.490
										= .47 mi.
		43.3962					192.8407			

F.B. 2879 P.G. 11

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V

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BN 1202-40 To BN 1202-39
Date 17 Aug 1962
Indexed C. J. GAUM

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
	2.808		.031		#19	4.561		.032		BN 1202-40
	2.777		.030			4.529		.032		Agua Dulce Canyon Rd.
1	2.747		.061			4.497		.064		0.31± mi. N. of Antelope
	8.332	2.7773		.061	104°	13.587	4.5290		.064	Valley Freeway See F.B. 2878-15
	6.972		.075			0.847		.084		
	6.897		.077			0.763		.082		T Maldonado
2	6.820		.152			0.681		.166		
	20.689	6.8963		.213		2.291	0.7637		.230	
	8.618		.110			1.420		.111		
	8.508		.110			1.309		.109		
3	8.398		.220			1.200		.220		
	25.524	8.5080		.433		3.929	1.3097		.450	
	9.029		.111			2.478		.110		
	8.918		.111			2.368		.109		
4	8.807		.222			2.259		.219		
	26.754	8.9180		.655		7.105	2.3683		.669	
	8.373		.146			2.748		.150		
	8.227		.147			2.598		.150		
5	8.080		.293			2.448		.300		
	24.680	8.2267		.948		7.794	2.5980		.969	
		35.3268					11.5667			

F.B. 2879 P.6
12

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 1:15 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 402-40 To BM 402-39
Date 17 Aug 1962
Indexed C. J. BALL

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	8.868	35.3263	.110	.948		2.568	11.5687	.111	.969	
	8.758		.109			2.457		.113		
	8.649		.219			2.344		.224		
	26.275	8.7583		1.167		7.369	2.4563		1.193	
7	9.042		.109			1.981		.111		
	8.933		.110			1.870		.111		
	8.823		.219			1.759		.222		
	26.798	8.9327		1.386		5.610	1.8700		1.415	
8	7.767		.099			2.990		.120		
	7.668		.098			2.870		.122		
	7.570		.197			2.748		.242		
	23.005	7.6683		1.583		8.608	2.8693		1.657	
9	6.812		.073			3.480		.071		
	6.739		.073			3.409		.071		
	6.666		.146			3.338		.142		
	20.217	6.7390		1.729		10.227	3.4090		1.799	
10	8.203		.082			2.701		.063		
	8.121		.081			2.638		.066		
	8.040		.163			2.572		.129		
	24.364	8.1213		1.892		7.911	2.6370		1.928	
		75.5458					24.8103			

F.B. 2879 P.G. 13

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-40 To BM202-39
Date 17 Aug 1962
Indexed C. J. GALLI

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	9.151	75.5459	.080	1.892		2.178	14.8103	.068	1.928	
	9.071		.079			2.110		.068		
	8.992		.159			2.042		.136		
	27.214	9.0713		2.051		6.330	2.1100		2.064	
12	8.727		.076			1.690		.076		
	8.651		.072			1.614		.074		
	8.579		.148			1.540		.150		
	25.957	8.6523		2.199		4.844	1.6147		2.214	
13	9.100		.073			1.517		.075		
	9.027		.074			1.442		.074		
	8.953		.147			1.368		.149		
	27.080	9.0267		2.346		4.327	1.4423		2.767	
14 F.B. 879 P.G. 14	8.812		.075			1.632		.072		
	8.803		.073			1.560		.073		
	8.730		.148			1.487		.145		
	26.411	8.8037		2.494		4.679	1.5597		2.508	
15	8.843		.073			1.408		.075		
	8.770		.072			1.333		.072		
	8.698		.145			1.261		.149		
	26.311	8.7703		2.639		4.002	1.3340		2.655	
		119.8702					18.8710			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-40 To BM 202-39
Date 1/7/64 C. J. GALLI 1962
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
	9.191	9.1702	.074	2.639		1.272	1.2710	.070	2.655	
	9.117		.076			1.202		.074		
16	9.091		.150			1.128		.144		
	27.349	9.1163		2.789		3.602	1.2007		2.799	
	8.892		.073			1.507		.075		
	8.819		.072			1.432		.072		
17	8.747		.145			1.360		.147		
	26.458	8.8193		2.934		4.299	1.4330		2.946	
	9.016		.094			1.526		.073		
	8.942		.073			1.453		.094		
18	8.869		.147			1.379		.147		
	26.827	8.9423		3.081		4.358	1.4527		3.093	
	8.928		.071			1.478		.075		
	8.857		.073			1.403		.071		
19	8.784		.144			1.332		.146		
	26.569	8.8563		3.225		4.213	1.4043		3.239	
	9.267		.074			1.288		.075		
	9.193		.072			1.213		.073		
20	9.121		.146			1.140		.148		
	27.581	9.1937		3.371		3.641	1.2137		3.387	
		164.798					38.5754			

F.B. 2817 P.G. 45

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03 01.02
From BM 202-40 To BM 202-39
Date 17 Aug 1962
Indexed C.J. GALLI

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
21	9.032	164.7981	.072	3.391		0.739	39.5754	.073	3.387	
	8.960		.071			0.666		.074		
	8.889		.147			0.592		.147		
	26.881	8.9603		3.514		1.997	0.6657		3.534	
22	10.048		.071			0.752		.072		Summation of Run From B.M. 202-40 To B.M. 202-39
	9.977		.075			0.680		.071		
	9.902		.146			0.609		.143		
	29.927	9.9757		3.660		2.041	0.6803		3.677	
23	7.877		.044		#19	1.243		.044		BM 202-39 Agua Dulce Canyon Rd. 0.58 mi. S. of Davenport Rd. See F.B. 2878 - 157
	7.833		.047			1.199		.043		
	7.786		.091			1.156		.087		
	23.496	7.8320		3.751	106°	3.598	1.1993		3.764	
										Total Backsights = + 191.5661
										Total Foresights = − 42.1207
										Diff. Elev. = +149.4454
										Backsight stadia = 3.751
										Foresight Stadia = 3.764
										Total Stadia = 7.515
										= .48 mi.
		191.5661					42.1207			

F.B. 2879 P.G. 16

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by E. E. Brooks Time 2125 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-40 To BM 202-41
Date 17 Aug 1962
Indexed G. J. GALLI

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
	2.659		.040		#19	6.024		.042		BM 202-40
	2.619		.039			4.982		.042		Agua Dulce Canyon Rd
	2.580		.079			4.940		.084		0.31 mi. N. of Antelope Valley
	7.858	2.6193		.079	102°	14.946	4.9820		084	Freeway See F.B. 2878-159
										BM 202-41
										Agua Dulce Canyon Rd 0.31 mi.
										N of Antelope Valley Freeway
										See F.B. 2878 / 159
										R Maldonado.
										Summation of Run
										From B.M. 202-40
										To B.M. 202-41
										Total Backsights = 7.6193
										Total Foresights = 4.9820
										Diff. Elev. = 2.3627
										Backsight stadia = .079
										Foresight Stadia = .084
										Total Stadia = .163
										= .01 mi.

F.B. 2877 P.G. 17

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-41 To BM 202-40
Date 17 Aug 1962
Indexed C. i GAIN

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
	4.917		.043		#19	2.601		.040		BM 202-41
	4.924		.041			2.561		.039		Agua Dulce Canyon Rd 0.71 mi. N
	4.883		.084			2.522		.079		of Antalope Valley Freeway
	14.774	4.9247		.084	100°	7.684	2.5613		079	See F.B. 2878 - 159
										BM 202-40
										Agua Dulce Canyon Rd 0.71 mi.
										N. of Antalope Valley Freeway
										See F.B. 2878 - 159
										T Maldonado
						Summation of Run From B.M. 202-41 To B.M. 202-40				Total Backsights = + 4.9247
										Total Foresights = - 2.5613
										Diff. Elev. = + 2.3634
										Backsight stadia = .084
										Foresight Stadia = 079
										Total Stadia = .163
										= .01 mi.

F.B. 2878 P.G. 18

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:40 – 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-41 To BM 202-42
Date 21 Aug 1962
Indexed E. J. GALLI

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
	6.162		.144		#19	3.898		.146		BM 202-41
	5.018		.148			3.752		.142		Agua Dulce Canyon Rd. 0.31 mi.
1.	4.870		.292			3.610		.288		N. of Antelope Valley Freeway
	15.050	5.0167		.292	84°	11.260	3.7533		288	F.B. 2878-159
	7.382		.150			3.148		.147		T. Maldonado
	7.232		.149			3.001		.146		
2.	7.083		.299			2.855		.293		
	21.697	7.2323		.591		9.004	3.0013		.581	
	7.302		.145			3.429		.150		
	7.157		.147			3.279		.147		
3.	7.010		.292			3.132		.297		
	21.469	7.1563		.883		9.840	3.2800		.878	
	7.090		.150			3.462		.142		
	6.940		.148			3.318		.149		
4.	6.792		.298			3.171		.291		
	20.822	6.9407		1.181		9.951	3.3170		1.169	
	7.101		.147			1.730		.148		
	6.954		.145			1.582		.145		
5.	6.809		.292			1.437		.293		
	20.864	6.9547		1.473		4.749	1.5830		1.462	
		33.3007					14.9346			

F.B. 2877 P.G. 19

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:40 - 10:20 Rod No. 19-20

Name
Job No. 0301.02
From BM 202-41 To BM 202-42
Date 21 Aug 1962
Indexed C. J. GALLI

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	7.291	7.3007	.072	1.473		3.032	1.4946	.073	1.462	
	7.219		.072			2.959		.072		
	7.147		.144			2.887		.145		
	21.657	7.2190		1.617		8.878	2.9593		1.407	
7	9.311		.109			1.499		.110		
	9.202		.112			1.389		.111		
	9.090		.221			1.278		.221		
	27.603	9.2010		1.838		4.166	1.3887		1.828	
8	8.781		.144			2.104		.146		
	8.637		.148			1.958		.148		
	8.489		.292			1.816		.294		
	25.907	8.6357		2.130		5.872	1.9573		2.122	
9	7.083		.146			4.463		.150		
	6.937		.149			4.313		.150		
	6.788		.295			4.163		.300		
	20.808	6.9360		2.425		12.939	4.3130		2.422	
10	6.050		.150			7.029		.150		
	4.900		.149			6.879		.150		
	4.751		.299			6.729		.300		
	14.701	4.9003		2.924		20.637	6.8790		2.722	
		70.1927					32.4319			

F.B. 879 P.G. 20

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:40 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-41 To BM202-42
Date 21 Aug 1962
Indexed C. J. GALLI

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	3.260	70.1927	.153	2.724		8.638	32.4319	.145	2.722	
	3.607		.155			8.493		.142		
	3.452		.308			8.351		.287		
	10.819	3.6063		3.032		25.482	8.4940		3.009	
12	1.639		.110			9.421		.113		
	1.529		.110			9.308		.111		Summation of Run
	1.419		.220			9.197		.224		From B.M. 202-41
	4.587	1.5290		3.252		27.926	9.3087		3.233	To B.M. 202-42
13	0.423		.113			10.142		.111		
	0.310		.112			10.031		.111		Total Backsights = + 79.3690
	0.198		.225			9.920		.222		Total Foresights = − 76.6743
	0.931	0.3103		3.477		30.093	10.0310		3.455	Diff. Elev. = + 2.6947
14	2.118		.075			8.638		.076		Backsight Stadia = 3.792
	2.043		.073			8.562		.073		Foresight Stadia = 3.770
	1.970		.148			8.489		.149		Total Stadia = 7.562
	6.131	2.0437		3.625		25.689	8.5630		3.604	= .48 mi.
15	1.770		.082		#19	7.928		.081		BM 202-42, 0.11± Mi So.
	1.688		.085			7.847		.085		Antelope Trwy & 14.5± ft. East
	1.603		.167			7.762		.166		of Augua Dulce Cnyn Rd
	5.061	1.6870		3.792	84°	23.537	7.8457		3.770	FB 2878-161
		79.3690					76.6743			

F.B. 2879 P.G. 21

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15466
Notes by F. E. Brooks Time 10:55 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-42 To BM 202-41
Date 21 Aug 1962
Indexed C. J. GALLI

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	7.848		.085		#19	1.690		.081		BM 202-42, 0.11± Mi So. Antelope Fwy & 14.5± ft East & Agua Dolce Cnyn Rd.
	7.763		.083			1.609		.082		
	7.680		.168			1.527		.163		
	23.291	7.7637		.168	88°	4.826	1.6087		.163	FB 2878 - 16
2	8.635		.095			2.114		.074		T Cook
	8.560		.072			2.040		.073		
	8.488		.147			1.967		.147		
	25.683	8.5610		.315		6.121	2.0403		.310	
3	10.240		.113			0.518		.110		
	10.127		.117			0.408		.110		
	10.010		.230			0.298		.220		
	30.377	10.1257		.545		1.224	0.4080		.530	
4	8.628		.115			0.848		.113		
	8.513		.113			0.735		.112		
	8.400		.228			0.623		.225		
	25.541	8.5137		.773		2.206	0.7353		.755	
5	9.000		.144			4.130		.161		
	8.856		.146			3.969		.162		
	9.710		.290			3.807		.323		
	26.566	8.8553		1.063		11.906	3.9687		1.078	
		43.8194 ✓					8.7610 ✓			

F.B. 2879 P.G. 22

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 16066
Notes by F. E. Brooks Time 10:55 - 11:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-42 To BM 202-41
Date 21 Aug 1962
Indexed B. J. GALLI

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	7.090	43.8194	.151	1.063		5.109	8.7610	.149	1.078	
	6.939		.150			4.960		.150		
	6.789		.301			4.810		.299		
	20.818	6.9393		1.364		14.879	4.9597		1.377	
7	4.762		.150			7.384		.150		
	4.612		.147			7.234		.147		
	4.465		.297			7.087		.297		
	13.839	4.6130		1.661		21.705	7.2350		1.674	
8	2.111		.146			8.788		.146		
	1.965		.146			8.642		.143		
	1.819		.292			8.499		.289		
	5.895	1.9650		1.953		25.929	8.6430		1.963	
9	1.622		.110			9.439		.112		
	1.512		.110			9.327		.114		
	1.402		.220			9.213		.226		
	4.536	1.5120		2.173		27.979	9.3263		2.189	
10	3.014		.073			7.272		.072		
	2.941		.072			7.200		.073		
	2.869		.145			7.127		.145		
	8.824	2.9413		2.318		21.599	7.1997		2.334	
		11.7900					44.1247			

F.B. 2879 P.G. 23

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear
Time 10:55 - 11:30
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-42 To BM 202-41
Date 21 Aug 1962
Indexed C. J. GALLI

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	1.825	61.7900	.147	2.318		7.198	46.1249	.147	2.334	
	1.678		.149			7.051		.148		
	1.529		.296			6.903		.295		
	5.032	1.6773		2.614		21.152	7.0507		2.629	
12	3.371		.146			1.995		.145		Summation of Run
	3.225		.146			1.850		.148		From B.M. 202-42
	3.079		.292			1.702		.293		To B.M. 202-41
	9.675	3.2250		2.906		20.547	6.8490		2.922	
13	3.462		.149			7.338		.148		
	3.313		.146			7.190		.144		Total Backsights = + 77.1113
	3.167		.295			7.046		.292		Total Foresights = - 79.8154
	9.942	3.3140		3.901		21.574	7.1913		3.214	Diff. Elev. = - 2.7041
14	3.137		.147			7.370		.151		
	2.990		.148			7.219		.149		Backsight Stadia = 3.785
	2.842		.295			7.070		.300		Foresight Stadia = 3.810
	8.969	2.9897		3.496		21.659	7.2197		3.514	Total Stadia = 7.595
										= .48 mi.
15	4.260		.145			5.528		.148		BM 202-41
	4.115		.144			3.380		.148		Agua Dulce Canyon Rd 0.78mi.
	3.971		.289			5.232		.296		N. of Antelope Valley Freeway
	12.346	4.1153		3.785		16.140	5.3800		3.810	See F.B. 2878-159
		77.1113					79.8154			

F.B. 2878 P.G. 24

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:20-10:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-42 To BM 202-43
Date 21 Aug 1962
Indexed R. J. GALLI

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
	1.412		.094		#19	9.930		.117		BM 202-42, 0.11± Mi So.
	1.318		.098			9.813		.114		Antelope Valley Frwy & 145± Ft
1	1.220		.192			9.699		.231		East of Agua Dulce Cnyn Rd
	3.950	1.3167		.192	84°	29.442	9.8140		.231	FB 2878-161
	3.417		.049			7.199		.048		BM 202-43, 0.12± Mi So.
	3.368		.048			7.151		.048		Antelope Valley Frwy & 145± Ft
2	3.320		.097			7.103		.096		East of Agua Dulce Cnyn Rd
	10.105	3.3683		.289		21.453	7.1510		.327	FB 2878-161
										D. Maldonado
										Summation of Run From B.M. 202-42 To B.M. 202-43
										Total Backsights = + 4.6850 Total Foresights = -16.9650 Diff. Elev. = -12.2800
										Backsight stadia = 289 Foresight Stadia = 327 Total Stadia = 616 -104 m
		4.6850					16.9650			

F.B. 2879 PG. 2

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:50 – 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-43 To BM 202-42
Date 21 Aug 1962
Indexed C. J. GALLI

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	7.188		.047		#19	3.408		.050		BM 202-43, 0.12± Mi So. of Antelope Valley Frwy.
	7.141		.044			3.358		.050		
	7.097		.091			3.308		.100		
	21.426	7.1420		.091	90°	10.074	3.3580		.100	See F.B. 2878-161
2	9.889		.110			1.380		.100		BM 202-42, 0.11± Mi So. of Antelope Valley Frwy
	9.779		.110			1.280		.100		
	9.669		.220			1.180		.200		
	29.337	9.7790		.311		3.840	1.2800		.300	See F.B. 2878-161
										T Cook
										Summation of Run From B.M. 202-43 To B.M. 202-42
										Total Backsights = + 16.9210 Total Foresights = – 4.6380 Diff. Elev. = +12.2830
										Backsight stadia = 311 Foresight Stadia = 300 Total Stadia = 611 = .07 Mi
		16.9210					4.6380			

F.B. 2878 pp 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:25-10:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 030.02
From BM 202-43 To BM 202-44
Date 2 AUG 1962
Indexed J. GALLI

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
	2.541		.079		#19	9.947		.057		BM 202-43, 0.12± Mi So.
	2.462		.078			9.890		.059		of Antelope Frwy & 165± ft
1	2.384		.157			9.831		.116		E of Agoa Dulce Cnyn Rd
	7.387	2.4623		.157	84°	29.668	9.8893		.116	FB 2878 - 161
	1.899		.062			9.482		.062		T Maldonado
	1.837		.065			9.420		.062		
2	1.792		.127			9.358		.124		Summation of Run
	5.508	1.8360		.284		28.260	9.4200		.240	From B.M. 202-43
										To B.M. 202-44
	1.564		.063			10.343		.072		
	1.501		.062			10.271		.071		Total Backsights = + 11.0989
3	1.439		.125			10.200		.143		Total Foresights = - 34.1089
	4.504	1.5013		.409		30.814	10.2713		.383	Diff. Elev. = - 23.0100
	5.348		.049			4.578		.050		BM 202-44, 0.11± Mi So.
	5.299		.048			4.528		.049		Antelope Valley Frwy &
4	5.251		.097			4.479		.099		75°± ft West of E Agoa
	15.898	5.2993		.506	90°	13.585	4.5283		.482	Dulce Cnyn Rd.
										FB 2878 - 161
										Backsight stadia = .506
										Foresight Stadia = .482
										Total Stadia = .988
		11.0989					34.1089			= .06 m.

F.B. 2877 PG. 27

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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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:35 - 10:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-44 To BM 202-43
Date 29 Aug 1962
Indexed C. J. CARLI

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	4.703		.050		#19	5.473		.048		BM 202-44, 0.11± Mi. So. Antelope Valley Frwy & 75°± Ft West of Agua Dulce Canyon Rd. See F.B. 2878-161
	4.653		.050			5.425		.047		
	4.603		.100			5.378		.095		
	13.959	4.6530		.100	90°	16.276	5.4253		.095	
2	11.042		.073			2.258		.060		T Cook
	10.969		.071			2.198		.060		Summation of Run From B.M. 202-44 To B.M. 202-43
	10.898		.144			2.138		.120		
	32.909	10.9697		.244		6.594	2.1980		.215	
3	9.758		.063			2.173		.063		Total Backsights = + 34.9710
	9.695		.062			2.110		.063		Total Foresights = − 11.9576
	9.633		.125			2.047		.126		Diff. Elev. = 23.0134
	29.086	9.6953		.369		6.330	2.1100		.341	
4	9.704		.051			2.308		.085		BM 202-43, 0.12± Mi So Antelope Frwy & 195°± Ft East of Agua Dulce Canyon Rd
	9.653		.051		#19	2.223		.081		
	9.602		.102			2.142		.166		
	28.959	9.6530		.471	90°	6.673	2.2243		.507	See F.B. 2878-161
										Backsight stadia = .471
										Foresight Stadia = .507
										Total S = .978
										= .06 mi
		34.9710					11.9576			

F.B. 2879 - P.G. 23

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 10:45 - 11:45 Rod No. 788

Name L.A. CO. PRECISE NET
Job No. 0301.03
From 202-44 To 202-46
Date 8-30-62
Indexed C. J. GALLI

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	4.800		.238			9.783		147		BM 202-44 0.1 MI SO. ANTELOPE VALLEY FREEWAY ± 75' ± WEST & AQUA DULCE RD. SEE F.B. 2878-161.
	4.562		.235			9.636		148		
	4.327	✓	.473			9.488	✓	295		
	13.689	4.5630		.473		28.907	9.6357		.295	
2	2.470		130			7.610		167		T. GLIDDEN
	2.340		130			7.443		163		
	2.210	✓	260			7.280	✓	330		
	7.020	2.3400		.733		22.333	7.4443		.625	
3	4.729		130			5.008		164		
	4.599		133			4.844		162		
	4.466	✓	263			4.682	✓	326		
	13.794	4.5980		.996		14.534	4.8447		.951	
4	0.503		141			8.622		152		
	0.362		143			8.470		150		
	0.219	✓				8.320	✓	302		
	1.084	0.3613	284	1.280		25.412	8.4707		1.253	
5	3.662		151			6.678		145		
	3.511		148			6.533		146		
	3.363	✓	299	✓		6.387	✓	291	✓	
	10.536	3.5120	✓	1.579		19.598	6.5327		1.544	
		15.3743	✓				36.9281	✓		

F.B. 2878 P.G. 29

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RS.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 10:45 - 11:45 Rod No. 788

Name L.A. Co PRECISE NET
Job No. 0301.02
From 202-44 To 202-45
Date 8-30-62
Indexed C.J. GALLI

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	5.183	1.53743	148	1.579		6.931	36.9281	146	1.544	
	5.035		147			6.791		143		
	4.888		295			6.648		289		
	15.106	5.0353		1.874		20.376	6.7920		1.833	
7	3.283		142			9.027		145		
	3.141		143			8.882		143		
	2.998		285			8.739		288		
	9.422	3.1407		2.159		26.648	8.8827		2.171	
8	3.350		145			9.010		147		
	3.205		145			8.863		147		
	3.060		290			8.716		294		
	9.615	3.2050		2.449		26.589	8.8630		2.415	
9	2.168		113			8.879		112		
	2.055		113			8.767		110		
	1.942		226			8.651		222		
	6.165	2.0550		2.675		26.302	8.7677		2.697	
10	2.483		115			8.367		114		
	2.368		112			8.253		112		
	2.256		227			8.141		226		
	7.107	2.3690		2.902		24.761	8.2537		2.863	
		31.1792					78.4872			

F.B. 2879 PG. 30

76P526-CE 379—10-57

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RS.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A C GUIZADO Weather CLEAR Inst. No. 18161
Notes by R D SMITH Time 10:45 - 11:45 Rod No. 748

Name L.A. CO PRECISE NET
Job No. 0301.02
From 202-44 To 202-45
Date 8-30-62
Indexed C. J. GALLI

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	1.653	31.1792	151	2.902		11.041	78.4872	154	2.863	
	1.502		153			10.887		157		
	1.349		304			10.730		311		
	4.504	1.5013		3.206		32.658	10.8860		3.174	
12	1.702		145			9.791		141		
	1.557		147			9.650		140		
	1.400		292			9.510		281		
	4.669	1.5563		3.498		28.951	9.6503		3.455	
13	6.106		148			7.008		147		
	5.958		149			6.861		145		
	5.809		297			6.716		292		
	17.873	5.9577		3.795		20.585	6.8617		3.747	
14	4.363		153			5.770		140		
	4.210		155			5.630		140		
	4.055		308			5.490		280		
	12.628	4.2093		4.101		16.890	5.6300		4.077	
15	4.967		146			5.613		145		
	4.821		147			5.468		147		
	4.674		293			5.321		292		
	14.462	4.8207		4.396		16.402	5.4673		4.319	
		4.9224					16.9825			

F.B. 2879, P.G. 34

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✓ RS.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 10:45 - 11:45 Rod No. 7 & 8

Name L.A. Co. PRECISE NET
Job No. 0301.02
From 202-44 To 202-45
Date 8-30-62
Indexed C. J. GALLI

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
16	4.830	49.224	147	4.394		6.687	116.9825	147	4.319	Summation of Rum
	4.683		145			6.540		149		BM 202-44 to 45
	4.538		293			6.391		296		TOTAL BACKSIGHT = 60.914
	14.051	4.6833		4.687		19.618	6.5393		4.615	" FORESIGHT = 142.9318
17	4.241		149			8.490		148		Diff ELEV = -82.0169
	4.092		147			8.342		150		BS. Stad. = 5017
	3.945		296			8.192		298		F.S. Stad = 5116
	12.278	4.0927		4.983		25.024	8.3413		4.918	Total = 10133 Dist = .64 mi
18	2.980		.066			11.121		053		BM 202-45
	2.914		.066			11.068		051		L&T ON BRIDGE # B1023
	2.848		.132			11.017		104		SEE F.B 2878-163
	8.742	2.9140		5.115		33.206	11.0687		5.017	
11	11.642	60.914	056			6.083	142.9318	077		BM 202-46
	11.586		058			6.006		078		L&T STAMPED B.M. IH
	11.528		.114			5.928		155		LEAD ON BRIDGE # B1023
	34.756	11.5853		.114		18.017	6.0057		.155	SEE F.B 2878-163
	-	6.0057								
	Diff/ELEV = +5.5796									
										FS. Stad = .114
										Total = .269 = .02 mi.

F.B. 2879 P.G. 72

5.229

5.112
5.229
10.401 = 0.66 Mi

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. QUIZADO Weather CLEAR Inst. No. 1816
Notes by R.D.S. Time 9:30 - 11:00 Rod No. 748

Name L.A. CO. PRECISE NET
Job No. 0301.03
From 202-46 To 202-44
Date 8-31-62
Indexed E. J. GALLI

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
	6.346		0.82		#7	11.910		0.66		B.M. # 202-46
	6.264		0.81			11.844		0.66		AGUA DULCE Cn Rd
1	6.183		163			11.778		.132		
	18793	6.2643		163		35532	11.8440		132	SEE F.B. 2878-163.
	11.069		0.52			2932	62643	0.66	163	B.M. # 202-45
	11.017		0.50			2.866	5.5797	0.65	294	AGUA DULCE Cn Rd
2	10.967		102			2.801		131	=.02m	
	33059	11.0177		102		8599	2.8663		131	SEE F.B. 2878-163
	8.487		.149			4.230		.148		
	8.338		.149			4.082		.149		
3	8.189		298			3.933		297		
	25014	8.3380		400		12245	4.0817		428	
	6.760		149			4907		147		
	6.611		149			4.760		147		
4	6.462		298			4.613		294		
	19833	6.6110		698		14280	4.7600		722	
	5.698		148			5.048		149		
	5.550		148			4.899		147		
5	5.402		296			4.752		296		
	16650	5.550		994		14699	4.8997		1018	
		16.5167					16.6077			

F.B. 2878, P.G. 33

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A C GUIZADO Weather CLEAR Inst. No. 18161
Notes by RDS. Time 9:35 - 11:00 Rod No. 7 & 8

Name L.A. CO PRECISE NET
Job No. 0301.02
From 202-46 To 202-44
Date 8-31-62
Indexed C. J. GALLI

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	5.865	31.5167	147	994	#7	4.448	16.6077	149	1.018	
	5.718		148			4.299		148		
	5.570		195			4.151		197		
	17.153	5.7177		1.189		12.898	4.2993		1.215	
7	6.932		146			6.028		147		
	6.786		147			5.881		149		
	6.639		293			5.732		296		
	20.357	6.7857		1.482		17.641	5.8803		1.511	
8	9.749		141			1.662		147		
	9.608		140			1.515		147		
	9.468		281			1.368		294		
	28.825	9.6083		1.763		4.545	1.515		1.805	
9	10.698		156			1.308		151		
	10.542		154			1.157		154		
	10.388		310			1.003		305		
	31.628	10.5427		2.073		3.468	1.1560		2.110	
10	8.197		112			2.822		114		
	8.085		114			2.208		116		
	7.971		226			2.092		230		
	24.253	8.0843		2.299		6.622	2.2073		2.340	
		72.2554					31.6656			

FB 2879 P.G. 34

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 1816
Notes by R.D.S Time 9:35 – 11:00 Rod No. 7 & 8

Name L.A.Co PRECISE NET
Job No. 0301.02 W.O.
From 202-46 To 203-44
Date 8-31-62
Indexed H. J. GALLI

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	8.769	722552	110	2.299	#7	2.056	31.6656	114	2.340	
	8.659		110		94°	1.942		112		
	8.549		220	5		1.830		226		
	25.977	8.6590		2.419		5.828	1.9427		2.566	
12	8.522		147			2.865		146		
	8.375		147			2.719		146		
	8.228	50	294	8		2.573		292		
	25.124	8.3747		2.413		8.157	2.7190		2.858	
13	8.891		141			3.148		146		
	8.750		142			3.002		144		
	8.608		283	30		2.858		290		
	26.249	8.7497		2.896		9.008	3.0027		3.148	
14	6.825		143			5.075		148		
	6.682		143			4.927		147		
	6.539		286	3		4.780		295		
	20.046	6.6820		3.302		14.782	4.9273		3.443	
15	6.708		145			3.683		150		
	6.563		144			3.533		150		
	6.419		289	6		3.383		300		
✓	19.690	6.5633		3.571		10.599	3.5330		3.743	
		111.284					17.7903			

F.B. 2879 P.G. 35

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 9:35 - 11:00 Rod No. 7 & 8

Name L.A. CO PRECISE NET
Job No. 0301.02
From 202-46 To 202-44
Date 8-31-62
Indexed C. J. GALLI

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
16	8.445	111.2843	144	3.571	#7	0.823	47.7903	133	3.743	Summation of Run
	8.301		146		94°	0.690		135		BM 202 45 to BM 202-44
	8.155		290	9		0.555		268		
	24.901	8.3003		3.861		2.068	0.6893		4.011	Total Backsight - 142.2488 90
17	5.762		144			5.028		163		Foresight = 60.2123 7
	5.618		147			4.865		163		Diff/Elev = +82.0365 3
	5.471		291			4.702		326		
	16.851	5.6170		4.152		14.594	4.8647 50		4.337	
18	7.410		147			2.310		150		
	7.263		145			2.160		149		
	7.118		292	5		2.011		299		
	21.791	7.2637		4.444		6.481	2.1603		4.636	
19	9.993		209			4.883		175		B.M. 202-44
	9.784		210			4.708		176		Agua Dulce Cn Rd
	9.574		419	9		4.532		351		
	29.351	9.7837		4.863		14.123	4.7077		4.987	SEE F.B 2878-161
				163					132	
									4963	
									9950	= .63 mi.
		142.2488 90		5.026			60.2123 7		132	
									10.145	= 0.64 mi

F.B. 2879 P.G. 36

76P526-CE 379—10-57

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Chief of Party A.C. Guizado Weather Clear Inst. No. 1816
Notes by ACG Time 10:10 to 11:15 Rod No. 188

Name LA Co. Precise Level Net
Job No. 0301.02
From BM 202-44 To BM 202-45
Date 9-4-62
Indexed B. J. GALLI

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	4628		045		87	4623		035		BM 202-44
	4583		046			4588		033		ANTELOPE VALLEY FRWY.
	4537					4555				SEE F.B. 2878-16 FOR DISC.
	13748	4.5827		0.091	86	13766	4.5887		0.088	
2	4597		170			9643		147		
	4627		167			9496		148		T E.D. Smith
	4260		337			9348		295		
	13284	4.4280		0.428		28487	9.4957		0.383	
3	2353		148			7455		148		
	2205		148			7307		148		
	2057		296			7159		296		
	6615	2.2050		0.724		21921	7.3070		0679	
4	4978		150			5636		145		
	4828		149			5491		142		
	4679		299			5349		287		
	14485	4.8283		1.023		16476	5.4920		0966	
5	1511		162			9208		161		
	1349		160			9047		160		
	1189		322			8887		321		
	4049	1.3497		1345		27142	9.0473		1287	
		17.3937					35.9307			

F.B. 2879 P.G. 37

LOS ANGELES COUNTY ENGINEER
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by A.C.G. Time 10:10 to 11:15 Rod No. 7 & 8

Name LA. Co. PRECISE LEVEL
Job No. 0301.02
From BM 202-44 To BM 202-45
Date 8-4-62
Indexed C. J. GALLI

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
	3761	17.3937	149	1345		6786	35.7907	146	1287	
	3612		148			6640		149		
	3464		297			6491		295		
6	10837	36125		1642		19917	66350		1582	
	5025		145			6780		147		
	4880		145			6633		145		
	4735		290			6488		292		
7	14640	48800		1932		19901	66337		1874	
	3120		139			8875		150		
	2981		141			8725		147		
	2840		280			8578		297		
8	8941	29803		2212		26178	87260		2171	
	2828		145			8485		148		
	2683		145			8337		148		
	2538		290			8189		296		
9	8049	26830		2502		25011	83370		2467	
	1904		109			8622		113		
	1795		112			8509		111		
	1683		221			8398		224		
10	5382	17940		2723		25529	85097		2691	
		33,3433					74776			

F.B. 2877 PG. 38

76P526-CE 379—10-57

PLEASE RETURN TO
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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 A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by A.C.G. Time 10:10 TO 11:15 Rod No. 7 & 8

Name L.A. PRECISE LEVEL
Job No. 0301.02
From BM 202-44 To BM 202-45
Date 9-4-62
Indexed C. J. GALLI

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	2218	33.3433	111	2723		8103	74.7761	116	2691	
	2107		111			7987		115		
	1996		222			7872		231		
	6321	21070		2945		23962	7.9873		2922	
12	1.268		151			10657		155		
	1.117		153			10502		154		
	0964		304			10348		309		
	3349	11163		3249		31507	10.5023		3231	
13	1325		145			9416		142		
	1.180		146			9274		143		
	1034		291			9131		285		
	3539	1.1797		3540		27821	92737		3516	
14	5769		145			6675		147		
	5624		146			6528		146		
	5478		291			6382		293		
	16871	56237		3831		19585	65283		3809	
15	4418		147			5835		147		
	4271		146			5688		146		
	4125		293			5542		293		
	12814	42713		4124		17065	56883		4102	
		47.6413					114.7560			

F.B. 2879 P.G. 39

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by A.C.G. Time 10:10 TO 11:15 Rod No. 788

Name L.A. Co PRECISE LEVEL
Job No. 0301.02
From BM 202-44 To BM 202-45
Date 9-4-62
Indexed G. J. GALM

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
	5014	47.6413	147	4124	#7	5665	114.7560	146	4102	SUMMATION OF RUN
	4867		145			5519		147		BM 202-44 to BM 202-45
16	4722		292			5372		293		
	14603	48677		4416		16556	55187		4395	TOTAL BACKSIGHTS = + 63.5803
	4817		145			6677		151		∴ FORESIGHTS = + 145.6054
	4672		142			6526		149		DIFF/ELEV = + 82.0251
	4528		299			6377		300		
17	14017	46723		4715		19580	65267		4695	
	3906		144			8165		150		
	3762		146			8015		150		
	3616		290			7865		300		
18	11284	37613		5005		24045	80150		4995	
	2706		068			10840		052		BM 202-45
	2638		069			10788		049		L&T on BRIDGE #B1023
	2569		137			10739		102		SEE FB 2878 163 FOR DISC.
19	7913	26377		5142		32367	107890		5097	

FB 2879 PG. 40

63.5803 5142 145.6054 5097 5142 10239 ÷ 0.65MI

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C.G. Weather CLEAR Inst. No. 18161
Notes by L.G. Time 1:05 2:05 Rod No. 7E8

Name L.A.Co. PRECISE LEVEL
Job No. 0301.02
From BM 202 46 To BM 202 47
Date 8-30-62
Indexed B. J. GALLI

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
	4.335		150			7.018		146		B.M. 202-46
	4.185		150			6.872		146		L+T STAMPED B.M.
1	4.035		300			6.726		292	292	IN LEAD ON BRIDGE #B1023
	12.555	4.1850		300		20.616	6.8720			SEE F.B. 2878-163
	3837		147			5.890		150		
	3690		147			5740		150		A.R.D. SMITH.
2	3543		294	594		5.590		300	592	
	11.070	3.6900				17.220	5.7400			
	6.350		150			4888		148		
	6.200		150			4740		148		
3	6.050		300	894		4592		296	888	
	18.600	6.2000				14220	4.7400			
	6.097		154			5.588		150		
	5943		151			5438		150		
4	5792		305	1199		5.288		300	1188	
	17.832	5.9440				16.314	5.4380			
	4951		145			7.134		149		
	4806		144			6.985		147		
5	4662		289	1488		6.838		296	1484	
	14.419	4.8063				20.957	6.9857			
		24.8253					29.7757			

F.B. 2879 P.G. 24

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 1:05 To 2:05 Rod No. 7 E 8

Name L.A.Co. PRECISE LEVEL
Job No. 0301.02
From BM 202-46 To B.M 202-47
Date 8-30-62
Indexed C. J. GALLI

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	4.064	2.8253	146	1488		7.467	29.7757	140	1484	
	3918		145			7327		139		
	3.773					7.188				
	11.755	3.9183	291	1779		21.982	7.3273	279	1763	
7	3733		145			6572		144		
	3788		146			6428		144		
	3.648					6284				
	11.363	3.7877	291	2070		19.284	6.4280	288	2091	
8	4.119		148			5890		145		
	3.971		145			5.746		145		
	3.826					5.600				
	11.916	3.9720	293	2363		17.235	5.7450	290	2341	
9	5.093		148			5912		144		
	4.945		145			5.768		145		
	4.800					5623				
	14.838	4.9460	293	2656		17.303	5.7677	289	2630	
10	3.360		128			6.254		121		
	3232		126			6133		121		
	3.106					6.012		242		
	9.698	3.2329	254	2910		18.399	6.1330		2872	
		14.6620					61.1767			

F.B. 2879 P.G. 42

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 1:05 To 2:05 Rod No. 7 & 8

Name LA. Co PRECISE LEVEL
Job No. 0301.02
From BM 202-46 To BM 202-47
Date 8-30-62
Indexed B. J. GALLI

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
	5.378	44.6820	148	2910		6.623	61.1767	144	2877	SUMMATION OF RUN
	5.230		148			6.479		141		BM 202-46 to BM 202-47
	5.082					6.338				
11	15.690	5.230	296	3206		19.440	6.480	285	3157	TOTAL BACKSIGHTS = + 59.1223
	4.357		144			6.586		143		" FORESIGHTS = - 82.5477
	4.213		142			6.443		144		DIFF/ELEV = - 23.4254 *
	4.071					6.299				
12	12.641	4.213	286	3492		19.328	6.443	287	3444	
	5.146		150			8.604		156		BM. 202-47
	4.996		151			8.448		155		L&T STAMPED B.M. IN
	4.845					8.293				HEAD WALL
13	14.987	4.996	301	3793		25.345	8.448	311	3755	SEE F.B. 2878 - 165
										* See re-run F.B. 2878-255, 2879 P.G. 43
		59.1223		3793			82.5477		3755 3793	

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 2:05 - 3:05 Rod No. 748

Name L.A.Co. PRECISE LEVEL
Job No. 03a1a02
From BM202-47 To BM202-46
Date 8-30-62
Indexed C. J. GALLI

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
	8.706		154			5.240		151		BM 202-47
	8.552		156			5.089		150		L+T STAMPED B.M. IN
1	8.396					4.939				HEAD WALL
	25.654	8.551	310	310		15.268	5.089	301	301	SEE F.B 2878-165
	6.471		143			4.262		140		
	6.348		146			4.122		140		
2	6.202					3.982				T.R.D SMITH
	19.041	6.347	289	599		12.366	4.122	280	581	
	6.410		143			5.160		149		
	6.267		143			5.011		147		
3	6.124					4.864				
	18.801	6.267	286	885		15.035	5.011	296	877	
	6.198		123			3.308		126		
	6.075		123			3.182		127		
4	5.952					3.055				
	18.225	6.075	246	1031		9.545	3.181	153	1030	
	5.958		146			5.130		146		
	5.812		144			4.984		145		
5	5.668					4.839				
	17.438	5.812	290	1321		14.953	4.984	291	1321	
		33.0530					22.3890			

F.B. 2878 P.G. 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 2:05 TO 3:05 Rod No. 76 8

Name L.A.CO. PRECISE LEVEL
Job No. 0301.02
From BM 2041 To BM 2026
Date 8-30-63
Indexed C.J. GALLI

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
	6.078	33.0530	149	1321		4.307	22.3890	145	1321	
	5.929		146			4.162		144		
	5.783					4.018				
6	17.790	5.930	295	1610		12.487	4.1623	289	1610	
	6.517		144			3.874		146		
	6.373		143			3.728		146		
	6.230					3.582				
7	19.120	6.3733	287	1903		11.184	3.7280	292	1902	
	7.080		142			3.677		147		
	6.938		141			3.530		144		
	6.797					3.386				
8	20.815	6.9383	283	2186		10.593	3.5310	291	2193	
	6.848		146			4.662		147		
	6.702		145			4.515		147		
	6.557					4.368				
9	20.107	6.7023	291	2477		13.545	4.5150	294	2487	
	5.479		152			5.991		153		
	5.327		149			5.838		153		
	5.178					5.685				
10	15.984	5.328	230	2778		17.514	5.8380	306	2793	
		64.3249					44.1633			

F.B. 8379 P.G. 45

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 2:05 TO 3:05 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL
Job No. 0301.02
From BM202-47 To BM202-46
Date 8-30-62
Indexed C. J. GALLI

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
	4.334	64.3249	149	2778		6.286	44.1633	152	2793	Summation of Run
	4.685		147			6.134		150		BM 202-47 to BM 202-46
11	4.538					5.984				
	14.057	4.6857	296	3074		18.404	6.1347	302	3095	TOTAL BACKSIGHT = 81.6776
	5.853		149			3.805		146		" FORESIGHT = 58.2260
	5.704		151			3.659		149		Diff/elev = +23.4516 *
12	5.553					3.510				
	17.110	5.7033	300	3374		10.974	3.6580	295	3390	* See re-run FB 2878-255, 256
	7.110		147			4.420		150		
	6.963		145			4.270		150		
13	6.818					4.120				
	20.891	6.9637	292	3666		12.810	4.2700	300	3690	BM. 202-46
										LET IN BRIDGE # B1023
										SEE F.B. 2878-163 FOR DISC.
		81.6776		3666			58.2260			

3690
3666
7356 = 0.46 MI

E.B. 2879 P.G. 46

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. Guizado Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 11:10 - 12:20 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL
Job No. 0301.02
From 202-46 To 202-47
Date 8-31-63
Indexed C. J. GALLI

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	3.982		150		#7	6.665		143		B.M. 202-46 (LACoBO #7)
	3.832		151		95°	6.522		144		LFT IN BRIDGE.
	3.681		301			6.378		287		
	11.495	3.8317		301		19.565	6.5217		287	SEE F.B. 2878-16
2	3.609		149			5.658		150		
	3.460		149			5.508		149		
	3.311		298			5.359		299		
	10.380	3.4600		599		16.525	5.5083		586	
3	5.996		149			4.540		150		
	5.847		149			4.390		150		
	5.698		298			4.240		300		
	17.541	5.8470		897		13.170	4.3900		886	
4	5.634		153			5.122		150		
	5.481		152			4.972		147		
	5.329		305			4.825		297		
	16.444	5.4813		1202		14.919	4.9730		1183	
5	4.290		147			6.470		145		
	4.143		144			6.325		144		
	3.999		291			6.181		289		
	12.432	4.1440		1493		18.976	6.3253		1472	
		22.7640					27.7183			

FB 2879 P.G. 47

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Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 11:10 – 12:20 Rod No. 7 / 8

Name L.A. CO PRECISE NET
Job No. 0301-02
From 202-46 To 202-47
Date 8-31-62
Indexed C. J. GALLI

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	3.610	22.7640	143	1.493		7.016	27.7183	141	1.472	
	3.467		146			6.875		143		
	3.321		289			6.732		284		
	10.398	3.4660		1.782		20.623	6.8743		1.756	
7	3.728		146			6.370		143		
	3.582		143			6.227		145		
	3.439		289			6.082		288		
	10.749	3.5830		2.071		18.679	6.2263		2.044	
8	4.179		148			5.948		146		
	4.031		145			5.802		143		
	3.886		293			5.659		289		
	12.096	4.0320		2.364		17.409	5.8030		2.333	
9	4.904		145			5.729		144		
	4.759		148			5.585		145		
	4.611		293			5.440		289		
	14.274	4.7580		2.657		16.754	5.5847		2.622	
10	3.121		128			6.013		122		
	2.993		125			5.891		121		
	2.868		253			5.770		143		
	8.982	2.9940		2.910		17.674	5.8913		2.765	
		41.5970					58.0978			

E.B. 2879 PG. 48

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time Rod No. 7 & 8

Name L.A.CO. PRECISE NET
Job No. 0301.02
From BM 202-46 To 202-47
Date 8-31-62
Indexed C.J. GALLI

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	4.785	4.1597	147	2.910	#7	6.029	5.8976	140	2.765	Summation of Run
	4.638		148		95°	5.889		140		BM 202-46 to 202-47
	4.490		295			5.749		280		
	13.913	4.6377		3.205		17.667	5.8890		3.045	TOTAL Backsights = +54.9527
12	4.095		145			6.319		143		" Foresights = -78.3878
	3.950		146			6.176		140		Diff/Elev = -23.4351 *
	3.804		291			6.036		283		* See re-run FB. 2878-255,256
	11.849	3.9497		3.496		18.531	6.1770		3328	
13	4.919		151			8.378		156		202-47
	4.768		150			8.222		153		B.M. LET IN HEAD-WALL (LACO RD. #6)
	4.618		301			8.069		309		
	14.305	4.7683		3.797		24.669	8.2230		3.637	SEE F.B 2878-165
	54.9527		3797			78.3878		3637 / 3797		

7434 = 0.47 MI

F.B. 2878 P.G. 49

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 W.G. Guizado Weather Hot & Windy Inst. No. 18161
Notes by ACG Time 1:45 To Rod No. 788

Name L.A. Co. Precise Level Net
Job No. 0301-02
From BM202-47 To BM202-46
Date 8-31-62
Indexed C. J. GALLI

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	8700 8540 8381 25621	8.5403	160 159 319	319	#7 T=98	5232 5082 4931 15245	5.0817	150 151 301	301	BM202-47 (LA Co RD #6) Agua Dulce Ch Rd See FB 2878-165
2	6618 6469 6322 19409	6.4697	149 147 296 615	615		4382 4241 4100 12723	4.2410	141 141 282 583	583	℄ G.O. Guizado
3	6399 6261 6120 18780	6.2600	138 141 279 894	894		5158 5005 4854 15017	5.0057	153 151 304 887	887	
4 FB 2878 PG 30	5872 5750 5629 17251	5.7503	122 121 243 1137	1137		2961 2852 2728 8561	2.8537	129 124 253 1140	1140	
5	5822 5676 5530 17028	5.6760	146 146 292 1429	1429		4995 4849 4701 14545	4.8483	146 148 294 1434	1434	
		32.6963					28.0304			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. Guizado Weather Hot & Sunny Inst. No. 10161
Notes by ACG Time 1:45 to Rod No. 188

Name LA Co. Precise Level Net
Job No. 0301.02
From BM 202-17 To BM 202-16
Date 8-31-62
Indexed C. J. GALLI

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
	5830	32.6868	142	1429	47	4064	22.0304	145	1434	
	5688		146			3919		149		
6	5542		288			3770		294		
	17060	5.6867		1717		11753	3.9177		1728	
	6335		145			3688		144		
	6190		149			3544		144		
7	6041		294			3400		288		
	18566	6.1887		2011		10632	3.5440		2016	
	7134		141			3728		146		
	6993		143			3583		144		
8	6850		284			3489		289		
	20977	6.9923		2295		10750	3.5833		2305	
	6719		149			4530		143		
	6570		149			4387		145		
9	6421		298			4242		288		
	19710	6.5700		2593		13159	4.3863		2593	
	5128		154	307 310		5633		151	303 306	
	4974		153			5482		152		
10	4821		307			5330		303		
	14923	4.9743		2900		16445	5.4817		2896	
		63.0483					42.9434			

F.B. 2879 P.G. 51

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.G. GUIZADO Weather Hot & Windy Inst. No. 18161
Notes by ACG Time 1:45 to 3:00 Rod No. 7&8

Name LA Co Precise Level Net
Job No. 0301-02
From BM 202-47 To BM 202-46
Date 8-31-62
Indexed C. J. GALLI

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
	4678	63.1083	151	2902		6130	42.9434	150	[illegible]	Summation of Even
	4527		152			5980		148		BM 202-47 to BM 202-46
	4375		303			5832		298		
11	13580	45267		3203		17942	59807		3194	TOTAL BACKSIGHT = + 79.7177
	5580		150			3530		148		" FORESIGHT = + 56.2671
	5430		150			3382		146		Diff/elev = + 23.4506 *
12	5280		300			3236		294		* See re-run FB 2878-255, 256
	16290	54300		3503		10148	33827		3488	
	6798		147			4111		151		BM 202-46 (LA Co RD #7)
	6654		142			3960		150		Agua Dulce Rd
13	6509		289			3810		301		FB 2878-163
	19958	66527		3792		11881	39603		3789	
		79.7177		3792			56.2671		3789	

3789
3792
7581 = 0.48 MI

FB 2879 PG 52

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather Windy & HOT Inst. No. 1861
Notes by ACG Time 11:15 to 11:50 Rod No. 788

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-46 To BM 202-47
Date 9-4-62
Indexed S. J. GALLI

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
	4084		149		#7	6770		145		BM 202-46 (L.A.Co. RO #7)
	3935		148			6625		145		AGUA DULCE Co Rd.
1	3787		297			6480		290		FB 2878-163
	11806	3.9353			90°	19875	6.6250			
	3747		147			5799		152		
	3600		150			5647		151		↑ E.D. SMITH
2	3450		297			5496		303		
	10797	3.5990		0.594		16942	5.6473		0.593	
	6218		149			4763		151		
	6069		150			4612		149		
3	5919		299			4463		300		
	18206	6.0687		0.893		13838	4.6127		0.893	
	5882		152			5371		151		
	5780		152			5220		151		
4	5578		304			5069		302		
	17190	5.7300		1.197		15660	5.2200		1195	
	4426		144			6610		147		
	4282		144			6463		145		
5	4138		288			6318		292		
	12846	4.2520		1485		19391	6.4637		1487	
		23.6150					28.5687			

F.B. 2879 P.G. 53

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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 A.C. GUIZADO Weather Windy & Hot Inst. No. 1816'
Notes by ACG Time 11:15 to 11:40 Rod No. 788

Name L.A. Co PRECISE LEVEL NET
Job No. a30102
From BM 202-46 To BM 202-47
Date 9-4-62
Indexed C. J. GALLI

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
	3798	236150	146	1485	77	7204	28.5687	142	1487	
	3652		144			7062		142		
	3508		290			6920		284		
6	10958	36527		1775	90°	21186	7.0620		1771	
	3922		148			6562		144		
	3774		144			6418		146		
	3630		292			6272		290		
7	11326	37753		2067		19252	6.4173		2061	
	4247		145			6018		148		
	4102		144			5870		146		
	3958		289			5724		294		
8	12307	41023		2356		17612	5.8707		2355	
	5109		146			5935		144		
	4963		146			5791		145		
	4817		292			5646		289		
9	14889	49630		2648		17372	5.7907		2644	
	3485		125			6377		124		
	3360		129			6253		121		
	3231		254			6132		245		
10	10076	3.3587		2902		18762	6.2540		2889	
		434670					599634			

FB 2879 P.G. 54

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather Windy & Hot Inst. No. 18161
Notes by ACG Time 11:15 to 11:50 Rod No. 788

Name L.A. Co. Precise Level Net
Job No. 2301-02
From BM 202-46 To BM 202-47
Date 9-4-62
Indexed E. J. GALLI

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
	4917	43.4670	149	2902		6162	5.9634	142	2889	Summation of Run
	4768		148			6020		140		BM 202-46 to BM 202-47
11	4620		297			5880		282		
	14305	4.7683		3199		18062	6.0207		3171	TOTAL BACKSIGHTS = + 56.9503
	4250		140			6484		147		" FORESIGHTS = - 80.3814
	4110		140			6337		147		DIFF/ELEV = -23.4311 *
	3970		280			6190		294		* See re-run FB 2878-255, 256
12	12330	4.1100		3479		19011	6.3370		3465	
	4755		150			8212		151		
	4605		150			8061		153		
	4455		300			7908		304		
13	13815	4.6050		3779		24181	8.0603		3769	
										BM 202-47 (LACO RD #6)
										AGUA DULCE CN RD
										FB 2878-165
										F.B. 2879 P.G. 55
		56.9503		3779			80.3814		3769 / 3774 / 7543 = 0.48 MI	

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party _____ Weather _____ Inst. No. _____
Notes by _____ Time _____ Rod No. _____

Name _____
Job No. _____
From _____ To _____
Date _____
Indexed C. J. GALLI

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. 12879 PG. 56

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADA Weather CLEAR Inst. No. 18161
Notes by R.G. Time 1:00 TO 2:00 Rod No. 7 & 8

Name L.A.CO. PRECISE LEVEL
Job No. 0301.02
From BM 202-47 To BM 202-46
Date 9-4-62
Indexed E. J. GALLI

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	8251		151			4790		147		BM 202-47 (LA Co. 20#6)
	8100		153			4643		149		AGUA DULCE CA Rd
	7947					4494				SEE FB 2878-165
	24298	8099 3	304	304		13927	4642 3	296	296	
2	6332		144			4104		143		
	6188		141			3961		143		
	6047					3818				T R.D. SMITH
	18567	6189 0	285	589		11883	3961 8	286	581	
3	6095		142			4846		147		
	5953		139			4699		149		
	5814					4551				
	17862	5954 0	281	870		14096	4698 2	296	876	
4	6171		123			3275		124		
	6048		121			3151		125		
	5927					3026				
	18146	6048 7	244	1114		9452	3150 7	249	1125	
5	6077		147			5249		146		
	5930		143			5103		146		
	5787					4957				
	17794	5931 3	290	1404		15309	5103 0	292	1417	
		32.223					215557			

F.B. 2879 P.G. 57

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G Time 1:00:2:00 Rod No. 7 & 8

Name L.A. Co PRECISE
Job No. 0301.02
From BM 202-47 To BM 202-46
Date 9-4-62
Indexed C. J. GALLI

F.B. 2879 P.G. 58

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	6053	3222	145	1404		4285	2155	145	1417	
	5908		144			4140		145		
	5764					3995				
	17725	5908	289	1693		12420	4140	290	1707	
7	6762		145			4119		148		
	6617		145			3971		144		
	6472					3827				
	19851	6617	290	1983		11917	3972	292	1991	
8	7258		143			3851		145		
	7115		140			3706		145		
	6975					3561				
	21348	7116	283	2266		11118	3706	290	2289	
9	6644		146			4460		143		
	6498		147			4317		147		
	6351					4170				
	19493	6497	293	2559		12947	4315	290	2577	
10	5403		151			5912		152		
	5252		144			5760		152		
	5103					5608				
	15758	5252	300	2859		17280	5760	304	2883	
		6361					4344			

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather Windy Inst. No. 18161
Notes by R.G. Time 1:00 to 2:00 Rod No. 768

Name LA Co PRECISE LEVEL
Job No. 0301.02
From BM202-47 To BM202-46
Date 9-4-62
Indexed C. J. GALLI

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
	4807	636140	149	2859		6262	43.4497	149	2883	Summation of Run
11	4658		150			6113		151		BM202-47 to BM202-46
	4508					5962				
	13973	46577	299	3158		18337	61123	300	3183	TOTAL BACKSIGHTS = + 806787
	5825		150			3773		148		FORESIGHTS = - 57.2256
	5675		150			3625		147		D.H/ELEV = + 23.4531*
12	5525					3478				
	17025	56750	300	3458		10876	36253	295	3478	*See re-run FB 2878-255, 256
	6875		145			4188		149		
13	6730		145			4039		151		
	6585					3888				
	20190	67300	290	3748		12115	40383	300	3778	
										BM202-46 (LA Co RD #7)
										AGUA DULCE Cn Rd
										FB 2878-163
		806787		3748			572256		3778	
									3748	

F.B. 2879 P.G. 59

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party _____ Weather _____ Inst. No. _____
Notes by _____ Time _____ Rod No. _____

Name _____
Job No. _____
From _____ To _____
Date _____
Indexed E. J. GALLI

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. Book 3879 Pg. 60

76P526-CE 379—10-57

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Chief of Party A.S. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 2:00 – 3:05 Rod No. 7 & 8

Name L.A. Co. PRECISE NET
Job No. 0301.02
From 202-47 To 202-50
Date 9-4-62
Indexed E. J. GALLI

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	8.571		153		#7	4.888		147		B.M. 202-47 (LA COR D #6)
	8.418		155		98°	4.741		147		AGUA DULCE CA Rd
	8.263		308			4.594		294		SEE FB 2878-165
	25252	8.4173		308		14223	4.7410		294	
2	7.057		147			4.190		151		Summation of Run
	6.910		144			4.039		152		
	6.766		291			3.887		303		BM 202-47 to BM 202-48
	20733	6.9110		599		12116	4.0387		597	
3	8.508		131			1.267		112		TOTAL BACKSIGHTS = 23.7056
	8.377		130			1.155		113		" FORESIGHTS = 9.9344
	8.247		261			1.042		225		DIFF/ELEV = +13.7712
	25132	8.3773		860		3.464	1.1547		822	
		23.7056		1822 / 1.682 = 0.11Mi			9.9344			BM 202-48 (LA COR D #5)
										AGUA DULCE CA Rd
										SEE FB 2878-165
4	5.101		152			4.009		148		
	4.949		151			3.861		145		
	4.798		303	303		3.716		293	293	
	14848	4.9493		1163		11586	3.8620		1115	

F.B. 2875 P.G. 61

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Chief of Party A.C. QUIZADO Weather CLEAR Inst. No 18761
Notes by R.D.S Time 2:00 to 3:05 Rod No. 7 & 8

Name L.A.CO PRECISE NET
Job No. 030102
From 202-47 To 202-50
Date 9-4-62
Indexed C. J. GALLI

F.B. 2879 PG. 62

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
				293					293	
5	7.048	4.9493	1.50	~~1.463~~	#7	6.296	3.8620	1.53	~~1.415~~	
	6.898		1.50	303	93°	6.143		1.52		
	6.748		3.00	6.03		5.991		3.05	598	
	20.694	6.8980		~~1.463~~		18.430	6.1433		~~1.420~~	
6	6.397		1.45			7.841		1.45		
	6.252		1.42			7.696		1.45		
	6.110		2.87	890		7.551		2.90	888	
	18.759	6.2530		~~1.750~~		23.088	7.6960		~~1.710~~	
7	3.632		1.11			9.732		1.09		
	3.521		1.12			9.623		1.09		
	3.409		2.23	1113		9.514		2.18	1106	
	10.562	3.5207		~~1.973~~		28.869	9.6230		~~1.928~~	
8	2.068		0.82			9.882		0.84		
	1.986		0.82			9.798		0.82		
	1.904		1.64	1277		9.716		1.66	1272	
	5.958	1.9860		~~2.137~~		29.396	9.7987		~~2.094~~	
9	1.891		0.71			9.787		0.70		
	1.820		0.72			9.117		0.70		
	1.748		1.43	1420		9.047		1.40	1412	
	5.459	1.8197		~~2.280~~		27.351	9.1170		~~2.234~~	
		25.4267					46.2400			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. Guizado Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 2:00 - 3:05 Rod No. 7 & 8

Name L.A. CO. PRECISE NET
Job No. 0301.02
From 202-47 To 202-50
Date 9-4-62
Indexed C. J. GALLI

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
	3.475	25.4267	122	2280 (1420)	#7	9.762	16.2400	111	2234	
10	3.353		120		98°	9.651		109		
	3.233		242	1662		9.543		219	1631	
	10.061	3.3537		2522		29.956	9.6520		2455	
	1.602		0.96			8.576		0.99		
11	1.506		0.96			8.477		1.00		
	1.410		1.92	1954 (2614)		8.377		199	1839	
	4.518	1.5060				25.430	8.4767		2682	
	2.952		190			7.383		144		
12	2.812		140			7.239		147		
	2.672		280	2134 (2894)		7.092		291	2121	
	8.436	2.8120				21.714	7.2380		2948	
	3.988		139			7.682		141		
13	3.849		139			7.541		141		
	3.710		278	2412 (3292)		7.400		282	2403 (3225)	
	11.547	3.8490				22.623	7.5410			
	1.753		0.90			6.756		0.88		
14	1.663		0.89			6.668		0.86		
	1.574		1.79	2591 (3451)		6.582		1.74	2577 (3399)	
	4.990	1.6633				20.006	6.6687			
		38.6107					85.8164			

F.B. 2871 P.G. 63

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 2:00-3:00 Rod No. 7 & 8

Name L.A. CO. PRECISE LEVEL
Job No. 030102
From 202-47 To 202-50
Date 9-4-62
Indexed C. J. GALLI

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
	4.416	38.6107	0.99	2591 ~~3.451~~		7.238	85.8164	1.07	2577 ~~3.399~~	Summation of Run BM 202-48 to BM 202-49
15	4.317		0.98			7.131		1.08		TOTAL BACKSIGHTS = +42.9280
	4.219		1.97	2788		7.023		2.15	2792	" FORESIGHTS = +92.9471
	12.952	4.3173		~~3.648~~		21.392	7.1307		~~3.614~~	Diff/ELEV = -50.0191
		42.9280		3.614			92.9471		2788	BM 202-49 (LACoRD #4)
				7.262 = ~~.046~~ mi					5580	AGUA DULCE Cn Rd.
									.35 mi	SEE FB 2878-167
	4.738		0.92			10.698		0.94		
	4.646		0.92			10.604		0.94		
	4.554		1.84	1.84		10.510		1.88	188	Summation of Run
	13.938	4.6460		~~3.832~~		31.812	10.6040		~~3.802~~	BM 202-49 to BM 202-50
	3.847		0.81			7.318		0.84		TOTAL BACKSIGHTS = +10.0433
	3.766		0.78			7.234		0.83		" FORESIGHTS = -24.8910
	3.688		1.59	343		7.151		1.67	355	Diff/ELEV = -14.8477
	11.301	3.7670		~~3.991~~		21.703	7.2343		~~3.969~~	
	1.669		0.39			7.082		0.30		B.M. 202-50 (LACoRD #3)
	1.630		0.38			7.052		0.28		AGUA DULCE Cn Rd
	1.592		0.77	420		7.024		0.58	413	SEE FB 2878-167
	4.891	1.6303		~~4.068~~		21.158	7.0527		~~4.077~~	
		10.0433		~~4.027~~			24.8910		420	
				8.095 = ~~0.52~~ mi					833 = .05 mi	

F.B. 3879 P.G. 64

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. QUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D. SMITH Time 9:45 - 11:20 Rod No. 7 & 8

Name L.A.CO PRECISE NET
Job No. 0301.02
From 202-50 To 202-47
Date 9-5-62
Indexed R.J. GALLI

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
	6.849		0.30		#7	1.434		040		BM 202-50 (L.A.Co #3)
	6.819		0.30			1.394		039		AGUA DULCE CN. RD.
1	6.789		060			1.355		079		SEE F.B. 2878-162
	20.457	6.8190		060		4.183	1.3943		079	
	7.043		083			3.575		076		SUMMATION OF RUN
	6.960		082			3.499		079		BM202-50 to BM202-49
2	6.878		165			3.420		155		
	20.881	6.9603		225		10.494	3.4980		2.34	TOTAL BACKSIGHTS = 20.0183
	10.328		097			4.368		096		" FORESIGHTS = 9.1656
	10.231		094			4.272		092		DIFF in ELEV = +14.8427
3	10.137		191			4.180		188		
	30.696	10.232		416		12.820	4.2733		4.22	
	+20.0183					-9.1656			416	BM 202-49 (LA Co RD #4)
	-9.1656								838 =	AGUA DULCE CN RD
	+14.8527								.05 mi	SEE FB 2878-167
	6.961		111			4.140		100		
	6.850		109			4.040		100		
4	6.741		220	220		3.940		200	200	
	20.552	6.8507		136		12.120	4.0400		622	

F.B. 2879 P.G. 65

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S Time 9:45 11:20 Rod No. 7 & 8

Name L.A. CO. PRECISE NET
Job No. 0301.02
From 202-50 To 202-47
Date 9-5-62
Indexed C. J. GALLI

F.B. 2879 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
5	6.580	6.850	085	~~636~~ 320	7	1.582	4.400	094	~~622~~ 200	
	6.495		085			1.488		094		
	2.410		170	390		1.394		188	~~388~~ 810	
	19.485	6.495		~~806~~		4.464	1.488			
6	7.481		141			3.190		140		
	7.340		141			3.650		138		
	7.199		282	672		3.512		278	~~666~~ 1088	
	22.020	7.340		~~1088~~		10.952	3.650			
1	7.068		148			2.635		141		
	6.920		144			2.494		139		
	6.776		292	964		2.355		280	~~946~~ 1368	
	20.764	6.921		~~1380~~		7.484	2.494			
8	8.321		100			1.350		096		
	8.221		101			1.254		094		
	8.120		201	1165		1.160		190	~~1236~~ 1558	
	24.662	8.220		~~1581~~		3.764	1.254			
9	10.090		110			3.800		123		
	9.980		112			3.677		119		
	9.868		222	1387		3.559		242	~~1478~~ 1800	
	29.938	9.979		~~1803~~		11.035	3.678			
		45.807					16.063			

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by RDS. Time 9:45-11:20 Rod No. 7 & 8

Name L.A.Co. PRECISE NET
Job No. 0301.02
From 202-50 To 202-47
Date 9-5-62
Indexed C.J. GALLI

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
				1387					1478	
10	9.026	45.1807	175	~~1803~~		1730	16.6063	070	~~1800~~	
	8.951		171			1.660		071		
	8.880		346	1733		1.589		141	1519	
	26.857	8.9523		~~2149~~		4.979	1.6597		~~1941~~	
11	9.578		083			1.762		082		
	9.495		084			1.680		084		
	9.411		167	1900		1.596		166	1685	
	28.484	9.4947		~~2316~~		5.038	1.6793		~~2107~~	
12	9.181		109			3.084		112		
	9.072		107			2.972		111		
	8.965		216	2116		2.861		123	1808	
	27.218	9.0727		~~2552~~		8.917	2.9723		~~2330~~	
13	7.510		140			6.072		148		
	7.370		140			5.924		150		
	7.230		280	2396		5.774		298	2206	
	22.110	7.3700		2.812		17.770	5.9233		~~2528~~	
14	5.882		146			6.641		151		
	5.736		146			6.490		153		
	5.590		292	2688		6.337		304	2410	
	17.208	5.7360		~~2704~~		19.468	6.4893		~~2532~~	
		86.4327					35.3303			

F.B. 2875 P.G. 67

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. QUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 9:45 - 11:20 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From 202-50 To 202-47
Date 9-5-62
Indexed C. J. GALLI

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
				2688					2690	Summation of Bond
15	3.688	86.4327	140	3,104	#7	4.790	35.3303	157	2.832	BM 202-49 to BM 202-48 810
	3.548		139			4.633		158		TOTAL BACKSIGHTS = 89.9793
	3.409		279	2967		4.475		315	2725	" FORESIGHTS = 39.9630 ✓
	10.645	3.5483		3.383		13.898	4.6327		3.147	Diff in ELEV = +50.0168
	+	89.9793					39.9630 ✓		2967	BM 202-48 (LA Co RQ #5)
	-	39.9630							5692	AGUA DULCE CN Rd
	+	50.0163						=	.36 mi	SEE FB 2878-165
16	0.774		114			8.010		129		SUMMATION OF RUN
	0.660		118			7.881		126		BM 202-48 to BM 202-47
	0.542		232	232		7.755		255	285	
	1.976	0.6587		3675		23.646	7.8820		3.382	TOTAL BACKSIGHTS = 9.1504 ✓
	4.112		131			7.019		167		" FORESIGHTS = 22.9253 ✓
17	3.981		131			6.852		163		Diff ELEV = -13.7749 ✓
	3.850		262	494		6.689		330	565	
	11.943	3.9810		3.877		20.560	6.8533		3.712	
FB 2879 PG 68	4.652		142			8.350		160		B.M 202-47
18	4.510		140			8.190		160		AGUA DULCE CN. RD.
	4.370		282	776		8.030		320	885	(L.A. CO. #
	13.532	4.5107		4.159		24.570	8.1900		4.032	SEE F.B. 2878-
		9.1504 ✓		885			22.9253 ✓		4.147	
				1661 = .10 mi			9.1504 ✓		8.179 = 0.63 MI	
							13.7749 ✓			

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No 18161
Notes by RG Time 2:10 Rod No. 7&8

Name LACo PRECISE LEVEL NET
Job No. 0301-02
From BM 202-50 To BM 202-52
Date 7-5-62
Indexed G. J. GALLI

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
	7890		55			2254		58		BM 202-50 (LACo RD #3)
	7835		55			2196		58		AGUA DULCE CYN RD
1	7780					2138				SEE FB 2878-167
	23505	7835	110	110		6588	2196	116	116	
	5570		138			7965		135		
	5432		134			7830		133		
	5298					7697				
2	16300	5433	272	382		23492	7831	268	384	
	2542		144			8580		149		
	2398		146			8431		146		
	2252					8285				
3	7192	2397	290	672		25296	8432	295	679	
	2549		108			8058		110		
	2441		110			7948		110		
	2331					7838				
4	7321	2440	218	890		23844	7948	220	899	
	4700		148			5204		147		
	4552		147			5057		145		
✓	4405					4912				
	13657	4552	295	1185		15173	5057	292	1191	
		22658					31465			

U2

F.B. 2879 PG. 67

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Chief of Party A.C. GUIZADO Weather Windy Inst. No. 18161
Notes by RG Time Rod No. 768

Name LACo PRECISE LEVEL NET
Job No. 0301.02
From BM202-50 To BM202-52
Date 9-5-62
Indexed C. J. GALLI

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
	6980	226582	148	1185	7	3738	31.4654 43	147	1189 91	
	6832		147			3591		147		
	6685					3444				
6	20497	68323	295	1480	94°	10773	35910	294	1483 5	
	7472		146			2817		147		
	7326		144			2670		147		
7	7182					2523				
	21980	73267	290	1770		8010	2670	294	1777 9	
	8171		149			4792		147		
	8022		150			4645		147		
8	7872					4498				
	24065	80217	299	2069		13935	4645	294	2077 3	
	6473		145			5845		148		
	6328		145			5697		149		
	6183					5548				
9	18984	63280	290	2357		17090	56967	297	2368 70	
	5520		147			7178		150		
	5373		147			7028		148		
10	5226					6880				
	16119	53730	294	2653		21086	70287	298	2668	
		56.5399					55.0957			

F.B. 2879 P.G. 70

76P526-CE 379--10-57

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Chief of Party A.C. GUIZADO Weather Windy Inst. No. 18161
Notes by R.G. Time Rod No. 788

Name LAC. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-50 To BM 202-52
Date 9-5-62
Indexed L. J. GALLI

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
	4337	5.5399	146	2653		8743	55.0957	146	2668	
	4191		147			8597		147		
	4044					8450				
11	12572	41907	293	2946		25790	85967	293	2959	
	3785		145			8105		150		
	3640		145			7955		150		
	3495					7805				
12	10920	36400	290	3236		23865	79550	300	3259	Summation of Run BM 202-50 to BM 202-51
	3388		145			8666		144		
	3243		148			8522		145		TOTAL BACKSIGHTS = 710983
	3095					8377				" FORESIGHTS = 900835
13	9726	32420	293	3529		25565	85217	289	3548	DIFF/ELEV = -18.985
	3605		120			10033		116		
	3485		118			9917		117		
	3367					9800				
14	10457	34857	238	3767		29750	99167	233	3781	F.B. 2077 P.G. 71
									3767	BM 202-51 (LACO #1)
									7550 =	SOLEDAD CANYON Rd & AGUA DULCE CANYON Rd
									.48 mi	SEE FB 2879-169
		710983					900835			

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Chief of Party AC Gunzado Weather ____ Inst. No. 4161
Notes by RG Time 2:10 3:00 Rod No. 788

Name LA Co Precise Level Net
Job No. 0301.02
From BM 202-50 To BM 202-52
Date 9-5-62
Indexed C. J. GALLI

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
	2301		83	~~3767~~		9583		85	~~3781~~	
	2218		82			9498		82		
15	2136		165	165		9416		167	167	
	6655	22183		~~3932~~		28497	94990		~~3948~~	
				167			22183			BM 202-52
				332			- 72807			
				.02 mi						

F.B. 2879 P.G. 72

~~3932~~ 3948 3932 ~~7880 0.50mi~~

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Chief of Party A. C. QUIZADO Weather CLEAR Inst. No. 18161
Notes by RDS Time 12:40 - Rod No. 7 & 8

Name L.A. CO PRECISE NET
Job No. 0301.02
From 202-52 To 202-50
Date 9-5-67
Indexed J. GALLT

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	9 480		81		#7	2 200		081		B.M. 202-52 (LACORD #2) Soledad Cyn Rd & Agua Dulce Cyn Rd
	9 399		83			2.119		085		
	9 316		164	164		2 034		166	166	SEE F.B. 2878-169
	28195	9.3983			94°	6.353	2.1177			
		2.1177							164	
		+7.2806							330 = .02 mi.	
2	10.099		116			3672		120		B.M. 202-51 (LACORD #1) Soledad Cyn Rd & Agua Dulce Cyn Rd
	9983		117			3552		118		
	9866		233	233		3434		238	238	SEE F.B. 2878-169
	29948	9.9827		397		10658	3.5527		404	
3	8800		147			3522		148		
	8653		144			3374		146		
	8509		291	524		3228		294	532	
	25962	8.6540		688		10124	3.3747		698	
4	7.859		149			3.544		145		
	7710		150			3.399		149		
	7.560		299	823		3.250		294	826	
	23.129	7.7097		987		10193	3.3977		992	
		26.3464					10.3251			

F.B. 2879 P.G. 73

LOS ANGELES COUNTY ENGINEER
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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 12:40 Rod No. 7 & 8

Name LA Co PRECISE LEVEL NET
Job No. 0301.02
From 202-52 To 202-50
Date 9-5-62
Indexed C. J. GALLI

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	8.734	263464	145	~~987~~ 823	#7	4.325	103251	147	~~990~~ 826	
	8.589		149			4.178		148		
	8.440		294	1117		4.030		295	1121	
	25.763	8.5877		~~1.281~~		12.533	4.1777		~~1.287~~	
6	6.899		149			5.245		147		
	6.750		149			5.098		148		
	6.601		298	1415		4.950		295	1416	
	20.250	6.7500		~~1.579~~		5.293	5.0977		~~1.592~~	
7	5.560		146			6.188		148		
	5.414		146			6.040		146		
	5.268		292	1707		5.894		294	1710	
	16.242	5.4140		~~1.877~~		18.122	6.0407		~~1.876~~	
8	4.640		150			8.023		152	?	
	4.490		146			7.871		154		
	4.344		296	2003		7.725		~~208~~ 298	2008	
	13.474	4.4913		~~2.167~~		23.619	7.873		~~2.184~~	
9	2.658		146			7.307		147		
	2.512		147			7.160		147		
	2.365		293	2296		7.013		294	2302	
	7.535	2.5117		~~2.460~~		21.480	7.1600		~~2.478~~	
		541011					406748			

F.B. 2879 P.G. 74

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R. D. S. Time 12:40 Rod No. 7 & 8

Name LA Co PRECISE LEVEL NET
Job No. 0301.03
From 202-52 To 203-50
Date 9-5-63
Indexed G. J. GALLI

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
				2296					2302	
10	3.618	541011	149	~~2460~~		6.862	406749	145	~~2470~~	
	3.469		146			6.717		149		
	3.323		295	2591		6.560		294	2596	
	10.410	3.4700		~~2755~~		20.147	6.7157		~~2772~~	
11	5.189		142			4.681		148		
	5.047		146			4.533		147		
	4.901		288	2879		4.381		295	2891	
	15.137	5.0457		~~3048~~		13.600	4.5333		~~3067~~	
12	8.005		110			2.502		110		
	7.895		110			2.392		111		
	7.785		220	3099		2.281		221	3112	
	23.685	7.8950		~~3268~~		7.175	2.3917		~~3288~~	
13	8.334		146			2.291		147		
	8.188		147			2.144		145		
	8.041		293	3392		1.999		292	3404	
	24.563	8.1877		~~3556~~		6.434	2.1447		~~3550~~	
14	7.932		134			5.538		134		
	7.798		136			5.404		132		
	7.662		260	3652		5.272		266	3670	
	23.392	7.7973		~~3816~~		16.214	5.4047		~~3840~~	
		86.4968					61.8650			

F.B. 2879 P.G. 75

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 A.C. QUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 12:40 - 2:10 Rod No. 748

Name LA CO PRECISE LEVEL NET
Job No. 0301.02
From 202-52 To 202-50
Date 9-5-62
Indexed C. J. GALLI

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
15	2349	86.4968	057	3652 ~~3.816~~	7	7986	61.8650	056	3670 ~~3846~~	
	2292		057			7930		056		
	2235		114	3766		7874		112	3782	
	1876	22920		~~3930~~		3790	79300		~~3950~~	
				3782						BM 202-50 (LA Co RD #3)
				7548	= .48 mi.					AGUA Dulce Cn Rd
										SEC FB 2878-167
										Summation of Run
										BM 202-51 to BM 202-50
										TOTAL BACKSIGHTS = 88.7888
										" FORESIGHTS = 69.7940
										DIFF/ELEV = 18.9938
		~~88.7888~~		~~3930~~			~~69.7940~~		~~3950~~ ~~3782~~ ~~7.880~~	0.50 mi

F.B. 2879 P.G. 76

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. S. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 9:55 - 10:15 Rod No. 7 & 8

Name L.A. CO. PRECISE NET
Job No. 0301.02
From 202 - 52 To 202 - 53
Date 9-6-62
Indexed G. J. GALLI

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	9.469		081		#7	3.809		087		B.M. 202 - 52 (LACORD #2)
	9.388		083			3.722		086		AQUA DULCE CH IRD.
	9.305		164			3.636		173		
	28.162	9.3873		164		11.167	3.7223		173	SEE F.B 2878 -169
2	4.399		131			5.269		131		
	4.268		130			5.138		130		
	4.138		261			5.008		261		
	12.805	4.2683		425		15.415	5.1383		434	
3	5.012		130			6.619		135		
	4.882		131			6.484		133		
	4.751		261			6.351		268		
	14.645	4.8817		686		19.454	6.4847		702	
4	4.296		082			9.349		084		
	4.214		082			9.265		083		
	4.132		164			9.182		167		
	12.642	4.2140		850		27.796	9.2653		869	
5	1.253		049			9.709		037		
	1.204		045			9.672		039		
	1.159		094			9.633		076		
	3.616	1.2053		944		29.014	9.6713		945	
	23.956					34.281				

F.B. 2877 P.G. 77

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A. C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R. D. S. Time 9:55 – 10:15 Rod No. 7 & 8

Name L. A. CO. PRECISE NET
Job No. 0301.02
From 202 - 52 To 202 - 53
Date 9-6-62
Indexed C. J. GALLI

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	1.218	23.9566	033	944	# 7	7.296	34.2819	034	945	
	1.185		033			7.262		033		
	1.152		066			7.229		67		
	3.555	1.1850		1.010		21.787	7.2623		1.012	USC&GS R486
7	3.303		076			6.213		081		BM 202 - 53
	3.227		079			6.132		081		AGUA DULCE CN. RD.
	3.148		155			6.051		162		
	9.678	3.2260		1.165		18.396	6.1320		1.174	SEE F.B. 2878-170
		28.3676					47.6762		1165	
									2339	= 1.15 mi.

Summation of Run
BM 202-52 to BM 202-53

TOTAL BACKSIGHTS = 28.3676
" FORESIGHTS = 47.6762
DIFF/ELEV = 19.3086

F.B. 2879 PG. 78

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.D.S. Time 10:20 - 10:40 Rod No. 7 & 8

Name L.A. CO. PRECISE NET
Job No. 0301.03
From 202 - 53 To 202 - 52
Date 9-6-62
Indexed C.J. GALLI

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	6.177		080		#7	3.262		079		BM 202 - 53 (USCEGS R-486)
	6.097		083			3.183		078		AGUA DULCE CA. RD.
	6.014		163			3.105		157		
	18.288	6.0960		163		9.550	3.1833		157	SEE FB. 2878 - 170
2	7.148		034			1.074		032		
	7.114		033			1.042		033		
	7.081		067			1.009		065		
	21.343	7.1143		230		3.125	1.0417		222	
3	9.909		041			1.443		045		
	9.868		042			1.398		044		
	9.826		083			1.354		089		
	29.603	9.8677		313		4.195	1.3983		311	
4	9.189		085			4.141		081		
	9.104		082			4.060		082		
	9.022		167			3.978		163		
	27.315	9.1050		486		12.179	4.0597		474	
5	6.300		132			4.692		131		
	6.168		134			4.561		132		
	6.034		266			4.429		263		
	8.502	6.1673		746		13.682	4.5607		737	
	38.3603					14.2437				

F.B. 2879 P.G. 79

LOS ANGELES COUNTY ENGINEER
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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 A.C. QUIZADO Weather CLEAR Inst. No. 18161
Notes by RDS Time 10:20-10:40 Rod No. 7 & 8

Name L.A.CO PRECISE NET
Job No. 0391.02
From 202-53 To 202-52
Date 9-6-62
Indexed C.J. GALLI

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	5.039	38.3503	131	746	#7	4.170	14.2437	129	737	
	4.908		132			4.041		132		
	4.776		263			3.909		261		
	14.723	4.9077		1.009		12.120	4.0400		998	
7	3.812		085			9.468		083		BM 202-52 (LACORD #2 AGUA DULCE CN. RD.
	3.727		088			9.385		082		
	3.639		173			9.303		165		SEE F.B. 2878-169
	11.178	3.7260		1.182		28.156	9.3853		1.163	
		46.9840					27.6690			
										Summation of Run
										BM 202-53 TO BM 202-52
										TOTAL BACKSIGHT = 46.9840
										" FORESIGHTS = 27.6690
										DH/ELEV = 19.3150

F.B. 2879 PG. 80

1163
1182
2345 ✓ = .15 mi.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 1:10 TO 1:32 Rod No. 7 & 8

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-53 To BM 202-52
Date 9/7/62
Indexed C. J. GALLI

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
	6493		82		#7	3576		77		BM 202-53 (USC&GS RA86)
	6411		82			3499		76		AGUA DULCE CN RD
	6329					3423				SEE FB 2878-170
1	19233	64110	164	164		10498	34993	153	153	
	7432		34			1358		31		
	7398		32			1327		33		
	7366					1294				T R. D. SMITH
2	22196	73987	66	220		3979	13263	64	217	
	10042		41			1576		44		
	10001		42			1532		45		
	9959					1487				
3	~~29702~~ 30002	100007	83	303		4595	15317	89	306	
	9183		84			4135		83		
	9099		86			4052		81		
	9014					3971				
4	27296	90988	~~139~~ 140	~~472~~ 463		12158	40527	164	470	
	6588		133			4980		132		
	6455		132			4948		133		
5	6323			37		4715				
	19366	64553	265	~~728~~ 735		14543	48477	265	735	
		393648					152577			

F.B. 2879 P.G. 81

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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 A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 1:10 TO 1:32 Rod No. 788

Name LA Co. PRECISE LEVEL NET
Job No. 0301-02
From BM 202-53 To BM 202-52
Date 9-7-62
Indexed C. J. GALLI

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
	4894	39.3648	130	738	71	4031	15.2577	131	735	
	4764		130			3900		132		
	4634			97		3768				
6	14292	47640	260	988		11699	38997	263	998	
	3954		86			9614		86		
	3868		85			9528		82		
	3783			68		9446				
7	11605	38683	171	1156		28588	95293	168	1166	BM 202-52 (LA Co Rd #2)
				1166						Agua Dulce Cyn Rd
				4332 = .15 mi						SEE FB 2878-169
										Summation of Run
										BM 202-53 to BM 202-52
										TOTAL BACKSIGHTS = 47996 8/3
										" FORESIGHTS = 28.6867
										DIFF ELEV = 19.3092
										Σ 19.8100
		47996 8/3					286867			

F.B. 2879 PG. 82

19 3096

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather Hot & Hazy Inst. No. 18161
Notes by ACG Time 11:20 to 2:00 Rod No. 7&8

Name LA Co PRECISE LEVEL NET
Job No. 0301
From 202 - 53 To 202 - 54
Date 9-6-62
Indexed C. J. GALLI

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
	6667		081		#7	3754		79		BM 202-53
	6586		080			3675		77		0.1 mi E Soledad Ca Rd on SPRR
	6506		161			3598		156		SEE FB 2878-170
1	19759	65863			98°	11027	36757			
	4812		133			3822		140		⊼ R GLIDDEN
	4679		135			3682		140		
	4544		268			3542		280		Summation of Run
2	14035	46783		429		11046	36820		436	Bm 202-53 to TBM
	3228		54			6871		60		TOTAL BACKSIGHTS = 14.4383
	3174		55			6811		59		" FORESIGHTS = 14.1690
	3119		109			6752		119		Diff. in Elev = + 0.2693
3	9521	31737		538		20434	68113		555	
		14.4383		555			14.1690			TBM USC&GS B1148 1961
				1093 = ~~0.06 mi~~ = 0.07 mi						
	9740		144			3398		171		
	9596		145			3227		170		
	9451		289	289		3057		340	340	
4	28787	95957		~~827~~		9682	32273		~~595~~	

FB 2879 P.G. 83

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. Guizado Weather Hot & Hazy Inst. No. 18161
Notes by ACG Time 11:20 to 2:00 Rod No. 788

Name LAC Precise Level Net
Job No. 0301.02
From BM202-53 To BM202-54
Date 9-6-62
Indexed C. J. GALLI

F.B. 2878 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
	7007	95957	156	~~827~~ 289	47	4210	32273	141	~~695~~ 340	
	6851		153			4069		138		
	6698		309	598		3931		279	619	
5	20556	68520		~~1436~~	98°	12210	40700		~~1174~~	
	6939		151			4271		148		
	6788		151			4123		145		
	6637		302	900		3978		293	912	
6	20364	67880		~~1438~~		12372	41240		~~1467~~	
	6841		156			2615		134		
	6685		154			2481		137		
	6531		310	1210		2344		271	1183	
7	20057	66857		~~1748~~		7440	24800		~~1738~~	
	5090		143			4179		148		
	4947		145			4031		148		
	4802		288	1498		3883		296	1479	
8	14839	49463		~~2036~~		12093	40310		~~2034~~	
	6273		145			4194		144		
	6628		146			4050		145		
	6482		291	1789		3905		299	1778	
9	19883	66277		~~2327~~		12149	40497		~~2333~~	
		41.4954					21.9820			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather Hot & Hazy Inst. No. 18161
Notes by ACG Time 11:20 to 2:00 Rod No. 7&8

Name LACo PRECISE LEVEL NET
Job No. 0301-02
From BM202-53 To BM202-54
Date 9-6-62
Indexed C. J. GALLI

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
				1789					1778	
	6915	41.4954	145	~~2327~~	#7	4431	21.9820	148	~~2333~~	
	6770		142			4283		150		
	6628		287	2076		4133		298	2076	
10	20313	67710		~~2614~~	98°	12847	42823		~~2631~~	
	6843		147			4402		144		
	6696		149			4258		146		
	6547		296	2372		4112		290	2366	
11	20086	66953		~~2910~~		12772	42573		~~2921~~	
	7143		146			4272		148		
	6997		149			4124		150		
	6848		295	2667		3974		298	2664	
12	20988	69960		~~3205~~		12370	41233		~~3219~~	
	6512		148			4622		150		
	6364		146			4472		149		
	6218		294	2961		4323		299	2963	
13	19094	63647		~~3499~~		13417	44723		~~3518~~	
	6543		145			3872		144		
	6398		146			3728		145		
	6252		291	3252		3583		289	3252	
14	19193	63977		~~3790~~		11183	37277		~~3807~~	
		747201					428449			

F.B. 2879 P.G. 85

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. Quizado Weather Hot & Hazy Inst. No. 1816
Notes by ACG Time 11:20 to 2:00 Rod No. 798

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-53 To BM 202-54
Date 9-6-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3252	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 3252	DESCRIPTION AND REMARKS
	6842	74.7201	151	~~3790~~	#7	4482	42.8449	144	~~3607~~	
	6691		148			4338		145		
	6543		299	3551		4193		289	3541	
15	20076	66920		~~4084~~	98°	13013	43377		~~4096~~	
	7190		142			4074		147		
	7048		144			3927		149		
	6904		286	3837		3778		296	3837	
16	21142	70473		~~4375~~		11779	39263		~~4372~~	
	5972		144			4145		143		
	5828		145			4002		142		
	5683		299	4136		3860		285	4122	
17	17483	58277		~~4674~~		12007	40023		~~4677~~	
	6636		145			3756		148		
	6491		143			3608		146		
	6348		288	4424		3462		294	4416	
18	19475	64917		~~4762~~		10826	36087		~~4777~~	
	7310		146			4132		143		
	7166		144			3989		141		
	7022		288	4712		3848		284	4700	
19	21498	71660		~~5250~~		11969	39897		~~5255~~	
		107.9448					62.7096			

F.B. 2877, PG. 86

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather Hot & Hazy Inst. No. 18161
Notes by A.C.G. Time 11:20 to 2:00 Rod No. 7 & 8

Name LA Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-53 To BM 202-54
Date 9-6-62
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 4712	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 4700	DESCRIPTION AND REMARKS
	6877	107.9448	141	~~5250~~	#7	4829	62.7096	142	~~5255~~	
	6736		144			4687		140		
	6592		285	4997		4547		282	4982	
20	20205	67350		~~5535~~	100°	14063	46877		~~5537~~	
	6641		145			2547		146		
	6502		143			2411		143		
	6359		288	5285		2278		289	5271	
21	19508	65027		~~5823~~		7236	24120		~~5826~~	12:15 LUNCH
	6830		160			3972		149		1:30
	6670		160			3823		145		
	6510		320	5705		3678		294	5565	
22	20010	66700		~~6143~~		11473	38243		~~6120~~	
	7229		142			3359		149		
	7087		144			3210		148		
	6943		282	5887		3062		297	5862	
23	21259	70863		~~6425~~		9631	32103		~~6419~~	
	6998		148			4297		148		
	6850		147			4149		144		
	6703		295	6182		4005		292	6154	
24	20551	68503		~~6730~~		12451	41503		~~6409~~	
		141.7891					80.9942			

F.B. 2879 P.G. 87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather Hot & Hazy Inst. No. 18161
Notes by A.C.G. Time 11:20 to 2:00 Rod No. 7 & 8

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-53 To BM 202-54
Date 9-6-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 6182	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals 6154	DESCRIPTION AND REMARKS
	6529	141.7891	149	~~6720~~	#7	3421	80992	149	~~6909~~	
	6380		149			3272		147		
	6231		298	6480		3125		296	6450	
25	19140	63800		~~7018~~	102°	9818	32727		~~7005~~	
	6618		150			4222		145		
	6468		147			4077		146		
	6321		297	6777		3931		291	6741	
26	19407	64690		~~7315~~		12230	40767		~~7296~~	
	6799		147			3789		149		
	6652		146			3640		152		
	6506		293	7070		3488		301	7042	
27	19957	66523		~~7608~~		10917	36390		~~7597~~	
	6857		139			3882		147		
	6718		141			3735		147		
	6577		280	7350		3588		294	7336	
28	20152	67173		~~7888~~		11205	37350		~~7891~~	
	6690		147			4080		149		
	6543		148			3931		149		
	6395		295	7645		3782		298	7634	
29	19628	65427		~~8183~~		11793	39310		~~8189~~	
		1745504					99.6466			

F.B. 2876 PG. 88

76P526-CE 379—10-57

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Chief of Party A.C. Guizado Weather Hot & Hazy Inst. No. 18161
Notes by ACG Time 11:20 to 2:00 Rod No. 7&8

Name LACo PRECISE LEVEL NET
Job No. 0301.02
From BM 202-53 To BM 202-54
Date 9-6-62
Indexed G. J. GALLI

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
	7405	174.5504	143	7645 ~~8183~~		3563	99.6486	130	7634 ~~8189~~	
	7262		144			3433		131		
	7118		287	7932		3302		261	7895	
30	21785	72617		~~8470~~	102°	10298	34327		~~8450~~	Summation of Run
	5873		161			4102		151		BM 202 ~~53~~ BM to BM 202-54
	5712		157			3951		150		
	5555		318	8250		3801		301	8196	TOTAL BACKSIGHTS = 205.2730
31	17140	57133		~~8788~~		11854	39513		~~8761~~	" FORSIGHTS = 119.6049
	6449		142			3966		151		Diff/Elev = 85.6681
	6307		144			3815		151		
	6163		286	8536		3664		302	8498	
32	18919	63063		~~9074~~		11445	38150		~~9053~~	
	6196		139			3687		155		
	6057		138			3532		151		
	5919		277	8813		3381		304	8802	
33	18172	60573		~~9351~~		10600	35333		~~9357~~	
	5423		39			5263		39		BM 202-54 (USC&GS 5486)
	5384		39			5224		39		1.2 mi E of Soledad Cn Rd & SPRR
	5345		78	8891		5185		78	8880	See FB 2878+71
34	16152	53840		~~9429~~		15672	52240		~~9435~~	
		205.2730		8880			119.6049		~~9435~~ ~~10864~~ = 1.17 mi	

F.B. 2879 P.G. 89

17771 = 1.17 mi

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R. G. Time 10:00 TO 12:00 Rod No. 7&8

Name LACo PRECISE LEVEL NET
Job No. 0301.02
From BM202-54 To BM202-53
Date 9-7-62
Indexed C. J. GALLI

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
	5128		40		#7	5293		40		BM202-54 (USC&GS S486)
	5088		40			5253		36		1.2 E Soledad Cn Rd & SPRR
	5048					5217				FB 2878-171
1	15264	50880	80	80		15763	52543	76	76	
	3952		145			6472		148		
	3807		144			6324		144		⊼ R.D. SMITH
	3663					6180				
2	11422	38073	289	369		18976	63253	292	368	
	3978		146			6478		148		
	3832		147			6330		146		
	3685					6184				
3	11495	38317	293	662		18992	63307	294	662	
	4212		147			6948		146		
	4065		143			6802		148		
	3922					6654				
4	12209	40663	290	952		20404	68013	294	956	
	4441		148			7291		147		
	4293		146			7144		143		
	4147					7001				
5	12881	42937	1294	1246		21436	71453	290	1246	
		21.0870					318569			

F.B. 2879 P.G. 90

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather Inst. No. 1816
Notes by Time Rod No. 748

Name LA Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-54 To BM 202-53
Date 9-7-62
Indexed G. J. GALLI

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
	4028	21.0870	146	1246	+7	6637	31.8569	150	1246	
	3882		149			6487		148		
	3733					6339				
6	11643	38810	295	1541		19463	64877	298	1544	
	3773		146			6752		142		
	3627		145			6615		140		
	3482					6475				
7	10882	36273	291	1832		19847	66157	282	1826	
	3862		150			6865		145		
	3712		152			6720		146		
	3560					6574				
8	11134	37113	302	2134		20159	67197	291	2117	
	4064		142			6772		150		
	3922		144			6622		150		
	3778					6472				
9	11764	39213	286	2420		18966	63220	300	2417	F.B. 2879 P.G. 91
	3271		148			6373		150		
	3123		151			6223		148		
	2972					6075				
10	9366	31220	299	2719		18671	62237	298	2715	
		393499					642257			

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 1861
Notes by _____ Time _____ Rod No. 7&8

Name LA Co. PRECISE LEVEL NET
Job No. 030102
From BM202-54 To BM202-53
Date 9-7-62
Indexed C. J. GALLI

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
	2957	393499	144	2719	#7	5668	642257	150	2715	
	2813		146			5518		150		
	2667					5368				
11	8437	28123	290	3009		16554	55180	300	3015	
	3308		145			7178		143		
	3163		145			7035		143		
	3018					6892				
12	9489	31630	290	3299		21105	70350	286	3301	
	3889		150			6745		157		
	3739		153			6588		158		
	3586					6430				
13	11214	37380	303	602		19763	65877	315	3616	
	2400		135			6498		146		
	2265		133			6352		144		
	2132					6208				
14	6797	22657	268	3868 70		19058	63527	290	3906	
	4623		148			6664		139		
	4475		146			6525		137		
15	4329					6388				
	13427	44757	294	4162 64		19577	65257	276	4187	
		558046			+3		962448			-5

F.B. 2874 P.G. 92

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 1816
Notes by R. G. Time Rod No. 188

Name LA Co PRECISE LEVEL NET
Job No. 0301.02
From BM 202-54 To BM 202-53
Date 9-7-67
Indexed C. J. GALLI

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
	3882	58046	147	4168	#7	7047	962448	142	4182	
	3735		147			6905		140		
	3588					6765				
16	11205	37350	294	44558		20717	69057	282	4464	
	3558		146			6443		144		
	3412		147			6299		146		
	3265					6153				
17	10235	34117	293	47451		18895	62983	290	4754	
	4124		142			5947		144		
	3982		142			5803		146		
	3840					5657				
18	11946	39820	284	50385		17407	58023	290	5044	
	4017		150			7140		143		
	3867		147			6997		145		
	3720					6852				
19	11604	38680	297	53382		20989	69963	288	5337	
	4280		150			6625		145		
	4130		148			6480		145		
	3982					6335				
20	12392	41307	298	56230		19440	64800	290	5627	
		149320					258720			

F.B. 2875 P.G. 93

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time Rod No. 7 & 8

Name LACo PRECISE LEVEL NET
Job No. 0301.02
From BM202-54 To BM202-53
Date 9-7-62
Indexed C. J. GALLI

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
	3730	749320	145	5628 30	#7	6404	1287274	144	5622	
	3585		145			6260		146		
	3440					6114				
21	10755	35850	290	5918 20		18778	62593	290	5917	
	4564		151			6448		146		
	4413		149			6302		147		
	4264					6155				
22	13241	44137	300	6218 20		18905	63017	293	6205	
	4048		148			6925		149		
	3900		148			6776		150		
	3752					6626				
23	11700	39000	296	6514 6		20327	67757	299	6504	
	4298		145			6737		151		
	4153		145			6586		149		
	4008					6437				
24	12459	41530	290	6804 6		19760	65867	300	6804	
	3043		150			5532		144		
	2893		151			5388		143		
25	2742					5245				
	8678	28927	301	7105 7		16165	53883	287	7091	
		938764					160.0391			

F.B. 2879 P.G. 94

76P526-CE 379—10-57

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Chief of Party A.C. GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time Rod No. 718

Name LACo PRECISE LEVEL NET
Job No. 030102
From BM 202-54 To BM 202-53
Date 9-7-62
Indexed C. J. GALLI

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
	4065	938764	142	7105	#7	6642	160.0391	150	7091	
	3923		143			6492		147		
	3780					6345				
26	11768	39227	285	7390		19479	64930	297	7388	
	3949		149			4870		145		
	3800		149			4725		145		
	3651					4580				
27	11400	38000	298	7686		14175	47250	290	7678	
	2182		145			6384		147		
	2037		143			6237		147		
	1894					6090				
28	6113	20377	288	7978		18711	62370	294	7972	
	3971		147			6646		152		
	3824		144			6494		150		
	3680					6344				
29	11475	38250	291	8269		19484	64947	302	8274	
	3925		147			6702		149		
	3778		148			6553		147		
	3630					6406				
30	11333	37777	295	8564		19661	65537	296	8570	
		110.2395					190.5425			

F.B. 2879 P.G. 95

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Chief of Party AC GUIZADO Weather CLEAR Inst. No. 18161
Notes by R.G. Time 10:00 TO 1200 Rod No. 7&8

Name LA Co PRECISE LEVEL NET
Job No. 830102
From BM 202-54 To BM 202-53
Date 9-7-62
Indexed C. J. GALLI

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
										Summation of Run
	3360	1112395	157	8562		9731	1905425	153	8570	BM 202-54 to TBM
	3203		158			9578		155		TOTAL BACKSIGHTS = 114.4422
31	3045					9423				" FORESIGHTS = 200 1198
	9608	32027	315	8857 79		28732	95773	308	8878	Diff/ELEV = 85.6776
		114 4422					2001198		8879	TBM (USC&GS #B1148 1961)
									17757 = 1.12 mi.	
	6769		54			3132		60		
	6715		56			3072		60		
	6659					3012				Summation of Run
32	20143	67143	110	110 ~~8919~~		9216	30720	120	120 ~~9003~~	TBM TO BM 202-53
	3527		147			4510		127		TOTAL BACKSIGHTS = 136100
	3380		147			4383		128		" FORESIGHTS = 13.8784
	3233					4255				Diff/ELEV = 0.2684
33	10140	33800	294	404 ~~9213~~		13148	43827	255	375 ~~9258~~	
	3594		78			6505		81		BM 202-53 (USC&GS R486)
	3516		79			6424		82		0.1 E Soledad Cn Rd & SPRR
	3437					6342				RB 2878-170
34	10547	35157	157	561 ~~9420~~		19271	64237	163	538 ~~9421~~	
		136100					138784		561	
									1099 = .07 mi.	

F.B. 2879 P.G. 96

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Chief of Party A.C. GUIZADO Weather Hot/Hazy Inst. No. 1816
Notes by A.C.G. Time 2:00 to 2:40 Rod No. 785

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301-02
From BM 202 - 54 To BM 202 - 55
Date 9-6-62
Indexed C. J. GALLI

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	6483		151		#7	2978		154		BM 202-54 (USC&GS S 486)
	6332		149			2824		154		1.2 MI E. SOLEDAD CN RD & SPRR
	6183		300			2670		308		SEE FB 2878-171
	18998	63327		300	102°	8472	28240		308	
2	4952		162			2777		170		
	4790		162			2607		167		
	4628		324			2440		337		
	14370	47900		624		7824	26080		645	
3	4828		168			2648		171		
	4660		170			2477		170		
	4490		338			2307		341		
	13978	46593		962		7432	24773		986	
4	5688		147			3782		163		
	5541		151			3619		161		
	5390		298			3458		324		
	16619	55397		1260		10859	36197		1310	
5	5689		172			3528		156		
	5517		172			3372		156		
	5345		344			3216		312		
	16551	55170		1604		10116	33720		1622	
		26.8387					149010			

F.B. 2879 P.G. 27

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party A.C. Garzado Weather Windy Inst. No. 1816
Notes by ACG Time 2:00 to 2:40 Rod No. 708

Name LACo PRECISE LEVEL NET
Job No. 0301.02
From BM 202-54 To BM 202-55
Date 9-6-62
Indexed C. J. GALLI

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
	5021	26.8387	164	1604		2770	14.9010	159	1622	
	4857		167			2611		158		
	4690		331			2453		317		
6	14568	48560		1935		7834	26113		1939	
	5442		159			3891		158		
	5283		158			3733		157		
	5125		317			3576		315		
7	15850	52833		2252		11200	37333		2254	
	5570		168			3558		157		
	5402		164			3401		158		
	5238		332			3243		315		
8	16210	54033		2584		10202	34007		2569	
	5479		160			2922		162		
	5319		159			2760		162		
	5160		319			2598		324		
9	15958	53193		2903		8280	27600		2893	
F.B. 2879 P.G. 28	5770		158			2954		164		
	5612		156			2790		162		
	5456		314			2628		326		
10	16838	56127		3217		8372	27907		3219	
		53133					80.1970			

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 A.C. GUIZADO Weather Windy Inst. No. 18161
Notes by ACG Time 2:00 to 2:40 Rod No. 788

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 202-54 To BM 202-55
Date 9-6-66
Indexed C. J. GALLI

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
	5569	53.3133	165	3217	#7	1801	30.1976	165	3219	
	5404		162			1636		166		
	5242		327		102°	1470		331		
11	16215	54050		3544		4907	16357		3550	Summation of Run
	6162		165			1963		164		BM 202-54 to BM 202-55
	5997		165			1799		167		
	5832		330			1632		331		TOTAL BACKSIGHTS = 70.8496
12	17991	59970		3874		5394	17980		3881	" FORESIGHTS = 36.3874
	6322		189			2948		191		DIFF ELEV = 34.4622
	6133		185			2757		192		
	5948		374			2565		382		
13	18403	61343		4248		8270	27567		4263	
										BM 202-55 (USCEGS V-486)
										1.7 MI E OF SOLEDAD CN RD & SPRR
										SEE FB 2878-172
										F.B. 2879 P.G. 99
		70.8496					36.3874		4263	
									4248	

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700 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 A.C. GUIZADO Weather CLEAR Inst. No. 1816
Notes by Time 9:15 To Rod No. 768

Name LA Co PRECISE LEVEL NET
Job No. 0301.02
From Bm 202-55 To Bm 202-54
Date 9-7-62
Indexed C. J. GALLI

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
	2833		190		#7	6203		187		Bm 202-55 (USC&GS V 486)
	2643		192			6016		188		1.7 E. of Soledad Cn Rd & SPRR
	2453					5828				BRR FB 2878 77
1	7929	26430	380	380		18047	60157	375	375	
	1683		163			5892		163		
	1520		165			5729		162		T R. D. SMITH
	1355					5567				
2	4558	15193	328	708		17188	57293	325	700	
	1724		162			5493		167		
	1562		164			5326		163		
	1398					5163				
3	4684	15613	326	1034		15982	53273	330	1030	
	2712		164			5533		158		
	2548		161			5375		158		
	2387					5217				
4	7647	25490	325	1359		16125	53750	316	1346	
	2855		162			5407		159		
	2673		164			5248		163		
	2529					5085				
5	8077	26923	326	1685		15740	52467	322	1668	
		109491					27.6940			

F.B. 2878 PG. 100

76P526-CE 879—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH [illegible] OR PERSON MAKING CHANGE

[illegible]

Chief of Party [illegible] Weather [illegible] Inst. No. 18161
Notes by [illegible] Time [illegible] Rod No. [illegible]

Name [illegible]
Job No. [illegible]
From [illegible]
Date [illegible]62
Indexed J. GALLI

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
	3513	10.9649	156	1685	#7	5532	27.6940	168	1668	
	3357		155			5364		164		
	3202					5200				
6	10072	33573	311	1996		16096	53653	332	2000	
	3803		156			5350		158		
	3647		157			5192		160		
	3490					5032				
7	10940	36467	313	2309		15574	51913	318	2318	
	2678		158			4928		164		
	2520		158			4764		162		
	2362					4602				
8	7560	25200	316	2625		14294	47647	326	2644	
	3573		166			5717		164		
	3407		164			5553		160		
	3243					5393				
9	10223	34077	330	2955		16663	55543	324	2968	
	3115		162			5016		149		
	2953		163			4867		145		
	2790					4722				
10	8858	29527	325	3280		14605	48683	294	3262	
		26.8493					53.4379			

F.B. 2879 P.G. 101

Date [illegible]
Ind[illegible] GAIN

Number of Station	Thread Readings	[illegible]	Thread Intervals	Sum of Intervals	[illegible]p.	Readings	Mean	[illegible] Intervals	[illegible] of Intervals	DESCRIPTION AND REMARKS
	2432	[illegible]493	[illegible]	3289	[illegible]	[illegible]	53.4379	[illegible]	[illegible]262	
	2263		[illegible]70			[illegible]		[illegible]		
	2093					[illegible]93				
11	6788	[illegible]	334	3[illegible]		[illegible]359	44530	[illegible]	3602	Summation of Run
	268[illegible]		170			[illegible]		164		BM202-[illegible]5 to BM202-54
	25[illegible]		[illegible]68			[illegible]95		166		
	234[illegible]					[illegible]				TOTAL BACKSIGHTS = 34.3757
12	7539	25127	338	[illegible]		14092	[illegible]	[illegible]73	330 3932	" FORESIGHTS = 68.8419
	2902		151			6205		152		DIFF/ELEV = 34.4662
	2751		151			[illegible]53		150		
	2600					[illegible]03				
13	7253	27510	302	[illegible]		18761	62537	302	4234	
										BM202-54 (USC&GS S486)
										1.2E Soledad Cn Rd & SPRR
										FB 2878-171

343757	4259	68.8419	4234 / 4259 / 8493 = 0.54 mi.

F.B. 2879 P.G. 102