Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2884 Pg. 5
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Oct-Nov-1962	
Date	Indexed R. J. GAIN OCT 10 '62	

J.N. 0301.02

PRECISE LEVEL NET

LINE No 11

Route

See Pg 5 of F.B. 2880

Pg 11 of F.B. 2880

F.B. 1376 - 5 To 116 and pg 254
F.B. 2880 - 5 To 56
F.B. 2990 - 57 To 250
F.B. 2992 - 7 To 248
F.B. 2994 - 7 To 248
F.B. 2995 - 7 To 70

[illegible]lind	F.E. Brooks
C.G. Valdez	J.M. Maldonado
V.L. Hockey	A.L. Gobel
R.R. [illegible]drigiez	K.M. Kapp
R.J. [illegible]drigiez	E. Martinez
	G.E. Cook
	S. Goodwin
	T. Sheets
	A. Beck

[redacted] microfilmed April '85

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76P526-CE 379--10-57

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Chief of Party E. E. Brooks Weather Foggy Inst. No. 15066
Notes by T. OHASHI Time 10:05 – Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 11-79A To B.M. 11-80
Date 10-23-62
Indexed J. Garr DEC 10

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
	3312		162		#19	5549		168		B.M. 11-79A
	3150		160			5381		167		FIRST ST. & TOWNE AVE
	2990		322			5214		335		SEE F.B. 2880-37
1.	9452	3.1507		322	62°	16144	5.3813		335	
	4664		178			5926		184		
	4486		181			5742		183		T. G. VALDEZ
	4305		359			5559		367		
2.	13455	4.4850		681		17227	5.7423		702	
	2016		180			7451		165		
	1836		177			7286		163		
	1659		357			7123		328		
3.	5511	1.8370		1038		21860	7.2867		1030	
	4930		164			5711		163		
	4766		162			5548		167		
	4604		326			5381		330		
4.	14300	4.7667		1364		16640	5.5467		1360	
	4590		170			5128		169		
	4420		168			4959		170		
	4252		338			4789		339		
5.	13262	4.4207		1702		14876	4.9587		1699	
		18.6601					28.9157			

F.B. 2884 P.G.

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Chief of Party F. E. Brook Weather HAZE Inst. No. 15066
Notes by T. OHASHI Time 10:05 - 10:40 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 11-79A To B.M. 11-80
Date 10-23-62
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
	4728	18,6601	172	1702		5704	28,9157	169	1699	
	4556		173			5535		169		
	4383		345			5366		338		
6.	13,667	4.5557		2047		16,605	5.5350		2037	
	4452		170			5440		173		Summation of Run
	4282		173			5267		172		From B.M. 11-79A
	4109		343			5095		345		To B.M. 11-80
7.	12,843	4.2810		2390		15,802	5.2673		2382	
	5156		057			6737		064		B.M. 11-80
	5099		058			6673		063		E. FIRST ST. & ELM ST.
	5041		115			6610		127		SEE F.B. 1376-71
8.	15,296	5.0987		2505	66°	20,020	6.6733		2509	

Total Backsights = + 32.5955
Total Foresights = − 46.3913
Diff. Elev. = − 13.7958

Backsight stadia = 2.505
Foresight Stadia = 2.509
Total Stadia = 5.014
= .32 Mi.

F.B. 2884 P.G. 8

32.5955 46.3913

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Chief of Party F. E. Brooks Weather Foggy Inst. No. 15066
Notes by F. E. Brooks Time 9:00-9:20 Rod No. 19 & 20

L.A. Co. Precise Level No1
Name
Job No. 0301.02
From B.M. 11-80 To BM. 11-79A
Date 25 Oct. 1962
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
	6.691		.060		#19	5.113		.056		BM. 11-80
	6.631		.061			5.057		.059		E. FIRST ST. & ELM. ST.
	6.570		.121			4.998		.115		SEE F.B. 1376-71
1.	19.892	6.6307		.121	56°	15.168	5.0560		.115	
	5.500		.174			4.478		.174		
	5.326		.174			4.304		.172		T. Cook
	5.152		.348			4.132		.346		
2.	15.978	5.3260		.469		12.914	4.3047		.461	
	5.625		.175			4.676		.168		
	5.450		.175			4.508		.168		
	5.275		.350			4.340		.336		
3.	16.350	5.4500		.819		13.524	4.5080		.797	
	5.202		.170			4.662		.164		
	5.032		.170			4.498		.168		
	4.862		.340			4.330		.332		
4.	15.096	5.0320		1.159		13.490	4.4967		1.129	
	5.100		.168			4.973		.161		
	5.532		.166			4.812		.161		
	5.366		.334			4.591		.322		
5.	16.598	5.5327		1.493		14.256	4.7520		1.451	
		27.9714					23.1174			

F.B. 2884 P.G. 9

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Chief of Party F. E. Brooks Weather Foggy Inst. No. 15066
Notes by F. E. Brooks Time 9:00 - 9:20 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-80 To B.M. 11-79A
Date 25 Oct 1962
Indexed E. J. GALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.462	27.9714	.169	1.493		2.018	23.1174	.175	1.451	
	7.293		.169			1.843		.175		
	7.124		.338			1.668		.350		
6	21.879	7.2930		1.831		5.529	1.8430		1.801	
	5.831		.172			4.591		.190		~~Summation of Run~~
	5.659		.171			4.401		.190		~~From B.M. 11-80~~
	5.488		.343			4.211		.380		To B.M. 11-79A
7.	16.978	5.6593		2.174		13.203	4.4010		2.181	
	5.440		.170		49	3.200		.160		B.M. 11-79A
	5.270		.170			3.040		.160		FIRST ST. & TOWNE AVE.
	5.100		.340			2.880		.320		SEE F.B. 2880-37
8.	15.810	5.2700		2.514	56°	9.120	3.0400		2.501	
										Total Backsights = + 46.1937
										Total Foresights = − 32.4014
										Diff. Elev. = + 13.7923
										Backsight stadia = 2.514
										Foresight Stadia = 2.501
										Total Stadia = 5.015
										= 0.32 mi.
		46.1937					32.4014			

F.B. 2887 P.G. 10

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Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 10:40 - 11:15 Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 11-80 To: B.M. 11-81
Date: 23 Oct 1962
Indexed: [redacted] 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	6.285		.159		#19	6.344		.166		B.M. 11-80
	6.126		.158			6.178		.168		FIRST ST. & ELM. ST.
	5.968		.317			5.010		.334		SEE F.B. 1376-71
	18.379	6.1263		.317	66°	15.532	5.1773		.334	
2	4.159		.139			3.466		.151		
	4.020		.139			3.315		.149		A. Valdez
	3.881		.278			3.166		.300		
	12.060	4.0200		.595		9.947	3.3157		.634	
3	5.747		.187			5.294		.185		
	5.560		.188			5.109		.187		
	5.372		.375			4.922		.372		
	16.679	5.5597		.970		15.325	5.1083		1.006	
4	4.919		.177			5.949		.177		
	4.742		.177			5.772		.176		
	4.565		.354			5.596		.353		
	14.226	4.7420		1.324		17.317	5.7723		1.359	
5	4.830		.181			5.929		.164		
	4.655		.180			5.765		.164		
	4.475		.361			5.601		.328		
	13.960	4.6553		1.685		17.295	5.7650		1.687	
		25.1033					25.1386			

F.B. 2894 P.G. 11

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 10:40 - 11:15
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-80 To: BM 11-81
Date: 23 Oct 1962
Indexed: [illegible] 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	5.140	25.1033	.177	1.685		5.868	25.1386	.175	1.687	
	4.963		.173			5.693		.173		
	4.790		1.350			5.520		.348		Summation of Run
	14.893	4.9643		2.035		17.081	5.6937		2.035	From B.M. 11-80 To B.M. 11-81
7	5.041		.176			5.991		.172		
	4.865		.176			5.819		.176		Total Backsights = + 49.6813
	4.689		.352			5.643		.348		Total Foresights = − 51.0963
	14.595	4.8650		2.387		17.453	5.8177		2.383	Diff. Elev. = − 1.4150
8	5.245		.149			5.816		.150		
	5.096		.149			5.666		.153		Backsight stadia = 3.174
	4.947		.298			5.513		.303		Foresight Stadia = 3.146
	15.288	5.0960		2.685		16.995	5.6650		2.686	Total Stadia = 6.320
										= .40 mi.
9	4.864		.174			5.884		.178		
	4.690		.174			5.706		.181		
	4.516		.348			5.525		.359		Steel tape used for foresight
	14.070	4.6900		3.033		17.115	5.7050		3.045	
10	5.033		.070		#19	3.127		.051		BM 11-81 (U.S. 311)
	4.963		.071			3.076		.050		First St. at Gordon St.
	4.892		.141			3.026		.101		
	14.888	4.9627		3.174	70°	9.229	3.0763		3.146	See F.B. 1376-72
		49.6813					51.0963			

F.B. 2284 P.G. 12

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:20 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-81 To BM11-80
Date 10-24-62
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
	3.023		052			4.923		063		BM11-81 (U.S. 311)
	2.971		051			4.860		063		First St. at Gordon St.
1	2.920		103			4.797		126		
	8.914	2.9713		103	72°	14.580	4.8600		126	See F.B. 1376-72
	5.676		185			4.648		170		Steel tape used for back sight
	5.491		182			4.478		171		T Ohashi
2	5.309		367			4.307		341		
	16.476	5.4920		470		13.433	4.4777		467	
	5.604		152			5.034		151		
	5.452		151			4.883		147		
3	5.301		303			4.736		298		
	16.357	5.4523		773		14.653	4.8843		765	
	5.629		173			4.681		178		
	5.456		175			4.503		175		
4	5.281		348			4.328		353		
	16.366	5.4553		1.121		13.512	4.5040		1.118	
	5.543		173			4.813		173		
	5.370		173			4.640		172		
5	5.197		346			4.468		345		
	16.110	5.3700		1.467		13.921	4.6403		1.463	
		24.7409					23.3663			

F.B. 2084 P.G. 13

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Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: K. M. Kapp Time: 2:20 - 3:00 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-81 To: BM 11-80
Date: 10-24-62
Indexed: [redacted] J. GALLE

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	5.747	24.7409	174	1.467		4.639	23.3663	175	1.463	
	5.573		171			4.464		172		
	5.402		345			4.292		347		
	16.722	5.5740		1.812		13.395	4.4650		1.817	Summation of Run
7	5.710		173			4.680		177		From B.M. 11-81
	5.537		177			4.503		174		To B.M. 11-80
	5.360		350			4.329		351		
	16.607	5.5357		2.162		13.512	4.5040		2.165	Total Backsights = + 49.2033
										Total Foresights = − 47.7896
8	5.071		184			5.749		187		Diff. Elev. = + 1.4137
	4.887		187			5.562		183		
	4.700		371			5.379		370		Backsight stadia = 3.156
	14.658	4.8860		2.533		16.690	5.5633		2.535	Foresight Stadia = 3.137
										Total Stadia = 6.292
										= 0.39 mi.
9	3.738		147			4.211		142		
	3.591		144			4.069		140		
	3.447		291			3.929		282		
	10.776	3.5920		2.824		12.209	4.0697		2.817	
10	5.041		167			5.980		159		BM 11-80
	4.874		165			5.821		158		First St. at Elm St.
	4.709		332			5.663		317		see F.B. 1376-71
	14.624	4.8747		3.156		17.464	5.8213		3.134	
		49.2033					47.7896			

F.B. 2884 P.G. 14

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by T. OHASHI Time 11:20 - 12:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-81 To B.M. 11-83A
Date 10-23-62
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
	3251		051		#19	5172		055		B.M. 11-81
	3200		051			5117		059		GORDON ST. & S.P.R.R.
	3149		102			5058		114		SEE F.B. 1376-72
1.	9.600	3.2000		.102		15.347	5.1157		.114	← Steel tape used for backsight
	2680		203			6618		208		
	2477		206			6410		210		K. KAPP
	2271		409			6200		418		
2.	7.428	2.4760		.511	70°	19.228	6.4093		.532	
	4938		170			5272		176		
	4768		173			5096		178		
	4595		343			4918		354		
3	14.301	4.7670		.854		15.286	5.0953		.886	
	5280		172			5880		172		
	5108		171			5708		176		
	4937		343			5532		348		
4.	15.325	5.1083		1.197		17.120	5.7067		1.234	
	5870		178			6460		162		
	5692		181			6298		166		
	5511		359			6132		328		
5.	17.073	5.6910		1.556		18.890	6.2967		1.562	
		21.2423					28.6237			

F.B. 2664 P.G. 15

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: HAZY Inst. No. 15066
Notes by: T. OHASHI Time: 11:20 - 12:00 Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-81 To B.M. 11-83A
Date 10-23-62
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
	4611	21.2423	166	1556		6150	28.6237	180	1562	
	4445		165			5970		180		
	4280		331			5790		360		
6.	13336	4.4453		1.887		17910	5.9700		1.922	
	4118		177			6292		160		Summation of Run
	3941		176			6132		162		From B.M. 11-81
	3765		353			5970		322		To B.M. 11-83A
7.	11824	3.9413		2.240		18394	6.1313		2.244	
	5152		164			5241		163		Total Backsights = + 40.5706
	4988		168			5078		165		Total Foresights = − 52.0533
	4820		332			4913		328		Diff. Elev. = − 11.4827
8.	14960	4.9867		2.572		15232	5.0773		2.572	
	6119		163			6390		139		B.M. 11-83A
	5956		166			6251		139		FIRST ST. & WHITE ST.
	5790		329			6112		278		SEE F.B. 2880-38
F.B. 2884 P.G. 16 9.	17865	5.9550		2.901	68°	18753	6.2510		2.850	
										Backsight stadia = 2.901
										Foresight Stadia = 2.850
										Total Stadia = 5.751
										= .36 MILES
		40.5706					52.0533			

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:55–2:15 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM. 11-83A To BM. 11-81
Date 24 Oct 1962
Indexed S. 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
	5.881		.152		#19	5.585		.152		B.M. 11-83A
	5.729		.149			5.433		.151		FIRST ST. & WHITE ST.
	5.580		.301			5.282		.303		SEE F.B. 2880-38
1.	17.190	5.7300		.301	68°	16.300	5.4333		.303	
	5.350		.165			5.262		.170		
	5.185		.164			5.092		.167		T. Valdez
	5.021		.329			4.925		.337		
2.	15.556	5.1853		.630		15.279	5.0930		.640	
	6.370		.164			4.184		.169		
	6.206		.166			4.018		.172		
	6.040		.330			3.846		.341		
3.	18.616	6.2053		.960		12.048	4.0180		.981	
	5.812		.170			4.290		.175		
	5.642		.172			4.115		.174		
	5.470		.342			3.941		.349		
4	16.924	5.6413		1.302		12.346	4.1153		1.330	
	6.461		.170			5.860		.174		
	6.291		.169			5.686		.173		
	6.122		.339			5.513		.347		
5.	18.874	6.2913		1.641		17.059	5.6863		1.677	
		29.0532					24.3458			

F.B. 2884 P.G. 17

PLEASE RETURN TO
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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: E. E. Brooks — Weather: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 1:55 – 2:15 — Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 11-83A To: BM 11-81
Date: 24 Oct 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
	5.870	29.0532	.181	1.641		5.253	24.3459	.164	1.677	
	5.689		.180			5.089		.160		
	5.509		.361			4.929		.324		
6.	17.068	5.6893		2.002		15.271	5.0903		2.001	
	5.409		.178			5.072		.171		Summation of Run
	5.231		.178			4.901		.171		From B.M. 11-83A
	5.053		.356			4.730		.342		To B.M. 11-81
7.	15.693	5.2310		2.358		14.703	4.9010		2.347	
	6.722		.210			2.791		.210		Total Backsights = + 51.6595
	6.512		.208			2.581		.212		Total Foresights = – 40.17~~52~~ 43
	6.304		.418			2.369		.422		Diff. Elev. = + 11.48~~75~~ 52
8.	19.538	6.5127		2.776		7.741	2.5803		2.765	
	5.289		.056		#19	3.310		.052		B.M. 11-81
	5.173		.055			3.258		.053		GORDAN ST. & S.P.R.R.
	5.118		.111			3.205		.105		SEE F.B. 1376-72
9	15.520	5.1733		2.887	72°	9.773	3.2577		2.870	
						steel tape used for sights				Backsight stadia = 2.887
										Foresight Stadia = 2.870
										Total Stadia = 5.757
										= .36 mi.
		51.6595					40.17~~52~~ 43			

F.B. 2884 P.G. 18

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks Weather: Clear Inst. No.: 15066
Notes by: F. E. Brooks Time: 12:50 – 1:45 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 03.01.02
From: BM 11-83A To: BM 11-84A
Date: 23 Oct 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
	2.649		.148		#19	5.997		.157		BM 11-83A
	2.501		.149			6.840		.159		First St. at White
1	2.352		.297			5.681		.316		Ave
	7.502	2.5007		.297	74°	17.518	5.8393		.316	See F.B. 2880-38
	2.569		.158			6.278		.155		
	2.411		.158			6.123		.153		π Kapp
2	2.253		.316			5.970		.308		
	7.233	2.4110		.613		18.371	6.1237		.624	
	4.729		.169			5.949		.171		
	4.560		.171			5.778		.169		
3	4.389		.340			5.609		.340		
	13.678	4.5593		.953		17.336	5.7787		.964	
	6.120		.158			6.462		.161		
	5.962		.154			6.301		.162		
4	5.808		.312			6.139		.323		
	17.890	5.9633		1.265		18.902	6.3007		1.287	
	5.631		.143			6.259		.146		
	5.488		.146			6.113		.143		
5	5.342		.289			5.970		.289		
	16.461	5.4870		1.554		18.342	6.1140		1.576	
		20.9213					30.1564			

F.B. 2884 P.G. 19

PLEASE RETURN TO
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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: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 12:50 – 1:45
Inst. No.: 15066
Rod No.: 19-20
Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM11-83A To: BM11-84A
Date: 23 Oct 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
6	4.877	20.9213	.162	1.554		6.472	30.1564	.164	1.576	
	4.715		.158			6.308		.168		
	4.557		.328			6.140		.332		
	14.149	4.7163		1.874		18.920	6.3067		1.908	
7	4.789		.170			6.398		.168		
	4.619		.169			6.230		.169		
	4.450		.339			6.061		.337		
	13.858	4.6193		2.213		18.689	6.2297		2.245	
8	4.450		.205			6.401		.199		
	4.245		.205			6.202		.200		
	4.040		.410			6.002		.399		
	12.735	4.2450		2.623		18.605	6.2017		2.644	
9	4.782		.164			6.259		.167		
	4.618		.167			6.092		.163		
	4.451		.331			5.929		.330		
	13.851	4.6170		2.954		18.280	6.0933		2.974	
10	4.803		.185			6.218		.159		
	4.618		.188			6.059		.159		
	4.430		.373			5.900		.318		
	13.851	4.6170		3.327		18.177	6.0590		3.292	
		43.7359					61.0436			

F.B. ..... P.G. 20

76P526-CE 379—10-57

PLEASE RETURN TO
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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 12:50-1:45 Rod No. 19-20

Name
Job No. 6301.02
From BM 11-83A To BM 11-84A
Date 23 Oct 1962
Indexed R. J. Gatti

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	4.727	43.7359	.165	3.327		6.259	61.0435	.175	3.292	
	4.562		.164			6.084		.172		
	4.398		.329			5.912		.347		
	13.687	4.6623		3.656		18.255	6.0850		3.639	
12	4.731		.163			6.352		.178		
	4.568		.166			6.174		.174		
	4.402		.329			6.000		.352		
	13.701	4.5670		3.985		18.526	6.1753		3.991	
13	4.969		.168			6.469		.170		
	4.801		.171			6.299		.169		
	4.630		.339			6.130		.339		
	14.400	4.8000		4.324		18.898	6.2993		4.330	
14	4.190		.158			5.618		.160		
	4.032		.154			5.458		.161		
	3.878		.312			5.297		.321		
	12.100	4.0333		4.636		16.373	5.4577		4.651	
15	5.142		.165			5.973		.167		
	4.977		.169			5.806		.168		
	4.808		.334			5.638		.335		
	4.927	4.9757		4.970		17.417	5.8057		4.986	
		66.6942					90.8665			

F.B. P.G.

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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 12:50 - 1:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-83A To BM 11-84A
Date 23 Oct 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
16	4.912	6.6742	.170	4.970		6.603	90.8605 97	.173	4.986	
	4.742		.170			6.430		.172		
	4.571		.341			6.258		.345		
	14.225	4.7417		5.311		19.291	6.4303		5.331	
17	5.293		.093		#19	6.283		.095		BM 11-84A
	5.200		.094			6.188		.098		W. Second St. at Oak Ave
	5.106		.187			6.090		.193		
	15.599	5.1997		5.498	76°	18.561	6.1870		5.524	See F.B. 2880-39
										Summation of Run From B.M. 11-83A To B.M. 11-84A
F.B. 22 P.G.										Total Backsights = + 76.6156 Total Foresights = − 103.48~~38~~ 70 Diff. Elev. = − 26.8~~682~~ 714 715
										Backsight stadia = 5.498 Foresight Stadia = 5.524 Total Stadia = 11.022 = .70 mi.
		76.6156					103.48~~38~~ 70			

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76P526-CE 379--10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: K. M. Kapp Time: 1:00 - 1:55 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-84A To: BM11-83A
Date: 10-24-62
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	6.240		097		19	5.252		094		BM 11-84A
	6.143		096			5.158		095		W. Second St. at Oak Ave
	6.047		193			5.063		189		
	184.30	6.1433		193	66°	15.473	5.1577		189	See F.B. 2880-39
2	6.488		171			4.800		170		
	6.317		170			4.630		170		T Cook
	6.147		341			4.460		340		
	18.952	6.3173		534		13.890	4.6300		529	
3	5.800		171			4.968		167		
	5.629		169			4.801		170		
	5.460		340			4.631		337		
	16.889	5.6297		874		14.400	4.8000		866	
4	5.510		160			4.082		155		
	5.350		160			3.927		159		
	5.190		320			3.768		314		
	16.050	5.3500		1.194		11.777	3.9257		1.180	
5	6.291		169			4.796		168		
	6.122		169			4.628		169		
	5.953		338			4.459		337		
	18.366	6.1220		1.532		13.883	4.6277		1.517	
		29.5623					23.1411			

F.B. P.G. 63

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 1:00 – 1:55 Rod No. 19-20

Name L. A. Co. Precise Level No.
Job No. 0301.02
From BM11-84A To BM11-83A
Date 10-24-62
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
6	6.241	29.5623	171	1.532		4.631	23.1411	170	1.517	
	6.070		170			4.461		170		
	5.900		341			4.291		340		
	18.211	6.0703		1.873		13.383	4.4610		1.857	
7	6.321		168			4.800		170		
	6.153		164			4.630		170		
	5.989		332			4.460		340		
	18.463	6.1543		2.205		13.890	4.6300		2.197	
8	6.260		170			4.825		176		
	6.090		170			4.649		176		
	5.920		340			4.473		352		
	18.270	6.0900		2.545		13.947	4.6490		2.549	
F.B. P.G. 24 9	6.151		163			4.679		167		
	5.988		164			4.512		165		
	5.824		327			4.347		332		
	17.963	5.9877		2.872		13.538	4.5127		2.881	
10	5.917		200			3.963		202		
	5.717		202			3.761		203		
	5.515		402			3.558		405		
	17.149	5.7163		3.274		11.282	3.7607		3.286	
		59.5809					45.1545			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 1:00 - 1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-84A To BM11-83A
Date 10-24-62
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
11	6.368	59.5809	168	3.274		4.762	45.1545	171	3.286	
	6.200		165			4.591		169		
	6.035		333			4.422		340		
	18.603	6.2010		3.607		13.775	4.5917		3.626	
12	6.452		163			4.858		160		
	6.289		167			4.698		160		
	6.122		330			4.538		320		
	18.863	6.2877		3.937		14.094	4.6980		3.946	
13	6.049		141			5.425		145		
	5.908		140			5.280		148		
	5.768		281			5.132		293		
	17.725	5.9083		4.218		15.837	5.2790		4.239	
14	6.490		160			6.149		159		
	6.330		160			5.990		158		
	6.170		320			5.832		317		
	18.990	6.3300		4.538		17.971	5.9903		4.556	
15	5.942		170			4.722		170		
	5.772		170			4.552		170		
	5.602		340			4.382		340		
	17.316	5.7720		4.878		13.656	4.5520		4.896	
		90.0799					70.2655			

F.B. P.G. 25

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Weather: Hazy
Inst. No.: 15066
Notes by: K. M. Kapp
Time: 1:00 – 1:55
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-84A To: BM 11-83A
Date: 10-24-62
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
16	6.320	90.0799	156	4.878		2.610	70.2655	159	4.896	
	6.164		154			2.451		160		
	6.010		310			2.291		319		
	18.494	6.1647		5.188		7.352	2.4507		5.215	
17	5.876		160			2.525		147		BM 11-83A
	5.716		158			2.378		150		First St. at White
	5.558		318			2.228		297		Ave
	17.150	5.7167		5.506	68°	7.131	2.3770		5.512	See F.B. 2880-38
										Summation of Run From B.M. 11-84 A To B.M. 11-83 A
F.B. 26 PG.										Total Backsights = + 101.9613 Total Foresights = – 75.0932 Diff. Elev. = + 26.8681
										Backsight stadia = 5.506 Foresight Stadia = 5.512 Total Stadia = 11.018 = .170 mi.
		101.9613					75.0932			

76P526-CE 379—10-57

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 Inst. No. 15066
Notes by T. OHASHI Time 1:45 – 3:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-84A To B.M. 11-85
Date 10-23-62
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
	4830		172		#19	5625		175		B.M. 11-84A
	4658		172			5450		176		W. SECOND ST. & S. OAK AVE.
	4486		344			5274		351		SEE F.B. 2880-39
1.	13974	4.6580		.344	76°	16.349	5.4497		.351	
	4648		165			6261		163		
	4483		164			6098		166		TK G.E. COOK
	4319		329			5932		329		
2.	13450	4.4833		.673		18.291	6.0970		.680	
	4300		140			6213		143		
	4160		140			6070		140		
	4020		280			5930		283		
3.	12480	4.1600		.953		18.213	6.0710		.963	
	5165		169			6391		174		
	4996		168			6217		174		
	4828		337			6043		348		
4.	14989	4.9963		1.290		18.651	6.2170		1.311	
	4209		157			5642		151		
	4052		153			5491		147		
3999	3899		310			5344		298		
5.	12160	4.0533		1.600		16.477	5.4923		1.609	
		22.3509					29.3270			

F.B. P.G. 37

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 F. E. Brooks Weather CLEAR Inst. No. 15066
Notes by T. OHASHI Time 1:45 – 3:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-84A To BM 11-85
Date 10-23-62
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
	4220	22.3509	148	1.600		5490	29.3270	155	1.609	
	4072		147			5335		159		
	3925		295			5176		314		
6	12.217	4.0723		1.895		16.001	5.3337		1.923	
	5215		165			5517		169		
	5050		166			5348		166		
	4884		331			5182		335		
7	15.149	5.0497		2.226		16.047	5.3490		2.258	
	3270		166			4950		176		
	3104		164			4774		175		
	2940		330			4599		351		
8	9.314	3.1047		2.556		14.323	4.7743		2.609	
	4695		185			5984		153		
	4510		182			5831		152		
	4328		367			5679		305		
9	13.533	4.5110		2.923		17.494	5.8313		2.914	
	5020		163			6045		166		
	4857		164			5879		168		
	4693		327			5711		334		
10	14.570	4.8567		3.250		17.635	5.8783		3.248	
		43.9453					56.4936			

F.B. ..... P.G. 29

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: E. E. Brooks
Weather: Clear
Inst. No.: 15066
Notes by: T. OHASHI
Time: 1:45 – 3:00
Rod No.: 19 & 20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: B.M. 11-84A To: B.M. 11-85
Date: 10-23-62
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
	5122	43.9453	161	3.250		6108	56.4936	164	3.248	
	4961		163			5944		165		
	4798		324			5779		329		
11	14.881	4.9603		3.574		17.831	5.9437		3.577	
	4986		181			6293		175		
	4805		180			6118		175		
	4625		361			5943		350		
12	14.416	4.8053		3.935		18.354	6.1180		3.927	
	3899		151			5446		161		
	3748		153			5285		161		
	3595		304			5124		322		
13	11.242	3.7473		4.239		15.855	5.2850		4.249	
	3806		166			5506		164		
	3640		164			5342		167		
	3476		330			5175		331		
14	10.922	3.6407		4.569		16.023	5.3410		4.580	
	3808		161			5475		163		
	3647		164			5312		161		
	3483		325			5151		324		
15	10.938	3.6460		4.894		15.938	5.3127		4.904	
		64.7449					84.4940			

F.B. P.G. 29

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 Inst. No. 15066
Notes by T. OHASHI Time 1:45 – 3:00 Rod No. 19920

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 11-84A To B.M. 11-85
Date 10-23-62
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
	3786	6.7449	154	4.894		5440	8.4940	149	4.904	
	3632		150			5291		145		
	3482		304			5146		294		
16.	10900	3.6333		5.198		15877	5.2923		5.198	
	3842		155			6401		166		Summation of Run
	3687		155			6235		165		From B.M. 11-84A
	3532		310			6070		331		To B.M. 11-85
17.	11061	3.6870		5.508		18706	6.2353		5.529	
	4321		181			5802		191		B.M. 11-85
	4140		184			5611		191		W. SECOND ST. BY HIGHWAY "60"
	3956		365			5420		382		SEE F.B. 1376-76
18	12417	4.1390		5.873	80°	16833	5.6110		5.911	
										Total Backsights = + 76.2042
										Total Foresights = – 101.6326
										Diff. Elev. = – 25.4284
										Backsight stadia = 5.873
										Foresight Stadia = 5.911
										Total Stadia = 11.784
										= .75 MILES
		76.2042					101.6326			

F.B. P.G. 30

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: F. E. Brooks
Notes by: F. E. Brooks
Weather: Foggy
Time: 11:00 – 11:55
Inst. No.: 15066
Rod No.: 19 & 20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: B.M. 11-85 To: B.M. 11-84A
Date: 24 Oct 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
	5.749		.188		#19	4.272		.183		B.M. 11-85
	5.561		.188			4.089		.186		W. SECOND ST. BY HIGHWAY "60"
	5.373		.376			3.903		.369		SEE F.B. 1376-76
1.	16.683	5.5610		.376	58°	12.264	4.0880		.369	
	6.380		.166			3.820		.153		
	6.214		.164			3.667		.156		π Ohashi
	6.050		.330			3.511		.309		
2.	18.644	6.2147		.706		10.998	3.6660		.678	
	6.321		.147			4.671		.152		
	6.174		.146			4.519		.155		
	6.028		.293			4.364		.307		
3	18.523	6.1743		.999		13.554	4.5180		.985	
	6.469		.161			4.802		.162		
	6.308		.165			4.640		.162		
	6.143		.326			4.478		.324		
4	18.920	6.3067		1.325		13.920	4.6400		1.309	
	6.397		.168			4.695		.165		
	6.229		.168			4.530		.168		
	6.061		.336			4.362		.333		
5.	18.687	6.2290		1.661		13.587	4.5290		1.642	
		30.4857					21.4410			

F.B. P.G. 3

PLEASE RETURN TO
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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 F. E. Brooks Weather Foggy Inst. No. 15066
Notes by F. E. Brooks Time 11:00 - 11:55 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 030102
From B.M. 11-85 To B.M. 11-84A
Date 24 Oct 1962
Indexed C. J. BALD

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
	6.143	30.4857	.161	1.661		4.599	21.4410	.156	1.642	
	5.982		.161			4.443		.153		
	5.821		.322			4.290		.309		
6.	17.946	5.9820		1.983		13.332	4.4440		1.951	
	6.379		.178			5.071		.181		
	6.201		.178			4.890		.182		
	6.023		.356			4.708		.367		
7.	18.603	6.2010		2.339		14.669	4.8897		2.314	
	6.020		.166			5.032		.162		
	5.854		.164			4.870		.162		
	5.690		.330			4.708		.324		
8	17.564	5.8547		2.669		14.610	4.8700		2.638	
	5.932		.164			4.910		.164		
	5.768		.167			4.746		.165		
	5.601		.331			4.581		.329		
9	17.301	5.7670		3.000		14.237	4.7457		2.967	
	5.866		.157			4.568		.180		
	5.709		.158			4.388		.180		
	5.551		.315			4.208		.360		
10.	17.126	5.7087		3.315		13.164	4.3880		3.327	
		59.9991					44.7784			

F.B. ..... P.G. 32

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Foggy Inst. No. 15066
Notes by F. E. Brooks Time 11:00 – 11:55 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-85 To B.M. 11-84A
Date 24 Oct 1962
Indexed C. J. GAIT

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
	5.684	59.9991	.176	3.315		4.005	44.9784	.167	3.327	
	5.508		.179			3.838		.169		
	5.329		.355			3.670		.375		
11	16.521	5.5070		3.670		11.513	3.8377		3.662	
	5.487		.168			5.183		.164		
	5.319		.169			5.019		.164		
	5.150		.337			4.855		.330		
12	15.956	5.3187		4.007		15.055	5.0183		3.992	
	5.421		.158			4.150		.149		
	5.263		.155			4.001		.149		
	5.108		.313			3.852		.298		
13	15.792	5.2640		4.320		12.003	4.0010		4.290	
	6.029		.154			4.589		.152		
	5.875		.153			4.437		.153		
	5.722		.307			4.284		.305		
14	17.626	5.8753		4.627		13.310	4.4367		4.595	
	6.531		.177			5.302		.169		
	6.354		.175			5.133		.166		
	6.179		.352			4.967		.335		
15	19.064	6.3547		4.979		15.402	5.1340		4.930	
		88.3188					47.2061			

F.B. P.G. 77

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Foggy
Time: 11:00 – 11:55
Inst. No. 15066
Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-85 To B.M. 11-84A
Date: 24 Oct 1962
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
	6.092	88.3188	.143	4.979		4.180	67.2061	.142	4.930	
	5.949		.142			4.038		.140		
	5.807		.285			3.898		.282		
16	17.848	5.9493		5.264		12.116	4.0387		5.212	
	5.560		.153			3.968		.176		Summation of Run
	5.407		.156			3.792		.173		From B.M. 11-85
	5.251		.309			3.619		.349		To B.M. 11-84A
17	16.218	5.4060		5.573		11.379	3.7930		5.561	
	6.195		.177		#19	5.399		.175		B.M. 11-84A
	6.018		.179			5.224		.173		W. SECOND ST. & S. OAK AVE
	5.839		.356			5.051		.348		SEE F.B. 2880-39
18	18.052	6.0173		5.929	62°	15.674	5.2247		5.909	
										Total Backsights = + 105.6914
										Total Foresights = − 80.2625
										Diff. Elev. = + 25.4289
										Backsight stadia = 5.929
										Foresight Stadia = 5.909
										Total Stadia = 11.838
										= .75 mi.
		105.6914					80.2625			

F.B. ..... P.G. 34

76P526-CE 379—10-57

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 Inst. No. 15066
Notes by E. E. Brooks Time 3:05 - 10:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM11-85 To BM11-86
Date 23-24 Oct 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
1	7.553		.165		#19	5.803		.155		BM11-85
	7.388		.168			5.648		.158		Second St. near Hwy
	7.220		.333			5.490		.313		60 see F.B. 1376-76
	22.161	7.3870		.333	80°	16.941	5.6470		.313	
2	6.168		.166			5.501		.160		
	6.002		.163			5.341		.160		T Valdez
	5.839		.329			5.181		.320		
	18.009	6.0030		.662		16.023	5.3410		.633	
3	7.951		.090			11.086		.082		
	3.861		.092			11.004		.079		
	3.769		.182			10.925		.161		
	11.581	3.8603		.844		33.015	11.0050		.794	
4	1.474		.077			7.482		.082		
	1.397		.077			7.400		.083		
	1.320		.154			7.317		.165		
	4.191	1.3970		.998		22.199	7.3997		.959	
5	4.338		.177			7.288		.178		
	4.161		.173			7.110		.177		
	3.988		.350			6.933		.355		
	12.487	4.1623		1.348		21.331	7.1103		1.314	
		22.8096					36.5030			
		3					22			

F.B. _____ P.C. _____

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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 - Foggy
Time: 3:05 - 10:15
Inst. No.: 150LL
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM11-85 To: BM11-86
Date: 23-24 Oct 1962
Indexed: E. J. GAUN

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	5.268	22.8096	.121	1.348	#19	6.010	36.5030	.121	1.314	TBM
	5.142		.122			5.889		.122		stop 3:30
	5.020		248			5.767		.243		
	15.430	5.1433		1.596	82°	17.666	5.8887		1.557	
7	4.243		.086		#19	5.814		.086		start 9:45 foggy
	4.157		.087			5.728		.088		
	4.070		.173			5.640		.174		
	12.470	4.1567		1.728	81°	17.182	5.7273		1.731	
8	4.389		.147			6.146		.168		
	4.242		.145			5.978		.169		
	4.097		.292			5.809		.337		
	12.728	4.2427		2.061		17.933	5.9778		2.365	
9	4.171		.161			6.861		.159		
	4.010		.161			6.702		.155		
	3.849		.322			6.547		.314		
	12.030	4.0100		2.383		20.110	6.7033		2.382	
10	4.265		.161			6.338		.159		
	4.104		.161			6.179		.159		
	3.943		.322			6.020		.318		
	12.312	4.1040		2.705		18.537	6.1790		2.700	
		44.4663					66.9793			

F.B. 74 P.G.

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks Weather: Foggy Inst. No. 15066
Notes by: F. E. Brooks Time: 3:05 - 10:16 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 6301.02
From: BM 11-85 To: BM 11-86
Date: 23-24 Oct 1962
Indexed: B. J. GALIN

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	7.300	44.4663	.183	2.705		2.446	66.9792	.179	2.700	
	7.117		.187			2.267		.179		
	6.930		.370			2.090		.358		
	21.347	7.1157		3.075		6.807	2.2690		3.059	Summation of Run
12	7.150		.177			4.807		.178		From B.M. 11-85
	6.973		.173			4.629		.178		To B.M. 11-86
	6.600		.350			4.451		.358		
	20.923	6.9743		3.425		13.837	4.6290		3.414	
13	6.726		.159		419	4.189		.139		BM 11-86 (Metropolitan 62D)
	6.569		.160			4.050		.138		on S.P.R.R. near inter of
	6.409		.319			3.912		.377		Vernon Ave and Bellevue Ave
	19.736	6.5787		3.744	56°	12.151	4.0503		3.791	see F.B. 1376-77
										Total Backsights = + 65.1250
										Total Foresights = − 77.9276
										Diff. Elev. = −12.8026
										Backsight stadia = 3.744
										Foresight Stadia = 3.791
										Total Stadia = 7.535
										= .48 mi.
		65.1250					77.9276			

F.B. P.G. 77

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: F. E. Brooks Weather: Foggy Inst. No.: 15066
Notes by: L. M. Kapp Time: 10:20 - 11:00 Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM11-86 To: BM11-85
Date: 24 Oct 1962
Indexed: R. J. GAUM

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	4.858		133		19	7.412		167		BM 11-86 (Metropolitan 620)
	4.725		132			7.245		167		on S.P.R.R. near inter of Vernon
	4.593		265			7.078		334		Ave and Bellevue Ave
	14.176	4.7253		265	56°	21.735	7.2450		334	See F.B. 1376-77
2	4.602		188			6.922		164		
	4.414		186			6.758		166		T Cook
	4.228		374			6.592		330		
	13.244	4.4147		639		20.272	6.7573		664	
3	2.568		186			7.408		176		
	2.382		183			7.232		174		
	2.199		369			7.058		350		
	7.149	2.3830		1.008		21.698	7.2327		1.014	
F.B. ____ P.G. 38 4	6.381		159			4.306		160		
	6.222		160			4.146		160		
	6.062		319			3.986		320		
	18.665	6.2217		1.327		12.438	4.1460		1.334	
5	6.737		160			4.043		161		
	6.577		159			3.882		161		
	6.418		319			3.721		322		
	19.732	6.5773		1.636		11.646	3.8820		1.656	
		24.3220					29.2630			

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 F. E. Brooks Weather Foggy Inst. No. 15066
Notes by K.M. Kapp Time 10:20–11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-86 To BM11-85
Date 24 Oct 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
6	6.043	24.3220	160	1.636		4.302	29.2630	154	1.656	
	5.883		160			4.148		156		
	5.723		320			3.992		310		
	17.649	5.8830		1.956		12.442	4.1473		1.966	
7	5.830		088			4.259		087		
	5.742		089			4.172		085		
	5.653		177			4.087		172		
	17.225	5.7417		2.143		12.518	4.1727		2.138	
8	5.876		124			5.130		123		
	5.752		123			5.007		124		
	5.629		247			4.883		247		
	17.257	5.7523		2.380		15.020	5.0067		2.385	
9	7.252		175			4.300		173		
	7.077		179			4.127		174		
	6.898		354			3.953		347		
	21.227	7.0757		2.734		12.380	4.1267		2.732	
10	7.493		082			1.488		079		
	7.411		083			1.409		079		
	7.328		165			1.330		158		
	22.232	7.4107		2.899		4.227	1.4090		2.890	
		56.1854					48.1254			

F.B. P.G. 79

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 F. E. Brooks Weather Foggy Inst. No. 15066
Notes by K M Kipp Time 10:20 – 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-86 To BM11-85
Date 24 Oct 1962
Indexed [redacted] L. 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	11.548	56.1854	081	2.~~899~~ 90		4.412	48.1254	090	2.890	
	11.467		083			4.322		090		
	11.384		164			4.232		180		
	34.399	11.4663		3.0~~83~~ 7		12.966	4.3220		3.070	Summation of Run
12	5.440		160			6.107		165		From B.M. 11-86
	5.280		160			5.942		162		To B.M. 11-85
	5.120		320			5.780		327		
	15.840	5.2800		3.3~~83~~ 9		17.829	5.9430		3.397	
13	5.336		157			7.083		165		BM11-85
	5.179		159			6.918		167		Second St. near Hwy.
	5.020		316			6.751		332		160 See F.B. 1376-76
	15.535	5.1783		3.6~~99~~ 70	58°	20.752	6.9173		3.729	
F.B. ~~1284~~ P.G. 40										Total Backsights = + 78.1100
										Total Foresights = – 65.3077
										Diff. Elev. = + 12.8023
										Backsight stadia = 3.~~699~~ 70
										Foresight Stadia = 3.729
										Total Stadia = 7.488
										= .47 mi.
		78.1100					65.3077			

76P526-CE 379—10-57

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 Foggy Inst. No. 15066
Notes by K. M. Kapp Time 10:30 - 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-86 To BM 11-87
Date 10-25-62
Indexed G. J. GAIN

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	3.592		098		19	5.777		126		BM 11-86 (Metropolitan C20)
	3.494		098			5.651		122		on S.P.R.R. near inter.
	3.396		196			5.529		248		of Vernon Ave and Bellevue Ave
	10.482	3.4940		196	56°	16.957	5.6523		248	See F.B. 1376-77
2	5.005		177			5.822		158		
	4.828		178			5.664		159		T. Valdez
	4.650		355			5.505		317		
	14.483	4.8277		551		16.991	5.6637		565	
3	5.111		163			6.110		167		
	4.948		167			5.943		165		
	4.781		330			5.778		332		
	14.840	4.9467		881		17.831	5.9437		897	
4	4.489		169			6.630		166		
	4.320		170			6.464		165		
	4.150		339			6.299		331		
	12.959	4.3197		1.220		19.393	6.4643		1.228	
5	4.411		160			6.522		160		
	4.251		159			6.362		159		
	4.092		319			6.203		319		
	12.754	4.2513		1.539		19.087	6.3623		1.547	
		21.8394					30.0863			

F.B. 2884 L.P.G. 41

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 Foggy Inst. No. 15066
Notes by K.M. Kapp Time 10:30 - 11:05 Rod No. 19520

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-86 To BM 11-87
Date 10-25-62
Indexed G. J. GAIN

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	4.412	21.8394	164	1.539		6.585	30.0863	165	1.547	
	4.248		168			6.420		164		
	4.080		332			6.256		329		
	12.740	4.2467		1.871		19.261	6.4203		1.876	
7	4.470		162			6.701		170		Summation of Run From B.M. 11-86 To B.M. 11-87
	4.308		164			6.531		171		
	4.144		326			6.360		341		
	12.922	4.3074		2.197		19.592	6.5307		2.217	
8	4.630		144			6.293		127		BM 11-87
	4.486		146			6.166		126		on S.P. RR near inter. of Vernon
	4.340		290			6.040		253		Ave and Rosecrans St.
	13.456	4.4853		2.487	58	18.499	6.1663		2.470	See F.B. 1376-79
										Total Backsights = + 34.8788
										Total Foresights = − 49.2036
										Diff. Elev. = −14.3248
										Backsight stadia = 2.487
										Foresight Stadia = 2.470
										Total Stadia = 4.957
										= 0.32 mi.
		34.8788					49.2036			

F.B. 2884 PG. 42

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 F. E. Brown
Notes by Cook
Weather Clear
Time 2:25 TO 3:00
Inst. No. 15066
Rod No. 19-20

Name C.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-87 To BM 11-86
Date Oct 26-62
Indexed R. J. GAUM

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	6.051		124		75/19	4.389		147		BM 11-87,
	5.927		127			4.242		143		on S.P.R.R. Nom. Ins. of
	5.800					4.099				Vernon Ave & Riverside St
	17.778	5.9260	251	251	70°	12.730	4.2433	290	290	See FB 1376-78
2	6.480		181			4.227		154		OHASHI
	6.299		180			4.073		152		
	6.119					3.921				
	18.898	6.2993	361	612		12.221	4.0737	306	596	
3	6.281		165			4.109		168		
	6.116		166			3.941		164		
	5.950					3.777				
	18.347	6.1157	331	943		11.827	3.9423	332	928	
4	6.290		159			4.179		159		
	6.131		160			4.020		159		
	5.971					3.861				
	18.392	6.1307	319	1262		12.060	4.0200	318	1246	
5	6.319		161			4.187		176		
	6.158		161			4.011		172		
	5.997					3.839				
	18.474	6.1580	322	1584		12.037	4.0123	358	1604	
		30.6297					20.2916			

F.B. 2084 P.G. 43

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: Brooks F. E. Brooks Weather: Clear Inst. No. 15066
Notes by: Cook Time: 2:25 - 3:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 11-87 To BM 11-86
Date: Oct 26, 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
6	5.822	30.6297	173	1584		4.809	20.2916	159	1604	Summation of Run
	5.649		177			4.650		159		From B.M. 11-87
	5.472					4.491				To B.M. 11-86
	16.943	5.6477	350	1934		13.950	4.6500	318	1922	
7	5.649		170			4.811		169		Total Backsights = + 47.0860
	5.479		169			4.642		167		Total Foresights = − 32.7543
	5.310					4.475				Diff. Elev. = + 14.3317
	16.438	5.4793	339	2273		13.928	4.6427	336	2258	
8	5.431		102		#19	3.275		106		BM 11.86 (Metropolitan
	5.329		101			3.169		103		62-D) S.P.R.R Near
	5.228					3.066				Ins Vernon Ave &
	15.988	5.3293	203	2478	70°	9.510	3.1700	209	2467	Bellevue Ave, See FB 1376-77
F.B. 2884 P.G. 44										Backsight stadia = 2478
										Foresight Stadia = 2467
										Total Stadia = 4.940
										= 0.32
		47.0860					32.7543			

76P526-CE 379---10-57

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 Foggy Inst. No. 15066
Notes by F. E. Brooks Time 11:10-11:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-87 To BM 11-88
Date 25 Oct 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
1	4.860		.162		#19	7.065		.164		BM 11-87 (L.A.Co. Rd. Dept)
	4.698		.166			6.901		.161		On S.P.R.R. near intersect of
	4.532		.328			6.740		.325		Vernon Ave and Rosecrans St.
	14.090	4.6967		.328	58°	20.706	6.9020		.325	See F.B. 1376-78
2	3.290		.160			6.935		.165		
	3.130		.160			6.770		.165		π Valdez
	2.970		.320			6.605		.330		Summation of Run
	9.390	3.1300		.648		20.310	6.7700		.655	From B.M. 11-87
										To B.M. 11-88
3	4.119		.170			7.151		.169		Total Backsights = + 20.4221
	3.949		.168			6.982		.168		Total Foresights = − 33.3797
	3.781		.338			6.814		.337		Diff. Elev. = − 12.9576
	11.849	3.9497		.988		20.947	6.9823		.992	
4	4.029		.166			6.470		.161		Backsight stadia = 1.398
	3.863		.163			6.309		.159		Foresight Stadia = 1.405
	3.700		.329			6.150		.320		Total Stadia = 2.803
	11.592	3.8640		1.316		18.929	6.3097		1.312	= .18 mi
5	4.823		.042		#19	6.462		.046		BM 11-88 (Claremont A-6B
	4.781		.040			6.416		.047		Pomona Blvd near house
	4.741		.082			6.369		.097		# 2640
	14.345	4.7817		1.398	58°	19.247	6.4157		1.405	See F.B. 1376-79
		20.4221					33.3797			

F.B. 2884 P.G. 45

PLEASE RETURN TO
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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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 2:05 - 2:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-88 To BM 11-87
Date 26 Oct 1962
Indexed [redacted]

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	6.455		.048		#19	4.816		.044		BM 11-88 (Claremont A-LB)
	6.407		.047			4.772		.044		Pomona Blvd near house
	6.360		.095			4.728		.088		#2640
	19.222	6.4073		.095	90°	14.316	4.7720		.088	See F.B. 1376-79
2	6.074		.161			3.632		.163		
	5.913		.160			3.469		.166		Summation of Run
	5.753		.321			3.303		.329		From B.M. 11-88
	17.740	5.9133		.416		10.404	3.4680		.417	To B.M. 11-87
3	6.833		.171			3.899		.169		
	6.762		.168			3.730		.167		Total Backsights = + 32.3686
	6.594		.339			3.563		.336		Total Foresights = − 19.4133
	20.289	6.7630		.755		11.192	3.7307		.757	Diff. Elev. = +12.9553
4	2.563		.164			2.921		.161		Backsight stadia = 1.410'
	2.399		.166			2.760		.160		Foresight Stadia = 1.398'
	2.233		.330			2.600		.321		Total Stadia = 2.808
	19.195	6.3983		1.085		8.281	2.7603		1.074	= 118 m.
5	7.049		.162			4.845		.164		BM 11-87 (L.A.Co. Rd. Dept.)
	6.887		.163			4.681		.160		S.P.R.R. near inter. of Vernon
	6.724		.325			4.521		.324		Ave and Rosecrans St.
	20.660	6.8867		1.410		14.047	4.6823		1.398	See F.B. 1376-78
		32.3686					19.4133			

F.B. 2884 P.G. 46

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 F. E. Brooks Weather Foggy Inst. No. 15066
Notes by K.M. Kapp Time 11:35-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-88 To BM 11-89
Date 10-25-62
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	4.861		153		19	6.271		152		BM 11-88 (Claremont A-6B)
	4.708		156			6.119		151		Pomona Blvd. near house
	4.552		309			5.968		303		#2640
	14.121	4.7070		309	58°	18.358	6.1193		303	See F.B. 1376-79
2	3.358		165			6.313		164		
	3.192		163			6.149		165		T Ohashi
	3.029		329			5.984		329		
	9.579	3.1930		638		18.446	6.1487		632	
3	3.270		153			6.193		162		
	3.117		155			6.031		161		
	2.962		308			5.870		323		
	9.349	3.1163		946		18.094	6.0313		955	
4	3.100		170			6.733		177		
	2.930		170			6.556		177		
	2.760		340			6.379		354		
	8.790	2.9300		1286		19.668	6.5560		1309	
5	3.351		163			6.180		166		
	3.188		166			6.014		165		
	3.022		329			5.849		331		
	9.561	3.1870		1615		18.043	6.0143		1640	
		17.1333					30.8696			

F.B. 2884 P.G. 47

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 E. E. Brooks Weather Foggy & Hazy Inst. No 15066
Notes by K. M. Kapp Time 11:35 – 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-88 To BM 11-89
Date 10-25-62
Indexed [redacted]

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	3.190	17.1333	169	1.615		6.132	30.8696	153	1.640	
	3.021		166			5.979		157		
	2.855		335			5.822		310		
	9.066	3.0220		1.950		17.933	5.9777		1.950	
7	3.975		076			5.483		078		
	3.899		076			5.405		082		
	3.823		152			5.323		160		
	11.697	3.8990		2.102		16.211	5.4037		2.110	
8	3.093		156			6.391		161		1 hr. for lunch
	2.937		159			6.230		160		
	2.778		315			6.070		321		
	8.808	2.9360		2.417	64°	18.691	6.2303		2.431	
9	3.388		168		19	6.418		166		
	3.220		169			6.252		163		
	3.051		337			6.089		329		
	9.659	3.2197		2.754	70°	18.759	6.2530		2.760	
10	2.558		165			5.987		168		
	2.393		162			5.819		169		
	2.231		327			5.650		337		
	7.182	2.3940		3.081		17.456	5.8187		3.097	
		32.6040					60.5530			

F.B. 2884 P.G. 48

76P526-CE 379—10-57

PLEASE RETURN TO
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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 R. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 11:35 - 1:25 Rod No. 19 - 20

L.A. Co. Precise Level Net.
Name
Job No. 0301.02
From BM 11-88 To BM 11-89
Date 10-25-62
Indexed [redacted] 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
	3.310	32.6040	168	3.081		5.181	60.5530	163	3.097	
	3.142		164			5.018		165		Summation of Run
11	2.978		332			4.853		328		From B.M. 11-88
	9.430	3.1433		3.413		15.052	5.0173		3.425	To B.M 11-89
	3.331		164			6.439		164		BM 11-89 (Covina L-6)
	3.167		167			6.275		163		Pomona Blvd. near
12	3.000		331			6.112		327		house # 3021
	9.498	3.1660		3.744	70°	18.826	6.2753		3.752	See F.B. 1376-80
										Total Backsights = + 38.9133
										Total Foresights = − 71.8456
										Diff. Elev. = −32.9323
										Backsight stadia = 3.744
										Foresight Stadia = 3.752
										Total Stadia = 7.496
										= 0.47 mi.
		38.9133					71.8456			

F.B. 2884 P.G. 47

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:25 - 2:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-89 To BM 11-88
Date 26 Oct 1962
Indexed [redacted]

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	7.129		.164		#19	4.021		.164		BM 11-89 (Covina L-6)
	6.965		.163			3.857		.168		Pomona Blvd near
	6.802		.327			3.689		.332		house # 3021
	20.896	6.9653		.327	68°	11.567	3.8557		.332	See F.B. 1376-80
2	5.766		.165			3.890		.163		
	5.601		.163			3.727		.167		T Kapp
	5.438		.328			3.560		.330		
	16.805	5.6017		.655		11.177	3.7257		.662	
3	6.870		.170			3.441		.163		
	6.700		.168			3.278		.167		
	6.532		.338			3.111		.330		
	20.102	6.7007		.997		9.830	3.2767		.992	
4	6.580		.163			3.549		.167		
	6.417		.166			3.382		.164		
	6.251		.329			3.218		.331		
	19.248	6.4160		1.322		10.149	3.3830		1.323	
5	6.861		.161			3.568		.161		
	6.700		.160			3.407		.159		
	6.540		.321			3.248		.320		
	20.101	6.7003		1.643		10.223	3.4077		1.643	
		32.3840					17.6488			

F.B. 2884 P.G. 50

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:25 - 2:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-89 To BM 11-88
Date 26 Oct 1962
Indexed G. J. GAIN

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
	6.491	32.3840	.082	1.647		3.980	17.6488	.076	1.643	
	6.409		.081			3.904		.074		
6	6.328		.163			3.830		.150		
	16.228	5.4093		1.806		11.714	3.9047		1.793	
	6.348		.166			3.388		.159		
	6.182		.164			3.229		.160		
7	6.018		.330			3.069		.319		
	18.548	6.1827		2.136		9.686	3.2287		2.112	
	6.608		.169			3.779		.167		
	6.439		.168			3.612		.163		
8	6.271		.337			3.449		.330		
	19.318	6.4393		2.477		10.840	3.6133		2.442	
	6.890		.180			3.257		.170		
	6.710		.179			3.087		.169		
9	6.531		.359			2.918		.339		
	20.131	6.7103		2.832		9.262	3.0873		2.781	
	6.160		.151			3.260		.163		
	6.009		.150			3.097		.167		
10	5.859		.301			2.930		.330		
	18.028	6.0093		3.133		9.287	3.0957		3.111	
		63.1349					34.5785			

F.B. 2884 P.G. 54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. F. Brooks Time 1:25 - 2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-89 To BM 11-88
Date 26 Oct 1962
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
11	6.519	63.1349	.166	3.133		3.561	34.5785	.163	3.111	
	6.353		.163			3.398		.165		
	6.190		.329			3.233		.328		
	19.062	6.3540		3.462		10.192	3.3973		3.439	
12	6.593		.151		#19	5.188		.156		BM 11-88 (Claremont A-68)
	6.442		.152			5.032		.152		Pomona Blvd. near house
	6.290		.307			4.880		.308		#2640
	19.325	6.4417		3.765	70°	15.100	5.0333		3.747	See F.B. 1376-79
										Summation of Run From B.M. 11-89 To B.M. 11-88
F.B. 2884 PG. 52										Total Backsights = + 75.9306 Total Foresights = − 43.0091 Diff. Elev. = + 32.9215
										Backsight stadia = 3.765 Foresight Stadia = 3.747 Total Stadia = 7.512 0.47 Mi.
		75.9306					43.0091			

DMSm

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:25-1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-89 To BM 11-90
Date 25 Oct 1962
Indexed C. J. GALM

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	4.710		.156		#19	6.860		.156		BM 11-89 (Covina L-6)
	4.554		.154			5.704		.154		Pomona Blvd near
	4.400		.310			5.550		.310		house # 3021
	13.664	4.5547		.310	70°	17.114	5.7047		.310	See F.B. 1376-80
2	3.810		.155			6.442		.158		
	3.655		.154			5.284		.156		T Cook
	3.501		.309			5.128		.314		
	10.966	3.6553		.619		16.854	5.2847		.624	
3	3.962		.160			5.803		.153		
	3.802		.160			5.650		.157		
	3.642		.320			5.493		.310		
	11.406	3.8020		.939		16.946	5.6487		.934	
4	3.504		.174			5.563		.173		
	3.330		.172			5.390		.176		
	3.158		.346			5.214		.349		
	9.992	3.3307		1.285		16.167	5.3890		1.283	
5	3.680		.175			5.923		.170		
	3.505		.175			5.753		.170		
	3.330		.350			5.583		.340		
	10.515	3.5050		1.635		17.259	5.7530		1.623	
		18.8477					27.7801			

F.B. 2884 P.G. 53

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:25 – 1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-89 To BM11-90
Date 25 Oct 1962
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
6	4.158	18.8477	.163	1.635		6.023	27.7801	.170	1.623	
	3.995		.163			5.853		.168		
	3.832		.326			5.685		.338		
	11.985	3.9950		1.961		17.561	5.8537		1.961	
7	4.343		.170			6.431		.169		
	4.173		.170			6.262		.170		
	4.003		.340			6.092		.339		
	12.519	4.1730		2.301		18.785	6.2617		2.300	
8	4.003		.169			6.846		.176		
	3.834		.171			5.670		.178		
	3.663		.340			5.492		.354		
	11.500	3.8333		2.641		17.008	5.6693		2.654	
9	4.293		.180			6.053		.180		
	4.113		.180			5.873		.180		
	3.933		.360			5.693		.360		
	12.339	4.1130		3.001		17.619	5.8730		3.014	
10	4.730		.173			6.201		.176		
	4.553		.173			6.025		.175		
	4.380		.346			5.850		.351		
	13.663	4.5543		2.347		18.076	6.0253		3.365	
		39.5163					57.4631			

F.B. 2884 P.G. 54

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Hazy
Time 1:25 – 1:55
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-89 To BM 11-90
Date 25 Oct 1962
Indexed [redacted] J. GAIN

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	4.661	39.5163	.122	3.347 51	#19	6.298	57.4631	.118	3.365	BM 11-90
	4.539		.125			6.180		.118		Pomona Blvd at Spadra
	4.414		.247			6.062		.236		School
	13.614	4.5380		3.59 8	72°	18.540	6.1800		3.601	See F.B. 1376-81
										Summation of Run
										From B.M. 11-89
										To B.M. 11-90
										Total Backsights = + 44.0543
										Total Foresights = – 63.6431
										Diff. Elev. = – 19.5888
										Backsight stadia = 3.598
										Foresight Stadia = 3.601
										Total Stadia = 7.199
										= .44 mi.
		44.0543					63.6431			

F.B. 2054 P.G. 55

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Foggy Inst. No. 15066
Notes by F. E. Brooks Time 11:40 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-90 To BM 11-89
Date Oct 26-62
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	6.329		.117		#19	4.692		.122		BM 11-90
	6.212		.119			4.570		.122		Pomona Blvd at Spadra
	6.093		.236			4.448		.244		School
	18.634	6.2113		.236	58°	13.710	4.5700		.244	See F.B. 1376-81
2	6.112		.175			4.639		.176		
	5.937		.177			4.463		.173		T. Kapp
	5.760		.352			4.290		.349		
	17.809	5.9363		.588		13.392	4.4640		.593	
3	6.067		.152			4.309		.181		
	5.885		.180			4.128		.180		
	5.705		.362			3.948		.361		
	17.657	5.8857		.950		12.385	4.1283		.954	
F.B. 2884 PG. 56 4	6.111		.176			4.270		.170		
	5.935		.177			4.100		.170		
	5.758		.353			3.930		.340		
	17.804	5.9347		1.303		12.300	4.1000		1.294	
5	6.478		.170			4.390		.171		1 hr. for lunch
	6.308		.169			4.219		.169		
	6.139		.339			4.050		.340		
	18.925	6.3083		1.642	53°	12.659	4.2197		1.634	
		30.2763					21.4820			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:40 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-90 To BM11-89
Date Oct 26-62
Indexed C. J. GAIN

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	6.128	30.2763	.170	1.642	#19	4.260	21.4820	.162	1.634	
	5.958		.169			4.098		.166		
	5.789		.339			3.932		.328		
	17.875	5.9583		1.981	66°	12.290	4.0967		1.962	
7	6.120		.168			3.887		.174		
	5.952		.164			3.708		.178		
	5.788		.332			3.530		.352		
	17.860	5.9533		2.313		11.120	3.7067		2.314	
8	6.010		.173			3.951		.173		
	5.837		.177			3.778		.171		
	5.660		.350			3.607		.344		
	17.507	5.8357		2.663		11.336	3.7787		1.658	
9	5.921		.154			4.081		.160		
	5.767		.157			3.921		.160		
	5.610		.311			3.761		.320		
	17.298	5.7660		2.974		11.763	3.9210		2.978	
10	5.829		.159			4.192		.152		
	5.670		.159			4.040		.151		
	5.511		.318			3.889		.303		
	17.010	5.6700		3.292		12.121	4.0403		3.281	
		59.4596					41.0254			

F.B. 2884 P.G. 57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:40 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-90 To BM 11-89
Date Oct 26-62
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
11	5.858	59.4596	.156	3.292	#19	4.710	41.0254	.154	3.281	BM 11-89 (Covina L-6)
	5.702		.152			4.556		.157		Pomona Blvd near
	5.550		.308			4.399		.311		house #3041
	17.110	5.7033		3.600	68°	13.665	4.5550		3.592	See F.B. 1376-80
										Summation of Run From B.M. 11-90 To B.M. 11-89
										Total Backsights = + 65.1629 Total Foresights = − 45.5804 Diff. Elev. = + 19.5825
F.B. 2884 P.G. 58										Backsight stadia = 3.600 Foresight Stadia = 3.592 Total Stadia = 7.192 = .48 Mi
		65.1629					45.5804			

✓ N.J.

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:00-2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-90 To BM 11-91
Date 10-25-62
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
1	5.581		160		19	5.600		168		BM 11-90
	5.421		161			5.432		164		Pomona Blvd at Spadra
	5.260		321			5.268		332		School
	16.262	5.4207		321	72°	16.300	5.4333		332	See F.B. 1376-81
2	3.865		165			6.160		170		
	3.700		162			5.990		170		T Cook
	3.538		327			5.820		340		
	11.103	3.7010		648		17.970	5.9900		672	
3	4.246		201			6.862		192		
	4.045		201			6.670		190		
	3.844		402			6.480		382		
	12.135	4.0450		1.050		20.012	6.6707		1.054	
4	4.170		174			5.918		176		
	3.996		174			5.742		179		
	3.822		348			5.568		350		
	11.988	3.9960		1.398		17.228	5.7427		1.404	
5	4.190		170			6.278		170		
	4.020		170			6.108		170		
	3.850		340			5.938		340		
	12.060	4.0200		1.738		18.324	6.1080		1.744	
		21.1827					29.9447			

F.B. 2684 P.G. 53

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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 E. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:00-2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-90 To BM 11-91
Date 10-25-62
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
	4.178	21.1827	176	1.738		6.268	29.9747	176	1.744	
	4.002		172			6.092		173		
6	3.830		348			5.919		349		
	12.010	4.0033		2.086		18.279	6.0930		2.093	
	4.450		167			6.282		162		
	4.283		164			6.120		162		
7	4.119		331			5.958		324		
	12.852	4.2840		2.417		18.360	6.1200		2.417	
	4.160		180			6.374		180		
	3.980		178			6.194		178		
8	3.802		358			6.016		358		
	11.942	3.9807		2.775		18.584	6.1947		2.775	
	3.060		158			5.105		152		
	2.902		154			4.953		150		
9	2.748		312			4.803		302		
	8.710	2.9033		3.087		14.861	4.9537		3.077	
	3.723		153			5.291		156		
	3.570		157			5.135		157		
10	3.413		310			4.978		313		
	10.706	3.5687		3.397		15.404	5.1347		3.390	
		39.9227					58.4408			

F.B. 2994 P.G. 60

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 ICK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:00 – 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Nat
Job No. 0301.02
From BM 11-90 To BM 11-91
Date 10-25-62
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
11	5.110	39.9227	158	3.397		4.734	58.4408	154	3.390	
	4.952		156			4.580		152		
	4.796		314			4.428		306		
	14.858	4.9527		3.711		13.742	4.5807		3.696	
12	3.697		157			7.066		155		BM 11-91
	3.540		153			6.911		151		Pomona Blvd. @ Valley Blvd
	3.387		310			6.760		306		See F.B. 2880-40
	10.624	3.5413		4.021	70°	20.737	6.9123		4.002	
										Summation of Run From B.M. 11-90 To B.M. 11-91
										Total Backsights = + 48.4167 Total Foresights = – 69.9338 Diff. Elev. = –21.5171
										Backsight stadia = 4.021 Foresight Stadia = 4.002 Total Stadia = 8.023 = 0.51 mi.
		48.4167					69.9338			

F.B. 2884 P.G. 61

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: F. E. Brooks — Weather: Foggy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 11:10 – 11:40 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-91 To: BM 11-90
Date: 26 Oct 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	7.340		.154		#19	3.966		.156		BM 11-91
	7.186		.155			3.812		.153		Pomona Blvd. @ Valley Blvd.
	7.031		.309			3.659		.309		See F.B. 2880-40
	21.557	7.1857		.309	58°	11.439	3.8130		.309	
2	4.713		.153			5.089		.158		
	4.560		.151			4.931		.156		T Kapp
	4.409		.304			4.775		.314		
	13.682	4.5607		.613		14.795	4.9317		.623	
3	5.683		.154			4.119		.158		
	5.529		.157			3.961		.156		
	5.372		.311			3.805		.314		
	16.584	5.5280		.924		11.885	3.9617		.937	
4 (F.B. 2884 PG. 62)	5.990		.150			3.945		.155		
	5.840		.150			3.790		.157		
	5.690		.300			3.633		.312		
	17.520	5.8400		1.224		11.368	3.7893		1.249	
5	6.332		.181			4.118		.178		
	6.152		.180			3.940		.179		
	5.972		.361			3.761		.357		
	18.457	6.1523		1.595		11.819	3.9397		1.606	
		29.2667					20.4354			

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: R. E. Brooks Weather: Foggy Inst. No.: 15066
Notes by: R. E. Brooks Time: 11:10 — 11:40 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-91 To: BM 11-90
Date: 26 Oct 1962
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
6	6.290	29.2667	.165	1.585		4.457	20.4354	.167	1.606	
	6.125		.164			4.290		.163		
	5.961		.329			4.127		.330		
	18.376	6.1253		1.914		12.874	4.2913		1.936	
7	6.278		.177			4.189		.177		
	6.109		.173			4.012		.174		
	5.928		.350			3.838		.351		
	18.307	6.1023		2.264		12.039	4.0130		2.287	
8	6.207		.172			4.118		.171		
	6.035		.174			3.947		.175		
	5.861		.346			3.772		.346		
	18.103	6.0343		2.610		11.837	3.9457		2.633	
9	6.052		.172			4.310		.177		
	5.880		.173			4.133		.173		
	5.707		.345			3.960		.350		
	17.639	5.8797		2.955		12.403	4.1343		2.983	
10	7.056		.192			4.432		.202		
	6.858		.190			4.230		.200		
	6.668		.382			4.030		.402		
	20.576	6.8587		3.337		12.692	4.2307		3.385	
		60.2670					41.0504			

F.B. 2884 P.G. 63

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 E. E. Brooks
Notes by E. E. Brooks
Weather Foggy
Time 11:10 – 11:40
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-91 To BM 11-90
Date 26 Oct 1962
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
	6.470	60.2670	.181	3.337		4.152	41.0504	.152	3.385	
	6.289		.181			4.000		.151		
11	6.108		.362			3.849		.303		
	18.867	6.2890		3.699		12.001	4.0003		3.688	
	5.592		.164			5.580		.162		BM 11-90
	5.429		.168		#19	5.418		.161		Pomona Blvd. @ Spadra
12	5.261		.332			5.257		.323		School
	16.283	5.4277		4.031	58°	16.255	5.4183		4.011	See F.B. 1376-81
										Summation of Run From B.M. 11-91 To B.M. 11-90
F.B. 2882 P.G. 64										Total Backsights = + 71.9837 Total Foresights = – 50.4690 Diff. Elev. = + 21.5147
										Backsight stadia = 4.031 Foresight Stadia = 4.011 Total Stadia = 8.042 = 0.51 Mi
		71.9837					50.4690			

76P526-CE 379—10-57

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 Hazy Inst. No. 15066
Notes by F. E. Brooks Time 2:55-3:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-91 To BM 11-91A
Date 25 Oct 1962
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
1	5.401		.118		#19	6.632		.119		BM 11-91
	5.363		.118			6.513		.117		Pomona Blvd at Valley Blvd
	5.245		.236			6.396		.236		
	16.089	5.3630		.236	70°	19.541	6.5137		.236	See F.B. 2880-40
2	3.851		.164			6.313		.160		
	3.687		.167			6.153		.157		T Cook
	3.520		.331			5.996		.317		
	11.058	3.6860		.567		18.462	6.1540		.553	
3	4.660		.165			6.212		.162		
	4.495		.165			6.050		.162		
	4.330		.330			5.888		.324		
	13.485	4.4950		.897		18.150	6.0500		.877	
4	4.168		.161			6.958		.167		
	4.007		.163			5.791		.163		
	3.844		.324			5.628		.330		
	12.019	4.0063		1.221		17.377	5.7923		1.207	
5	4.023		.161			6.872		.162		
	3.862		.162			5.710		.160		
	3.700		.323			5.550		.322		
	11.585	3.8617		1.544		17.132	5.7107		1.529	
		21.420					30.2207			

F.B. 2884 P.G. 65

PLEASE RETURN TO
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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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 7:55 – 3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-91 To BM11-91A
Date 25 Oct 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
6	4.486	21.4120	.167	1.544		6.542	30.2207	.173	1.529
	4.321		.163			6.369		.170	
	4.158		.330			6.199		.343	
	12.917	4.3223		1.874		19.110	6.3700		1.872
7	4.871		.141			5.400		.143	
	4.730		.145			5.257		.145	
	4.585		.286			5.112		.288	
	14.186	4.7287		2.160		15.769	5.2563		2.160
8	5.527		.172			4.698		.178	
	5.350		.171			4.520		.179	
	5.179		.343			4.341		.357	
	16.051	5.3503		2.503		13.559	4.5197		2.517
9	5.664		.096		49	3.762		.101	
	5.568		.099			3.661		.101	
	5.469		.195			3.560		.202	
	16.701	5.5670		2.698	72°	10.983	3.6610		2.719
		41.3803					50.0277		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 11-91
To B.M. 11-91 A

Total Backsights = + 41.3803
Total Foresights = – 50.0277
Diff. Elev. = – 8.6474

Backsight stadia = 2.698
Foresight Stadia = 2.719
Total Stadia = 5.417
= .34 mi.

BM 11-91A
Valley Blvd at San Jose Wash
See F.B. 2880-42

F.B. 2884 P.G. 66

WJm

76P526-CE 379—10-57

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 Fair Inst. No. 15066
Notes by Cas. R Time 10:50 to 11:15 Rod No. 19-20

Name LA Co. Precise Level Net
Job No. 0301.02
From BM11-91A To BM11-91
Date Oct 26 - 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	3.582		100		#19	5.489		100		BM11-91A
	3.482		100			5.389		099		Valley Blvd at San Jose
	3.382					5.290				Wash
	10.446	3.4820	200	200	58°	16.168	5.3893	199	199	see F.B. 2880-42
2	4.821		176			5.649		171		
	4.645		176			5.478		175		T Kapp
	4.469					5.303				
	13.935	4.6450	352	552		16.420	5.4733	346	545	
3	5.489		144			4.959		145		
	5.345		144			4.814		143		
	5.201					4.671				
	16.035	5.3450	288	840		14.444	4.8147	288	833	
4	6.370		171			4.315		165		
	6.199		172			4.150		165		
	6.027					3.985				
	18.596	6.1987	343	1183		12.450	4.1500	330	1163	
5	6.029		161			4.181		162		
	5.868		161			4.019		165		
	5.707					3.854				
	17.604	5.8680	322	1505		12.054	4.0180	327	1490	
		25.5387					23.8453			

F.B. 2884 P.G. 67

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Foggy Inst. No. 15066
Notes by Cook Time 10:50 To 11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-91A To BM11-91
Date Oct 26-62
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	5.869	25.5387	167	1575		4.079	23.8953	161	1490	Summation of Run From B.M. 11-91A To B.M. 11-91
	5.702		164			3.918		162		
	5.538					3.756				
	17.109	5.7030	331	1886		11.753	3.9177	323	1813	
7	6.352		162			4.800		167		Total Backsights = + 49.8950
	6.190		162			4.633		163		Total Foresights = − 41.2412
	6.028					4.470				Diff. Elev. = + 8.6538
	18.570	6.1900	324	2160		13.903	4.6343	330	2143	
8	6.273		153			3.821		171		Backsight stadia = 2783
	6.120		155			3.650		170		Foresight Stadia = 2716
	5.965					3.480				Total Stadia = 5499
	18.358	6.1193	308	2488		10.951	3.6503	341	2484	= .34 Mi
9	6.461		118			5.310		118		BM 11-91
	6.343		115			5.192		114		Pomona Blvd at Valley
	6.228					5.078				Blvd
	19.032	6.3440	235	2783	58°	15.580	5.1933	232	2716	See F.B. 2880-40
F.B. 2884 PG. 68										
		49.8950					41.2412			

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 8:45-8:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-91A To BM 11-92
Date 29 Oct 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
•	6.423		.174			7.098		.177		BM 11-91A
1	5.249		.177			6.921		.176		Valley Blvd at San Jose
	5.072		.351			6.745		.353		Wash.
	15.744	5.2480		.351	80°	20.764	6.9213		.353	See F.B. 2880-42
	3.734		.176			7.301		.174		
2	3.558		.180			7.127		.178		T Kapp
	3.378		.356			6.949		.352		
	10.670	3.5567		.707		21.377	7.1257		.705	
	3.619		.177			7.496		.179		Summation of Run
3	3.442		.173			7.311		.180		From B.M. 11-91A
	3.269		.350			7.131		.359		To B.M. 11-92
	10.330	3.4433		1.057		21.932	7.3107		1.064	
	4.098		.159			7.250		.160		BM 11-92
4	3.939		.159			7.090		.160		Valley Blvd. near Santa Fe
	3.780		.318			6.929		.321		District Landfill No. 2
	11.817	3.9390		1.375	82°	21.269	7.0897		1.385	See F.B. 2880-43
										Backsight stadia = 1.375
										Foresight Stadia = 1.385
										Total Stadia = 2.760
										= 0.17
		16.1870					28.4474			

Total Backsights = +16.1870
Total Foresights = −28.4474
Diff. Elev. = −12.2604

F.B. 2884 P.G. 69

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:00 — 9:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-92 To BM 11-91A
Date 29 Oct 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
1	7.340		.161		#19	4.187		.158		BM 11-92
	7.179		.162			4.029		.159		Valley Blvd. near Sanitation
	7.017		.323			3.870		.317		District Landfill No. 2
	21.536	7.1787		.323	82°	12.086	4.0287		317	See F.B. 2880-43
2	7.398		.180			3.524		.174		
	7.218		.179			3.350		.173		TKapp
	7.039		.359			3.177		.347		Summation of Run
	21.655	7.2183		.682		10.051	3.3503		.674	From B.M. 11-92 To B.M. 11-91A
3	7.185		.176			3.618		.175		
	7.009		.179			3.438		.178		Total Backsights = + 28.2603
	6.830		.355			3.260		.353		Total Foresights = − 15.9980
	21.024	7.0080		1.037		10.311	3.4370		1.037	Diff. Elev. = +12.2623
4	7.032		.176			5.355		.173		BM 11-91A
	6.856		.178			5.182		.173		Valley Blvd. @ San Jose
	6.678		.354			5.009		.346		Wash
	20.566	6.8553		1.391	82°	15.546	5.1820		1.373	See F.B. 2880-42
										Backsight stadia = 1.391
										Foresight Stadia = 1.373
										Total Stadia = 2.764
										= 0.17
		28.2603					15.9980			

F.B. 2884 P.G. 70

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 8:40 - 9:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-92 To BM11-93
Date 10-30-62
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
	5.370		174		19	6.488		177		BM 11-92
	5.196		174			6.311		173		Valley Blvd Near Sanatition
1	5.022		348			6.138		350		District Landfill No 2.
	15.588	5.1960		348	74°	18.937	6.3123		350	See F.B. 2880-43
	4.129		177			6.158		179		
	3.952		174			5.979		178		T Cook
2	3.778		351			5.801		357		
	11.859	3.9530		699		17.938	5.9793		707	
	4.149		178			6.880		175		
	3.971		177			6.705		175		
3	3.794		355			6.530		350		
	11.914	3.9713		1054		20.115	6.7050		1057	
	4.053		182			6.326		176		
	3.871		181			6.150		174		
4	3.690		363			5.976		350		
	11.614	3.8713		1417		18.452	6.1507		1407	
	3.970		175			6.407		178		
	3.795		176			6.229		178		
5	3.619		351			6.051		356		
	11.384	3.7947		1768		18.687	6.2290		1763	
		20.7863					31.3763			

F.B. 2884 P.G. 71

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 Hazy Inst. No. 15066
Notes by K. M. Kapp Time 8:40 - 9:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-92 To BM 11-93
Date 10-30-62
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
6	4.260	20.7863	178	1.768		6.409	31.3763	176	1.763	
	4.082		176			6.233		175		
	3.906		354			6.058		351		
	12.248	4.0827		2.122		18.700	6.2333		2.114	
7	3.280		180			6.486		176		
	3.100		180			6.310		177		
	2.920		360			6.133		353		
	9.300	3.1000		2.482		18.929	6.3097		2.467	
8	3.750		180			5.745		180		
	3.570		180			5.565		178		
	3.390		360			5.387		358		
	10.710	3.5700		2.842		16.697	5.5657		2.825	
9	4.085		186			6.002		180		
	3.899		189			5.822		180		
	3.710		375			5.642		360		
	11.694	3.8980		3.217		17.466	5.8220		3.185	
10	4.319		170			6.590		186		
	4.149		170			6.404		185		
	3.979		340			6.219		371		
	12.447	4.1490		3.557		19.213	6.4043		3.556	
		39.5860					61.7113			

F.B. 2884 P.G. 72

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K.M. Kapp Time 8:40 - 9:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-92 To B.M. 11-93
Date 10-30-62
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
	4.053	39.5860	174	3.557		6.056	61.7113	176	3.556
	3.879		176			5.880		173	
11	3.703		350			5.707		349	
	11.635	3.8783		3.907		17.643	5.8810		3.905
	5.368		180			3.558		175	
	5.188		180			3.783		172	
12	5.008		360			3.611		347	
	15.564	5.1880		4.267		11.352	3.7840		4.252
	6.911		178			3.828		178	
	6.733		175			3.650		180	
13	6.558		353			3.470		358	
	20.202	6.7340		4.620		10.948	3.6493		4.610
	6.862		183			4.783		191	
	6.679		187			4.592		192	
14	6.492		370			4.400		383	
	20.033	6.6777		4.990	T=80°	13.775	4.5917		4.993
		61.0640					79.6173		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 11-92
To B.M. 11-93

Total Backsights = + 62.0640
Total Foresights = − 79.6173
Diff. Elev. = − 17.5533

Backsight stadia = 4.990
Foresight Stadia = 4.993
Total Stadia = 9.983
.63 mi

BM 11-93
Valley Blvd near house No. 22064
See F.B. 1376-84

F.B. 2884 P.G. 77

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 Hazy Inst. No. 15066
Notes by K.M. Kapp Time 9:15 - 9:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-93 To BM 11-92
Date 10-30-62
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
	4.706		193		19	6.785		185		BM 11-93
	4.513		191			6.600		184		Valley Blvd near house
1	4.322		384			6.416		369		No. 22064
	13.541	4.5137		384	80°	19.801	6.6003		369	See F.B. 1376-84
	3.765		179			6.849		179		
	3.586		177			6.670		177		T Cook
2	3.409		356			6.493		356		
	10.760	3.5867		740		20.012	6.6707		725	
	3.854		173			5.265		181		
	3.681		171			5.084		177		
3	3.510		344			4.907		358		
	10.045	3.6817		1.084		15.256	5.0853		1.083	
	6.100		175			4.100		174		
	5.925		173			3.926		176		
4	5.752		348			3.750		350		
	17.777	5.9257		1.432		11.776	3.9253		1.433	
	6.687		179			4.430		178		
	6.508		177			4.252		180		
5	6.331		356			4.072		358		
	19.526	6.5087		1.788		12.754	4.2513		1.791	
		24.2165					26.5329			

F.B. 1884 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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 9:15 - 9:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-93 To BM 11-92
Date 10-30-62
Indexed E. J. Gatti

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	5.950	24.9165	180	1.788		4.032	26.5329	188	1.791	
	5.770		180			3.844		186		
	5.590		360			3.658		374		
	17.310	5.7700		2.148		11.534	3.8447		2.165	
7	5.749		181			3.750		178		
	5.568		179			3.572		176		
	5.389		360			3.396		354		
	16.706	5.5687		2.508		10.718	3.5727		2.519	
8	6.527		176			3.321		180		
	6.351		173			3.141		183		
	6.178		349			2.958		363		
	19.056	6.3520		2.857		9.420	3.1400		2.882	
9	6.261		181			4.103		172		
	6.080		183			3.931		172		
	5.897		364			3.759		344		
	18.238	6.0793		3.221		11.793	3.9310		3.226	
10	6.330		176			3.898		177		
	6.154		175			3.721		178		
	5.979		351			3.543		355		
	18.463	6.1543		3.572		11.162	3.7207		3.581	
		54.1408					44.7420			

F.B. 2881 P.G. 75

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: K.M. Kapp Time: 9:15 - 9:55 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-93 To: BM 11-92
Date: 10-30-62
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
11	6.383	54.1408	171	3.572		4.110	44.7420	180	3.581	Summation of Run
	6.212		172			3.930		182		From B.M. 11-93
	6.040		343			3.748		362		To B.M. 11-92
	18.635	6.2117		3.915		11.788	3.9293		3.943	
12	6.958		183			4.204		170		Total Backsights = + 79.3719
	6.775		185			4.034		170		Total Foresights = − 61.8083
	6.590		368			3.864		340		Diff. Elev. = + 17.5636
	20.323	6.7743		4.283		12.102	4.0340		4.283	
13	6.193		175			4.167		177		Backsight stadia = 4.983
	6.018		179			3.990		175		Foresight Stadia = 4.983
	5.839		354			3.815		352		Total Stadia = 9.966
	18.050	6.0167		4.637		11.972	3.9907		4.635	.63 mi
14	6.402		174			5.287		176		BM 11-92
	6.228		172			5.111		172		Valley Blvd near Sanatition
	6.056		346			4.939		348		District Landfill #2
	18.686	6.2287		4.983	88°	15.337	5.1123		4.983	See F.B. 2880-43
		79.3719					61.8083			

F.B. 2884 PG. 74

✓ WHM

76P526-CE 379—10-57

PLEASE RETURN TO
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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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K.M. Kapp Time 10:05-10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-93 To BM 11-94
Date 10-30-62
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	7.719		180		19	5.250		174		BM 11-93
	7.539		180			5.076		175		Valley Blvd near house
	7.359		360			4.901		349		22064
	22.617	7.5390		360	88°	15.227	5.0757		349	See F.B. 1376-84
2	4.749		178			7.205		175		
	4.571		175			7.030		175		T. Valdez
	4.396		353			6.855		350		
	13.716	4.5720		713		21.090	7.0300		699	
3	2.005		175			10.041		171		
	1.830		171			9.870		170		
	1.659		346			9.700		341		
	5.494	1.8313		1.059		29.611	9.8703		1.040	
4	2.380		171			9.316		172		
	2.209		170			9.144		172		
	2.039		341			8.972		344		
	6.628	2.2093		1.400		27.432	9.1440		1.384	
5	2.022		174			8.615		175		
	1.848		176			8.440		175		
	1.672		350			8.265		350		
	5.542	1.8473		1.750		25.320	8.4400		1.734	
		17.9989					39.5600			

F.B. 2884 P.G. 77

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 10:05-10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-93 To BM 11-94
Date 10-30-62
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
	2.050	17.9989	181	1.750		8.671	39.5600	176	1.734	
	1.869		178			8.495		176		
6	1.691		359			8.319		352		
	5.610	1.8700		2.109		25.485	8.4950		2.086	
	2.765		107			7.641		111		BM 11-94 (Covina I-9 Aux. #2)
	2.658		109			7.530		110		Valley Blvd. 0.25 mi. E. of
7	2.549		216			7.420		221		San Jose Hills Rd.
	7.972	2.6578		2.325	94°	22.591	7.5303		2.307	See F.B. 1376-85
										Summation of Run From B.M. 11-93 To B.M. 11-94
										Total Backsights = + 22.5258 Total Foresights = − 55.5853 Diff. Elev. = −33.0595
										Backsight stadia = 2.325 Foresight Stadia = 2.307 Total Stadia = 4.632 = 0.29 mi.
		22.5258					55.5853			

F.B. 2884 P.G. 78

76P526-CE 379—10-57

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:45 – 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-94 To BM 11-93
Date 30 Oct 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
1	7.531		.110		#19	2.659		.110		BM 11-94 (Covina I-9 Aux. #2)
	7.421		.110			2.549		.110		Valley Blvd. 0.25 mi E. of
	7.311		.220			2.439		.220		San Jose Hills Rd.
	22.263	7.4210		.220	94°	7.147	2.5490		.220	See F.B. 1376-85
2	8.560		.180			1.932		.175		
	8.380		.180			1.757		.177		T Cook
	8.200		.360			1.580		.352		
	25.140	8.3800		.580		5.269	1.7563		.572	
3	8.840		.172			2.250		.175		
	8.668		.174			2.075		.175		
	8.494		.346			1.900		.350		
	26.002	8.6670		.926		6.225	2.0750		.922	
4	9.149		.171			2.216		.172		
	8.978		.170			2.044		.171		
	8.808		.341			1.873		.343		
	26.935	8.9783		1.267		6.133	2.0443		1.265	
5	9.943		.171			1.910		.173		
	9.772		.170			1.737		.177		
	9.602		.341			1.560		.350		
	29.317	9.7723		1.608		5.207	1.7357		1.615	
		43.2189					10.1603			

F.B. 2884 P.G. 73

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:45-12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-94 To BM 11-93
Date 30 Oct 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
6	7.299	43.2189	.176	1.608		4.842	10.1603	.175	1.615	
	7.123		.175			4.667		.177		
	6.948		.351			4.490		.352		
	21.370	7.1233		1959		13.999	4.6663		1.967	
7	4.995		.175		#19	7.461		.181		BM 11-93
	4.820		.175			7.281		.181		Valley Blvd. near house
	4.645		.350			7.101		.362		22064
	14.460	4.8200		2.309	94°	21.843	7.2810		2.329	See F.B. 1376-84
										Summation of Run From B.M. 11-94 To B.M. 11-93
										Total Backsights = + 55.1622 Total Foresights = − 22.1076 Diff. Elev. = + 33.0546
										Backsight stadia = 2.309 Foresight Stadia = 2.329 Total Stadia = 4.638 = .29 mi.
		55.1622					22.1076			

F.B. ~~1284~~ PG. 80

76P526-CE 379—10-57

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:30 – 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-94 To BM 11-95
Date 10-29-62
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	3.940		.147		#19	6.468		.156		BM 11-94 (Covina T-9 Aux No 2)
	3.793		.143			6.312		.153		Valley Blvd 0.25 mi. E. of
	3.650		.190			6.159		.309		San Jose Hills Rd.
	11.383	3.7943		.290	82°	18.939	6.3130		.309	See F.B. 1376-85
2	4.735		.176			6.932		.179		
	4.559		.179			6.753		.176		T Kapp
	4.382		.353			6.577		.355		
	13.676	4.5587		.643		17.262	5.7540		.664	
3	4.640		.179			6.538		.179		
	4.461		.176			6.359		.180		
	4.285		.355			6.179		.359		
	13.386	4.4620		.998		16.076	5.3587		1.023	
4	4.762		.177			6.662		.175		
	4.585		.178			6.487		.178		
	4.407		.355			6.309		.353		
	13.754	4.5847		1.353		19.458	6.4860		1.376	
5	5.124		.176			6.959		.180		
	4.948		.179			6.779		.181		
	4.769		.355			6.598		.361		
	14.841	4.9470		1.708		17.336	5.7787		1.737	
		22.3467					28.6904			

F.B. 2984 P.G. 81

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:30 – 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-94 To BM 11-95
Date 29 Oct 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	4.480	22.3467	.181	1.708		6.229	28.6904	.178	1.737	
	4.299		.181			6.051		.179		
	4.118		.362			5.872		.357		
	12.897	4.2990		2.070		18.152	6.0507		2.094	
7	7.920		.191			4.790		.199		Summation of Run From B.M. 11-94 To B.M. 11-95
	7.729		.191			4.591		.196		
	7.538		.382			4.395		.395		
	23.187	7.7290		2.452		13.776	4.5920		2.489	
8	4.757		.075			8.221		.073		BM 11-95 Valley Blvd at San Jose Hills Rd. See F.B. 2880-44
	4.682		.074			8.148		.076		
	4.608		.149			8.072		.149		
	14.047	4.6823		2.601	88°	24.441	8.1470		2.638	
F.B. 2884 P.G. 22										Total Backsights = + 39.0570
										Total Foresights = – 47.4801
										Diff. Elev. = – 8.4231
										Backsight stadia = 2.601
										Foresight Stadia = 2.638
										Total Stadia = 5.239
										= 0.33 mi
		39.0570					47.4801			

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 E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 11:25-11:45
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-94
Date 29 Oct 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
1	8.199		.076		#19	4.731		.073		BM 11-95
	8.123		.073			4.658		.075		Valley Blvd at San Jose
	8.050		.149			4.583		.148		Hills Rd
	24.372	8.1240		.149	98°	13.972	4.6573		.148	see F.B. 2880-44
2	4.778		.199			7.908		.196		
	4.579		.198			7.712		.192		π Kapp
	4.381		.397			7.520		.388		
	13.738	4.5793		.546		23.140	7.7133		.536	
3	6.103		.175			4.359		.184		
	5.928		.178			4.175		.184		
	5.750		.353			3.991		.368		
	17.781	5.9270		.899		12.525	4.1750		.904	
4	5.978		.183			5.142		.179		
	5.795		.180			4.963		.175		
	5.615		.363			4.788		.354		
	17.388	5.7960		1.262		14.893	4.9643		1.258	
5	5.670		.178			4.769		.178		
	5.492		.174			4.591		.178		
	5.318		.352			4.413		.356		
	16.480	5.4933		1.614		13.773	4.5910		1.614	
		29.9196					26.1009			

F.B. 2884 P.G. 83

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:25 – 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-94
Date 29 Oct 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	5.638	29.9196	.180	1.614		4.736	26.1009	.177	1.614	
	5.458		.180			4.559		.178		
	5.278		.360			4.381		.355		
	16.374	5.4580		1.974		13.676	4.5587		1.969	
7	6.137		.179			4.935		.176		Summation of Run
	5.958		.180			4.759		.178		From B.M. 11-95
	5.778		.359			4.581		.354		To B.M. 11-94
	17.873	5.9577		2.333		14.275	4.7583		2.323	
8	6.888		.156			4.359		.143		BM 11-94 (Covina I-9 Aux Nat)
	6.732		.153			4.216		.144		Valley Blvd 0.25 mi. E. of
	6.579		.309			4.072		.287		San Jose Hills Rd.
	20.199	6.7330		2.642	98°	12.647	4.2157		2.610	See F.B. 1376-85
F.B. 3994 P.G. 84										Total Backsights = + 48.0683
										Total Foresights = – 39.6336
										Diff. Elev. = + 8.4347
										Backsight stadia = 2.642
										Foresight Stadia = 2.610
										Total Stadia = 5.252
										= .33 mi.
		48.0683					39.6336			

76P526-CE 379—10-57

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:25 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-94
Date 10-30-62
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
	7.710		070		19	4.248		076		BM 11-95
	7.640		070			4.172		074		Valley Blvd. @ San Jose
1	7.570		140			4.098		150		Hills Rd.
	22.920	7.6400		140	92°	12.518	4.1727		150	See F.B. 2880-44
	4.681		199			7.810		190		
	4.482		196			7.620		190		T Cook
2	4.286		395			7.430		380		
	13.449	4.4830		535		22.860	7.6200		530	
	7.199		179			5.403		181		
	6.970		175			5.222		182		
3	6.795		354			5.040		363		
	20.914	6.9713		889		15.665	5.2217		893	
	6.549		178			5.719		180		
	6.371		180			5.539		179		
4	6.191		358			5.360		359		
	19.111	6.3703		1247		16.618	5.5393		1252	
	5.536		178			4.635		177		
	5.358		178			4.458		180		
5	5.180		356			4.278		357		
	16.074	5.3580		1603		13.371	4.4570		1609	
		30.8226					27.0107			

F.B. 2884 P.G. 23

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:25 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-94
Date 10-30-62
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
6	5.602	30.8226	180	1.603		4.705	27.0107	177	1.609	
	5.422		180			4.528		178		
	5.242		360			4.350		355		
	16.266	5.4220		1.963		13.583	4.5277		1.964	
7	5.832		178			4.638		179		Summation of Run From B.M. 11-95 To B.M. 11-94
	5.654		180			4.459		177		
	5.474		358			4.282		356		
	16.960	5.6533		2.321		13.379	4.4597		2.320	
8	6.699		153			4.172		143		BM 11-94 (Covina I-9 Aux. #2)
	6.546		154			4.029		145		Valley Blvd. 0.25 mi. E. of
	6.392		307			3.864		288		San Jose Hills Rd.
	19.637	6.5457		2.628	94°	12.085	4.0283		2.608	See F.B. 1376-85
F.B. 2884 P.G. 86										Total Backsights = + 48.4436 Total Foresights = − 40.0264 Diff. Elev. = + 8.4172
										Backsight stadia = 2.628 Foresight Stadia = 2.608 Total Stadia = 5.236 = 0.33 mi.
		48.4436					40.0264			

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:05 - 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 29 Oct 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
1	3.911		.163		#19	5.228		.178		BM 11-95
	3.748		.167			5.050		.179		Valley Blvd at San Jose
	3.581		.330			4.871		.357		Hills Rd.
	11.240	3.7467		.330	88°	15.149	5.0497		.357	See F.B. 2880-44
2	3.168		.183			6.567		.178		
	2.985		.184			6.389		.174		T Kapp
	2.801		.367			6.215		.352		
	8.954	2.9847		.697		19.171	6.3903		.709	
3	4.203		.174			6.606		.176		
	4.029		.174			6.430		.172		
	3.855		.348			6.258		.348		
	12.087	4.0290		1.045		19.294	6.4313		1.057	
4	4.463		.175			6.150		.177		
	4.288		.178			5.973		.174		
	4.110		.353			5.799		.351		
	12.861	4.2870		1.398		17.922	5.9740		1.408	
5	4.710		.172			6.149		.179		
	4.538		.175			5.970		.177		
	4.363		.347			5.793		.356		
	13.611	4.5370		1.745		17.912	5.9707		1.714	
		19.5844					29.8153			

F.B. 2884 P.G. 87

PLEASE RETURN TO
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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 10:05 – 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 29 Oct 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	4.663	19.5844	.175	1.745		6.961	29.8132	.183	1.764	
	4.488		.178			6.778		.179		
	4.310		.353			6.599		.362		
	13.461	4.4870		2.098		20.338	6.7793		2.126	
7	3.026		.170			7.415		.178		
	2.856		.171			7.237		.178		
	2.685		.341			7.059		.356		
	8.567	2.8557		2.439		21.711	7.2370		2.482	
8	4.489		.180			6.760		.180		
	4.309		.180			6.580		.177		
	4.129		.360			6.403		.357		
	12.927	4.3090		2.799		19.743	6.5810		2.839	
F.B. 2884 P.G. 88 9	3.658		.186			6.582		.173		
	3.472		.183			6.409		.177		
	3.289		.369			6.232		.350		
	10.419	3.4730		3.168		16.223	5.4077		3.189	
10	4.122		.180			6.888		.180		
	3.942		.180			6.708		.178		
	3.762		.360			6.530		.358		
	11.826	3.9420		3.528		20.126	6.7087		3.547	
		38.6511					62.5298			

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15011
Notes by F. E. Brooks Time 10:05 - 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 29 Oct 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	4.712	38.6511	.164	3.528		6.642	62.5298	.175	3.547	
	4.548		.166			6.467		.177		
	4.382		.330			6.290		.352		
	13.642	4.5473		3.858		19.399	6.4663		3.899	
12	3.857		.135		#19	6.571		.123		BM 11-96
	3.722		.132			6.448		.127		Valley Blvd at Brea Canyon
	3.590		.267			6.321		.250		Rd.
	11.169	3.7230		4.125	92°	19.340	6.4467		4.149	See F.B. 1376-86

Summation of Run
From B.M. 11-95
To B.M. 11-96

Total Backsights = + 46.9214
Total Foresights = − 75.4428
Diff. Elev. = −28.5214

Backsight stadia = 4.125
Foresight Stadia = 4.149
Total Stadia = 8.274
= 0.52 mi.

F.B. 1394 P.G. 09

46.9214 75.4428

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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 10:45 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 29 Oct 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
1	6.601		.133		#19	3.869		.126		BM 11-96
	6.468		.137			3.743		.123		Valley Blvd at Brea
	6.331		.270			3.620		.249		Canyon Rd.
	19.400	6.467		.270	92°	11.232	3.7440		.249	See F.B. 1376-86
2	6.673		.174			4.748		.168		T Kapp
	6.499		.178			4.580		.165		
	6.321		.352			4.415		.333		
	19.493	6.4977		.622		13.743	4.5810		.582	
3	6.771		.177			4.009		.181		
	6.594		.176			3.828		.180		
	6.418		.353			3.648		.361		
	19.783	6.5943		.975		11.485	3.8283		.943	
F.B. 0084 P.G. 90 4	6.593		.183			3.649		.171		
	6.410		.181			3.478		.173		
	6.229		.364			3.305		.344		
	16.232	5.4107		1.339		10.432	3.4773		1.287	
5	6.407		.169			4.160		.191		
	6.238		.169			3.969		.190		
	6.069		.338			3.779		.381		
	18.714	6.2380		1.677		11.908	3.9693		1.668	
		31.2074 ✓					19.5999 ✓			

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. 15011
Notes by E. E. Brooks Time 10:45-11:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 29 Oct 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	7.258	31.2074	.179	1.677		2.867	19.5999	.172	1.668	
	7.079		.179			2.695		.170		
	6.900		.358			2.525		.342		
	21.237	7.0790		2.035		8.087	2.6957		2.010	
7	7.115		.184			4.819		.178		
	6.931		.181			4.641		.176		
	6.750		.365			4.465		.354		
	20.796	6.9320		2.400		13.925	4.6417		2.364	
8	6.028		.176			4.589		.176		
	5.852		.174			4.413		.172		
	5.678		.350			4.241		.348		
	17.558	5.8527		2.750		13.243	4.4143		2.712	
9	6.120		.178			4.429		.174		
	5.942		.174			4.255		.176		
	5.768		.352			4.079		.350		
	17.830	5.9433		3.102		12.763	4.2543		3.062	
10	6.215		.175			4.215		.175		
	6.440		.175			4.040		.171		
	6.265		.350			3.869		.346		
	19.320	6.4400		3.452		12.124	4.0413		3.408	
		63.4544					39.6472			

F.B. 2884 P.G. 21

PLEASE RETURN TO
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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: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:45 – 11:20 — Rod No.: 19:20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 11-96 To: BM 11-95
Date: 29 Oct 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	6.492	63.4544	.163	3.452		3.122	39.6472	.194	3.408	
	6.329		.167			2.928		.193		
	6.162		.330			2.735		.387		
	18.983	6.3277		3.782		8.785	2.9283		3.795	
12	5.247		.179			3.931		.164		BM 11-95 Valley Blvd at San Jose Hills Rd. See F.B. 2880-44
	5.068		.179			3.767		.167		
	4.889		.358			3.600		.331		
	15.204	5.0680		4.140	98°	11.298	3.7660		4.126	
										Summation of Run From B.M. 11-96 To B.M. 11-95
										Total Backsights = + 74.8501 Total Foresights = – 46.3415 Diff. Elev. = +28.3086
										Backsight stadia = 4.140 Foresight Stadia = 4.126 Total Stadia = 8.266 = 0.52 mi.
		74.8501					46.3415			

F.B. 2880 PG. 92

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 30 Oct 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
1	4.642		.173		#19	6.947		.177		BM 11-95
	4.469		.173			6.770		.178		Valley Blvd. at San Jose
	4.296		.346			6.592		.355		Hills Rd.
	13.407	4.4690		.346	94°	17.309	5.7697		.355	see F.B. 2880-44
2	3.210		.182			6.610		.177		
	3.028		.179			6.433		.173		↑ Valdez
	2.849		.361			6.260		.350		
	9.087	3.0290		.707		19.303	6.4343		.705	
3	4.309		.173			6.712		.174		
	4.136		.175			6.538		.177		
	3.961		.348			6.361		.351		
	12.406	4.1353		1.055		19.611	6.5370		1.056	
4	4.505		.176			6.190		.177		
	4.329		.179			6.013		.175		
	4.150		.355			5.838		.352		
	12.984	4.3280		1.410		18.041	6.0137		1.408	
5	4.629		.181			6.069		.174		
	4.458		.174			5.895		.175		
	4.284		.345			5.720		.349		
	13.371	4.4570		1.755		17.684	5.8947		1.757	
		20.4183					30.6497			

F.B. 2894 P.G. 93

PLEASE RETURN TO
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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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40-11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 30 Oct 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
	4.722	20.4183	.176	1.755		7.020	30.6498	.181	1.757	
	4.546		.177			6.839		.181		
	4.369		.353			6.658		.362		
6	13.637	4.5457		2.108		20.517	6.8390		2.119	
	2.598		.176			6.981		.177		
	2.422		.172			6.804		.175		
	2.250		.348			6.629		.352		
7	7.270	2.4233		2.456		20.414	6.8047		2.471	
	4.373		.184			6.638		.177		
	4.189		.182			6.461		.176		
	4.007		.366			6.285		.353		
8	12.569	4.1897		2.822		19.384	6.4613		2.824	
	4.000		.178			6.942		.181		
	3.822		.174			6.759		.180		
	3.648		.352			6.579		.361		
9	11.470	3.8233		3.174		17.278	5.7593		3.185	
	4.630		.181			7.392		.173		
	4.449		.180			7.219		.177		
	4.269		.361			7.042		.350		
10	13.348	4.4493		3.535		21.653	7.2177		3.535	
		39.8496					43.731			

F.B. 2084 PG. 94

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40-11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0.3.01.02
From BM 11-95 To BM 11-96
Date 30 Oct 1962
Indexed C. J. GAUT

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
	5.029	39.8496	.167	3.535		6.958	63.731X	.177	3.535	
	4.862		.163			6.781		.178		
11	4.699		.330			6.603		.355		
	14.590	4.8633		3.865		20.342	6.7807		3.890	
	3.989		.127			6.720		.134		BM 11-96
	3.862		.124			6.586		.136		Valley Blvd. at Brea Canyon
12	3.738		.351			6.450		.270		Rd.
	11.589	3.8630		4.216	92°	19.756	6.5853		4.160	See F.B. 1376-86
										Summation of Run From B.M. 11-95 To B.M. 11-96
										Total Backsights = + 48.5759 Total Foresights = − 77.097X Diff. Elev. = − 28.5218
										Backsight stadia = 4.216 Foresight Stadia = 4.160 Total Stadia = 8.376 = .53
		48.5759					77.097X			

F.B. 2884 P.G. 95

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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 K.M. Karr Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 10-30-62
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
1	6.750		137		19	4.015		125		BM 11-96
	6.613		133			3.890		125		Valley Blvd at Brea
	6.480		270			3.765		250		Canyon Rd.
	19.843	6.6143		270	96°	11.670	3.8900		250	See F.B. 1374-86
2	6.528		176			4.598		166		
	6.352		174			4.432		164		T Cook
	6.178		350			4.268		330		
	19.058	6.3527		620		13.298	4.4327		580	
3	6.830		168			4.083		190		
	6.662		166			3.893		190		
	6.496		334			3.703		380		
	19.988	6.6627		954		11.679	3.8930		960	
4	5.463		180			3.526		174		
	5.283		181			3.352		176		
	5.102		361			3.176		350		
	15.848	5.2827		1.315		10.054	3.3513		1.310	
5	6.418		180			4.150		180		
	6.238		176			3.970		180		
	6.062		356			3.790		360		
	18.718	6.2393		1.671		11.910	3.9700		1.670	
		31.1517					19.5370			

F.B. 2884 pg. 96

76P526-CE 379—10-57

PLEASE RETURN TO
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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 K. M. Kapp Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 10-30-62
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
6	6.585	31.1517	178	1.671		2.201	19.5370	174	1.670	
	6.407		177			2.027		170		
	6.230		355			1.857		344		
	19.222	6.4073		2.026		6.085	2.0283		2.014	
7	6.678		185			4.375		175		
	6.493		182			4.200		177		
	6.311		367			4.023		352		
	19.482	6.4940		2.393		12.598	4.1993		2.365	
8	5.947		170			4.520		180		
	5.777		170			4.340		180		
	5.607		340			4.160		360		
	17.331	5.7770		2.733		13.020	4.3400		2.726	
9	6.079		176			4.394		179		
	5.903		174			4.215		176		
	5.729		350			4.039		355		
	17.711	5.9037		3.083		12.648	4.2160		3.081	
10	6.643		173			4.242		174		
	6.470		176			4.068		177		
	6.294		349			3.891		351		
	19.407	6.4690		3.432		12.201	4.0670		3.432	
		62.2027					38.3870			

F.B. 2884 P.G. 97

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 Inst. No. 15066
Notes by K. M. Kapp Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 10-30-62
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
11	6.464	62.2027	174	3.432		3.066	38.3876	180	3.432	
	6.290		174			2.886		180		
	6.116		348			2.706		360		
	18.870	6.2900		3.780		8.658	2.8860		3.792	
12	5.462		179			4.146		164		BM 11-95
	5.283		177			3.982		162		Valley Blvd at San Jose
	5.106		356			3.820		326		Hills Rd
	15.851	5.2837		4.136	98°	11.948	3.9827		4.118	See F.B. 2880-44
										Summation of Run From B.M. 11-96 To B.M. 11-95
F.B. 3884 P.G. 98										Total Backsights = + 73.7764 Total Foresights = − 45.2563 Diff. Elev. = +28.5201
										Backsight stadia = 4.136 Foresight Stadia = 4.118 Total Stadia = 8.254 = 0.52 mi.
		73.7764					45.2563			

WJM

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: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 1:55–2:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-96 To: BM 11-97A
Date: 30 Oct 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
1	4.439		.177		#19	6.921		.177		BM 11-96
	4.262		.176			6.744		.175		Valley Blvd at Brea Canyon Rd.
	4.086		.353			6.569		.352		
	12.787	4.2623		.353	100°	20.234	6.7447		.352	See F.B. 1376-86
2	4.122		.174			6.351		.172		
	3.948		.177			5.179		.173		π Valdez
	3.771		.351			5.006		.345		
	11.841	3.9470		.704		15.536	5.1787		.697	
3	6.194		.176			6.210		.176		
	5.018		.178			6.034		.174		
	4.840		.354			5.860		.350		
	15.052	5.0173		1.058		18.104	6.0347		1.047	
4	4.462		.180			6.740		.189		
	4.282		.180			6.551		.185		
	4.102		.360			6.366		.374		
	12.846	4.2820		1.418		19.657	6.5523		1.421	
5	3.207		.179			6.519		.172		
	3.028		.177			6.347		.175		
	2.851		.356			6.172		.347		
	9.086	3.0287		1.774		19.038	6.3460		1.768	
		20.5373					30.8564			

F.B. 2004 P.G. 29

PLEASE RETURN TO
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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: 1:55 - 2:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM11-96 To BM11-97A
Date: 30 Oct 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
6	3.270	20.5373	.178	1.774		6.500	30.8564	.178	1.768	
	3.092		.175			6.322		.174		
	2.917		.353			6.148		.352		
	9.279	3.0930		2.127		18.970	6.3233		2.120	
7	2.949		.176			6.160		.172		
	2.773		.172			5.988		.172		
	2.601		.348			5.816		.344		
	8.323	2.7743		2.475		17.964	5.9880		2.464	
8	2.892		.173			5.906		.177		
	2.719		.171			5.729		.178		
	2.543		.349			5.551		.355		
	8.154	2.7180		2.824		17.186	5.7287		2.819	
F.B. 2443 P.G. 100 9	3.481		.175			5.461		.172		
	3.306		.176			5.289		.176		
	3.130		.351			5.113		.348		
	9.917	3.3057		3.175		15.863	5.2877		3.167	
10	4.780		.179			5.801		.178		
	4.601		.178			5.623		.174		
	4.423		.357			5.449		.352		
	13.804	4.6013		3.532		16.873	5.6243		3.519	
		37.0296					59.8084			

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 1:55-2:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-97A
Date 30 Oct 1962
Indexed C. J. GATTI

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	4.574	37.0296	.174	3.532		5.150	59.8084	.171	3.519	
	4.400		.178			4.979		.175		
	4.222		.352			4.804		.346		
	13.196	4.3987		3.884		14.933	4.9777		3.865	
12	4.161		.172			6.258		.178		Summation of Run
	3.989		.170			6.080		.179		From B.M. 11-96
	3.819		.342			5.901		.357		To B.M. 11-97A
	11.969	3.9897		4.226		18.239	6.0797		4.222	
13	2.909		.152			5.069		.130		BM 11-97A (L.A.C.F.C. BM 102-18)
	2.757		.153			4.939		.131		Valley Blvd at Carney Rd.
	2.604		.305			4.808		.261		See F.B. 1376-378.
	8.270	2.7567		4.531	98°	14.816	4.9387		4.483	
										Total Backsights = + 48.1747
										Total Foresights = − 75.8045
										Diff. Elev. = − 27.6298
										Backsight stadia = 4.531
										Foresight Stadia = 4.483
										Total Stadia = 9.014
										= .57 mi.
		48.1747					75.8045			

F.B. 1384 P.G. 101

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 9:50 - 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-97A To BM11-96
Date Nov. 2-62
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
	4.955		137		#19	2.779		143		BM11-97A (L.A.C.F.C. BM102-6)
	4.818		139			2.636		145		Valley Blvd at Carney
1	4.679					2.491				Rd.
	14.452	4.8173	276	276	78°	7.906	2.6353	288	288	See F.B. 1376-87B
	6.365		177			4.270		173		
	6.188		178			4.097		176		T KAPP
2	6.010					3.921				
	18.563	6.1877	355	631		12.288	4.0960	349	637	
	5.043		176			4.461		173		
	4.867		177			4.288		177		
3	4.690					4.111				
	14.600	4.8667	353	984		12.860	4.2867	350	987	
	5.728		179			4.705		180		
	5.549		179			4.525		178		
4	5.370					4.347				
	16.647	5.5490	358	1342		13.577	4.6257	358	1345	
	5.460		175			3.477		176		
	5.285		176			3.301		173		
5	5.109					3.129				
	15.854	5.2847	351	1693		10.907	3.3023	349	1694	
		26.7054				9	18.8460			

F.B. 2284 P.G. 102

76P526-CE 379—10-57

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: E. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: Cook Time: 9:50 – 10:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-97A To: BM 11-96
Date: Nov. 2-62
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	6.105	26.7054	177	1693		3.085	18.8460	174	1694	
	5.928		179			2.911		171		
	5.749					2.740				
	17.782	5.9273	356	2049		8.736	2.9120	345	2039	
7	6.302		172			3.090		173		
	6.130		172			2.917		176		
	5.958					2.741				
	18.390	6.1300	344	2393		8.748	2.9160	349	2388	
8	6.289		179			3.058		177		
	6.110		177			2.881		175		
	5.933					2.708				
	18.332	6.1107	356	2749		8.647	2.8823	350	2738	
9	6.940		175			3.428		178		
	6.567		176			3.250		178		
	6.391					3.072				
	19.698	6.5660	349	3098		9.750	3.2500	356	3094	
10	6.745		186			4.468		180		
	6.559		189			4.288		180		
	6.370					4.108				
	19.674	6.5580	375	3473		12.864	4.2880	360	3454	
		~~57.998~~ 57.998					~~35.094~~ 35.094			

F.B. 2824 P.G. 117

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 9:50 - 10:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-97A To BM 11-96
Date Nov 2-62
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	6.190	5.9987	170	3473		5.189	5.0948	184	3454	
	6.020		170			5.005		182		
	5.850					4.823				
	18.060	6.0200	340	3813		15.017	5.0057	366	3820	
12	5.739		176			4.509		177		Summation of Run From B.M. 11-97A To B.M. 11-96
	5.563		173			4.332		173		
	5.390					4.159				
	16.692	5.5640	349	4162		13.000	4.3333	350	4170	
13	6.088		178			5.602		175		BM 11-96 Valley Blvd at Brea Canyon Rd. See F.B. 1376-86
	5.910		177			3.427		177		
	5.733					3.250				
	17.731	5.9103	355	4517		10.279	3.4263	352	4522	
										Total Backsights = + 75.4924
										Total Foresights = − 47.8598
										Diff. Elev. = + 27.6326
										Backsight stadia = 4517
										Foresight Stadia = 4522
										Total Stadia = 9039
										= .57 Mi
		75.4924					47.8598			

F.B. 2884 P.G. 104

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 2:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-97A To BM 11-97
Date 30 Oct 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
	5.223		.065			5.851		.081		BM 11-97A (L.A.C.F.C. BM 1962-18)
	5.158		.067			5.770		.081		Valley Blvd at Carrey Rd.
1	5.091		.132			5.689		.162		
	15.472	5.1573		.132	98°	17.310	5.7700		.162	See F.B. 1376-87B
	3.710		.161			6.207		.156		BM 11-97
	3.549		.161			6.051		.152		Valley Blvd at Carrey Rd.
2	3.388		.322			5.899		.308		
	10.647	3.5490		.454		18.157	6.0523		.470	See F.B. 1376-87
										T. Valdez

Summation of Run
From B.M. 11-97A
To B.M. 11-97

Total Backsights = + 8.7063
Total Foresights = − 11.8223
Diff. Elev. = −3.1160

Backsight stadia = .454
Foresight Stadia = .470
Total Stadia = .924
= .06 mi.

F.B. 2000 P.G. 105

8.7063 11.8223

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 9:45 - 9:50 Rod No. 12-26

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-97 To BM 11-97A
Date Nov. 2-62
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
1	7.010		155		#19	4.508		158		BM 11-97
	6.855		155			4.350		157		Valley Blvd at Carrey
	6.700					4.193				Rd.
	20.565	6.8550	310	310	78°	13.051	4.3503	315	315	See F.B. 1376-87
2	5.890		080			5.268		069		BM 11-97A (L.A.C.F.C. BM 102)
	5.810		080			5.199		069		Valley Blvd. at Carrey
	5.730					5.130				Rd.
	17.430	5.8100	160	470		15.597	5.1990	138	453	See F.B. 1376-87B
										T - Kapp
										Summation of Run
										From B.M. 11-97
										To B.M. 11-97A
										Total Backsights = + 12.6650
										Total Foresights = − 9.5493
										Diff. Elev. = + 3.1157
										Backsight stadia = 470
										Foresight Stadia = 453
										Total Stadia = 923
										= .06 m
		12.6650					9.5493			

F.B. 2284 P.G. 106

76P526-CE 379—10-57

PLEASE RETURN TO
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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 K. M. Kapp Time 2:55-9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-97 To BM 11-98A
Date 10-30-62 to 10-31-62
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
	4.150		172		19	5.991		174		BM 11-97
	3.978		176			5.817		176		Valley Blvd at Carney Rd.
1	3.802		348			5.641		350		
	11.930	3.9767		348	96°	17.449	5.8163		350	See F.B. 1376-87
	4.056		174			6.333		174		
	3.882		172			6.159		177		T Cook
2	3.710		346			5.982		351		
	11.648	3.8827		694		18.474	6.1580		701	
	3.943		168			6.268		176		
	3.775		167			6.092		173		
3	3.608		335			5.919		349		
	11.326	3.7753		1.029		18.279	6.0930		1.050	
	3.418		194			6.201		194		
	3.224		193			6.007		196		
4	3.031		387			5.811		390		
	9.673	3.2243		1.416		18.019	6.0063		1.440	
	3.968		184			6.320		170		
	3.784		183			6.150		171		
5	3.601		367			5.979		341		
	11.353	3.7843		1.783		18.449	6.1497		1.781	
		18.6433					30.2233			

F.B. 2004 P.G. 101

PLEASE RETURN TO
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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 K. M. Karp Time 2:55 - 9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-97 To BM 11-98 A
Date 10-30-62 to 10-31-62
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	18.6433	174	1.783		5.550	30.2233	178	1.781	
	3.436		176			5.372		176		
	3.260		350			5.196		354		
	10.306	3.4353		2.133		16.118	5.3727		2.135	
7	3.820		178			5.733		174		
	3.642		174			5.559		177		
	3.468		352			5.382		351		
	10.930	3.6433		2.485		16.674	5.5580		2.486	
8	4.027		176			5.182		173		
	3.851		173			5.009		171		
	3.678		349			4.838		344		
	11.556	3.8520		2.834		15.029	5.0097		2.830	
F.B. 2004 P.G. 108 9	4.005		176			5.258		175		
	3.829		178			5.083		173		
	3.651		354			4.910		348		
	11.485	3.8283		3.188		15.251	5.0837		3.178	
10	3.972		170			4.028		191		T.B.M. 3:40
	3.802		172			3.837		194		
	3.630		342			3.643		385		
	11.404	3.8013		3.530	94°	11.508	3.8360		3.563	
		37.2035					55.0834			

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 K.M. Kapp Time 2:55-9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-97 To BM 11-98A
Date 10-30-62 to 10-31-62
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
		37.2035		3.530	19		55.0834		3.563	8:40 Start
	3.601		167			5.783		163		
	3.434		166			5.620		164		
11	3.268		333			5.456		327		
	10.303	3.4343		3.863	82°	16.859	5.6197		3.890	
	3.868		182			4.885		165		
	3.686		181			4.720		163		
12	3.505		363			4.557		328		
	11.059	3.6863		4.226		14.162	4.7207		4.218	
	3.893		168			5.271		180		
	3.725		170			5.091		180		
13	3.555		338			4.911		360		
	11.173	3.7243		4.564		15.273	5.0910		4.578	
	3.847		177			5.128		170		
	3.670		175			4.958		174		
14	3.495		352			4.784		344		
	11.012	3.6707		4.916		14.870	4.9567		4.922	
	4.590		170			6.372		171		
	4.420		172			6.201		174		
15	4.248		342			6.027		345		
	13.258	4.4193		5.258		18.600	6.2000		5.267	
		56.1384					81.6715			

F.B. 1984 P.G. 149

PLEASE RETURN TO
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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 K. M. Kapp Time 2:55-9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-97 To B.M. 11-98A
Date 10-30-62 to 10-31-62
Indexed F. 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
	5.740	56.1384	152	5.258		5.220	81.6715	150	5.267	BM 11-98 A (Corps. of Eng'r. SUC 1:
	5.588		151			5.070		150		Valley Blvd. @ Lemon Rd.
16	5.437		303			4.920		300		
	16.765	5.5883		5.561	84°	15.210	5.0700		5.567	See F.B. 2880-46
										Summation of Run From B.M. 11-97 To B.M. 11-98 A
										Total Backsights = + 61.7267 Total Foresights = − 86.7415 Diff. Elev. = -25.0148
										Backsight stadia = 5.561 Foresight Stadia = 5.567 Total Stadia = 11.128 = 0.70 mi.
F.B. 2884 P.G. 110										
		61.7267					86.7415			

Wm

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Hazy
Time: 3:00 – 3:40
Inst. No.: 15066
Rod No.: 19-20

Name:
Job No.: 0301.02
From: BM 11-98A To: BM 11-97
Date: 1 Nov 1962
Indexed: C. L. 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	4.929		.152		#19	5.446		.153		BM 11-98 A (Corps of Engr. 5JC 112)
	4.777		.155			5.293		.149		Valley Blvd. @ Lemon Rd.
	4.622		.307			5.144		.302		See F.B. 2880-46
	14.328	4.7760		.307	86°	15.883	5.2943		.302	
2	6.670		.170			4.888		.173		T Kapp
	6.500		.172			4.715		.173		
	6.328		.342			4.542		.346		
	19.498	6.499		.649		14.145	4.7150		.648	
3	5.360		.170			4.081		.177		
	5.190		.170			3.904		.176		
	5.020		.340			3.728		.353		
	15.570	5.1900		.989		11.713	3.9043		1.001	
4	5.742		.175			4.370		.170		
	5.567		.178			4.200		.170		
	5.389		.353			4.030		.340		
	16.198	5.5660		1.342		12.600	4.2000		1.341	
5	5.399		.172			4.369		.196		
	5.227		.170			4.193		.173		
	5.057		.342			4.020		.349		
	15.683	5.2277		1.684		12.582	4.1940		1.690	
		27.2537					22.3076			

F.B. 2884 P.G. 111

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by F. E. Brooks
Weather Hazy
Time 3:00 – 3:40
Inst. No. 15066
Rod No. 19–20

Name
Job No. 0301.02
From BM 11-98A To BM 11-97
Date 1 Nov 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
	5.940	24.2557	.170	1.684		3.741	22.3096	.160	1.690	TBM
	5.770		.171			3.581		.160		
6	5.599		.341			3.421		.320		
	17.309	5.7697		2.025		10.743	3.5810		2.010	
	4.910		.192			4.852		.171		
	4.718		.193			4.681		.170		
7	4.525		.385			4.511		.341		
	14.153	4.7177		2.410		14.044	4.6813		2.351	
	5.810		.172			4.560		.179		
	5.638		.170			4.381		.176		
8	5.468		.342			4.205		.355		
	16.916	5.6387		2.752		13.146	4.3820		2.706	
	5.403		.173			4.250		.174		
	5.230		.170			4.076		.175		
9	5.060		.343			3.901		.349		
	15.693	5.2310		3.095		12.227	4.0757		3.055	
	6.100		.168			4.201		.184		
	5.932		.164			4.017		.187		
10	5.768		.332			3.830		.371		
	17.800	5.9333		3.427		12.048	4.0160		3.426	
		54.5487					43.0436			

E.B. 2284 P.G. 112

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 15066
Notes by E. E. Brooks Time 3:00 - 3:40 Rod No. 19-20

Name
Job No. 0301.02
From BM 11-98A To BM 11-97
Date 1 Nov 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
	6.190	34.5467	.175	3.427		4.251	43.0436	.174	3.426	
	6.015		.175			4.077		.177		
11	5.840		.350			3.900		.351		
	18.045	6.0150		3.777		12.228	4.0760		3.777	
	6.953		.181			4.381		.173		
	6.572		.179			4.208		.177		
12	6.393		.360			4.031		.350		
	19.918	6.5727		4.137		12.620	4.2067		4.127	
	6.679		.191			3.899		.194		
	6.488		.191			3.705		.194		
13	6.297		.382			3.511		.388		
	19.464	6.4880		4.519		11.115	3.7050		4.515	
	6.570		.172			4.248		.168		
	6.398		.176			4.080		.170		
14	6.222		.348			3.910		.338		
	19.190	6.3967		4.867		12.238	4.0793		4.857	
	6.779		.177			4.500		.173		
	6.602		.174			4.327		.176		
15	6.428		.351			4.151		.349		
	19.809	6.6030		5.218		12.978	4.3260		5.202	
		86.62~~75~~ 47					63.4366			

F.B. 2884 P.G. 113

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 150.66
Notes by F. E. Brooks Time 3:00 - 3:40 Rod No. 19-20

Name
Job No. 0301.02
From BM 11-98A To BM 11-97
Date 1 Nov 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
	6.655	86.62~~15~~ 47	.175	5.218		4.815	63.4366	.175	5.202	BM 11-97
	6.480		.177			4.640		.173		Valley Blvd. at Carney Rd.
16	6.303		.352			4.467		.348		see F.B. 1376-87
	19.438	6.4793		5.570	80°	13.922	4.6407		5.550	
										Summation of Run From B.M. 11-98A To B.M. 11-97
										Total Backsights = + 93.10~~08~~ 40 Total Foresights = − 68.0773 Diff. Elev. = + 25.02~~35~~ 67
F.B. 1224 P.G. 114										Backsight stadia = 5.570 Foresight Stadia = 5.550 Total Stadia = 11.120 = .70 mi.
		93.10~~08~~ 40					68.0773			

76P526-CE 379--10-57

PLEASE RETURN TO
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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 9:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-98A To BM 11-99
Date 31 Oct 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
	6.468		.126		#19	4.221		.124		BM 11-98A (Corps of Engr. SJC 112)
	6.342		.125			4.097		.126		Valley Blvd at Lemon Rd.
	6.217		.251			3.971		.250		
	19.027	6.3423		.251	84°	12.289	4.0963		.250	see F.B. 2880-46
										BM 11-99 (U.S. 1176)
										Valley Blvd at Lemon Ave
										see F.B. 1376-88
										T Cook
										Summation of Run
										From B.M. 11-98 A
										To B.M. 11-99
										Total Backsights = + 6.3423
										Total Foresights = − 4.0963
										Diff. Elev. = + 2.2460
										F.B. 2884 P.G. 115
										Backsight stadia = .251
										Foresight Stadia = .250
										Total Stadia = .501
										= .03 mi.

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 7:00 - 3:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0341.02
From BM 11-99 To BM 11-98A
Date 1 Nov 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
1	4.301		.126		#19	6.549		.128		BM 11-99 (US 1176)
	4.175		.126			6.421		.126		Valley Blvd at Lemon
	4.049		.252			6.295		.254		Ave
	12.525	4.1750		.252	86°	19.265	6.4217		254	See F.B. 1376-88
										BM 11-98A (Corps of Engr. sic)
										Valley Blvd at Lemon
										Ave
										See F.B. 2880-46
										T Kopp
										Summation of Run
										From B.M. 11-99
										To B.M. 11-98A
										Total Backsights = + 4.1750
										Total Foresights = − 6.4217
										Diff. Elev. = − 2.2467
										.0029 2.2460
										Backsight stadia = 252
										Foresight Stadia = 254
										Total Stadia = 506
										= .03 MILES

F.B. 2884 P.G. 116

76P526-CE 379—10-57

PLEASE RETURN TO
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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 E. E. Brooks Time 9:10 - 9:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-99 To BM 11-99A
Date 31 Oct 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
	4.362		.126		#19	7.531		.131		BM 11-99 (U.S. 1176)
	4.236		.129			7.400		.130		Valley Blvd at Lemon Ave
1	4.107		.255			7.270		.261		
	12.705	4.2350		.255	84°	22.201	7.4003		.261	See F.B. 1376-88
	4.200		.168			6.053		.170		
	4.032		.167			5.883		.170		T Cook
2	3.865		.335			5.713		.340		
	12.097	4.0323		.590		17.649	5.8830		.601	
	4.603		.164			5.680		.168		
	4.439		.168			5.512		.168		
3	4.271		.332			5.344		.336		
	13.313	4.4377		.922		16.536	5.5120		.937	
	4.769		.165			5.986		.166		
	4.604		.163			5.820		.167		
4	4.441		.328			5.653		.333		
	13.814	4.6047		1.250		17.459	5.8197		1.270	
	4.503		.165			5.540		.164		
	4.338		.168			5.376		.164		
5	4.170		.333			5.212		.328		
	13.011	4.3370		1.583		16.128	5.3760		1.598	
		21.6467					29.9987			

F.B. 1394 P.G. 117

PLEASE RETURN TO
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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: 9:10 - 9:35 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-99 To: BM 11-99A
Date: 31 Oct 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
6	4.304	21.6467	.158	1.583		5.109	29.9997	.166	1.598	
	4.146		.158			4.943		.164		
	3.988		.316			4.779		.330		
	12.438	4.1460		1.899		14.831	4.9437		1.928	
7	5.057		.070			2.714		.051		BM 11-99A (L.A.C.F.C. BM 102-14)
	4.987		.070			2.663		.050		Valley Blvd ± ft W. of
	4.917		.140			2.613		.101		Lemon Ave.
	14.961	4.98870		2.039	90°	7.990	2.6633		2.029	See F.B. 1376 - 87C
										Summation of Run From B.M. 11-99 To B.M. 11-99A
										Total Backsights = + 30.7797 Total Foresights = − 37.5977 Diff. Elev. = − 6.8180
										Backsight stadia = 2.039 Foresight Stadia = 2.029 Total Stadia = 4.068 = .26 mi.
		30.7797					37.5977			

F.B. 2084 P.G. 118

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15166
Notes by C.G. VALDEZ Time 2:30 — 3:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM11-99A To BM11-99
Date 11-1-62
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	3.103		054			5.437		065		BM 11-99A (L.A.C. F.C. BM 102-14)
	3.049		056			5.372		064		Valley Blvd 1210 ± ft W. of
	2.993		110			5.308		129		Lemon Ave
	9.145	3.0483		.110	86°	16.117	5.3723		.129	See F.B. 1376-87C
2	5.278		165			4.477		160		
	5.113		162			4.317		160		
	4.951		327			4.157		320		
	15.342	5.1140		.437		12.951	4.3170		.449	T Cook.
3	5.851		161			4.820		168		
	5.690		160			4.652		164		
	5.530		321			4.488		332		
	17.071	5.6903		.758		13.960	4.6533		.781	
4	5.973		173			4.743		155		
	5.800		172			4.588		157		
	5.628		345			4.431		312		
	17.401	5.8003		1.103		13.762	4.5873		1.093	
5	5.642		170			4.568		167		
	5.472		168			4.401		166		
	5.304		338			4.235		333		
	16.418	5.4727		1.441		13.204	4.4013		1.426	
		25.1257					23.3312			

F.B. 2884 P.G. 119

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 2:30 – 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-99A To BM11-99
Date 11-1-62
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	5800	25.1257	167	1.441		3950	23.3312	170	1.426	
	5.633		163			3.780		170		
	5.470		330			3.610		340		
	16.903	5.6343		1.771		11.340	3.7800		1.766	
7	7.352		133			4.181		124		BM 11-99 (U.S. 1176)
	7.219		137			4.057		127		Valley Blvd at Lemon
	7.082		270			3.930		251		Ave
	21.653	7.2177		2.041	86°	12.168	4.0560		2.017	See F.B. 1376-88
										Summation of Run From B.M. 11-99A To B.M. 11-99
F.B. 2884 P.G. 120										Total Backsights = + 37.9777 Total Foresights = – 31.1672 Diff. Elev. = + 6.8105
										Backsight stadia = 2.041 Foresight Stadia = 2.017 Total Stadia = 4.058 = .26 MILES
		37.9777					31.1672			

76P526-CE 379—10-57

PLEASE RETURN TO
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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 K. M. Kapp Time 9:45-10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-99A To BM 11-100A
Date 10-31-62
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
	3.090		054		19	5.924		055		BM 11-99A (L.A.C.F.C. BM 102-14)
	3.036		056			5.869		052		Valley Blvd. 1210± ft W. of
1	2.980		110			5.817		107		Lemon Ave.
	9.106	3.0353		110	90°	17.610	5.8700		107	See F.B. 1376-87C
	5.630		170			5.169		175		
	5.460		170			4.994		174		π Valdez
2	5.290		340			4.820		349		
	16.380	5.4600		450		14.983	4.9943		456	
	5.948		161			5.081		161		
	5.787		161			4.920		163		
3	5.626		322			4.757		324		
	17.361	5.7870		772		14.758	4.9193		780	
	6.068		178			5.182		169		
	5.890		175			5.013		165		
4	5.715		353			4.848		334		
	17.673	5.8910		1.125		15.043	5.0143		1.114	
	5.466		157			5.031		159		
	5.309		159			4.872		159		
5	5.150		316			4.713		318		
	15.925	5.3083		1.441		14.616	4.8720		1.432	
		25.4816					25.6699			

F.B. 2884 P.G. 121

PLEASE RETURN TO
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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 K. M. Kapp Time 9:45-10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-99A To BM 11-100A
Date 10-31-62
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
6	4.421	25.4816	169	1.441		6.803	25.6699	172	1.432	
	4.252		165			6.631		168		
	4.087		334			6.463		340		
	12.760	4.2533		1.775		19.897	6.6323		1.772	
7	3.557		172			7.181		170		
	3.385		174			7.011		170		
	3.211		346			6.841		340		
	10.153	3.3843		2.121		21.033	7.0110		2.112	
8	2.903		170			6.162		171		
	2.733		167			5.991		168		
	2.566		337			5.823		339		
	8.202	2.7340		2.458		17.976	5.9920		2.451	
F.B. 2884 P.G. 122 9	3.682		162			6.960		170		
	3.520		164			6.790		166		
	3.356		326			6.624		336		
	10.558	3.5193		2.784		20.374	6.7913		2.787	
10	3.568		167			6.210		168		
	3.401		163			6.042		166		
	3.238		330			5.876		334		
	10.207	3.4023		3.114		18.128	6.0427		3.121	
		42.7748					58.1392			

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 K. M. Kapp Time 9:45 - 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-99A To BM 11-100A
Date 10-31-62
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
11	4.548	42.7748	059	3.114		5.235	58.1392	050	3.121	
	4.494		053			5.185		050		
	4.441		107			5.135		100		
	13.483	4.4943		3.221		15.555	5.1850		3.221	
12	3.922		161			5.821		157		
	3.761		162			5.664		156		
	3.599		323			5.508		313		
	11.282	3.7607		3.544		16.993	5.6643		3.534	
13	3.699		162			5.809		159		
	3.537		166			5.650		160		
	3.371		328			5.490		319		
	10.607	3.5357		3.872		16.949	5.6497		3.853	
14	4.112		153			6.384		158		
	3.959		157			6.226		157		
	3.802		310			6.069		315		
	11.873	3.9577		4.182		18.679	6.2263		4.168	
15	4.012		161			6.288		158		
	3.851		159			6.130		157		
	3.692		320			5.973		315		
	11.555	3.8517		4.502		18.391	6.1303		4.483	
		62.3749					86.9948			

F.B. 1664 P.G. 127

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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 K. M. Kapp Time 9:45 – 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-99A To BM 11-100A
Date 10-31-62
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
	4.232	62.3749	152	4.502		5.956	86.9948	156	4.483	BM 11-100A
	4.080		152			5.800		154		Valley Blvd @ Camino de Teodora
16	3.928		304			5.646		310		
	12.240	4.0800		4.806	94°	17.402	5.8007		4.793	See F.B. 2880-47
										Summation of Run From B.M. 11-99A To B.M. 11-100A
										Total Backsights = + 66.4549 Total Foresights = − 92.7955 Diff. Elev. = −26.3406
										Backsight stadia = 4.806 Foresight Stadia = 4.793 Total Stadia = 9.599 = 0.61 mi.
F.B. 2880 P.G. 124										
		66.4549					92.7955			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 1:45 - 2:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0.30 P.02
From: BM 11-100 A To: BM 11-99 A
Date: 1 Nov. 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
	5.989		.156		#19	4.268		.156		BM 11-100 A
	5.833		.154			4.112		.152		Valley Blvd. @ Camino de Teodora
1	5.679		.310			3.960		.308		
	17.501	5.8337		310	88°	12.340	4.1133		.308	See F.B. 2880 - 47
	6.420		.155			4.150		.161		
	6.265		.155			3.989		.160		T. Kapp
2	6.110		.310			3.829		.321		
	18.795	6.2650		.620		11.968	3.9893		.629	
	6.698		.158			4.429		.159		
	6.540		.158			4.270		.157		
3	6.382		.316			4.113		.316		
	19.620	6.5400		.936		12.812	4.2707		.945	
	6.030		.160			3.912		.157		
	5.870		.162			3.755		.157		
4	5.708		.322			3.598		.314		
	17.608	5.8693		1.158		11.265	3.7550		1.259	
	6.922		.157			4.022		.160		
	5.765		.156			3.862		.161		
5	6.609		.313			3.701		.321		
	17.296	5.7653		1.571		11.585	3.8617		1.580	
		30.2733					19.9900			

F.B. 2884 P.G. 125

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: E. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 1:45 - 2:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-100A To: BM 11-99A
Date: 1 Nov. 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
6	6.441	30.2733	.050	1.571		4.752	19.9900	.052	1.580	
	6.391		.050			4.700		.051		
	6.341		.100			4.649		.103		
	16.173	5.3910		1.671		14.101	4.7003		1.683	
7	6.538		.168			3.891		.162		
	6.370		.169			3.729		.166		
	6.201		.337			3.563		.328		
	19.109	6.3697		2.008		11.183	3.7277		2.011	
8	6.808		.168			3.530		.164		
	6.640		.169			3.366		.165		
	6.471		.337			3.201		.329		
	19.919	6.6397		2.345		10.097	3.3657		2.340	
F.B. 2004 P.G. 126 9	6.748		.171			3.481		.166		
	6.577		.172			3.315		.166		
	6.405		.343			3.149		.332		
	19.730	6.5767		2.686		9.945	3.3150		2.672	
10	7.420		.171			3.790		.170		
	7.249		.171			3.620		.170		
	7.078		.342			3.450		.340		
	21.747	7.2490		3.030		10.860	3.6200		3.012	
		62.4994					38.7187			

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: E. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 1:45 - 2:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-100A To: BM 11-99A
Date: 7 Nov 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	7.590	62.4994	.171	3.030		5.208	38.7187	.169	3.012	
	7.419		.169			5.039		.169		
	7.250		.340			4.870		.338		
	22.259	7.4197		3.370		15.117	5.0390		3.750	
12	4.637		.159			5.070		.158		
	4.478		.158			4.912		.154		
	4.320		.317			4.758		.312		
	13.435	4.4783		3.687		14.740	4.9133		3.662	
13	5.251		.171			6.131		.171		
	5.080		.170			5.960		.172		
	4.910		.341			5.788		.347		
	15.241	5.0803		4.028		17.879	5.9597		4.005	
14	4.821		.164			5.690		.161		
	4.660		.160			5.529		.160		
	4.500		.324			5.369		.321		
	13.981	4.6603		4.348		16.588	5.5293		4.326	
15	5.328		.177			5.788		.170		
	5.154		.173			5.618		.168		
	4.978		.350			5.450		.338		
	15.457	5.1523		4.698		16.856	5.6187		4.664	
		89.2903					65.7784			

F.B. 2004 P.G. 127

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks Weather: Clear Inst. No.: 15066
Notes by: F. E. Brooks Time: 10:30 – 11:05 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-100A To: BM 11-101
Date: 31 Oct 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
1	3.190		.160		#19	6.010		.160		BM 11-100A
	3.030		.160			5.850		.160		Valley Blvd at Camino de Teodora
	2.870		.320			5.690		.320		
	9.090	3.0300		.320	94°	17.550	5.8500		.320	See F.B. 2880-47
2	4.190		.160			6.755		.156		
	4.030		.160			5.599		.158		T Cook
	3.870		.320			5.441		.314		
	12.090	4.0300		.640		16.795	5.5983		.634	
3	4.389		.153			6.909		.154		
	4.236		.154			5.755		.154		
	4.082		.307			5.601		.308		
	12.707	4.2357		.947		17.265	5.7550		.942	
4	4.070		.151			5.730		.154		
	3.919		.151			5.576		.155		
	3.768		.302			5.421		.309		
	11.757	3.9190		1.249		16.727	5.5757		1.251	
5	4.297		.156			5.760		.157		
	4.141		.154			5.603		.153		
	3.987		.310			5.450		.310		
	12.425	4.1417		1.559		16.813	5.6043		1.561	
		19.3564					28.3833			

F.B. 2884 P.G. 129

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.: 15026
Notes by: E. E. Brooks — Time: 10:30 – 11:05 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-100A To: BM 11-101
Date: 31 Oct 1962
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
6	4.261	4.3564	.151	1.559		5.282	5.3833	.151	1.561	Summation of Run
	4.110		.150			5.131		.151		From B.M. 11-100A
	3.960		.301			4.980		.302		To B.M. 11-101
	12.331	4.1103		1.860		15.393	5.1310		1.863	
7	4.751		.172			5.313		.170		Total Backsights = + 41.6327
	4.579		.171			5.143		.170		Total Foresights = − 55.0023
	4.408		.343			4.973		.340		Diff. Elev. = −13.3696
	13.738	4.5793		2.203		15.429	5.1430		2.203	
8	4.466		.152			4.857		.153		
	4.314		.153			4.704		.150		Backsight stadia = 3.075
	4.161		.305			4.554		.303		Foresight Stadia = 3.076
	12.941	4.3137		2.508		14.115	4.7050		2.506	Total Stadia = 6.151
9	4.708		.193			5.112		.195		= .39 mi.
	4.515		.192			4.917		.195		
	4.323		.385			4.722		.390		
	13.546	4.5153		2.893		14.751	4.9170		2.896	
10	4.849		.092			6.813		.090		BM 11-101 (U.S. 1177)
	4.757		.090			6.723		.090		Valley Blvd 0.35± mi W. of
	4.667		.182			6.633		.180		Camino de Teodora
	14.273	4.7577		3.075	94°	20.169	6.7230		3.076	See 1376-90
		41.6327					55.0023			

F.B. 2684 P.G. 130

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 1:15 — 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-101 To BM11-100A
Date 11-1-62
Indexed [redacted] 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	6.953		091			4990		092		BM 11-101
	6862		090			4898		091		Valley Blvd 0.35± mi. w.
	6772		181			4807		183		of Camino de Teodora
	10.587	6.8623		.181	88°	14.695	4.8983		183	See F.B. 1376 -
2	5485		197			5.083		197		
	5288		194			4.886		196		
	5094		391			4.690		393		T Cook
	15.867	5.2890		.572		14.659	4.8863		.576	
3	5.164		150			4.773		151		
	5014		150			4.622		151		
	4864		300			4471		302		
	15.042	5.0140		.872		13.866	4.6220		.878	
4	5.181		174			4.619		169		
	5.013		171			4.450		171		
	4.842		345			4.279		340		
	15.042	5.0140		1.217		13.348	4.4493		1.218	
5	5412		150			4391		151		
	5262		153			4240		152		
	5109		303			4088		303		
	15.783	5.2610		1.520		12.719	4.2397		1.521	
		27.4403					23.0956			

F.B. 2884 P.G. 131

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: HAZY Inst. No.: 15066
Notes by: C.G. VALDEZ Time: 1:15 - 1:45 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-101 To: BM 11-100A
Date: 11-1-62
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	5630	2.4103	156	1.520		4164	2.3956	155	1.521	
	5474		154			4009		153		Summation of Run
	5320		312			3856		308		From B.M. 11-101
	16424	5.4747		1.832		12029	4.0093		1.829	To B.M. 11-100A
7	5.749		153			4.093		153		
	5.596		155			3.940		153		Total Backsights = + 55.7323
	5.441		308			3.787		306		Total Foresights = − 42.3600
	16.786	5.5953		2.140		11.820	3.9400		2.135	Diff. Elev. = + 13.3719
8	5822		154			4.300		152		
	5668		157			4.148		152		Backsight stadia = 3.075
	5511		311			3.996		304		Foresight Stadia = 3.081
	17.001	5.6670		2.151		12.444	4.1480		2.139	Total Stadia = 6.156
										= .30 MILES
9	5760		152			4.201		162		
	5.608		152			4.039		166		
	5.456		304			3.873		328		
	16.824	5.6080		2.755		12.113	4.0377		2.767	
10	6107		160			3290		160		BM 11-100A
	5947		160			3130		160		Valley Blvd at Camino de
	5787		320			2970		320		Teodora
	17.841	5.9470		3.075	88°	9.390	3.1300		3.087	See F. B. 2880-47
	55.1323					42.3600				

F.B. 2884 P.G. 132

76P526-CE 379—10-57

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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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:15-12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-101 To BM 11-102A
Date 10-31-62
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
1	7.490		167		19	4.311		164		BM 11-101 (U.S. 1177)
	7.323		167			4.147		167		Valley Blvd 0.35 mi W. of
	7.156		334			3.980		331		Camino de Teodora
	21.969	7.3230		334	94°	12.438	4.1460		331	See F.B. 1376-90
2	6.677		145			4.832		143		
	6.532		142			4.689		144		T Valdez
	6.390		287			4.545		287		
	19.599	6.5330		621		14.066	4.6887		618	
3	5.381		143			5.695		144		
	5.238		147			5.551		141		
	5.091		290			5.410		285		
	15.710	5.2367		911		16.656	5.5520		903	
4	3.967		164			7.048		167		
	3.803		165			6.881		166		
	3.638		329			6.715		333		
	11.408	3.8027		1240		20.644	6.8813		1237	
5	2.570		173			6.928		179		
	2.397		175			6.749		179		
	2.222		348			6.570		358		
	7.189	2.3963		1588		20.247	6.7490		1594	
		25.2917					28.0170			

F.B. 2884 P.G. 137

76P526-CE 379—10-57

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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 Inst. No. 15066
Notes by K. M. Kapp Time 11:15-12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-101 To BM 11-102A
Date 10-31-62
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	3.041	25.2917	.161	1.588		7.223	28.0170	165	1.598	
	2.880		160			7.058		169		
	2.720		321			6.889		334		
	8.641	2.8803		1.909		21.170	7.0567		1.928	
7	2.941		196			7.727		195		
	2.745		194			7.532		192		
	2.551		390			7.340		367		
	8.237	2.7457		2.299		22.599	7.5330		2.315	
8	3.799		170			5.702		166		
	3.629		168			5.536		166		
	3.461		338			5.370		332		
	10.889	3.6297		2.637		16.608	5.5360		2.647	
F.B. 2004 P.G. 134 9	4.924		086			5.419		090		
	4.838		088			5.329		090		
	4.750		174			5.239		180		
	14.512	4.8373		2.811		15.987	5.3290		2.827	
10	4.814		152			5.788		149		
	4.662		152			5.639		152		
	4.510		304			5.467		301		
	13.986	4.6620		3.115		16.914	5.6380		3.128	
		44.0467					59.1097			

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 K. M. Kapp Time 11:15 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-101 To BM 11-102A
Date 10-31-62
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
11	4.788	44.0467	156	3.115		5.722	59.1097	159	3.125	
	4.632		152			5.563		158		
	4.480		308			5.405		317		
	13.900	4.6333		3.423		16.690	5.5633		3.445	
12	4.776		156			5.769		150		
	4.620		158			5.619		153		
	4.462		314			5.466		303		
	13.858	4.6193		3.737		16.854	5.6180		3.748	
13	4.527		158			5.275		154		
	4.369		154			5.121		152		
	4.215		312			4.969		306		
	13.111	4.3703		4.049		15.365	5.1217		4.054	
14	4.670		159			5.249		162		
	4.516		156			5.087		161		
	4.360		310			4.926		323		
	13.546	4.5153		4.359		15.262	5.0873		4.374	
15	4.908		156			5.380		156		
	4.752		152			5.224		154		
	4.600		308			5.070		310		
	14.260	4.7533		4.667		15.674	5.2247		4.684	
		66.9382					85.7247			

F.B. 1884 P.G. 135

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: K. M. Kapp Time: 11:15-12:00 Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 11-101 To: BM 11-102 A
Date: 10-31-62
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
16	4.577	4.4382	109	4.667		5.211	5.1247	100	4.684	BM 11-102 A (Copper B-12)
	4.468		110			5.111		100		Valley Blvd. & Nogales Ave.
	4.358		219			5.011		200		
	13.403	4.4677		4.886	96°	15.333	5.1110		4.884	See F.B. 1376-91
										Summation of Run From B.M. 11-101 To B.M. 11-102 A
										Total Backsights = + 71.4059 Total Foresights = − 90.8357 Diff. Elev. = − 19.4298
										Backsight stadia = 4.886 Foresight Stadia = 4.884 Total Stadia = 9.770 = 0.62 mi.
	71.4059					90.8357				

F.B. 2884 P.G. 136

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 11:25 - 12:10
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-102A To: BM 11-101
Date: 1 Nov. 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
	4.077		.095			3.441		.101		BM 11-102A (Covina B-12)
	3.982		.091			3.340		.100		Valley Blvd. & Nogales Ave.
1	3.891		.186			3.240		.201		
	11.950	3.9833		.186	84°	10.021	3.3403		.201	See F.B. 1376-91
	5.751		.153			5.280		.155		
	5.598		.157			5.125		.155		π Kapp
2	5.441		.310			4.970		.310		
	16.790	5.5967		.496		15.375	5.1250		.511	
	5.451		.161			4.877		.156		
	5.290		.160			4.721		.153		
3	5.130		.321			4.568		.309		
	15.871	5.2903		.817		14.166	4.7220		.820	
	5.469		.156			4.713		.153		
	5.313		.153			4.560		.157		
4	5.160		.309			4.403		.310		
	15.942	5.3140		1.126		13.676	4.5587		1.130	
	5.960		.151			4.968		.159		
	5.809		.154			4.809		.157		
5	5.655		.305			4.652		.316		
	17.424	5.8080		1.431		14.429	4.8097		1.446	
		25.9923					22.5557			

F.B. 2884 P.G. 172

76P526-CE 379—10-57

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: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 11:25 - 12:10 Rod No.: 19 - 20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-102A To: BM 11-101
Date: 1 Nov 1962
Indexed: G. J. GAUL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.997	25.9923	.160	1.431		5.060	22.5559	.152	1.446	
	6.837		.159			4.908		.156		
	6.678		.319			4.752		.308		
	19.512	5.8373		1.750		14.720	4.9067		1.754	
7	6.030		.150			5.052		.150		
	5.880		.151			4.902		.150		
	5.729		.301			4.752		.300		
	17.639	5.8799		2.051		14.706	4.9020		2.054	
8	6.658		.091			5.158		.086		
	6.567		.095			5.072		.083		
	6.472		.186			4.989		.169		
	16.697	5.5657		2.237		15.219	5.0730		2.223	
9	6.288		.169			4.380		.168		
	6.119		.168			4.212		.167		
	5.951		.337			4.045		.335		
	18.358	6.1193		2.514		12.637	4.2123		2.556	
10	7.887		.196			3.100		.195		
	7.691		.192			2.905		.195		
	7.499		.388			2.710		.380		
	23.077	7.6923		2.962		8.715	2.9050		2.938	
	57.0866					44.5547				

F.B. 2884 PG. 135

76P526-CE 379—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 DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:25-12:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-102A To BM 11-101
Date 1 Nov. 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	7.478	57.0866	.166	2.962		3.300	44.5547	.164	2.938	
	7.312		.164			3.136		.165		
	7.148		.330			2.971		.329		
	21.938	7.3127		3.292		9.407	3.1357		3.267	
12	7.430		.175			3.078		.177		
	7.255		.175			2.901		.173		
	7.080		.350			2.728		.350		
	21.765	7.2550		3.642		8.707	2.9023		3.617	
13	7.111		.163			4.031		.162		
	6.948		.167			3.869		.164		
	6.781		.330			3.705		.326		
	20.840	6.9467		3.972		11.605	3.8683		3.943	
14	6.912		.142			5.599		.146		
	6.770		.142			5.453		.147		
	6.628		.284			5.310		.289		
	17.310	5.7700		4.256		16.362	5.4540		4.232	
15	4.282		.144			6.128		.143		
	4.138		.144			5.985		.144		
	3.994		.288			5.841		.287		
	12.414	4.1380		4.544		17.954	5.9847		4.519	
		88.5090					45.8997			

F.B. 1884 P.G. 130

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:25-12:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-102A To B.M. 11-101
Date 1 Nov. 1962
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
	4.510	68.5090	.164	4.544		7.690	65.8997	.170	4.519	BM 11-101 (U.S. 1177)
	4.346		.167			7.520		.169		Valley Blvd. 0.35 mi. N. of
16	4.179		.331			7.351		.339		Camino de Teodora
	13.035	43.450		4.875	84°	22.561	8.5203		4.858	See F.B. 1376-90
										Summation of Run From B.M. 11-102A To B.M. 11-101
										Total Backsights = + 92.8540 Total Foresights = − 73.4200 Diff. Elev. = +19.4340
										Backsight stadia = 4.875 Foresight Stadia = 4.858 Total Stadia = 9.733 = .62 mi.
	92.8540					73.4200				

F.B. 2284 P.G. 140

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: 1:05–1:55 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-102A To BM 11-103A
Date: 31 Oct 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
1	4.608		.141		#19	5.719		.140		BM 11-102A (Covina B-12)
	4.467		.144			5.579		.140		Valley Blvd at Nogales
	4.323		.285			5.439		.280		Ave
	13.398	4.4660		.285	96°	16.737	5.5790		.280	see F.B. 1376-91
2	4.272		.155			6.650		.160		
	4.117		.159			6.490		.160		T Cook
	3.958		.314			6.330		.320		
	12.347	4.1157		.599		19.470	6.4900		.600	
3	3.797		.161			6.819		.158		
	3.636		.160			6.661		.159		
	3.476		.321			6.502		.317		
	10.909	3.6363		.920		19.982	6.6607		.917	
4	3.658		.158			6.738		.157		
	3.500		.156			6.581		.154		
	3.344		.314			6.427		.311		
	10.502	3.5007		1.234		19.746	6.5820		1.228	
5	3.673		.156			6.621		.156		
	3.517		.157			6.465		.154		
	3.360		.313			6.311		.310		
	10.550	3.5167		1.547		19.397	6.4657		1.538	
		19.2354					31.7774			

F.B. 1384 P.G. 141

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: R. E. Brooks Weather: Clear Inst. No.: 15066
Notes by: R. E. Brooks Time: 1:05 – 1:55 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.82
From: BM 11-102A To: BM 11-103A
Date: 31 Oct 1962
Indexed: E. J. GAMU

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	3.569	19.2354	.157	1.547		6.531	31.7774	.154	1.538	
	3.412		.153			6.377		.157		
	3.259		.310			6.220		1.311		
	10.240	3.4133		1.851		19.128	6.3760		1.849	
7	4.738		.165			7.991		.164		
	4.573		.163			7.827		.166		
	4.410		1.328			7.661		.330		
	13.721	4.5737		2.185		23.449	7.8163		2.179	
8	3.483		.167			6.140		.166		
	3.316		.166			5.974		.164		
	3.150		1.333			5.810		1.330		
	9.949	3.3163		2.518		17.924	5.9747		2.509	
F.B. 2884 P.G. 142 9	3.652		.163			5.435		.165		
	3.489		.166			5.270		.162		
	3.323		1.329			5.108		1.327		
	10.464	3.4880		2.847		15.813	5.2710		2.836	
10	4.360		.173			5.709		.176		
	4.187		.172			5.531		.173		
	4.015		1.345			5.358		1.349		
	12.562	4.1873		3.192		16.596	5.5320		3.185	
		38.2140					62.7474			

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: E. E. Brooks — Time: 1:05 – 1:55 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-102A To: BM 11-103A
Date: 31 Oct 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
11	4.325	38.2140	.165	3.192		5.869	62.7474	.163	3.185	Summation of Run
	4.160		.165			5.706		.163		From B.M. 11-102A
	3.995		.330			5.543		.326		To B.M. 11-103A
	12.480	4.1600		3.522		17.118	5.7060		3.511	
12	4.490		.167			6.288		.175		Total Backsights = + 58.6904
	4.323		.165			6.113		.174		Total Foresights = − 86.3230
	4.158		.332			5.942		.346		Diff. Elev. = −27.6326
	12.971	4.3237		3.854		18.343	6.1143		3.857	
13	3.672		.164			6.895		.167		Backsight stadia = 4.263
	3.508		.165			6.728		.163		Foresight Stadia = 4.269
	3.343		.329			6.565		.330		Total Stadia = 8.532
	10.523	3.5077		4.183		20.188	6.7293		4.187	= .54 mi.
14	8.525		.040			5.067		.041		BM 11-103A (Covina A 12)
	8.485		.040			5.026		.041		Valley Blvd. 439± ft. E. of
	8.445		.080			4.985		.082		La Seda Rd.
	25.455	8.4850		4.263	96°	15.078	5.0260		4.269	See F.B. 1376-92A
		58.6904					86.3230			

F.B. 2884 P.G. 143

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 C.G. VALDEZ Time 10:45 - 11:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-103A To BM11-102A
Date 11-1-62
Indexed C. J. GALTI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.231 5.190 5.150		041 040 081			8.690 8.650 8.610		040 040 080		BM11-103A Covina Air Valley Blvd 439± ft. E. of La Seda Rd. See F.B. 1396-92A
	15.571	5.1903		.081	81°	25.950	8.6500		.080	
2	7.066 6.902 6.740		164 162 326			3.842 3.679 3.516		163 163 326		T- Cook
	20.708	6.9027		.407		11.037	3.6790		.406	
3	6.468 6.295 6.123		173 172 345			4.675 4.505 4.335		170 170 340		
	18.886	6.2953		.752		13.515	4.5050		.716	
4	6.141 5.978 5.817		163 161 324			4.597 4.431 4.267		166 164 330		
	17.936	5.9787		1.076		13.295	4.4317		1.076	
5	5.978 5.802 5.628		176 174 350			4.631 4.459 4.287		172 172 344		
	17.408	5.8027		1.426		13.377	4.4590		1.420	
		30.1697					25.7247			

F.B. 2881 P.G. 44

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: Time: 10:45 - 11:25 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-103A To: BM11-102A
Date: 11-1-62
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	6.089	30.1697	165	1.626		4.306	25.7241	166	1.620	
	5.924		163			4.140		164		
	5.761		328			3.976		328		
	17.774	5.9247		1.754		12.422	4.1407		1.748	
7	6.462		166			3.807		168		
	6.296		165			3.639		167		
	6.131		331			3.472		335		
	18.889	6.2963		2.085		10.918	3.6393		2.083	
8	6.974		164			3.731		162		
	6.810		163			3.569		164		
	6.647		327			3.405		326		
	20.431	6.8103		2.412		10.705	3.5683		2.409	
9	6.864		154			3.903		154		
	6.710		154			3.749		158		
	6.556		308			3.591		312		
	20.130	6.7100		2.720		11.243	3.7477		2.721	
10	6.818		156			3.871		157		
	6.662		155			3.714		155		
	6.507		311			3.559		312		
	19.987	6.6623		3.031		11.144	3.7147		3.033	
		62.5733					44.5357			

F.B. 2881 P.G. 145

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 C.G. VALDEZ Time 10:45 - 11:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-103A To BM11-102A
Date 11-1-62
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
11	6.970	6.25733	158	3.031		3.883	4.46351	151	3.033	Summation of Run From B.M. 11-102A To B.M. 11-102A
	6.812		151			3.729		158		
	6.658		312			3.571		312		
	20.440	6.8133		3.343		11.183	3.7277		3.345	
12	6.740		158			3.718		160		Total Backsights = + 88.4689
	6.582		155			3.558		160		Total Foresights = − 60.83 67 22
	6.427		313			3.398		320		Diff. Elev. = + 27.63 ~~+8~~
	19.749	6.5830		3.656		10.674	3.5580		3.665	
13	6.736		161			4.360		158		Backsight stadia = 4.265
	6.572		160			4.202		155		Foresight Stadia = 4.264
	6.412		324			4.047		313		Total Stadia = 8.529
	19.720	6.5733		3.980		12.609	4.2030		3.978	= .51 MILES
14	6.068		141			4.956		144		BM11-102A (Corina B-12) Valley Blvd at Nogales Ave
	5.927		144			4.812		142		
	5.783		285			4.670		286		See F.B. 1376-91
	17.778	5.9260		4.265	81°	14.438	4.8127		4.264	

F.B. 1884 P.G. 46

88.4689 60.8367

✓ WJm

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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 K. M. Kapp Time 2:05-2:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-103A To BM 11-104A
Date 10-31-62
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
1	1.840		093		19	7.733		094		BM 11-103A
	1.747		096			7.639		097		Valley Blvd 439± ft E. of
	1.651		189			7.542		191		La Seda Rd.
	5.238	1.7460		189	96°	22.914	7.6380		191	See F.B. 1376-92A
2	3.448		180			6.249		181		
	3.268		180			6.068		178		T Valdez
	3.088		360			5.890		359		
	9.804	3.2680		549		18.207	6.0690		550	
3	4.442		158			5.439		160		
	4.284		156			5.279		160		
	4.128		314			5.119		320		
	12.854	4.2847		863		15.837	5.2790		870	
4	4.661		187			6.017		182		
	4.474		185			5.835		179		
	4.289		372			5.656		361		
	13.424	4.4747		1.235		17.508	5.8360		1.231	
5	4.429		170			5.621		173		
	4.259		170			5.448		176		
	4.089		340			5.272		349		
	12.777	4.2590		1.575		16.341	5.4470		1.580	
		18.0324					30.2690			

F.B. 1376 P.G. 147

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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 K. M. Kapp Time 2:05-2:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-103A To B.M. 11-104A
Date 10-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rad and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.570	18.0324	178	1.575		5.781	30.2690	180	1.580	
	4.392		180			5.601		180		
	4.212		358			5.421		360		
	13.174	4.3913		1.933		16.803	5.6010		1.940	
7	4.886		166			6.225		165		
	4.720		168			6.060		164		
	4.552		334			5.896		329		
	14.158	4.7193		2.267		18.181	6.0603		2.269	
8	4.452		164			5.990		163		
	4.288		166			5.827		166		
	4.122		330			5.661		329		
	12.862	4.2873		2.597		17.478	5.8260		2.598	
F.B. 2984 P.G. 148 9	4.718		172			6.252		170		
	4.546		168			6.082		169		
	4.378		340			5.913		339		
	13.642	4.5473		2.937		18.247	6.0823		2.937	
10	5.121		073			5.700		070		
	5.048		075			5.630		070		
	4.973		148			5.560		140		
	15.142	5.0473		3.085		16.890	5.6300		3.077	
		41.0249					59.4686			

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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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 2:05-2:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-103A To BM 11-104A
Date 10-31-62
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
11	4.807	41.0249	154	3.085		6.210	59.4686	151	3.077	
	4.653		153			6.059		150		
	4.500		307			5.909		301		
	13.960	4.6533		3.392		18.178	6.0593		3.378	
12	4.774		154			6.041		151		
	4.620		154			5.890		150		
	4.466		308			5.740		301		
	13.860	4.6200		3.700		17.671	5.8903		3.679	
13	4.401		152			5.799		158		
	4.249		149			5.641		158		
	4.100		301			5.483		316		
	12.750	4.2500		4.001		16.923	5.6410		3.995	
14	4.319		157			5.671		150		
	4.162		153			5.521		152		
	4.009		310			5.369		302		
	12.490	4.1633		4.311		16.561	5.5203		4.297	
15	4.438		157			5.798		152		
	4.281		156			5.646		155		
	4.125		313			5.491		307		
	12.844	4.2813		4.624		16.935	5.6450		4.604	
		62.9928					88.2245			

F.B. 28664 P.G. 144

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 2:05 - 2:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-103A To BM 11-104A
Date 10-31-62
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
16	5.483 5.342 5.198 16.023	62.9928 5.3410	141 144 285	4.624 4.909	94°	5.331 5.190 5.050 15.571	68.2245 5.1903	141 140 281	4.604 4.885	BM 11-104A (Puente L12) Valley Blvd. 697± ft. E of Giano Ave. See F.B. 1376-92B
										Summation of Run From B.M. 11-103A To B.M. 11-104A
										Total Backsights = + 68.3338 Total Foresights = − 93.4148 Diff. Elev. = −25.0810
										Backsight stadia = 4.909 Foresight Stadia = 4.885 Total Stadia = 9.794 = 0.62 mi.
	68.3338					93.4148				

F.B. 2884 P.G. 150

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 F. E. Brooks
Notes by F. E. Brooks
Weather Clear
Time 10:00 - 10:35
Inst. No. 15066
Rod No. 19-70

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-104A To BM 11-103A
Date Nov. 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
1	4.141		.139		#19	4.298		.146		BM 11-104A (Puente 612)
	4.002		.141			4.152		.143		Valley Blvd. 697± ft. E. of
	3.861		.280			4.009		.289		Giano Ave.
	12.004	4.0013		.280	84°	12.459	4.1530		.289	See F.B. 1376-92B
2	4.939		.151			3.580		.158		
	4.788		.153			3.422		.154		T. Kapp
	4.635		.304			3.268		.312		
	14.362	4.7873		.584		10.270	3.4233		.601	
3	5.669		.154			4.312		.153		
	5.515		.156			4.159		.157		
	5.359		.310			4.002		.310		
	16.543	5.5143		.894		12.473	4.1577		.911	
4	5.620		.154			4.230		.157		
	5.466		.155			4.073		.154		
	5.311		.309			3.919		.311		
	16.397	5.4657		1.203		12.222	4.0740		1.222	
5	6.450		.156			5.180		.155		
	6.294		.153			5.025		.155		
	6.141		.309			4.870		.310		
	18.885	6.2950		1.512		15.075	5.0250		1.532	
		26.0636					20.8330			

F.B. 2884 P.G. 57

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: F. E. Brooks Weather: Clear Inst. No.: 15066
Notes by: F. E. Brooks Time: 10:00 – 10:35 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 03.01.02
From: BM 11-104A To: BM 11-103A
Date: 1 Nov. 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
6	7.019	26.0636	.156	1.512		6.612	20.8330	.152	1.532	
	6.863		.153			5.460		.153		
	6.710		.309			5.307		.305		
	20.592	6.8640		1.821		16.379	5.4597		1.837	
7	6.957		.071			5.378		.075		
	5.886		.073			5.303		.077		
	5.813		.144			5.230		.148		
	17.656	5.8853		1.955		15.911	5.3037		1.995	
8	6.750		.170			5.211		.170		
	6.580		.170			5.041		.171		
	6.410		.340			4.870		.341		
	19.740	6.5800		2.305		15.122	5.0407		2.326	
9	6.830		.151			5.298		.169		
	6.679		.154			5.129		.168		
	6.505		.305			4.961		.337		
	20.004	6.6680		2.610		15.388	5.1293		2.663	
10	6.079		.167			4.959		.166		
	5.912		.164			4.793		.163		
	5.748		.331			4.630		.329		
	17.739	5.9130		2.941		13.722	4.5740		2.992	
	57.9939					46.3404				

F.B. 2224 P.G. 15/2

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 F. E. Brooks
Notes by F. E. Brooks
Weather Clear
Time 10:00 - 10:35
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-104A To BM 11-103A
Date 1 Nov. 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	6.052	59.9739	.177	2.941		4.850	46.3404	.181	2.992	
	5.875		.177			4.669		.179		
	5.698		.354			4.490		.360		
	17.625	5.8750		3.295		14.009	4.6697		3.352	
12	5.715		.186			4.498		.159		
	5.529		.187			4.339		.159		
	5.342		.373			4.180		.318		
	16.586	5.5287		3.668		13.017	4.3390		3.670	
13	6.038		.179			4.682		.184		
	5.859		.181			4.498		.188		
	5.678		.360			4.310		.372		
	17.575	5.8583		4.028		13.490	4.4967		4.042	
14	5.122		.160			4.130		.160		
	4.962		.157			3.970		.160		
	4.805		.317			3.810		.320		
	14.889	4.9630		4.345		11.910	3.9700		4.362	
15	6.240		.180			3.438		.180		
	6.060		.181			3.258		.179		
	5.879		.361			3.079		.359		
	18.179	6.0597		4.706		9.775	3.2583		4.721	
		86.2580					67.0741			

F.B. 2884 P.G. 157

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: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 10:00 – 10:35
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-104A To: BM 11-103A
Date: 1 Nov 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
16	7.559 7.467 7.372	86.2586	.092 .095 .187	4.906		1.669 1.574 1.478	67.0741	.095 .094 1.191	4.921	BM 11-103A Valley Blvd. 437± ft. E. of La Seda Rd.
	22.398	7.4660		4.893	84°	4.719	1.5730		4.912	See F.B. 1376-92A
										Summation of Run From B.M. 11-104A To B.M. 11-103A
										Total Backsights = + 93.7246 Total Foresights = − 68.6471 Diff. Elev. = +25.0775
										Backsight stadia = 4.893 Foresight Stadia = 4.912 Total Stadia = 9.805 = .62 mi

F.B. 2884 P.G. 154

93.7246 | 68.6471

✓ DeJm

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 2:55-3:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-104A To BM 11-105A
Date 31 Oct 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
	4.170		.117		#19	5.895		.125		BM 11-104A (Puente L-12)
	4.053		.115			5.770		.125		Valley Blvd 697± ft E. of
1	3.938		.232			5.645		.250		Giano Ave
	12.161	4.0537		.232	94°	17.310	5.7700		.250	See F.B. 1376-92B
	4.584		.152			5.952		.154		
	4.432		.153			5.798		.158		π Cook
2	4.279		.305			5.640		.312		
	13.295	4.4317		.537		17.390	5.7967		.562	
	4.420		.157			6.002		.154		
	4.263		.155			5.848		.156		
3	4.108		.312			5.692		.310		
	12.791	4.2637		.849		17.542	5.8473		.872	
	4.558		.154			5.851		.153		
	4.404		.152			5.698		.157		
4	4.252		.306			5.541		.310		
	13.214	4.4047		1.155		17.090	5.6967		1.182	
	4.348		.240			6.100		.206		
	4.108		.209			5.894		.206		
5	3.899		.419			5.688		.412		
	12.325	4.1083		1.574		17.682	5.8940		1.594	
		21.2621					29.0047			

F.B. 1834 P.G. 155

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 2:55 - 3:40 Rod No. 19.20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-104A To BM11-105A
Date 31 Oct 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	5.117	2.621	.164	1.574		5.793	29.0647	.159	1.594	
	4.953		.163			5.629		.161		
	4.790		1.327			5.466		1.320		
	14.860	4.9533		1.901		16.888	5.6283		1.914	
7	4.783		.165			5.433		.166		
	4.618		.168			5.267		.167		
	4.450		1.333			5.100		1.333		
	13.851	4.6170		2.234		15.800	5.2667		2.247	
8	4.660		.166			5.440		.165		
	4.494		.164			5.275		.165		
	4.330		1.330			5.110		1.330		
	13.484	4.4947		2.564		15.825	5.2750		2.577	
9	4.920		.165			5.575		.165		
	4.755		.165			5.410		.165		
	4.590		1.330			5.245		1.330		
	14.265	4.7550		2.894		16.230	5.4100		2.907	
10	4.948		.166			5.578		.168		
	4.782		.164			5.430		.161		
	4.618		1.330			5.261		1.337		
	14.348	4.7827		3.224		16.269	5.4297		3.244	
		44.8648'					56.0144'			

F.B. 2684 P.G. 156

76P526-CE 379—10-57

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 Inst. No. 15066
Notes by: F. E. Brooks Time: 2:55-3:40 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-104A To BM 11-105A
Date: 31 Oct 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
11	5.031	44.8648	.165	3.224		5.480	56.0144	.161	3.244	
	4.866		.167			5.319		.159		
	4.699		.332			5.160		.320		
	14.596	4.8653		3.556		15.959	5.3197		3.564	Summation of Run
12	5.190		.180			5.685		.167		From B.M. 11-104A
	5.010		.180			5.518		.169		To B.M. 11-105A
	4.830		.360			5.349		.336		
	15.030	5.0100		3.916		16.552	5.5173		3.900	Total Backsights = + 69.8077
13	5.028		.164			5.556		.166		Total Foresights = − 82.5621
	4.864		.163			5.390		.167		Diff. Elev. = −12.7544
	4.701		.327			5.223		.333		
	14.593	4.8643		4.243		16.169	5.3897		4.233	Backsight stadia = 4.691
14	5.038		.146			5.565		.169		Foresight Stadia = 4.671
	4.892		.142			5.396		.169		Total Stadia = 9.362
	4.750		.288			5.227		.338		= .59 mi.
	14.680	4.8933		4.531		16.188	5.3960		4.571	
15	5.390		.080			4.975		.050		BM 11-105A (Puente J-11)
	5.310		.080			4.925		.050		Valley Blvd at Hamburden
	5.230		.160			4.875		.100		Ave.
	15.930	5.3100		4.691	92°	14.775	4.9250		4.671	See F.B. 1376-94A
		69.8077					82.5621			

F.B. 1884 P.G. 157

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: Cook – Valdez — Time: 8:50 – 9:50 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 11-105 A To: BM 11-104 A
Date: Nov. 1 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
	5.041		059		#19	5.439		.071		BM 11-105 A (Puente J-11)
	4.982		059			5.368		.070		Valley Blvd at Hambledon
1	4.923					5.298				Ave
	14.946	4.982	118	118	78°	16.105	5.368	141	141	See F.B. 1376-94A
	5.609		177			5.069		139		
	5.432		173			4.930		139		T Valdez – Cook
2	5.259					4.791				
	16.300	5.433	350	468		14.790	4.9300	278	419	
	5.599		159			5.086		173		
3	5.440		159			4.913		170		
	5.281					4.743				
	16.320	5.440	318	786		14.742	4.914	343	762	
	5.621		167			5.131		183		
	5.454		165			4.948		184		
4	5.289					4.764				
	16.364	5.454	332	1118		14.843	4.948	367	1129	
	5.654		158			5.208		167		
5	5.496		160			5.041		167		
	5.336					4.874				
	16.486	5.495	318	1436		15.123	5.041	334	1463	
	26.8053					25.2016				

F.B. 2084 P.G. 158

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by Cook - Valdez Time 8:50 - 9:50 Rod No. 19-20

Name L. A. Co. Precise Level N +
Job No. 030102
From BM 11-105A To BM 11-104A
Date Nov. 1, 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	5.757	26.8053	173	1436		5.099	25.2018	162	1463	
	5.584		173			4.937		164		
	5.411					4.773				
	16.752	5.5840	346	1782		14.809	4.9363	326	1789	
7	5.856		165			5.203		164		
	5.691		163			5.039		168		
	5.528					4.871				T-Cook
	17.075	5.6917	328	2.110		15.113	5.0377	332	2.121	
8	5.288		166			4.509		167		
	5.122		165			4.342		170		
	4.957					4.172				
	15.367	5.1223	331	2.441		13.023	4.3410	337	2.458	
9	5.531		164			4.885		166		
	5.367		168			4.719		168		
	5.199					4.551				
	16.097	5.3657	332	2.773		14.155	4.7183	334	2.792	
10	5.542		164			4.861		159		
	5.378		167			4.702		159		
	5.211					4.543				
	16.131	5.3770	331	3.104		14.106	4.7020	318	3.110	
		53.9460					48.9363			

F.B. 16894 P.G. 159

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 E. Brooks Weather CLEAR Inst. No. 15066
Notes by VALDEZ, C.G. Time 8:50 – 9:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 2301.02
From BM11-105A To BM11-104A
Date 11-1-62
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
	6308	53.9460	201	3.101		4.521	48.9363	210	3.110	
	6.101		206			4.314		210		
11	5.895					4.104				
	18.304	6.1013	413	3.517		12.942	4.3140	420	3.530	Summation of Run From B.M. 11-105A To B.M. 11-104A
	5.753		160			4.450		150		
	5.593		160			4.300		150		
12	5.433					4.150				
	16.779	5.5930	320	3.837		12.900	4.3000	300	3.830	Total Backsights = + 82.92~~66~~70
	5.960		157			4.377		156		Total Foresights = − 70.16~~66~~23
	5.803		155			4.221		154		Diff. Elev. = + 12.76~~00~~17
13	5.648					4.067				
	17.411	5.8037	312	4.149		12.665	4.2217	310	4.140	
	5.990		157			4.623		154		Backsight stadia = 4.711
	5.833		155			4.469		155		Foresight Stadia = 4.683
	5.678					4.314				Total Stadia = 9.394
14	17.501	5.8337	312	4.461		13.406	4.4687	309	4.449	= .59 MILES
	5.774		124			4.012		118		BM 11-104 A (PUENTE. L-12)
	5.650		126			3.924		116		VALLEY BLVD. 697± FT. E. OF
15	5.524					3.808				GIANO AVE.
	16.948	5.6493	250	4.711	81°	11.744	3.9247	234	4.683	SEE F.B. 1376-92 B
	82.92~~66~~					70.16~~66~~23				

F.B. 2984 P.G. 160

76P526-CE 379—10-57

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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
Notes by: F. E. Brooks
Weather: Hazy
Time: 8:50 - 11:25
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-105A To: BM 11-106A
Date: 2 Nov. 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
1	4.276		.193			6.209		.178		BM 11-105A (Puente S-11)
	4.083		.194			6.031		.175		Valley Blvd. at Hambledon
	3.889		.387			6.856		.353		Ave
	12.248	4.0827		.387	76°	18.096	6.0320		.353	See F.B. 1376-94A
2	4.450		.190			6.173		.193		
	4.260		.191			5.980		.195		T Valdez
	4.069		.381			5.785		.388		
	12.779	4.2597		.768		17.938	5.9793		.741	
3	4.570		.180			6.201		.177		
	4.390		.180			6.024		.176		
	4.210		.360			5.848		.353		
	13.170	4.3900		1.128		18.073	6.0243		1.094	
4	4.437		.189			6.252		.189		
	4.248		.189			6.063		.188		
	4.059		.378			5.875		.377		
	12.744	4.2480		1.506		18.190	6.0633		1.471	
5	4.632		.171			6.920		.169		
	4.461		.171			5.751		.168		
	4.290		.342			5.583		.337		
	13.383	4.4610		1.848		17.254	5.7513		1.808	
		21.4414					29.8502			

F.B. 1884 P.G. 161

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 10:50 - 11:25 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-105A To: BM 11-106.4
Date: 2 Nov 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	5.173	2.4414	.194	1.848		5.921	2.9502	.193	1.808	
	4.979		.195			5.728		.191		
	4.784		.389			5.537		.384		
	14.936	4.9787		2.237		17.186	5.7287		2.192	
7	5.141		.166			5.952		.183		
	4.975		.166			5.769		.180		
	4.809		.332			5.589		.363		
	14.925	4.9750		1.569		17.310	5.7700		2.555	
8	5.065		.187			5.695		.184		
	4.878		.190			5.511		.181		
	4.688		.377			5.330		.365		
	14.631	4.8770		2.946		16.536	5.5120		2.910	
9	5.036		.175			5.819		.179		
	4.861		.171			5.640		.177		
	4.690		.346			5.463		.356		
	14.587	4.8623		3.292		16.922	5.6407		3.266	
10	5.129		.186			5.515		.179		
	4.943		.183			5.336		.179		
	4.760		.369			5.157		.358		
	14.832	4.9440		3.661		16.008	5.3360		3.624	
	46.0784					57.8376				

F.B. 1334 P.G. 162

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Hazy
Time: 10:50 - 11:25
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-105A To: BM 11-106A
Date: 2 Nov. 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	5.914	46.0784	.146	3.661		7.238	57.8376	.166	3.624	BM 11-106A (L.A.C.F.C. BM 101-29)
	5.768		.148			7.072		.162		Valley Blvd at Pass and
	5.620		.294			6.910		.348		Covina Rd.
	17.302	5.7673		3.955		21.220	7.0733		3.952	See FB 1376-94B.
		51.8457					64.9109			

Summation of Run
From B.M. 11-105A
To B.M. 11-106A

Total Backsights = + 51.8457
Total Foresights = 64.9109
Diff. Elev. = -13.0652

Backsight stadia = 3.955
Foresight Stadia = 3.952
Total Stadia = 7.907
= .50mi.

F.B. 2364 P.G. 163

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Overcast — Inst. No.: 15066
Notes by: K. M. Kepp — Time: 11:20-11:50 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM11-106A To: BM11-105A
Date: 11-5-62
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
1	7.055		158		19	5.748		160		BM11-106A (L.A.Co. F.C. BM101-29) Valley Blvd. at Pass and Covina Rd.
	6.897		158			5.588		157		
	6.739		316			5.431		317		
	20.691	6.8970		316	62°	16.767	5.5890		317	See F.B. 276-94B
2	5.390		180			5.001		182		T Cook
	5.210		179			4.819		185		
	5.031		359			4.634		367		
	15.631	5.2103		675		14.454	4.8180		684	
3	5.553		174			4.771		172		
	5.379		178			4.599		171		
	5.201		352			4.428		343		
	16.133	5.3777		1,027		13.798	4.5993		1,027	
4	5.398		185			4.765		186		
	5.213		183			4.579		189		
	5.030		368			4.390		375		
	15.641	5.2137		1,395		13.734	4.5780		1,402	
5	5.922		172			5.127		171		
	5.750		176			4.956		175		
	5.574		348			4.781		346		
	17.246	5.7487		1,743		14.864	4.9547		1,748	
	28.4474					24.5390				

F.B. 2884 P.G. 164

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 15066
Notes by K. M. Kapp Time 11:20 – 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701.02
From BM 11-106 A To BM 11-105 A
Date 11-5-62
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
6	5.970	28.4474	192	1.743		5.221	24.5390	194	1.748	
	5.778		194			5.027		195		
	5.584		386			4.832		389		
	17.332	5.7773		2.129		15.080	5.0267		2.137	
7	6.220		170			4.931		170		
	6.050		170			4.761		170		
	5.880		340			4.591		340		
	18.150	6.0500		2.469		14.283	4.7610		2.477	
8	6.180		190			4.360		190		
	5.980		190			4.170		190		
	5.800		380			3.980		380		
	17.970	5.9900		2.849		12.510	4.1700		2.857	
9	6.009		178			4.379		180		
	5.831		179			4.199		180		
	5.652		357			4.019		360		
	17.492	5.8307		3.206		12.597	4.1990		3.217	
10	6.315		195			4.592		190		
	6.124		194			4.402		190		
	5.930		389			4.212		380		
	18.373	6.1243		3.595		13.206	4.4020		3.597	
		58.2197					47.1977			

F.B. 1984 P.G. 165

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K.M. Kapp Time 11:20-11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701.02
From BM 11-106 A To BM 11-105 A
Date 11-5-62
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
11	6.207 EB 2.194		176	3.595		4.272	4.0977	190	3.597	BM 11-105 A (Puente J-11) Valley Blvd at Hambledon Ave
	6.031		176			4.082		190		
	5.855		352			3.892		380		
	18.093	6.0310		3.947	62°	12.246	4.0820		3.597	See F.B. 1316-94A
										Summation of Run From B.M. 11-106A To B.M. 11-105A
										Total Backsights = + 64.2507 Total Foresights = − 51.1797 Diff. Elev. = + 13.0710
										Backsight stadia = 3.947 Foresight Stadia = 3.977 Total Stadia = 7.924 = .50 mi.
	64.2507					51.1797				

F.B. 2804 P.G. 146

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: Cook
Weather: Hazy
Time: 11:25 - 11:55
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-106A To: BM11-107A
Date: Nov. 2 - 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
	7.398		198		#19	4.650		185		BM106A (L.A.C.F.C. BM101-29)
1	7.200		199			4.465		185		Valley Blvd at Pass and
	7.001					4.280				Covina Rd.
	21.599	7.1997	397	397	82°	13.395	4.4650	370	370	See F.B. 1376-94B
	5.259		184			4.702		183		π - KAPP
2	5.075		183			4.519		181		
	4.892					4.338				
	15.226	5.0753	367	764		13.559	4.5197	364	734	
	4.980		187			5.430		199		
3	4.793		184			5.231		196		
	4.609					5.035				
	14.382	4.7940	371	1135		15.696	5.2320	395	1129	
	4.306		179			6.060		177		
4	4.127		178			5.883		173		
	3.949					5.710				
	12.382	4.1273	357	1492		17.653	5.8843	350	1479	
	4.730		180			6.338		180		
5	4.550		178			6.158		180		
	4.372					5.978				
	13.652	4.5507	358	1850		18.474	6.1580	360	1839	
		25.7470					26.2590			

F.B. 1384 P.G. 66

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 11:25-11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 050102
From BM 11-106A To BM 11-107A
Date Nov. 2-62
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	4.728	25.7470	158	1850		8.362	26.2540	160	1839	BM 11-107A, Valley Blvd & Puente Rd
	4.570		160			8.202		160		
	4.410					8.042				
	13.708	4.5693	318	2168		24.606	8.2020	320	2159	See FB 1376-96A
										Summation of Run. From B.M. 11-106A To B.M. 11-107A
										Total Backsights = + 30.3163 ✓ Total Foresights = − 34.4610 ✓ Diff. Elev. = − 4.1447 ✓
										Backsight stadia = 2168 ✓ Foresight Stadia = 2159 ✓ Total Stadia = 4327 ✓ = 0.27 Mi
	30.3163					34.4610				

F.B. 2884 P.G. 169

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Overcast Inst. No.: 15066
Notes by: F. E. Brooks Time: 11:00 - 11:15 Rod No.: 19620

Name: L.A. Co. Precise Level Net
Job No.: 030102
From: BM 11-107A To: BM 11-106A
Date: 5 Nov. 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
1	8.127		.160		#19	4.489		.158		BM 11-107A, Valley Blvd
	7.967		.160			4.331		.158		& Poente Rd
	7.807		.320			4.173		.316		
	23.901	7.9670		.320	60°	12.993	4.3310		.316	See FB 1376-96A
2	6.212		.180			4.609		.179		
	6.032		.179			4.430		.179		T Cook
	5.853		.359			4.251		.358		
	18.097	6.0323		.679		13.290	4.4300		.674	
3	6.489		.177			4.733		.179		
	6.312		.174			4.554		.179		
	6.138		.351			4.375		.358		
	18.939	6.3130		1.030		13.662	4.5540		1.032	
4	5.180		.190			4.740		.150		
	4.990		.190			4.550		.150		
	4.800		.380			4.360		.300		
	14.970	4.9900		1.410		13.650	4.5500		1.332	
5	4.718		.175			5.290		.190		
	4.543		.175			5.100		.190		
	4.368		.350			4.910		.380		
	13.629	4.5430		1.760		15.300	5.1000		1.712	
		29.8453					22.9650			

F.B. 2004 P.G. 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 Overcast Inst. No 15266
Notes by F. E. Brooks Time 10:00-10:15 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0391.02
From BM 11-107 A To BM 106 A
Date 8 Nov. 1962
Indexed C. V. 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	4.467	29.8453	183	1.460		7.220	22.9650	200	1.112	BM 11-106 A (LAC. FC BM 191-29, Valley Bl & Ross Bonita Rd
	4.284		183			7.020		200		
	4.101		366			6.820		400		
	12.852	4.2840		2.120	62°	21.060	7.0200		2.112	See F.B. 1376-943
										Summation of Run From B.M. 11-107A To B.M. 11-106A
										Total Backsights = + 34.1293 Total Foresights = − 29.9650 Diff. Run = + 4.1443
										Backsight stadia = 2.120 Foresight Stadia = 2.112 Total Stadia = 4.232 = .27 mi.
	34.1293					29.9650				

F.B. 2864 P.G. 170

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-107A To: BM 11-108
Date: 2 Nov. 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
	6.701		.122			5.690		.120		BM 11-107A (Puente I-11)
	6.579		.121			5.570		.120		Valley Blvd at Anaheim-Puente
1	6.458		.243			5.450		.240		Rd.
	19.738	6.5793		.243	78°	16.710	5.5700		240	See F.B. 1376-96A
										BM 11-108 (U.S. 1183)
										Valley Blvd at Anaheim
										Puente Rd.
										See F.B. 1376-96
										T Kapp
										Summation of Run
										From B.M. 11-107A
										To B.M. 11-108
										Total Backsights = + 6.5793
										Total Foresights = − 5.5700
										Diff. Elev. = + 1.0093
										Backsight stadia = .243
										Foresight Stadia = .240
										Total Stadia = .483
										= .03 mi.

F.B. 2094 P.G. 11

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: E. E. Brooks Weather: Overcast Inst. No.: 15066
Notes by: F. E. Brooks Time: 10:55 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-108 To: BM 11-107A
Date: 5 Nov 1962
Indexed: A. 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	5.912 5.845 5.426 17.583	5.8943	.117 .119 .236	.236	25°	6.979 6.653 6.931 20.563	6.8543	.122 .122 .244	.244	BM 11-108 (US 1183) Valley Blvd at Anaheim Puente Rd See F.B. 1376 – 96
										BM 11-107A (Route 7-11 RM #2) Valley Blvd at Anaheim Puente Rd. See F.B. 1376 – 96A
										Summation of Run From B.M. 11-108 To B.M. 11-107A
										Total Backsights = + 5.8[illegible] Total Foresights = – 6.[illegible] Diff. Elev. = – 1.[illegible]
										Backsight stadia = .236 Foresight Stadia = .248 Total Stadia = 0.484 = 0.03 mi.

F.B. 2864 P.G. 112

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 F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:10 – 1:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-108 To BM 11-109A
Date 2 Nov 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
	6.578		.176		#19	6.104		.175		BM 11-108 (US 1183)
	6.402		.177			5.929		.177		Valley Blvd at Anaheim
1	6.229		.349			5.752		.352		Puente Rd.
	19.209	6.4030		.349	80°	17.785	5.9283		.352	See F.B. 1376-96
	4.509		.188			5.969		.187		
	4.321		.189			5.782		.185		T Valdez
2	4.132		.377			5.597		.372		
	12.962	4.3207		.726		17.348	5.7827		.724	
	4.342		.173			5.610		.172		
	4.169		.173			5.438		.175		
3	3.996		.346			5.263		.347		
	12.507	4.1690		1.072		16.311	5.4370		1.071	
	4.630		.181			6.059		.186		
	4.449		.181			5.879		.179		
4	4.268		.362			5.700		.359		
	13.347	4.4490		1.434		17.638	5.8793		1.430	
	4.471		.171			6.060		.170		
	4.300		.171			5.790		.170		
5	4.129		.342			5.620		.340		
	12.900	4.3000		1.776		17.370	5.7900		1.770	
		23.6417					28.8173			

F.B. 16894 P.G. 173

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Hazy
Time: 1110 - 1140
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: B.M. 11-108 To: B.M. 11-109A
Date: 2 Nov 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
6	4.142	23.6417	.189	1.776		6.457	28.8173	.188	1.770	Summation of Run From B.M. 11-108 To B.M. 11-109A
	3.953		.189			5.269		.187		
	3.764		.348			5.082		.375		
	11.859	3.9530		2.154		15.808	5.2693		2.045	
7	4.522		.161			5.862		.158		Total Backsights = + 39.7294
	4.361		.159			5.704		.156		Total Foresights = − 51.9536
	4.202		.320			5.548		.314		Diff. Elev. = −12.2242
	13.085	4.3617		2.474		17.114	5.7047		2.459	
8	4.509		.165			6.028		.186		Backsight stadia = 3.225
	4.324		.184			5.842		.182		Foresight Stadia = 3.212
	4.140		.369			5.660		.368		Total Stadia = 6.437
	12.973	4.3243		2.847		17.530	5.8433		1.827	= .41 mi.
9	3.640		.192			6.511		.191		BM 11-109A (Puente H-11 BM No. 1) Valley Blvd 390± ft E. of Ferrero Lane
	3.448		.190			6.320		.194		
	3.258		.382			6.126		.385		
	10.346	3.4487		3.225	80°	18.957	6.3190		3.212	See F.B. 1376-96B.
		79.7294					51.9536			

F.B. 2694 P.G. 174

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 10:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-109A To BM11-108
Date 5 Nov 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
	6.531		.192		#19	3.652		.191		BM 11-109A (Puente H-11 2M No 1)
	6.339		.193			3.461		.193		Valley Blvd 390± ft E. of
1	6.146		.385			3.275		.384		Ferrero Lane
	19.016	6.3387		.385	62°	10.402	3.4673		.384	See F.B. 1376-96B
	6.171		.183			4.610		.185		
	5.948		.187			4.425		.184		T Valdez
2	5.761		.370			4.241		.369		
	17.840	5.9467		.755		13.276	4.4253		.757	
	6.059		.160			4.713		.155		
	5.899		.161			4.558		.159		
3	5.738		.321			4.399		.314		
	17.696	5.8987		1.076		13.670	4.5567		1.017	
	5.543		.186			4.230		.189		
4	5.357		.188			4.041		.190		
	5.169		.374			3.851		.379		
	16.069	5.3563		1.450		12.122	4.0407		1.446	
	4.939		.169			3.456		.176		
5	4.770		.166			3.280		.176		
	4.604		.335			3.104		.352		
	14.313	4.7710		1.785		9.840	3.2800		1.798	
		28.3114					19.7700			

F.B. 1384 P.G. 175

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Overcast — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:40 - 10:50 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 11-109A To: BM 11-108
Date: 5 Nov. 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	6.240	28.3114	.181	1.785		4.812	19.7700	.182	1.798	Summation of Run
	6.059		.180			4.630		.180		From B.M. 11-109A
	5.879		.361			4.450		.362		To B.M. 11-108
	12.178	6.0593		2.146		13.892	4.6307		2.160	
7	5.959		.177			4.488		.174		Total Backsights = + 51.7107
	5.782		.174			4.315		.173		Total Foresights = − 39.4853
	5.608		.351			4.142		.347		Diff. Elev. = + 12.2254
	11.949	5.5830		2.497		12.946	4.3153		2.507	
8	5.944		.185			4.484		.188		Backsight stadia = 3.217
	5.759		.184			4.296		.188		Foresight Stadia = 3.231
	5.572		.372			4.108		.376		Total Stadia = 6.448
	11.275	5.7583		2.869		12.888	4.2960		2.883	= 0.41 mi.
9	6.172		.172			6.648		.176		BM 11-108 (U.S. 1183)
	6.000		.176			6.472		.172		Valley Blvd at Anaheim
	5.824		.348			6.300		.348		Pueblo Rd.
	17.996	5.9987		3.217	60°	19.420	6.4733		3.231	See F.B. 1376-96

F.B. 1384 P.G. 176

51.7107 — 39.4853

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.

5

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 1:40 - 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-109A To BM 11-111
Date Nov. 2 - 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
	3.859		187		#19	8.252		190		BM 11-109A (Puente H-11)
1	3.672		183			8.062		187		Valley Blvd 390± ft E. of
	3.489					7.875				Ferrero Lane
	11.020	3.6733	370	370	80°	24.189	8.0630	377	377	See F.B. 1376-96B
	4.390		172			6.510		185		
2	4.218		173			6.325		184		A Kopp
	4.045					6.141				
	12.653	4.2177	345	715		18.976	6.3253	369	746	
	5.635		193			5.838		181		
3	5.442		192			5.657		185		
	5.250					5.472				
	16.327	5.4423	385	1100		16.967	5.6557	366	1112	
	5.097		184			5.539		180		
4	4.913		183			5.359		180		
	4.730					5.179				
	14.740	4.9133	367	1467		16.077	5.3590	360	1472	
	4.265		186			5.740		187		
5	4.079		189			5.553		186		
	3.890					5.367				
	12.234	4.0780	375	1842		16.660	5.5533	373	1845	
		22.3246					30.9563			

F.B. 2884 P.G. 177

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No 15066
Notes by Cook Time 1:40 - 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 11-109 A To BM 11-111
Date Nov. 2-67
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
6	5.100	22.3246	174	1842		5.759	30.9563	174	1845	
	4.926		173			5.585		175		
	4.753					5.410				
	14.779	49.263	347	1189		16.754	55.847	349	1194	
7	4.663		181			5.343		180		
	4.482		182			5.163		178		
	4.300					4.985				
	13.445	44.817	363	1552		15.491	51.637	358	1552	
8	4.514		139			5.310		141		
	4.375		137			5.169		141		
	4.238					5.028				
	13.127	43.757	276	1828		15.507	51.723	282	1834	
F.B. 1884 P.G. 176 9	4.368		186			5.602		185		
	4.182		183			5.417		188		
	3.999					5.229				
	12.549	41.830	369	3217		16.248	54.160	373	3207	
10	3.487		187			5.017		185		
	3.300		187			4.832		182		
	3.113					4.650				
	9.900	33.000	374	3591		14.499	48.330	367	3574	
		43.5913					57.1260			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks Weather Hazy Inst. No. 15066
Notes by Cook Time 1:40 - 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-109A To BM 11-111
Date Nov. 2-62
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
11	4.134	43.5913	183	3591		5.369	57.1260	180	3574	
	3.951		181			5.189		179		
	3.770					5.010				
	11.855	3.9517	364	3955		15.568	5.1893	359	3933	
12	4.473		166			5.849		186		BM 11-111
	4.307		168			5.663		185		old Valley Blvd at Baja Ave
	4.139					5.478				see F.B. 1376-98
	12.919	4.3063	334	4289		16.990	5.6633	371	4304	
13	4.340		181			5.769		186		
	4.159		182			5.583		183		Summation of Run
	3.977					5.400				From B.M. 11-109A
	12.476	4.1587	363	4652		16.752	5.5840	389	4693	To B.M. 11-111
14	4.420		180			5.712		164		
	4.240		180			5.548		168		Total Backsights = + 65.9833
	4.060					5.380				Total Foresights = − 86.0743
	12.720	4.2400	360	5012		16.640	5.5467	332	5025	Diff. Elev. = − 20.0910
15	5.810		074			7.052		087		
	5.736		076			6.965		087		
	5.660					6.878				Backsight stadia = 5162
	17.206	5.7353	150	5162	8	20.895	6.9650	174	5199	Foresight Stadia = 5199
		65.9833					86.0743			Total Stadia = 10361

= 0.66 Mi

F.B. 2064 P.G. 17

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: P. E. Brooks Weather: Cloudy Inst. No. 15066
Notes by: K. M. Karr Time: 9:40-10:25 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-111 To: BM 11-109A
Date: 11-5-62
Indexed: E. V. 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	6.577		087		19	5.337		075		BM 11-111
	6.490		087			5.262		076		Old Valley Blvd at Baja Rd.
	6.403		174			5.186		151		See F. B. 1376-98
	19.470	6.4900		174	60°	15.785	5.2617		151	
2	5.278		176			3.966		193		
	5.102		174			3.773		193		T. Martinez
	4.928		350			3.580		346		
	15.308	5.1027		524		11.385	3.7950		497	
3	5.349		178			3.934		188		~~Summation of Run~~
	5.171		178			3.746		186		~~From B.M.~~
	4.993		356			3.560		374		~~To B.M.~~
	15.513	5.1710		880		11.240	3.7467		871	
4	5.447		180			4.282		173		~~Total Backsights~~
	5.267		180			3.961		174		Total Foresights
	5.087		360			3.787		347		~~Diff. Elev.~~
	15.801	5.2670		1240		11.030	3.6767		1215	
5	5.080		181			3.847		183		~~Backsight stadia~~
	4.899		179			3.664		181		Foresight Stadia
	4.720		360			3.483		364		
	14.699	4.8997		1600		10.994	3.6647		1582	
	26.9304					20.3768				

F.B. 1004 P.G. 120

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Cloudy Inst. No.: 15066
Notes by: K. M. Kapp Time: 9:40 – 10:25 Rod No.: 19-20

Name: LA Co. Precise Level Net
Job No.: 030102
From: BM 11-111 To: BM 11-109A
Date: 11-5-62
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
6	4.682	26.9304	182	1.600		3.150	20.3768	186	1.582	
	4.500		185			2.964		183		
	4.315		367			2.781		369		
	13.497	4.4990		1.967		8.895	2.9650		1.951	
7	5.254		187			4.020		184		
	5.067		187			3.836		184		
	4.880		374			3.652		368		
	15.201	5.0670		2.341		11.508	3.8360		2.319	
8	4.922		142			4.125		138		
	4.780		144			3.987		139		
	4.636		286			3.848		277		
	14.338	4.7793		2.627		11.960	3.9867		2.596	
9	5.002		173			4.335		187		
	4.829		171			4.148		188		
	4.658		344			3.960		375		
	14.489	4.8297		2.971		12.443	4.1477		2.971	
10	5.459		176			4.799		172		
	5.283		173			4.627		174		
	5.110		349			4.453		346		
	15.852	5.2840		3.320		13.879	4.6263		3.317	
		51.3894					39.9385			

F.B. 2884 P.G. 61

76P526-CE 379—10-57

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: E. E. Bunc. Weather: Cloudy Inst. No. 15066
Notes by: K. M. Kapp Time: 9:40 - 10:25 Rod No. 19-20

Name: L.A. Co. Precise Level No.
Job No. 4701.02
From: BM 11-111 To: BM 11-109A
Date: 11-5-62
Indexed: G. A. 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	5.384	5.3844	189	3.320		3.908	3.9285	188	3.317	
	5.195		189			3.720		189		
	5.006		378			3.531		377		Summation of Run
	10.585	5.1950		3.698		11.159	3.7197		3.694	From B.M. 11-111
										To B.M. 11-109A
12	4.959		181			4.511		181		
	4.778		180			4.330		181		
	4.597		361			4.149		362		Total Backsights = + 79.4900
	9.556	4.7733		4.059		12.990	4.3300		4.056	Total Foresights = − 54.4092
										Diff. Elev. = + 25.0805
13	5.411		189			5.189		187		
	5.222		188			4.942		186		
	4.997		377			4.756		372		
	10.436	5.1553		4.136		9.897	4.9423		4.129	Backsight stadia = 5.167
										Foresight Stadia = 5.154
14	6.015		185			3.842		191		Total Stadia = 10.323
	5.832		183			3.721		179		
	5.647		368			3.542		345		= 0.65 mi.
	17.492	5.8307		4.804		11.162	3.7207		4.112	
15	7.329		183			2.949		191		BM 11-109A (Prompte H-11)
	7.146		182			2.758		191		Valley Blvd 390±H E. of
	6.963					2.567		382		Ferrero Lane
	21.439	7.1463			52°	8.274	2.7580		5.154	See F.B. 1376-96B
	79.4900					54.4092				

F.B. 1994 P.G. 162

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: F. E. Brooks
Notes by: E. E. Brooks
Weather: Hazy
Time: 2:40 – 3:10
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-111 To: BM11-112
Date: 2 Nov. 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
1	4.501		.171		#19	6.630		.169		BM11-111
	4.330		.169			6.461		.170		Old Valley Blvd at Baja Ave
	4.161		.340			6.291		.339		
	12.992	4.3307		.340	82°	19.382	6.4607		.339	See F.B. 1376-98
2	3.982		.188			6.584		.185		
	3.794		.187			6.399		.185		T Valdez
	3.607		.375			6.214		.370		
	11.383	3.7943		.715		19.197	6.3990		.709	
3	5.209		.170			6.028		.172		
	5.039		.173			5.856		.173		
	4.866		.343			5.683		.345		
	15.114	5.0380		1.058		17.567	5.8557		1.054	
4	4.882		.182			5.720		.182		
	4.700		.183			5.538		.185		
	4.517		.365			5.353		.367		
	14.099	4.6997		1.423		16.611	5.5370		1.421	
5	5.200		.181			5.988		.180		
	5.019		.180			5.808		.182		
	4.839		.361			5.626		.362		
	15.058	5.0193		1.784		17.422	5.8073		1.783	
		22.8820					30.0597			

F.B. 1384 P.G. 183

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: F. E. Brooks — Weather: Hazy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 2:40 – 3:10 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM11-111 To: BM11-112
Date: 2 Nov 1962
Indexed: E. J. Gaus

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
6	5.071	22.8820	.181	1.784		5.990	30.0597	.184	1.783
	4.890		.183			5.806		.185	
	4.707		.364			5.621		.369	
	14.668	4.8893		2.148		17.417	5.8057		2.152
7	4.789		.167			5.828		.166	
	4.622		.168			5.662		.165	
	4.454		.335			5.497		.331	
	13.865	4.6217		2.483		16.987	5.6623		2.483
8	4.923		.174			6.084		.164	
	4.749		.170			5.920		.166	
	4.579		.344			5.754		.330	
	14.251	4.7503		2.8~~87~~ 2		17.758	5.9193		2.813
9	4.788		.180			6.772		.180	
	4.608		.178			5.592		.180	
	4.430		.358			5.412		.360	
	13.826	4.6087		3.1~~85~~ 8		16.776	5.5920		3.173
10	4.994		.185			4.191		.200	
	4.809		.189			3.991		.196	
	4.620		.374			3.795		.396	
	14.423	4.8077		3.5~~49~~ 5	80°	11.977	3.9923		3.569
		46.5597					57.0313		

F.B. 2284 P.G. 184

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 11-111
To B.M. 11-112

Total Backsights = + 46.5597
Total Foresights = − 57.0313
Diff. Elev. = −10.4816

Backsight stadia = 3.5~~49~~ 5
Foresight Stadia = 3.569
Total Stadia = 7.128
~~6.128~~
= ~~.139~~ mi.

Steel tape used for foresight

BM 11-112 (US 316)
Old Valley Blvd at 1st St.
See F.B. 1316-99

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: F. E. Brooks Weather: Overcast Inst. No.: 15066
Notes by: F. E. Brooks Time: 9:10 – 9:35 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-112 To: BM 11-111
Date: 5 Nov 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
1	4.023		.203		#19	4.823		.186		BM 11-112 (US 316)
	3.820		.200			4.637		.187		old Valley Blvd at 1st St
	3.620		.403			4.450		.373		See F.B. 1376-99
	11.463	3.8210		.403	60°	13.910	4.6367		.373	
2	5.613		.190			4.632		.190		steel tape used for
	5.423		.187			4.442		.189		back sight
	5.236		.377			4.253		.379		
	16.272	5.4240		.780		13.327	4.4423		.752	T Cook
3	5.999		.166			4.833		.171		
	5.833		.164			4.662		.172		
	5.669		.330			4.490		.343		
	17.501	5.8337		1.110		13.985	4.6617		1.095	
4	5.887		.167			4.848		.168		
	5.720		.167			4.680		.168		
	5.553		.334			4.512		.336		
	17.160	5.7200		1.444		14.040	4.6800		1.431	
5	5.781		.189			4.860		.186		
	5.592		.185			4.674		.183		
	5.407		.374			4.491		.369		
	16.780	5.5933		1.818		14.025	4.6750		1.800	
		26.3920					23.0957			

F.B. 2084 P.G. 1-25

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: F. E. Brooks — Weather: Overcast — Inst. No. 15066
Notes by: F. E. Brooks — Time: 9:10 - 9:35 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-112 To: BM 11-111
Date: 5 Nov. 1962
Indexed: R. J. GAYTT

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	5.499	26.3920	.180	1.818		5.010	23.0857	.180	1.800	
	5.619		.180			4.830		.180		Summation of Run
	5.439		.360			4.650		.360		From B.M. 11-112
	16.657	5.6120		2.178		14.490	4.6300		2.160	To B.M. 11-111
7	5.559		.185			4.722		.182		
	5.374		.182			4.539		.182		
	5.192		.367			4.356		.364		Total Backsights = + 54.9223
	16.125	5.3750		2.545		13.616	4.5387		2.026	Total Foresights = − 44.4427
										Diff. Elev. = + 10.4796
8	5.766		.172			4.947		.171		
	5.594		.171			4.776		.172		
	5.423		.343			4.603		.344		Backsight stadia = 3.595
	11.783	5.5943		2.888		14.326	4.7753		2.870	Foresight Stadia = 3.588
										Total Stadia = 7.183
	6.208		.136			3.602		.139		= .45 mi.
	6.072		.134			3.413		.139		
9	5.838		.270			3.224		.278		
	18.068	6.0227		3.288		10.239	3.4130		3.249	
	6.086		.169			3.960		.170		BM 11-111
	5.919		.168			3.790		.170		Old Valley Blvd at Baja Ave
10	5.751		.337			3.620		.340		
	17.756	5.9193		3.595	60°	11.370	3.7900		3.598	See F.B 1376-98
	54.9223					44.4427				

F.B. 2004 P.G. 16

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: E. E. Brooks Weather: Clear Inst. No. 15066
Notes by: Cook Time: 3:15 - 3:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-112 To BM 11-113
Date: Nov. 2-62
Indexed: B. J. Gallt

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.772		104		#19	5.393		104		BM 11-112 (U.S. 315)
1	3.668		101			5.289		106		Old Valley Blvd at 1st St.
	3.567					5.183				See F.B. 1376-99
	11.007	3.6690	205	205	80°	15.865	5.2883	210	210	
	4.531		172			5.116		177		
2	4.359		176			4.939		179		T KAPP
	4.183					4.760				
	13.073	4.3577	358	563		14.815	4.9383	356	566	Summation of Run
	4.961		176			5.868		179		From B.M. 11-112
3	4.785		177			5.689		178		To B.M. 11-113
	4.608					5.511				Total Backsights = + 17.32~~21~~30
	14.354	4.7847	353	916		17.068	5.6893	357	923	Total Foresights = − 20.3772
	4.685		174			4.630		169		Diff. Elev. = − 3.055~~51~~42
4	4.511		172			4.461		168		BM 11-113 (US 315)
	4.339					4.293				Old Valley Blvd at S.P.R.R.
	13.535	4.5117	346	1262	80°	13.384	4.4613	337	1260	Station
										See F.B. 1376-100
										Backsight stadia = 1262
										Foresight Stadia = 1260
										Total Stadia = 2522
										= .48 mi.
		17.32~~21~~30					20.3772			

F.B. 2204 P.G. 1-11

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: E. E. Brooks — Weather: Cloudy — Inst. No. 15066
Notes by: K. M. Kapp — Time: 8:55 - 9:10 — Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-113 To BM 11-112
Date: 11-5-62
Indexed: [redacted] 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	5.110		170		19	5.164		175		BM 11-113 (U.S. 315)
	4.940		170			4.989		174		Old Valley Blvd at S.P.R.R.
	4.770		340			4.815		349		
	14.820	4.9400		340	60°	14.968	4.9893		349	See F.B. 1316-100
2	5.808		178			4.901		178		T COOK
	5.630		179			4.723		175		Summation of Run
	5.451		357			4.548		353		From B.M. 11-113
	16.889	5.6297		697		14.172	4.7240		702	To B.M. 11-112
3	5.020		177			4.439		177		
	4.843		175			4.262		173		Total Backsights = + 20.4624
	4.668		352			4.089		350		Total Foresights = − 17.4046
	14.531	4.8437		1049		12.790	4.2633		1052	Diff. Elev. = + 3.0578
4	5.155		106			3.531		103		BM 11-112 (U.S. 316)
	5.049		104			3.428		103		Old Valley Blvd at 1st St.
	4.943		212			3.325		206		See F.B. 1316-99
	15.147	5.0490		1261	60°	10.284	3.4280		1258	
						Used steel tape				Backsight stadia = 1.261
										Foresight Stadia = 1.258
										Total Stadia = 2.519
										= 0.16 mi.
		20.4624					17.4046			

F.B. 2884 P.G. 198

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 F. E. Brooks Weather Hazy Inst. No 15066
Notes by K. M. Kapp Time 1:10 - 1:40 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-113 To BM 11-114A
Date 11-5-62
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
	3.060		148		19	5.918		149		BM 11-113 (U.S. 315)
	2.912		144			5.769		146		Old Valley Blvd at S.P.R.R.
1	2.768		292			5.623		295		Station
	8.740	2.9133		292	66°	17.310	5.7700		295	See F.B. 1376-100
	4.248		168			5.916		171		
	4.080		170			5.745		173		T Valdez
2	3.910		338			5.572		344		Summation of Run
	12.238	4.0793		630		17.233	5.7443		639	From B.M. 11-113
	4.886		177			5.764		176		To B.M. 11-114A
	4.709		176			5.588		177		Total Backsights = 22.9145
3	4.533		353			5.411		353		Total Foresights = 27.7487
	14.128	4.7093		983		16.763	5.5877		992	Diff. Elev. = -4.8342
	6.276		166			5.444		173		Backsight stadia = 1.484
	6.110		162			5.271		171		Foresight Stadia = 1.506
4	5.948		328			5.100		344		Total Stadia = 2.990
	18.334	6.1113		1.311		15.815	5.2717		1.336	= 0.19 mi.
	5.188		087			5.460		085		BM 11-114A
	5.101		086			5.375		085		Valley Blvd. & Hacienda Blvd.
5	5.015		173			5.290		170		
	15.304	5.1013		1.484	68°	16.125	5.3750		1.506	See F.B. 1376-101
		22.9145					27.7487			

F.B. 1884 P.G. 189

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 10:30-10:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-114A To BM 11-113
Date 11-17-62
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
1	5.321		084			5.050		085		BM 11-114A
	5.237		086			4.965		085		Valley Blvd. & Hacienda Blvd.
	5.151		170			4.880		170		
	15.709	5.2363		.170	74°	14.895	4.9650		.170	See F.B. 1376-101
2	5.318		171			6.148		166		T Cook
	5.147		173			5.982		162		Summation of Run From B.M. 11-114A To B.M. 11-113
	4.974		344			5.820		328		
	15.439	5.1463		.514		17.950	5.9833		.498	
3	5.655		173			4.784		179		Total Backsights = + 27.3086 ✓
	5.482		173			4.605		179		Total Foresights = − 22.4743 ✓
	5.309		346			4.426		358		Diff. Elev. = + 4.8343 ✓
	16.446	5.4820		.860		13.815	4.6050		.856	
4	6.853		171			4.183		168		Backsight stadia = 1.491 ✓
	5.682		171			4.015		168		Foresight Stadia = 1.483 ✓
	5.511		342			3.847		336		Total Stadia = 2.977 ✓
	17.046	5.6820		1.202		12.045	4.0150		1.192	= 0.19 mi
5	5.908		146			3.051		141		BM 11-113 (U.S. 315)
	5.762		146			2.907		147		Old Valley Blvd. at S.P.R.R.
	5.616		292			2.760		291		Station
	17.286	5.7620		1.491	74°	8.718	2.9060		1.483	See F.B. 1376-100
		27.3086 ✓					22.4743 ✓			

F.B. 2882 PG. 190

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 1:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM11-114A To BM11-115A
Date 5 Nov 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
1	3.121		.176		#19	7.466		.177		BM11-114A
	2.945		.174			7.289		.178		Old Valley Blvd at Hacienda
	2.771		.350			7.111		.355		Blvd.
	8.837	2.9457		.350	68°	21.866	7.2887		.355	See F.B. 1376-101
2	4.219		.187			6.141		.183		
	4.032		.183			5.958		.185		T Cook
	3.849		.370			5.773		.368		
	12.100	4.0333		.720		17.872	5.9573		.723	
3	4.421		.162			6.819		.168		
	4.259		.162			5.851		.168		
	4.097		.324			6.683		.336		
	12.777	4.2590		1.044		17.553	5.8510		1.059	
4	4.440		.160			6.829		.143		
	4.280		.160			5.686		.143		
	4.120		.320			5.543		.286		
	12.840	4.2800		1.364		17.058	5.6860		1.345	
5	4.461		.178			6.130		.178		
	4.283		.176			5.952		.176		
	4.108		.354			5.776		.354		
	12.852	4.2840		1.717		17.858	5.9527		1.699	
		19.8020					30.7357			

F.B. 1334 P.G. 191

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: F. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 1:40-2: Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-114A To: BM 11-115A
Date: 5 Nov 1962
Indexed: B. J. GALL

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	4.499	4.8020	.177	1.717		5.663	5.7359	.175	1.699	
	4.322		.174			5.488		.176		
	4.148		.351			5.312		.351		
	12.969	4.3230		2.068		16.463	5.4877		2.050	
7	5.131		.180			5.847		.180		
	4.951		.180			5.667		.179		
	4.771		.360			5.488		.359		
	14.853	4.9510		2.428		17.002	5.6673		2.401	
8	4.960		.176			5.736		.177		
	4.784		.173			5.559		.178		
	4.611		.349			5.381		.355		
	14.355	4.7850		2.777		16.676	5.5587		2.764	
9	5.108		.185			5.385		.174		
	4.923		.184			5.211		.176		
	4.739		.369			5.035		.350		
	14.770	4.9233		3.146		15.631	5.2103		3.114	
10	4.173		.170			4.862		.196		
	4.003		.168			4.666		.197		
	3.835		.338			4.469		.397		
	12.011	4.0037		3.484		13.997	4.6657		3.507	
	41.7880					57.3254				

F.B. 2884 P.G. 192

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks — Weather: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 1:40 - 2:25 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-114A To: BM 11-115A
Date: 5 Nov 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	4.330	42.7880	.184	3.484		4.587	57.3254	.185	3.507	
	4.146		.184			4.402		.182		
	3.962		.368			4.220		.367		
	12.438	4.1460		3.852		13.209	4.4030		3.874	
12	5.227		.184			5.810		.190		Summation of Run
	5.043		.181			5.620		.190		From B.M. 11-114A
	4.862		.365			5.430		.380		To B.M. 11-115A
	15.132	5.0440		4.217		16.860	5.6200		4.254	
13	4.760		.184			6.440		.178		BM 11-115A
	4.576		.184			6.262		.179		Valley Blvd at Turnbull Canyon Rd
	4.392		.368			6.083		.357		
	13.728	4.5760		4.585	68°	18.785	6.2617		4.611	See F.B. 1376-102B
										Total Backsights = + 56.5540
										Total Foresights = − 73.6101
										Diff. Elev. = − 17.0561
										Backsight stadia = 4.585
										Foresight Stadia = 4.611
										Total Stadia = 9.196
										= .58 mi.
		56.5540					73.6101			

F.B. 1894 P.G. 193

76P526-CE 379—10-57

PLEASE RETURN TO
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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: F. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 9:55 – 10:30
Inst. No.: 15066
Rod No.: 19.20

Name: L.A. Co. Precise Level Net
Job No.: 6301.62
From: BM 11-115A To: BM 11-114A
Date: 7 Nov 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
1	8.160 7.967 7.470	7.9657	.193 .197 1.310	.390	72	6.471 6.278 6.088	6.2790	.193 .190 1.383	.383	BM 11-115A Valley Blvd at Turnbull Canyon Rd. See F.B. 1976-2029
2	6.030 4.943 4.757	4.8433	.187 .186 1.373	.373	72	4.443 4.261 4.066	4.2670	.182 .182 1.364	.364	T Kapp
3	4.893 4.711 4.530	4.7113	.182 .181 1.363	1.126		4.641 4.457 4.271	4.4513	.184 .186 1.370	1.117	
4	6.297 6.102 4.911	5.1033	.195 .191 1.386	1.512		4.678 4.493 4.268	4.4430	.185 .175 1.350	.907	
5	6.005 4.839 4.673	4.8390	.166 .166 1.332	1.844		4.751 4.553 4.358	4.5540	.198 .195 1.393	1.860	
		27.4626					23.9993			

F.B. 2894 P.G. 194

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: E. E. Brooks Time: 9:55 - 10:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-1154 To BM11-1144
Date: 7 Nov. 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
6	6.097	27.4626	.178	1.844		5.320	23.9993	.173	1.860	
	5.919		.177			5.147		.177		
	5.742		.355			4.970		.350		
	17.758	5.9193		2.199		15.437	5.1457		2.210	
7	6.259		.181			5.541		.179		
	6.078		.180			5.362		.180		
	5.898		.361			5.182		.359		
	18.235	6.0783		2.560		16.085	5.3617		2.569	
8	6.060		.175			4.897		.178		
	5.885		.175			4.719		.176		
	5.710		.350			4.543		.354		
	17.655	5.8850		2.910		14.159	4.7197		2.923	
9	6.471		.177			4.810		.180		
	6.294		.176			4.630		.179		
	6.118		.353			4.451		.359		
	18.883	6.2943		3.263		13.891	4.6303		3.282	
10	6.208		.143			4.818		.161		
	6.065		.143			4.657		.164		
	5.922		.286			4.493		.325		
	18.195	6.0650		3.549		13.968	4.6560		3.607	
		57.7045					48.5727			

F.B. 1884 P.G. 195

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 9:55-10:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-115A To: BM 11-114A
Date: 7 Nov. 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	6.477	5.7045	.180	3.549		4.855	4.5127	.146	3.607	
	6.297		.182			4.709		.150		
	6.115		.362			4.559		.296		
	18.889	6.2963		3.911		14.123	4.7077		3.903	
12	6.558		.186			4.632		.184		Summation of Run From B.M. 11-115A To B.M. 11-114A
	6.372		.184			4.448		.186		
	6.188		.370			4.262		.370		
	19.118	6.3727		4.281		13.342	4.4473		4.273	
13	7.759		.177			3.417		.176		BM 11-114A Valley Blvd at Hacienda Blvd.
	7.582		.177			3.241		.175		
	7.405		.354			3.066		.351		
	22.746	7.5820		4.635	.740	9.724	3.2413		4.624	See F.B. 1976-101
										Total Backsights = + 77.9555
										Total Foresights = − 60.9090
										Diff. Elev. = + 17.0465
										Backsight stadia = 4.635
										Foresight Stadia = 4.624
										Total Stadia = 9.259
										= .159 mi.
	77.9555					60.9090				

F.B. 2984 P.G. 196

76P526-CE 379—10-57

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 E. E. Brooks Weather Hazy Inst. No. 15066
Notes by K.M. Kapp Time 2:25-2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-115A To BM 11-115B
Date 11-5-62
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
	6.233		200		19	5.479		210		BM 11-115A (Puente E-9A)
	6.033		200			5.269		208		Valley Blvd at Turnbull
1	5.833		400			5.061		418		Canyon Rd.
	18.099	6.0330		400	68°	15.809	5.2697		418	See F.B. 1376-102B
	4.991		180			5.475		180		
	4.811		180			5.295		180		T Martinez
2	4.631		360			5.115		360		
	14.433	4.8110		760		15.885	5.2950		778	
	4.802		182			5.388		198		
	4.620		185			5.190		199		
3	4.435		367			4.991		397		
	13.857	4.6190		1.127		15.569	5.1897		1.195	
	4.967		185			5.388		158		
	4.782		181			5.230		158		
4	4.601		366			5.072		316		
	14.350	4.7833		1.493		15.690	5.2300		1.491	
	5.049		177			5.632		191		
	4.872		175			5.441		193		
5	4.697		352			5.248		384		
	14.618	4.8727		1.845		16.321	5.4403		1.875	
		25.1190					26.4247			

F.B. 1884 P.G. 19T

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:25-2:45 Rod No. 19-20

Name L.A. Co. ~~Precise Level Net~~
Job No. 0301.02
From BM 11-115A To BM 11-115B
Date 11-5-62
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
	5.029	25.1190	116	1.845		6.811	26.4247	107	1.875	BM 11-115 B (Puente D-9B)
	4.913		114			6.704		104		Valley Blvd at 9th Ave
6	4.799		230			6.600		211		
	14.741	4.9137		2.075	68°	20.115	6.7050		2.086	See F.B. 1396-102C
										Summation of Run From B.M. 11-115A To B.M. 11-115B
										Total Backsights = + 30.0327 Total Foresights = — 33.1297 Diff. Elev. = -3.0970
										Backsight stadia = 2.075 Foresight Stadia = 2.086 Total Stadia = 4.161 = 0.26
	30.0327					33.1297				

F.B. 1864 P.G. 196

76P526-CE 379--10-57

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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 E. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 9:30 - 9:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-115B To BM 11-115A
Date 11-7-62
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
	6.483		111			4.690		110		B.M. 11-115B. (Puente D-9B)
	6.372		110			4.580		109		Valley Blvd at 9th Ave
1	6.262		221			4.471		219		
	19.117	6.3723		.221		13.741	4.5803		.219	See F.B. 1376 - 102 C
	5.582		192			5.002		180		
	5.390		190			4.822		179		
2	5.200		382			4.643		359		
	16.172	5.3907		.603		14.467	4.8227		.578	T - E. MARTINEZ
	6.377		165			5.958		193		
	6.212		163			5.765		192		
3	6.049		328			5.573		385		
	18.638	6.2127		.931		17.296	5.7653		.963	
	5.441		199			4.855		184		
	5.242		197			4.671		185		
4	5.045		396			4.486		369		
	15.728	5.2427		1.327		14.012	4.6707		1.332	
	5.527		180			5.045		180		
	5.347		180			4.865		180		
5	5.167		360			4.685		360		
	16.041	5.3470		1.687		14.595	4.8650		1.692	
		28.5654					24.7046			

F.B. 2884 PG. 199

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. G. Valdez Time 9:30 - 955 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-115B To BM 11-115A
Date 11-7-62
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
	5.601	28.5654	206	1.687		6.365	24.7040 37	205	1.692	BM 11-115A (Puente E-9A)
	5.395		201			6.160		205		Valley Blvd. at Turnbull
6	5.191		410			5.956		410		Canyon Rd.
	16.187	5.3957		2.097	72°	18.480	6.1600		2.102	See F.B. 1376-102B
										Summation of Run From B.M. 11-115B To B.M. 11-115A
										Total Backsights = + 33.9611 Total Foresights = − 30.8636 Diff. Elev. = + 3.0974
										Backsight stadia = 2.097 Foresight Stadia = 2.102 Total Stadia = 4.199 0.26 MILES

F.B. 2981 P.G. 100

33.9611 30.8637

WM

76P526-CE 379—10-57

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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: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 2:45 – 3:05 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-115B To: BM 11-116A
Date: 5 Nov. 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
	6.569		.194			4.015		.194		BM 11-115 B (Puente D-9B)
	6.365		.193			3.821		.191		Valley Blvd at 9th Ave
1	6.172		.387			3.630		.385		
	16.096	5.3653		.387	68°	11.466	3.8220		.385	See F.B. 1376-102C
	6.651		.178			6.182		.176		
	6.473		.175			6.006		.180		T Martinez
2	6.298		.353			5.826		.356		
	19.422	6.4740		.740		18.014	6.0047		.741	
	3.400		.190			4.498		.195		
	3.210		.190			4.303		.193		
3	3.020		.380			4.110		.388		
	9.630	3.2100		1.120		12.911	4.3037		1.129	
	3.391		.180			5.012		.177		
	3.211		.182			4.835		.176		
4	3.029		.362			4.659		.353		
	9.631	3.2103		1.482		14.506	4.8353		1.482	
	4.362		.183			4.040		.185		
	4.179		.185			3.855		.186		
5	3.994		.368			3.669		.371		
	12.535	4.1783		1.850		11.564	3.8547		1.853	
		22.4379					22.8204			

F.B. 2594 P.G. 201

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: E. E. Brooks Time: 2:45 - 3:05 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-115A To: BM 11-116A
Date: 5 Nov. 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
6	6.175	22.4379	.107	1.850		6.129	22.8304	.119	1.859	BM 11-116A (Pueblo D-96) Valley Blvd at 8th Ave
	6.068		.106			6.010		.119		
	4.962		.213			5.891		.233		
	15.205	5.0683		2.063	66°	18.030	6.0100		2.091	See F.B. 1376 - 102 D
										Summation of Run From B.M. 11-115A To B.M. 11-116A
										Total Backsights = + 27.5062 Total Foresights = — 28.8304 Diff. Elev. = - 1.3242
										Backsight stadia = 2.063 Foresight Stadia = 2.091
										Total Stadia = 4.154 = .26 mi.
	27.5062					28.8304				

F.B. 2894 P.G. 202

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 9:10 - 9:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 11-116A To BM 11-115B
Date: 7 Nov. 1962
Indexed: C. J. CALLI

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
	6.232		.120		#19	5.279		.106		BM 11-116A (Puente D-9C)
	6.112		.119			5.173		.105		Valley Blvd at 8th Ave
1	5.993		.239			5.068		.211		
	18.337	6.1123		.239	62°	15.520	5.1733		.211	See F.B. 376 - 102 D
	4.128		.186			4.447		.181		
	3.942		.186			4.266		.184		T Cook
2	3.756		.372			4.082		.365		
	11.826	3.9420		.611		12.795	4.2650		.576	
	4.526		.169			2.922		.190		
	4.357		.169			2.732		.188		
3	4.188		.338			2.544		.378		
	13.071	4.3570		.949		8.198	2.7327		.954	
	4.601		.194			3.502		.190		
	4.407		.194			3.312		.189		
4	4.213		.388			3.123		.379		
	13.221	4.4070		1.337		9.938	3.3127		1.333	
	6.471		.179			6.938		.178		
	6.292		.179			6.760		.176		
5	6.113		.358			6.584		.354		
	18.876	6.2920		1.695		20.282	6.7607		1.687	
		25.1103					22.2444			

F.B. 2884 P.G. 203

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: F. E. Brooks Weather: Haze Inst. No.: 15066
Notes by: F. E. Brooks Time: 9:10 – 9:30 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-116A To: BM 11-115B
Date: 7 Nov. 1962
Indexed: G. J. Gatti

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
L	4.187	25.1103	.191	1.695		5.732	22.2444	.193	1.687	BM 11-115B (Point D-93)
	3.996		.193			5.539		.195		Valley Blvd. & 9th Ave
	3.803		1.384			5.344		1.388		
	11.986	3.9953		2.079	62°	16.615	5.5383		2.075	See F.B. 1884 – 20
										Summation of Run From B.M. 11-116 A To B.M. 11-115 A
										Total Backsights = + 29.1056 Total Foresights = – 27.7827 Diff. Elev. = + 1.3229
										Backsight stadia = 2.079 Foresight Stadia = 2.075 Total Stadia = 4 × 1.54 = .32 mi.

29.1056 27.7827

F.B. 1884 P.G. 204

76P526-CE 379—10-57

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: Hazy Inst. No. 15066
Notes by: K. M. Kapp Time: 3:05-3:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-116A To: BM11-116B
Date: 11-5-62
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
	6.148		178		19	5.416		210		BM11-116A (Puente D-9C)
	5.970		180			5.206		210		Valley Blvd at 8th Ave
1	5.790		358			4.996		420		
	17.908	5.9693		358	66°	15.618	5.2060		420	See F.B. 1376-102D
	5.046		194			5.495		184		
	4.852		191			5.311		180		π Valdez
2	4.661		385			5.131		364		
	14.559	4.8530		743		15.937	5.3123		784	
	5.009		190			5.449		178		
	4.819		190			5.271		176		
3	4.629		380			5.095		354		
	14.457	4.8190		1.123		15.815	5.2717		1.138	
	4.121		182			4.591		182		
	3.939		182			4.409		182		
4	3.757		364			4.227		364		
	11.817	3.9390		1.487		13.227	4.4090		1.502	
	4.794		165			4.011		162		
	4.629		164			3.849		160		
5	4.465		329			3.689		322		
	13.888	4.6293		1.816		11.549	3.8497		1.824	
		24.2096					24.0487			

F.B. 0884 P.G. 205

76P526-CE 379—10-57

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: E. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: K. M. Kapp Time: 3:05 – 3:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-116A To: BM 11-116B
Date: 11-5-62
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
	4.881	24.2096	126	1.816		7.802	24.0487	122	1.824	BM 11-116B
	4.755		126			7.680		121		Valley Blvd at 7th Ave
6	4.629		252			7.559		243		
	4.265	4.7550		2.068	68°	23.041	7.6803		2.067	See F.B. 944-47
										Summation of Run From B.M. 11-116A To B.M. 11-116B
										Total Backsights = + 28.9646 Total Foresights = – 31.7290 Diff. Elev. = – 2.7644
										Backsight Stadia = 2.068 Foresight Stadia = 2.067 Total Stadia = 4.135 = .26 mi.

F.B. 2884 P.G. 206

28.9646 31.7290

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 8:50 - 9:10 Rod No. 19-20

Name [redacted]
Job No. 0301.02
From BM 11-116B To BM 11-116A
Date 11-7-62
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
1	8.048		126			5.121		126		BM 11-116B (Puente D-8)
	7.922		123			4.995		125		Valley Blvd at 7th Ave
	7.799		249			4.870		231		
	23.769	7.9230		.249	62°	14.986	4.9953		.231	See F.B. 944-47
2	4.083		163			4.868		166		
	3.920		162			4.702		164		
	3.758		325			4.538		330		
	11.761	3.9203		.541		14.108	4.7027		.541	T. K. KAPP
3	4.562		180			4.095		183		
	4.382		180			3.912		184		
	4.202		360			3.728		367		
	13.146	4.3820		.934		11.735	3.9117		.918	
4	5.786		180			5.339		188		
	5.606		180			5.151		188		
	5.426		360			4.963		376		
	16.818	5.6060		1.294		15.453	5.1510		1.294	
5	5.725		188			5.265		187		
	5.538		187			5.078		188		
	5.350		375			4.890		375		
	16.613	5.5377		1.669		15.233	5.0777		1.669	
		27.3690					23.8384			

F.B. 2884 P.G. 207

76P526-CE 379—10-57

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 [redacted] Weather Hazy Inst. No. 15066
Notes by C.G. VALDEZ Time 8:50 - 9:10 Rod No. 19-20

Name [redacted] Co. Precise Level Net
Job No. 0301.02
From BM11-116B To BM11-116A
Date 11-9-62
Indexed [redacted] 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
	5.652	273630	193	1.669		6.418	298384	193	1.059	BM11-116A (Puente D-9C)
6	5.459		196			6.225		194		Valley Blvd at 5th Ave
	5.263		389			6031		387		
	16.374	5.1580		2.058	62°	18.674	6.2247		2.056	Sec [illegible] 1576-42D
										Summation of Run From B.M. 11-116B To B.M. 11-116.A
										Total Backsights = 32.8270 Total Foresights = − 30.0631 Diff. Elev. = + 2.7639
										Backsight stadia = 2.058 Foresight Stadia = 2.056 Total Stadia = 4.114 = .26 mi

F.B. 2884 P.G. 208

32.8270 30.0631

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. G. Valdez Time 11:35 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-116B To BM 11-116C
Date 11-7-62
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
	6215		175			5330		170		BM 11-116B (Puente D-8)
	6040		174			5160		170		Valley Blvd at 7th Ave
	5866		349			4990		340		
1.	18.121	6.0403		.349	82°	15.480	5.1600		.340	See F.B. 944-47
	5.040		180			5.595		177		
	4.860		180			5.418		178		T Cook.
	4.680		360			5.240		355		
2.	14.580	4.8600		.709		16.253	5.4177		.695	
	4.729		176			5.246		180		
	4.553		174			5.066		180		
	4.379		350			4.886		360		
3.	13.661	4.5537		1.059		15.198	5.0660		1.055	
	4.699		181			5.265		180		
	4.518		178			5.085		180		
	4.340		359			4.905		360		
4	13.557	4.5190		1.418		15.255	5.0850		1.415	
	5.060		173			5.538		180		
	4.887		175			5.358		180		
	4.712		348			5.178		360		
5	14.659	4.8863		1.766		16.074	5.3580		1.775	
		24.8583					26.0867			

F.B. 2884 P.G. 209

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 11:35 - 12:00 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 11-116B To B.M. 11-116C
Date 11-7-62
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
	3973	24.8593	155	1.766		5523	26.0867	145	1.775	B.M. 11-116C (Puente CSA) Valley Blvd at 6th Ave
	3818		158			5378		146		
	3660		313			5232		291		
6.	11.451	38170		2079	86°	16133	53777		2.066	See F.B. 944-45

Summation of Run
From B.M. 11-116B.
To B.M. 11-116C.

Total Backsights = + 28.6759 (63)
Total Foresights = − 31.4648 (3)
Diff. Elev. = − 2.7889 (0)

Backsight stadia = 2.079
Foresight Stadia = 2.066
Total Stadia = 4.145
= 0.26 MILES

F.B. 2984 P.G. 210

28.6759 (63) 31.4648 (3)

76P526-CE 379—10-57

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 Inst. No. 15066
Notes by: F. E. Brooks Time: 10:30 – 10:45 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 11-116C To BM 11-116B
Date: 8 Nov. 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
	5.668		.153		#19	4.102		.146		BM 11-116C (Puente CBA)
	5.515		.154			3.956		.148		Valley Blvd at 6th Ave
1	5.361		.307			3.808		.294		
	16.544	5.5147		.307	82°	11.866	3.9553		.294	See FB. 944-45
	4.713		.181			4.237		.175		
	4.532		.179			4.062		.176		T Cook
2	4.353		.360			3.886		.351		
	13.598	4.5327		.667		12.185	4.0617		.645	
	4.101		.180			3.532		.180		
	3.921		.180			3.352		.181		
3	3.741		.360			3.171		.361		
	11.763	3.9210		1.027		10.055	3.3517		1.006	
	5.280		.179			4.767		.179		
	5.101		.179			4.588		.176		
4	4.922		.358			4.412		.355		
	15.303	5.1010		1.385		13.767	4.5890		1.361	
	4.594		.180			4.040		.182		
	4.414		.177			3.858		.183		
5	4.237		.357			3.675		.365		
	13.245	4.4150		1.742		11.573	3.8577		1.726	
		23.4844					19.8154			

F.B. 2004 P.G. 211

76P526-CE 379—10-57

PLEASE RETURN TO
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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: 10:30 – 10:45 — Rod No. 19-26

Name: L.A. Co. Precise Level Net
Job No. 0361.02
From: BM 11-116C To: BM 11-116B
Date: 8 Nov. 1962
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	5.618	23.4844	.171	1.742		6.502	19.8154	.175	1.726	BM 11-116B (Puente D-8)
	5.447		.174			6.327		.175		Valley Blvd at 7th Ave
	5.273		1.345			6.152		1.350		
	16.338	5.4460		2.087	84°	18.981	6.3270		2.076	See F.B. 2984-47

Summation of Run
From B.M. 11-116C
To B.M. 11-116B

Total Backsights = + 28.9304
Total Foresights = − 26.1424
Diff. Elev. = + 2.7880

Backsight stadia = 2.087
Foresight Stadia = 2.076
Total Stadia = 4.163
= .26 mi

F.B. 2984 P.G. 212

28.9304 — 26.1424

76P526-CE 379—10-57

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: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 1:05 - 1:10 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0501.02
From: BM 11-116C To: BM 11-117
Date: 7 Nov. 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
	6.380		.162			4.989		.166		BM 11-116C (Puente C-8A)
	6.218		.164			4.823		.164		Valley Blvd at 6th Ave
1	6.054		.326			4.659		.330		
	18.652	6.2173		.326	84°	14.471	4.8237		.330	See F.B. 944-45
	4.908		.149			6.271		.157		BM 11-117 (Puente C-8)
	4.759		.150			6.114		.156		Valley Blvd at Orange
2	4.609		.299			5.958		.313		Ave
	14.276	4.7587		.625		18.343	6.1143		.647	See F.B. 1376-104
										T Cook
										Summation of Rv.
										From B.M. 11-116C
										To B.M. 11-117
										Total Backsights = + 10.9760
										Total Foresights = − 10.9380
										Diff. Elev. = + 0.0380
										F.B. 2884 P.G. 213
										Backsight stadia = 625
										Foresight Stadia = 643
										Total Stadia = 1268
		10.9760					10.9380			= .08 mi.

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15966
Notes by F. E. Brooks Time 10:25 - 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-117 To BM 11-116C
Date 8 Nov. 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	6.431		.156		19	5.069		.150		BM 11-117 (Point C-8) Valley Blvd at Grange Ave
	6.275		.157			4.919		.150		
	6.118		.313			4.769		.300		
	18.824	6.2747		.313	84°	14.757	4.9190		.300	See F.B. 1315-164
2	5.210		.165			6.603		.162		BM 11-116C (Point C-8A) Valley Blvd at 6th Ave
	5.048		.165			6.441		.162		
	4.883		.330			6.279		.324		
	15.144	5.0480		.647		19.323	6.4410		.624	See F.B. 944-45
										Summation of Run From B.M. 11-117 To B.M. 11-116C
										Total Backsights = + 11.3227 Total Foresights = − 11.3600 Diff. Elev. = − 0.0373
										Backsight stadia = .647 Foresight Stadia = .624 Total Stadia = 1.271 = 0.08 mi.
	11.3227					11.3600				

F.B. 4824 P.G. 214

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Hazy
Time 1110 - 1130
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-117 To BM 11-117A
Date 7 Nov. 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
1	7.164		.167		#19	5.351		.153		BM 11-117 (Puente C-8)
	6.997		.168			5.198		.154		Valley Blvd at Orange
	6.829		.335			5.044		.307		Ave
	20.990	6.9967		.335	84°	15.593	5.1977		.307	See F.B. 1376-104
2	4.055		.164			3.858		.167		
	3.891		.162			3.691		.163		T Cook
	7.729		.326			3.528		.330		
	11.675	3.8917		.661		11.077	3.6923		.637	Summation of Run
3	3.982		.186			4.090		.186		From B.M. 11-117
	3.796		.186			3.904		.185		To B.M. 11-117A
	3.610		.372			3.719		.371		
	11.388	3.7960		1.033		11.713	3.9043		1.008	Total-Backsights = + 23.6721
4	4.341		.179			4.612		.177		Total Foresights = 23.3166
	4.162		.177			4.435		.177		Diff. Elev. = + 0.3555
	4.985		.356			4.258		.354		
	12.488	4.1627		1.389		13.305	4.4350		1.362	Backsight stadia = 1.505
5	4.883		.058			6.145		.058		Foresight Stadia = 1.477
	4.825		.058			6.087		.057		Total Stadia = 2.982 .19mi
	4.767		.116			6.030		.115		BM 11-117A (Puente C-8C)
	14.475	4.8250		1.505	84°	18.262	6.0873		1.477	Valley Blvd at 5th Ave
		23.6721					23.3166			See F.B. 1376-104A

F.B. 2884 P.G. 215

76P526-CE 379—10-57

PLEASE RETURN TO
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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: E. E. Brooks Weather: Clear Inst. No. 15066
Notes by: K. M. Kapp Time: 10:10 – 10:25 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-117A To BM 11-117
Date 11-8-62
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	6.567		058		19	5.308		059		BM 11-117A (Puente C-8C) Valley Blvd at ℄ 7th Ave
	6.509		056			5.249		058		
	6.453		114			5.191		117		
	19.529	6.5097		114	80°	15.748	5.2493		117	See F.B. B16-104 A
2	5.421		178			5.198		179		T Valdez
	5.243		178			4.969		178		Summation of Run
	5.065		356			4.791		357		From B.M. 11-117A
	15.729	5.2430		470		14.908	4.9693		474	To B.M. 11-117
3	5.543		185			5.439		188		Total Backsights = + 26.7067
	5.358		189			5.251		188		Total Foresights = − 27.0663
	5.169		374			5.063		376		Diff. Elev. = − 0.3596
	16.070	5.3567		844		15.753	5.2510		850	
4	5.024		156			5.222		154		Backsight stadia = 1.461
	4.868		155			5.068		157		Foresight Stadia = 1.501
	4.713		311			4.911		311		Total Stadia = 2.962
	14.605	4.8683		1155		15.201	5.0670		1161	= 0.19 mi.
5	4.882		153			6.700		171		BM 11-117 (Puente C-8) Valley Blvd at Orange Ave
	4.729		153			6.529		169		
	4.576		306			6.360		340		
	14.187	4.7290		1461	84°	19.589	6.5297		1501	See F.B. B16-104
	26.7067					27.0663				

F.B. 1884 P.G. 216

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 1:20 - 1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-117A To BM11-118
Date 11-7-62
Indexed B. J. GALL

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
	6179		177			5.347		179		BM11-117A (Puente C-8C)
	6002		173			5.168		179		Valley Blvd at 5th Ave
	5829		350			4.989		358		
1.	18.010	6.0033		.350		15.504	5.1680		.358	See F.B. 1396-104A
	5.203		178			5.347		179		
	5.025		176			5168		179		T. K. KAPP
	4.849		354			4989		358		
2.	15.077	5.0257		.704		15.504	5.1680		.716	
	4.277		179			4.625		182		
	4.098		179			4.443		182		
	3.919		358			4.261		364		
3.	12.294	4.0980		1.062		13.329	4.4430		1.080	
	5.183		183			5.317		177		
	5.000		185			5.140		179		
	4.815		368			4.961		356		
4.	14.998	4.9993		1.430		15.418	5.1393		1.436	
	5.178		176			5.536		176		
	5.002		172			5.360		172		
	4.830		348			5.188		348		
5	15.010	5.0033		1.778		16.084	5.3613		1.784	
		25.1296					25.7800			

F.B. 2884 P.G. 217

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. G. Valdez Time 1:20 - 1:55 Rod No. 19520

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-117A To B.M. 11-118
Date 11-7-62
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
	5.339	25.1296	147	1.778		6.648	25.2800	147 166	1.784	B.M. 11-118 (PUENTE B-7)
	5.192		143			6.482		161		VALLEY BLVD. & at 4th AVE
	5.049		290			6.318		330		
6.	15.580	5.1933		2.068	82°	19.448	6.4827		2.114	See F.B. 1316-105
										Summation of Run From B.M. 11-117A to B.M. 11-118
										Total Backsights = + 30.3229
										Total Foresights = − 31.7627
										Diff. Elev. = − 1.4398
										Backsight stadia = 2.068
										Foresight Stadia = 2.114
										Total Stadia = 4.182
										= 0.26 MILES

F.B. 2881 PG. 218

30.3229 31.7627

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: 9:50 - 10:10 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-118 To: BM 11-117A
Date: 8 Nov. 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
	6.138		.166		#19	4.828		.147		BM 11-118 (Puente B-7)
	5.972		.165			4.681		.147		Valley Blvd at 4th Ave
1	5.807		.331			4.534		.294		
	17.917	5.9723		331	78	14.043	4.6810		.294	See F.B. 1376-105
	4.241		.176			3.882		.176		
	4.065		.176			3.706		.177		T Martinez
2	3.889		.352			3.529		.353		
	12.195	4.0650		.683		11.117	3.7057		.647	
	3.523		.180			3.384		.183		
	3.343		.181			3.201		.183		
3	3.162		.361			3.018		.366		
	10.028	3.3427		1.044		9.603	3.2010		1.013	
	4.459		.175			4.127		.185		
	4.284		.173			3.942		.184		
4	4.111		.348			3.758		.369		
	12.854	4.2847		1.392		11.827	3.9423		1.382	
	4.807		.178			4.668		.180		
	4.629		.177			4.488		.180		
5	4.452		.355			4.308		.360		
	13.888	4.6293		1.747		13.464	4.4880		1.742	
		22.2940					20.0180			

F.B. 2684 P.G. 219

76P526-CE 379—10-57

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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: 9:50 - 10:10
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-212 To: BM 11-117A
Date: 9 Nov. 1962
Indexed: G. J. GATTI

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	4.983	22.2940	.179	1.747		5.821	20.0180	.177	1.742	BM 11-117A (Puente C-50)
	4.804		.181			5.644		.177		Valley Blvd at 57th Ave
	4.623		.360			5.467		1.354		
	14.410	4.8033		2.107	80°	16.932	5.6440		2.096	See F.B. 1376-104A
										Summation of Run From B.M. 11-118 To B.M. 11-117A
										Total Backsights = + 27.0973 Total Foresights = — 25.6620
										Diff. Elev. = + 1.4353
										Backsight stadia = 2.107 Foresight Stadia = 2.096
										Total Stadia = 4.203 = .21 mi.
	27.0973					25.6620				

F.B. 2884 P.G. 220

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 1:55 - 2:20 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-118 To: BM 11-119A
Date: 7 Nov 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
	6.330		.139		#19	4.790		.138		BM 11-118 (Puente B-7)
	6.191		.136			4.652		.134		Valley Blvd at 4th Ave
1	6.055		.275			4.518		.272		
	18.576	6.1920		.275	84°	13.910	4.6533		.272	See F.B. 1376-105
	4.194		.184			4.399		.184		
	4.010		.180			4.215		.180		Π Martinez
2	3.830		.364			4.035		.364		
	12.034	4.0113		.639		12.649	4.2163		.636	
	3.753		.183			4.502		.181		
	3.570		.185			4.321		.182		
3	3.385		.368			4.139		.363		
	10.708	3.5693		.1007		12.962	4.3207		.999	
	3.951		.177			4.609		.178		
	3.773		.174			4.431		.179		
4	3.599		.351			4.252		.357		
	11.322	3.7740		1.358		13.292	4.4307		1.356	
	5.222		.179			3.672		.181		
	5.043		.178			3.491		.181		
5	4.865		.357			3.310		.362		
	15.130	5.0433		1.715		10.473	3.4910		1.718	
		22.5899					21.1120			

F.B. 2884 P.G. 221

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 1:55 - 2:20 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-118 To: BM 11-119A
Date: 7 Nov 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	5.255	22.5899	.165	1.715		4.412	21.1120	.164	1.718	
	5.090		.165			4.248		.165		
	4.925		.330			4.083		.329		
	15.270	5.0900		2.045		12.743	4.2477		2.047	
7	4.589		.028			4.009		.028		BM 11-119A
	4.561		.028			3.981		.028		Valley Blvd at 3rd Ave
	4.533		.056			3.953		.056		
	13.683	4.5610		2.101	82°	11.943	3.9810		2.103	See F.B. 2880-48
										Summation of Run From B.M. 11-118 To B.M. 11-119A
										Total Backsights = + 32.2409 Total Foresights = − 29.3407 Diff. Elev. = + 2.9002
										Backsight stadia = 2.101 Foresight Stadia = 2.103 Total Stadia = 4.204 = .27 mi.
	32.2409					29.3407				

F.B. 2884 P.G. 222

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 K. M. Kapp Time 9:15-9:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-119A To BM11-118
Date 11-8-62
Indexed S. 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	3.973		027		19	4.557		030		BM11-119A
	3.946		028			4.527		029		Valley Blvd at 3rd Ave
	3.918		055			4.498		059		
	11.837	3.9457		055	74°	13.582	4.5273		059	See F.B. 2880-48
2	4.363		163			5.207		166		
	4.200		165			5.041		167		T Martinez
	4.035		328			4.874		333		
	12.598	4.1993		383		15.122	5.0407		392	
3	3.792		180			5.343		177		
	3.612		180			5.166		177		
	3.432		360			4.989		354		
	10.836	3.6120		743		15.498	5.1660		746	
4	4.832		177			4.171		175		
	4.655		176			3.996		175		
	4.479		353			3.821		350		
	13.966	4.6553		1.096		11.988	3.9960		1.096	
5	4.336		182			3.589		184		
	4.154		181			3.405		183		
	3.973		363			3.222		367		
	12.463	4.1543		1.459		10.216	3.4053		1.463	
		20.5666					22.1353			

F.B. 2884 P.G. 223

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 K. M. Kapp Time 9:15-9:50 Rod No. 19-26

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-119A To BM 11-118
Date 11-8-62
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	5.154	20.5466	181	1.459		4.949	22.1353	181	1.463	
	4.973		180			4.768		180		
	4.793		361			4.588		361		
	14.920	4.9733		1.820		14.305	4.7683		1.824	
7	4.707		137			6.247		137		BM 11-118 (Quote 3-7) Valley Street & 4th Ave
	4.570		138			6.110		137		
	4.432		275			5.973		274		
	13.709	4.5697		2.095	78°	18.330	6.1100		2.098	See F.B. 1346-105
										Summation of Run From B.M. 11-119A To B.M. 11-118
										Total Backsights = + 30.1096 Total Foresights = − 33.0136 Diff. Elev. = −2.9040
										Backsight stadia = 2.095 Foresight Stadia = 2.098 Total Stadia = 4.193 = 0.27 mi.
	30.1096					33.0136				

F.B. 2884 P.G. 224

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 2:25 - 3:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-119A To BM11-120
Date 11-7-62
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
	1.699		166			5.698		155		BM 11-119A
	1.533		164			5.543		155		Valley Blvd at 3rd Ave
	1.369		330			5.388		310		
1.	4.601	1.5337		.330	82°	16.629	5.5430		.310	See F.B. 2880-48
	5.253		181			4.723		187		
	5.072		183			4.536		188		T. G. Cook
	4.889		364			4.348		375		
2.	15.214	5.0713		.694		13.607	4.5357		.685	
	5.130		173			4.796		174		
	4.957		177			4.622		174		
	4.780		350			4.448		348		
3.	14.867	4.9557		1.044		13.866	4.6220		1.033	
	5.410		177			4.033		171		
	5.233		173			3.862		171		
	5.060		350			3.691		342		
4.	15.703	5.2343		1.394		11.586	3.8620		1.375	
	5.859		177			4.690		180		
	5.682		177			4.510		180		
	5.505		354			4.330		360		
5.	17.046	5.6820		1.748		13.530	4.5100		1.735	
		22.4770					23.0727			

F.B. 2884 P.G. 225

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 2:55 - 3:15 Rod No. 13820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-119 A To B.M. 11-120
Date 11-7-62
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
	5.633	22.4770	175	1.118		4.570	23.0127	171	1.735	
	5.458		178			4.399		169		
	5.280		353			4.230		340		
6	16.371	5.4570		2.101		13.199	4.3997		2.075	
	4.208		166			3.971		176		
	4.042		162			3.795		176		
	3.880		328			3.619		352		
7	12.130	4.0433		2.429		11.385	3.7950		2.427	
	3.436		175			4.642		180		
	3.261		172			4.462		180		
	3.089		347			4.282		360		
	9.786	3.2620		2.776		13.389	4.4630		2.787	
	4.045		046			4.323		052		
	3.997		047			4.271		052		
	3.950		093			4.219		104		
9	11.992	3.9973		2.871		12.813	4.2710		2.891	
	4.571		151			4.892		159		
	4.420		155			4.733		161		
	4.265		309			4.572		320		
10	13.259	4.4197		3.180		14.197	4.7323		3.211	
		43.6563					44.7337			

F.B. 288 1 P.G. 226

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 F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 2:55 - 3:15 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-119A To B.M. 11-120
Date 11-7-62
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
	4.722	43.6563	171	3.180		5.940	44.7337	160	3.211	
	4.551		169			5.780		160		
	4.382		340			5.620		320		
11	13.655	4.5517		3.520		17.340	5.7800		3.531	
	4.158		157			6.418		150		BM 11-120
	4.001		153			6.268		150		Proctor Ave at 2nd Ave
	3.848		310			6.118		300		
12	12.007	4.0023		3.830	78°	18.801	6.2680		3.831	See F. B. 1376-107

Summation of Run
From B.M. 11-119A
To B.M. 11-120

Total Backsights = + 52.2103
Total Foresights = − 56.7817
Diff. Elev. = −4.5714

Backsight stadia = 3.830
Foresight Stadia = 3.831
Total Stadia = 7.661
= 0.49 MILES

F.B. 2381 P.G. 22

52.2103 56.7817

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 F. E. Brooks
Notes by F. E. Brooks
Weather Hazy
Time 9:45 - 9:20
Inst. No. 15066
Rod No. 13 [illegible]

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-120 To B.M. 11-119A
Date 8 Nov. 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	6.674 6.523 6.370	6.523	.151 .153 1.304	.304	#19 68°	4.411 4.258 4.103	4.253	.153 .155 1.309	.309	BM 11-120 Proctor Ave at 2nd Ave See T.B. 1376-107
2	6.509 6.342 6.172	5.8407	.166 .170 .336	.640		4.779 4.612 4.451	4.6133	.165 .161 .326	.634	T Cook
3	5.005 4.841 4.675	4.8403	.164 .166 .330	.970		4.604 4.524 4.374	4.5240	.150 .150 .300	.934	
4	4.375 4.324 4.272	4.3237	.051 .052 1.103	1.073		4.1[illegible] 4.051 4.002	4.0510	.047 .049 .098	1.032	
5	4.965 4.784 4.605	4.7847	.181 .179 .360	1.433		3.758 3.583 3.407	3.5827	.175 .176 .351	1.383	
	14.354	26.3117				10.748	21.0283			

F.B. 2884 P.G. 128

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: F. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 8:45 - 9:20 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM11-120 To: BM11-119A
Date: 8 Nov. 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
6	3.711	26.3117	.166	1.433		3.968	21.0283	.175	1.383	
	3.545		.166			3.793		.174		
	3.379		.332			3.619		.349		
	10.635	3.5450		1.765		11.380	3.7933		1.732	
7	4.901		.164			5.976		.186		
	4.737		.166			5.790		.182		
	4.571		.330			5.608		.368		
	14.209	4.7363		2.095		17.374	5.7913		2.100	
8	4.757		.180			5.925		.177		
	4.577		.179			5.748		.176		
	4.398		.359			5.572		.353		
	13.732	4.5773		2.454		17.245	5.7483		2.453	
9	4.291		.172			5.661		.172		
	4.119		.171			5.489		.175		
	3.948		.343			5.314		.341		
	12.358	4.1193		2.797		16.464	5.4880		2.800	
10	4.802		.174			5.133		.174		
	4.628		.174			4.959		.175		
	4.454		.348			4.784		.349		
	13.884	4.6280		3.145		14.876	4.9587		3.149	
		47.9176					46.8079			

F.B. 2084 P.G. 229

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 ICK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brook Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 8:45-9:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 2201.02
From B.M 11-120 To B.M 11-119A
Date 8 Nov. 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
11	4.122	4.9176	.184	3.145		5.254	4.6079	.192	3.1~~4~~9	
	4.538		.187			5.072		.182		
	4.351		.341			4.890		.364		
	13.611	4.5370		3.516		15.216	5.0720		3.5~~8~~3	
12	5.612		.155			1.613		.164		BM 11-119A
	5.457		.157			1.449		.166		Valley Blvd at 3rd Ave
	5.300		.312			1.283		.330		
	16.369	5.4563		3.828	74°	4.345	1.4483		3.8~~4~~3	See F.B. 2880-48
										Summation of Run From B.M. 11-120 To B.M. 11-119A
										Total Backsights = + 57.91~~45~~10 Total Foresights = − 53.3282 ✓ Diff. Elev. = + 4.582~~8~~
										Backsight stadia = 3.828 ✓ Foresight Stadia = 3.8~~4~~3 Total Stadia = 7.6~~8~~1 = .48 mi.

F.B. 2884 PG. 230

57.91~~45~~10 53.3282 ✓

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:05-11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-120 To BM11-121
Date 11-8-62
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	7.932		170		19	5.124		153		BM 11-120
	7.762		170			4.971		155		Proctor Ave at 2nd Ave
	7.592		340			4.816		308		
	23.286	7.7620		340	80°	14.911	4.9703		308	See F.B. 1376-107
2	3.267		148			5.879		159		
	3.119		147			5.720		159		T Martinez
	2.972		295			5.561		318		
	9.358	3.1193		635		17.160	5.7200		626	
3	4.547		182			4.167		187		
	4.365		184			3.980		188		
	4.181		366			3.792		375		
	13.093	4.3643		1001		11.939	3.9797		1.001	
4	5.210		184			4.561		181		
	5.026		184			4.380		182		
	4.842		368			4.198		363		
	15.078	5.0260		1.369		13.139	4.3797		1.364	
5	5.437		177			3.075		178		
	5.260		179			2.897		180		
	5.081		356			2.717		358		
	15.778	5.2593		1.725		8.689	2.8963		1.722	
		25.5309					21.9460			

F.B. 2884 P.G. 231

76P526-CE 379—10-57

PLEASE RETURN TO
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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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Karp Time 11:05 - 11:45 Rod No. 19-20

Name ~~L.A. Co. Precise Level Net~~
Job No. 23.01.02
From BM 11-120 To BM 11-121
Date 11-8-62
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	6.302	2.5509	182	1.725		3.573	2.1.9460	184	1.722	
	6.120		178			3.329		186		
	5.942		360			3.143		370		
	18.364	6.1213		2.085		9.985	3.3283		2.092	
7	5.707		157			2.186		158		
	5.550		156			2.028		158		
	5.394		313			1.870		316		
	16.651	5.5503		2.398		6.084	2.0280		2.408	
8	8.164		182			1.343		178		
	7.982		160			1.195		176		
	7.802		362			1.019		354		
	23.948	7.9827		2.760		3.587	1.1957		2.762	
F.B. 2884 P.G. 232 9	8.540		180			1.329		181		
	8.360		180			1.509		180		
	8.180		360			1.329		361		
	25.080	8.3600		3.120		4.528	1.5093		3.123	
10	8.070		166			1.656		165		
	7.904		165			1.491		162		
	7.739		331			1.329		327		
	23.713	7.9043		3.451		4.476	1.4920		3.450	
		61.4495					31.4993			

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 F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 11:05-11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-120 To BM 11-121
Date 11-8-62
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	7.942	61.4495	162	3.451		1.717	31.4993	167	3.450	
	7.780		163			1.550		168		
	7.617		325			1.382		335		
	23.339	7.7787		3.776		4.649	1.5497		3.785	
12	7.332		163			1.290		160		Summation of Run
	7.169		165			1.130		160		From B.M. 11-120
	7.004		328			0.970		320		To B.M. 11-121
	21.505	7.1683		4.104		3.390	1.1300		4.105	
13	6.110		090			3.530		096		BM 11-121
	6.020		089			3.434		095		2nd Ave. and Workman Mill Rd
	5.931		179			3.339		191		at Comites Ave.
	18.061	6.0203		4.283	84°	10.303	3.4343		4.296	See F.B. 1376-108
		82.4178					37.6133			

Total Backsights = + 82.4178
Total Foresights = − 37.6133
Diff. Elev. = + 44.8045

Backsight stadia = 4.283
Foresight Stadia = 4.296
Total Stadia = 8.579
= 0.54 mi.

F.B. 2894 P.G. 233

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 F. E. Brook Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 1:00 — 1:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-121 To BM 11-120
Date 11-9-62
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
	3.740		098		19	6.320		.090		BM 11-121
	3.642		099			6.230		090		2nd Ave. & Workman Mill Rd.
1	3.543		197			6.140		180		at Lomitas Ave.
	0.925	3.6417		.197	72°	18.690	6.2300		.180	See F.B. 1376-108
	1.652		161			7.698		166		
	1.491		160			7.532		165		T. G. Cook.
2	1.331		321			7.367		331		
	4.474	1.4913		.518		22.597	7.5323		.518	
	1.352		164			7.580		162		
	1.188		166			7.418		163		
3	1.023		330			7.255		325		
	3.562	1.1873		.848		22.253	7.4177		.835	
	1.705		165			8.117		165		
	1.540		167			7.952		163		
4	1.373		332			7.789		328		
	4.618	1.5393		1.180		23.858	7.9527		1.178	
	1.850		181			8.697		180		
	1.669		182			8.517		180		
5	1.487		363			8.337		360		
	5.006	1.6687		1.543		25.551	8.5170		1.538	
	9.5283					37.6497				

F.B. 2884 P.G. 234

76P526-CE 379—10-57

PLEASE RETURN TO
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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 F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C. G. VALDEZ Time 1:00 - 1:40 Rod No. 12-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-121 To BM 11-120
Date 11-9-62
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	1.467	9.5283	179	1.543		8.253	37.6497	182	1.538 (24)	
	1.288		179			8.071		180		
	1.109		358			7.891		362		
	3.864	1.2880		1.901		24.215	8.0717		1.896 (86)	
7	2.229		156			5.751		156		
	2.073		156			5.595		156		
	1.917		312			5.439		312		
	6.219	2.0730		2.213		16.785	5.5950		2.807 (198)	
8	3.582		185			6.369		180		
	3.397		187			6.189		180		
	3.210		372			6.009		360		
	10.189	3.3963		2.595 (8)		18.567	6.1890		2.567 (58)	
9	3.441		177			5.810		182		
	3.264		173			5.628		180		
	3.091		350			5.448		362		
	9.796	3.2653		2.945 (3)		16.886	5.6287		2.928 (0)	
10	4.361		181			5.010		182		
	4.180		180			4.828		185		
	4.000		361			4.643		367		
	12.541	4.1803		3.306 (29)		14.481	4.8270		3.296 (87)	
		23.7312					67.9611			

F.B. 2884 P.G. 235

76P526-CE 379—10-57

PLEASE RETURN TO
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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: E. E. Brooks Weather: HAZY Inst. No. 15066
Notes by: C. G. VALDEZ Time: 1:00 - 1:40 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-121 To: BM 11-120
Date: Nov. 9-62
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
	4.627	23.7312	188	3.396 (79)		5.006	67.9611	181	3.250 (87)	
	4.439		188			4.825		181		
11	4.251		376			4.644		362		
	13.317	4.4390		3.682 (7)		14.475	4.8250		36.58 (49)	
	5.962		144			3.377		160		Summation of Run
	5.818		147			3.217		160		From B.M. 11-121
12	5.671		291			3.057		320		To B.M. 11-120
	17.451	5.8170		3.913 (6)		9.651	3.2170		3.978 (69)	
	5.418		156		# 1	8.226		169		BM 11-120
	5.262		153			8.057		170		Proctor Ave. at 2nd Ave.
13	5.109		309			7.887		339		
	15.789	5.2630		4.282 (7)	71°	24.170	8.0567		4.308	See F.B. 1376-107
										Total Backsights = 39.2502
										Total Foresights = 84.0598
										Diff. Elev. = -44.8096
										Backsight stadia = 4.282 (7)
										Foresight Stadia = 4.308
										Total Stadia = 8.590
										= 0.54 MILES
	39.2502					84.0598				

F.B. 2884 P.G. 236

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: F. E. Brooks Weather: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 11:45 - 1:35 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 11-121 To: BM 11-122
Date: 8 Nov. 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
	8.861		.161		#19	2.341		.162		BM 11-121
	8.700		.160			2.179		.162		2nd Ave and Workman Mill Rd
1	8.540		.321			2.017		.324		at Lomitas Ave
	26.101	8.7003		.321	84	6.537	2.1790		.324	See F.B. 1376-108
	7.341		.175			4.708		.172		
	7.166		.176			4.536		.175		T. Valdez
2	6.990		.351			4.361		.347		
	21.497	7.1657		.672		13.605	4.5350		.671	
	4.578		.169			6.282		.173		
	4.409		.169			6.109		.177		
3	4.240		.338			5.932		.350		
	13.227	4.4090		1.010		18.323	6.1077		1.021	
	4.191		.182			6.431		.175		
	4.009		.180			6.256		.177		
4	3.829		.362			6.079		.352		
	12.029	4.0097		1.372		18.766	6.2553		1.373	
	3.993		.127			2.954		.120		1hr. for lunch
	3.866		.125			2.834		.116		
5	3.741		.252			2.718		.236		
	11.600	3.8667		1.624	84°	8.506	2.8353		1.609	
		28.1514					21.9123			

F.B. 0004 P.G. 030

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 F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-121 To BM 11-122
Date 8 Nov. 1962
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	1.131	28.1514	.180	1.624		6.250	21.9123	.174	1.609	
	0.951		.181			6.076		.175		
	0.770		.361			5.901		.349		
	2.852	0.9507		1.285	82°	18.227	6.0757		1.958	
7	3.548		.185			6.823		.181		
	3.363		.182			6.642		.181		
	3.181		.367			6.461		.362		
	10.092	3.3630		2.352		20.106	6.7020		2.320	
9	3.262		.180			6.609		.175		
	3.082		.177			6.434		.173		
	2.905		.357			6.261		.348		
	9.249	3.0830		2.709		19.304	6.4347		2.668	
F.B. 2884 P.G. 278 9	3.388		.179			6.543		.173		
	3.209		.177			6.370		.173		
	3.032		.356			6.197		.346		
	9.629	3.2097		3.015		19.110	6.3700		3.014	
10	3.130		.167			6.024		.182		
	2.963		.164			5.842		.181		
	2.799		.331			5.661		.363		
	8.892	2.9640		3.396		17.527	5.8423		3.377	
		41.7278					53.3370			

76P526-CE 379—10-57

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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: Smoggy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 11:45 - 1:35 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM11-121 To: BM11-122
Date: 8 Nov. 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
11	2.661	41.7218	.173	3.396		6.015	53.3370	.175	3.377	Summation of Run
	2.488		.176			5.840		.176		From B.M. 11-121
	2.312		.349			5.664		.351		To B.M. 11-122
	7.461	2.4870		3.745		17.519	5.8397		3.728	
12	2.643		.179			6.000		.175		Total Backsights = + 52.5623
	2.464		.181			5.825		.175		Total Foresights = — 79.5177
	2.283		.360			5.650		.350		Diff. Elev. = - 26.9544
	7.390	2.4633		4.105		17.475	5.8250		4.076	
13	3.223		.167			7.086		.185		Backsight stadia = 4.772
	3.056		.168			6.901		.182		Foresight Stadia = 4.756
	2.888		.335			6.719		.367		Total Stadia = 9.528
	9.167	3.0557		4.440		20.706	6.9020		4.445	= .60 mi.
14	3.007		.167			7.770		.157		BM11-122
	2.840		.165			7.613		.154		Workman Mill Rd
	2.675		.332			7.459		.311		near Fontenoy Ave
	8.522	2.8407		4.772	84°	22.842	7.6140		4.756	See F.B. 2880-49
		52.5623					79.5177			

F.B. 2884 P.G. 239

76P526-CE 379—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 DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 11:15 – 11:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From: BM 11-122 To: BM 11-121
Date: 9 Nov. 1962
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	7.876		.167		#19	3.049		.160		BM 11-122
	7.661		.168			2.889		.157		Work man Mill Rd near
	7.493		1.335			2.732		1.317		Fontenoy Ave
	22.182	7.6607		.335	76°	8.664	2.8880		.317	See F.B. 2880 – 49
2	7.618		.177			3.229		.174		
	6.901		.175			3.055		.176		π Kapp
	6.726		1.352			2.879		1.350		
	20.7056	6.9017		.687		9.163	3.0543		.661	
3	6.500		.175			3.141		.180		
	6.325		.175			2.961		.182		
	6.150		1.350			2.779		1.362		
	18.975	6.3250		1.037		8.881	2.9603		1.329	
F.B. 2884 P.G. 240 4	[illegible]		.177			2.937		.176		
	6.132		.173			2.761		.173		
	6.959		1.350			2.608		1.349		
	19.400	6.1333		1.397		8.346	2.7820		1.378	
5	6.158		.169			3.283		.175		
	5.989		.170			3.108		.177		
	5.819		1.339			2.931		1.352		
	17.966	5.9887		1.426		9.322	3.1073		1.530	
		33.0094					14.7919			

76P526-CE 379--10-57

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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 Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:15 - 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-122 To BM11-121
Date 9 Nov. 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
6	6.619	33.0094	.172	1.726		3.463	14.7919	.175	1.730	
	6.447		.175			3.288		.179		
	6.272		.347			3.109		.354		
	19.338	6.4460		2.073		9.860	3.2867		2.084	
7	6.883		.174			3.532		.175		
	6.709		.177			3.357		.179		
	6.532		.351			3.178		.354		
	20.124	6.7080		2.424		10.067	3.3557		2.438	
8	6.968		.181			3.630		.182		
	6.787		.182			3.448		.183		
	6.605		.363			3.265		.365		
	20.360	6.7867		2.787		10.343	3.4477		2.803	
9	6.587		.177			1.462		.176		
	6.410		.178			1.286		.177		
	6.232		.355			1.109		.353		
	19.229	6.4097		3.142		3.857	1.2857		3.156	
10	3.229		.119			4.269		.128		
	3.110		.119			4.141		.128		
	2.991		.238			4.013		.256		
	9.330	3.1100		3.380		12.423	4.1410		3.412	
		62.4698					30.3087			

F.B. 28884 P.G. 241

76P526-CE 379—10-57

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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: E. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: E. E. Brooks Time: 11:15 - 11:50 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 11-122 To: BM 11-121
Date: 9 Nov 1962
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
11	6.432 6.254 6.077	6.2-4698	.178 .177 .355	3.380		4.182 4.008 3.827	4.0080	.181 .181 .362	3.412	Summation of Run From B.M. 11-122 To B.M. 11-121
	18.763	6.2543		3.735		12.024	4.0080		3.774	
12	6.328 6.141 5.957		.187 .184 .371			4.600 4.439 4.281		.161 .158 .319		Total Backsights = + 81.7244 Total Foresights = − 54.7670 Diff. Elev. = + 26.9574
	18.426	6.1420		4.106		13.320	4.4400		4.093	
13	4.831 4.658 4.482		.173 .176 .349			7.4[illegible] 7.2[illegible] 7.111		.173 .176 .349		Backsight stadia = 4.782 Foresight Stadia = 4.764 Total Stadia = 9.546 = .60 mi.
	13.971	4.6570		4.455		21.958	7.2860		4.442	
14	8.365 8.201 8.038		.164 .163 .327		68°	9.895 9.725 8.563		.170 .162 .332		BM 11-121 2nd Ave and Walnut Mill Rd. not Lomitas Ave See F.B. 1376-108
	25.604	8.2013		4.782		26.173	8.7243		4.764	

F.B. 2664 P.G. 242

81.7244' 54.7670'

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 K. M. Kapp Time 1:35 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM11-122 To BM11-123A
Date 11-8-62
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	4.018		189		19	8.090		194		BM 11-122
	3.829		185			7.896		195		Workman Mill Rd near house
	3.644		374			7.701		389		Fontenoy Ave.
	11.491	3.8303		374	84°	23.687	7.8957		389	See F.B. 2880-49
2	2.591		194			7.244		194		
	2.397		196			7.050		193		T Cook
	2.201		390			6.857		387		
	7.189	2.3963		764		21.151	7.0503		776	
3	2.715		188			7.786		190		
	2.527		188			7.596		189		
	2.339		376			7.407		379		
	7.581	2.5270		1.140		22.789	7.5963		1.155	
4	3.750		180			6.477		175		
	3.570		180			6.302		172		
	3.390		360			6.130		347		
	10.710	3.5700		1.500		18.909	6.3030		1.502	
5	3.878		182			5.983		183		
	3.696		183			5.800		187		
	3.513		365			5.613		370		
	11.087	3.6957		1.865		17.396	5.7987		1.872	
		16.0193					34.6440			

F.B. 2884 P.G. 243

76P526-CE 379—10-57

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Karp Time 1:35-2:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 11-122 To B.M. 11-123A
Date 11-8-62
Indexed E. J. GALLY

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
	3.926	16.0193	180	1.865		5.928	34.6440	175	1.872	
	3.746		179			5.753		173		
6	3.567		359			5.580		348		
	11.239	3.7463		2.224		17.261	5.7537		2.220	
	3.967		176			5.915		168		Summation of Run
	3.791		174			5.747		169		From B.M. 11-122
7	3.617		350			5.578		337		To B.M. 11-123A
	11.375	3.7917		2.574		17.240	5.7467		2.557	
	4.988		091			6.305		085		PM 11-123A (Corps. of Engr.)
	4.897		089			6.220		087		Workman Mill Rd. & Whittier
8	4.808		180			6.133		172		Narrows Diversion Channel
	14.693	4.8977		2.754	84°	18.658	6.2193		2.729	See F.B. 1376-110A
										Total Backsights = + 28.4550
										Total Foresights = − 52.3637
										Diff. Elev. = −23.9087
										Backsight stadia = 2.754
										Foresight Stadia = 2.729
										Total Stadia = 5.483
										= 0.35 mi.
	28.4550					52.3637				

F.B. 2084 PG. 244

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 E. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. G. Valdez Time 10:45 - 11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-123A To BM 11-122
Date 11-9-62
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
	6.150		083		19	4.837		092		BM 11-123A (Corps. of Eng'rs)
	6.067		084			4.745		092		Workman Mill Rd. @ Whittier
1	5.983		167			4.653		184		Narrows Diversion Channel
	18.200	6.0667		167	64°	14.235	4.7450		184	See F.B. 1376-110A
	5.639		173			3.682		172		
	5.466		174			3.511		170		T Martinez
2	5.292		347			3.341		340		
	16.397	5.4657		.514		10.534	3.5113		.524	
	5.597		175			3.595		180		
	5.422		172			3.415		180		
3	5.250		347			3.235		360		
	16.269	5.4230		.861		10.245	3.4150		.884	
	5.675		186			3.565		178		
	5.489		188			3.387		180		
4	5.301		374			3.207		358		
	16.465	5.4883		1.235		10.159	3.3863		1.243	
	5.702		172			2.973		178		
	5.530		175			2.795		178		
5	5.355		347			2.617		356		
	16.587	5.5290		1.582		8.385	2.7950		1.598	
		27.9727					17.8526			

F.B. 2884 P.G. 1445

76P526-CE 379—10-57

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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 HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 10:46 - 11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-123A To BM 11-122
Date 11-9-62
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
	7.637	27.9727	190	1.582		2.588	17.8526	189	1.598	
	7.447		190			2.399		187		
6	7.257		380			2.212		376		
	22.341	7.4470		1.962		7.199	2.3997		1.974	
	7.362		195			2.744		195		Summation of Run
	7.167		194			2.549		196		From B.M. 11-123A
7	6.973		389			2.353		391		To B.M. 11-122
	21.502	7.1673		2.351		7.646	2.5487		2.365	
	7.933		193			3.809		187		BM 11-122
	7.740		193			3.622		186		Workman Mill Rd. near house
8	7.547		386			3.436		373		Fontenoy Ave
	23.220	7.7400		2.737	76°	10.867	3.6223		2.738	See F.B. 2880-49
										Total Backsights = + 50.3270
										Total Foresights = − 26.4233
										Diff. Elev. = + 23.9037
										Backsight stadia = 2.737
										Foresight Stadia = 2.738
										Total Stadia = 5.475
										= 0.35 MILES
		50.3270					26.4233			

F.B. 2881 P.G. 24

76P[redacted]7

[redacted]

700 Los [redacted] Engineering Bldg.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] Weather [redacted] Inst. No. [redacted] Matter [redacted]
Notes by [redacted] Time [redacted] Rod No. [redacted] Job No. [redacted]
From [redacted] To [redacted]
Date [redacted]
Indexed C. 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
	6.755		.09			6.106		.071		BM 11-123A (Corps of Engr.)
	5.664		.089			6.035		.072		Workman Mill Rd at Whittier
	5.575		.140			5.963		.143		Narrows Diversion Channel
	16.994	5.6647		.170	84°	18.104	6.0347		.143	See F.B. 1376-110A
										BM 11-123B (Corps of Engr.)
										Workman Mill Rd at Whittier
										Narrows Diversion Channel
		Spur	shot	to	side	B.M.				See F.B. 1376-110B
										Summation of Run
										From B.M. 11-123A
										To B.M. 11-123B
										Total Backsights = + 5.6647
										Total Foresights = − 6.0347
										Diff. Elev. = − 0.3700
										Backsight stadia =
										Foresight Stadia = 170
										Total Stadia = 143
										= 313
										= .02 mi

F.B. 2004 P.G. 2411

76P526-CE 379—10-57

PLEASE RETURN TO
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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 [illegible] Weather [illegible] No. 15066
Notes by F. E. B[illegible] No. 19-40
Name L.A. Co. Precise Level Net
Job 0361.02
To
Under C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Target	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	[illegible]		[illegible]			5.64		[illegible]		11-123 B (Corps of Engr.)
	5.9[illegible]		.05			5.5[illegible]		.090		Work near Mill Rd. at Whittier
			[illegible]			6.[illegible]		.120		Narrows Diversion Channel
	5.91[illegible]					4.5[illegible]			.180	See F.B. 1346-110B
										11-123 A (Corps of Engr.)
										Work near Mill Rd. at Whittier
										Narrows Diversion Channel
	Spur Shot To Side					BM.				See F.B. 1346-110A
										Summation of Run
										From B.M. 11-123 B
										To B.M. 11-122 A
										Total Backsights = + 5.9[illegible]
										Total Foresights = − 5.5[illegible]
										Diff. Elev. = + 0.3[illegible]
										Backsight stadia = [illegible]
										Foresight Stadia = [illegible]
										Total Stadia = [illegible]

F.B. [illegible] P.G. [illegible]

2889