Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2856 Pg. 5
Map No.	J.N. 0301.02 Note Std of	
Office Work	Surveyed by F.E. Brooks	
Checked	Notes F.E. Brooks Date July 61	
Date	Indexed JUL 24 '81 H.E. On	

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Line No. 2

B.M. descriptions F.B. 1203 pg.6 to pg.22
F.B. 2856 pg. 7 to pg. 12

Differences of elevation F.B. 2856 pg. [redacted] to pg. 164

Route

S on Valley View Ave. from Alondra Blvd. to the S.P.R.R. Then NW along the S.P.R.R. to Bloomfield Ave. N on Bloomfield Ave. to Firestone Blvd. NW on Firestone Blvd. to Norwalk Blvd. S on Norwalk Blvd. to Front St. NW on Front St. to Clarkdale Ave. N on Clarkdale Ave. to Firestone Blvd. NW on Firestone Blvd. to San Antonio Dr. N on San Antonio Dr. till it changes to Norwalk Blvd. Then N on Norwalk Blvd. to Whitter Blvd. SE on Whitter Blvd. to Magnolia Blvd.

F.E.Brooks
D.LeGault
R.R.Rodriguez
G.R.Esquer

Note: Any Additions or Changes on This Sheet Must be Made on Circled In Red Ink With Date and Name of Person Making Change.
Do not extend notes this side of this line.
RETURN TO LOS ANGELES COUNTY ENGINEER 900 LOS ANGELES COUNTY ENGINEERING BLDG.
763099 CE #247 7-59

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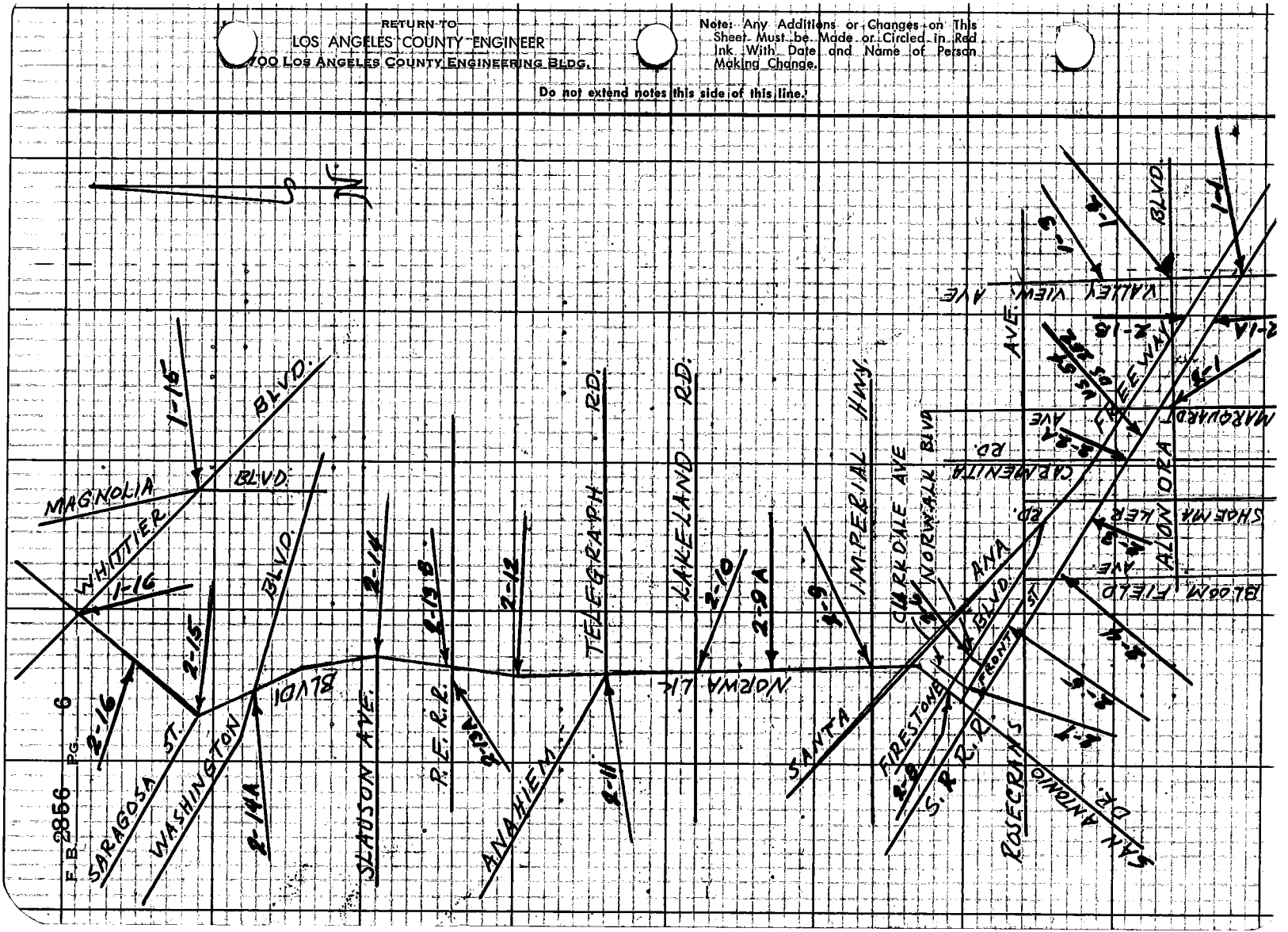


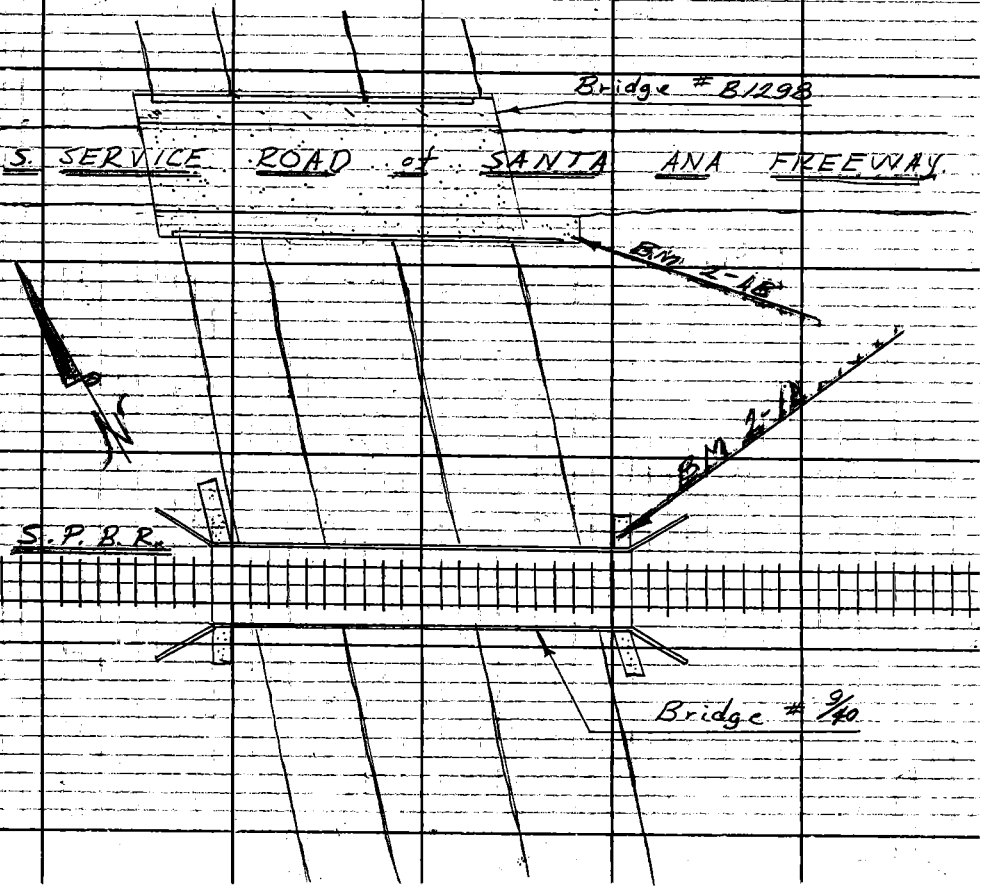
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2856 PG. 7
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date July 61	
Date	Indexed JUL 2 4 '61 H. E. ON	

B.M. 2-1A ? SE

This mark is aprox. 0.35 mi. NW of Alondra Blvd. along the S.P.R.R. The mark is a RR spk. cemented into the top of the NE abudment of S.P.R.R. bridge no. 9/40

B.M. 2-1B ? SE

This mark is aprox. 0.35 mi. NW of Alondra Blvd. along the S service road to the Santa Ana Freeway. The mark is a U.S. Army Corps of Engineers Brass Disc cemented in to the SE cor. of State Highway Bridge no. B 1298. The mark is stamped CC 37 1959



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76F309S S&E #247 11-58

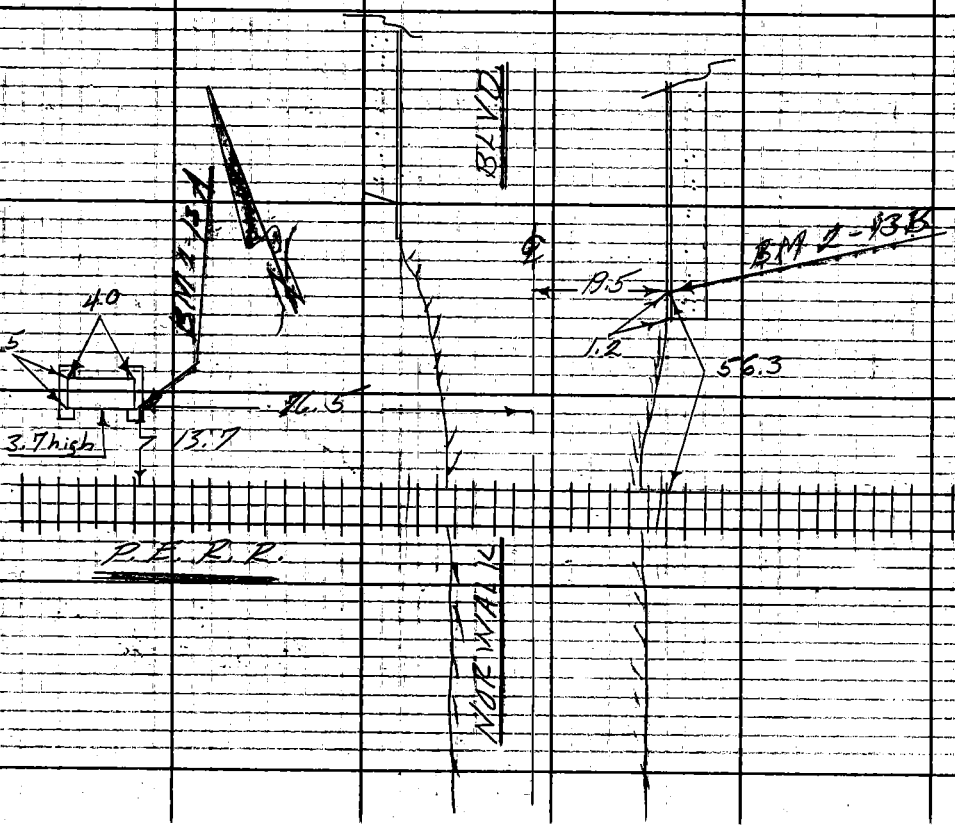
F. B. 2856 PG. 8

B.M. 2-13A

This mark is in Los Nietos and it is 76.5' W of the C/L of Norwalk Blvd. and 13.7' N of the N rail of the P.E.R.R. The mark is the SE mounting bolt of a steel box 1.5' wide 4.0' long 3.7' high. The box has CROSSING NO. 6C 14.44 painted on it.

B.M. 2-13B

This mark is in Los Nietos and it is 19.5' E of the C/L of Norwalk Blvd. and 56.3' N of the N rail of the P.E.R.R. The mark is a ram set driven through a 1" dia. brass cap into the curb. The brass cap is stamped STATE OF CALIF. DIV. OF HIGHWAYS. TBM # 11 is painted on the curb.



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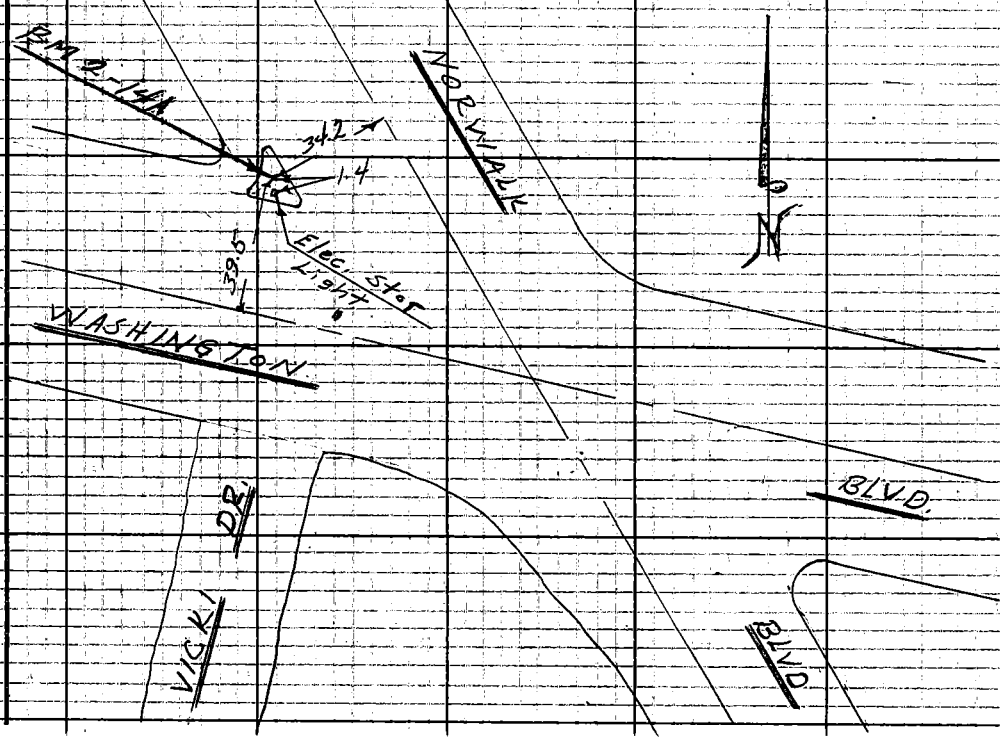
Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2856 Pg. 9
Map No.	JN 0301.02 Tape Std. of F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date July 61	
Date	Indexed H. E. Ott	

B.M. 2-14A

This mark is at the interesection of Norwalk Blvd. and Washington Blvd. in the NW cor. The mark is 34.2' SW of the aprox C/L of Norwalk Blvd. and 39.5' NE of the aprox C/L of Washington Blvd. 1.4' NE of a elec. stop light. The mark is a L.A.Co. Engr. Brass Cap cemented into the conc. base of the stop light. The mark is stamped B.M. 2-14A 1961 R.E. 5869



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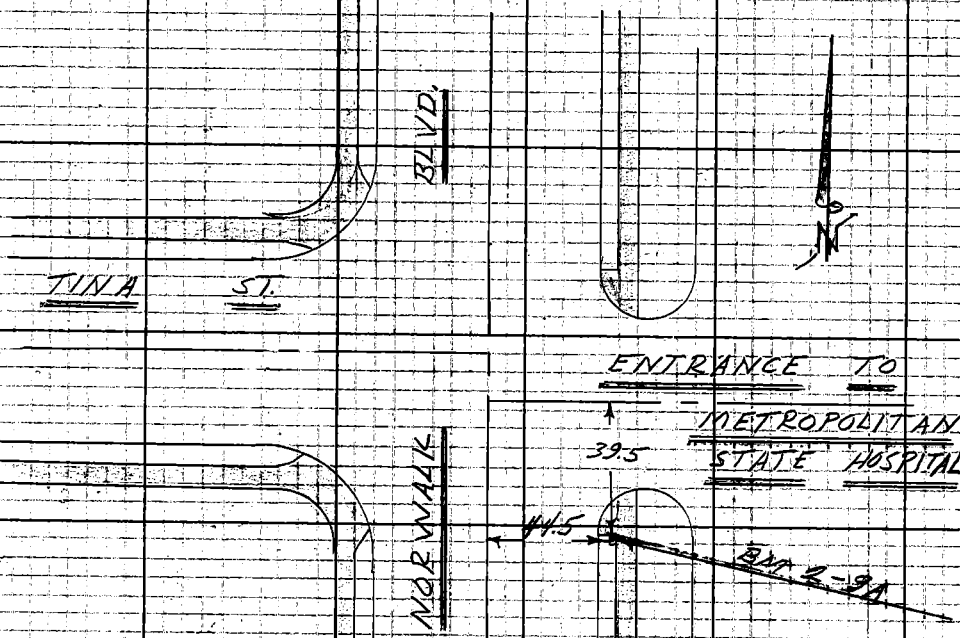
763095 CE #247 7-53

F.B. 2856 PG. 10

B.M. 2-9A

This mark is on Norwalk Blvd. at the entrance to The Metropolitan State Hospital. The mark is 44.5' E of the aprox C/L of Norwalk Blvd. and 39.5' S of the aprox C/L of the entrance to the Hospital. The mark is a L.A.Co. Engr. B.M. Brass Cap set in conc. in a well 12" below the level of the sidewalk and protected by a cast iron cover marked COUNTY ENGINEER MONUMENT. The mark is stamped B.M. 2-9A 1961 R.E. 5869



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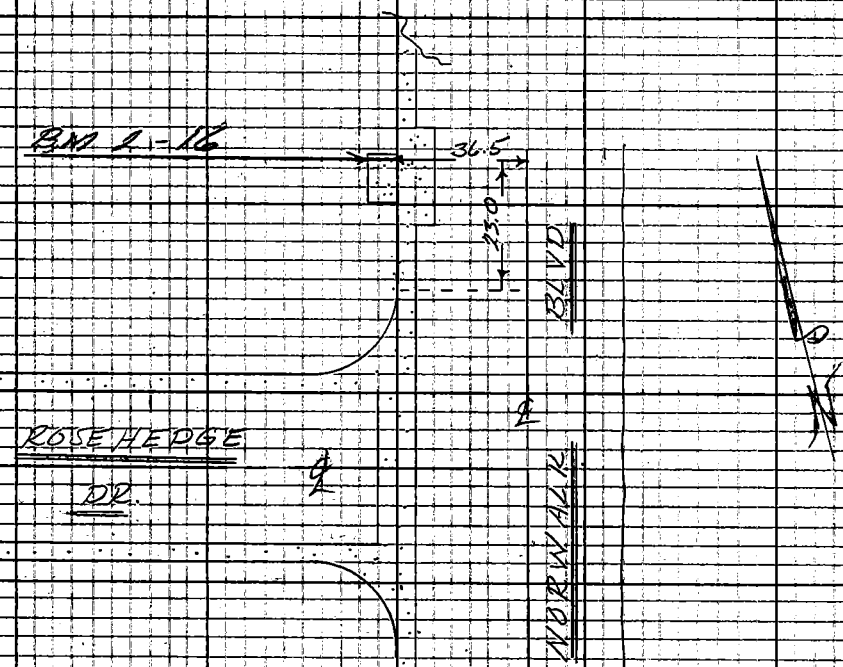
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 030802 Tape Std of F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date July 61
Date	Indexed H.E. Orr

F. B. 2856 PG. 11

B.M. 2-16

This mark is in the NW cor. of the intersection of Norwalk Blvd. and Rosehedge Dr. The mark is 36.5' W of the aprox C/L of Norwalk Blvd. and is 23.0' N of the N end of the NW curb return, The marker is a H.A.Co.Engr. Brass Cap cemented into the N edge of a catch basin. The mark is stamped B.M. 2-16 1961 R.E. 5869



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900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247 7-59

F.B. 2956 PG. 12

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76P526-CE 379—10-57

(R) 8-46-61

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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: 9:15 - 9:25
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 1-2 To BM 1-3
Date 7 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.872		.092		#19	5.807		.104		BM 1-2
	5.750		.092			5.703		.101		Valley View and Alondra
	5.658		.184			5.602		.205		Blvd.
	17.250	5.750		.184	78°	17.112	5.704		.205	see F.B. 1202-7
2	5.313		.152			4.480		.143		
	5.161		.150			4.337		.145		T Le Gault
	5.011		.302			4.192		.288		
	15.485	5.162		.486		13.009	4.336		.493	Summation of Run
3	4.702		.149			3.888		.150		From B.M. 1-2
	4.553		.146			3.738		.147		To B.M. 1-3
	4.407		.295			3.591		.297		
	13.662	4.554		.781		11.217	3.739		.790	Total Backsights = + 25.435
4	5.067		.149			4.105		.147		Total Foresights = − 23.173
	4.918		.147			3.958		.149		Diff. Elev. = + 2.262
	4.771		.296			3.809		.296		Backsight stadia = 1.375
	4.756	4.915		1.077		11.872	3.957		1.086	Foresight Stadia = 1.384
5	5.199		.149			5.586		.149		Total Stadia = 2.759
	5.050		.149			5.437		.149		= .17 mi.
	4.901		.298			5.288		.298		BM 1-3
	15.150	5.050		1.375		16.311	5.437		1.384	Valley View Ave 846 ft
		25.435					23.173			N. of Alondra Blvd.
										See FB. 1202-

F.B. 1202 P.G. 13

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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: 9:30 - 9:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 1-3 To: BM 1-2
Date: 7 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.669		.150		#19	5.281		.149		BM 1-3
	5.519		.150			5.132		.149		Valley View Ave 846 ft
	5.367		.300			4.983		.298		N. of Alondra Blvd
	16.551	5.517		.300	78°	15.396	5.132		.298	See F.B. 1202
2	4.212		.148			5.172		.148		T LeGault
	4.064		.145			5.024		.147		
	3.919		.293			4.877		.295		Summation of Run
	12.195	4.065		.593		15.073	5.024		.593	From B.M. 1-3
										To B.M. 1-2
3	4.071		.150			4.891		.149		
	3.921		.149			4.742		.148		Total Backsights = + 23.419
	3.772		.299			4.594		.297		Total Foresights = − 25.608
	11.764	3.921		.892		14.227	4.742		.890	Diff. Elev. = − 2.2[illegible]
4	4.451		.151			5.272		.148		Backsight stadia = 1.385
	4.300		.148			5.124		.147		Foresight Stadia = 1.381
	4.152		.299			4.977		.295		Total Stadia = 2.766
	12.903	4.301		1.191		15.373	5.124		1.185	= .18 mi.
5	5.712		.098			5.759		.098		BM 1-2
	5.614		.096			5.661		.098		Valley View Ave and
	5.518		.194			5.563		.196		Alondra Blvd.
	16.844	5.615		1.385		16.983	5.661		1.381	See F.B. 1202-7
		23.419					25.683			

F.B. 1202 P.G. 14

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 10:45 – 11:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-2 To BM 1-1
Date 6 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.308		.151		#19	5.681		.140		BM 1-2
	4.157		.150			5.541		.140		Alondra Blvd and Valley
	4.007		.301			5.401		.280		View Ave.
	12.472	4.157		.301	82°	16.623	5.541		.280	See F.B. 1202-7
2	4.207		.149			5.548		.148		
	4.058		.147			5.400		.149		T. LeGault
	3.911		.296			5.251		.297		
	12.176	4.059		.597		16.199	5.400		.577	
3	4.473		.148			5.341		.149		
	4.325		.148			5.192		.146		
	4.177		.296			5.046		.295		
	12.975	4.325		.893		15.579	5.193		.872	
4	4.933		.148			5.685		.148		
	4.785		.145			5.537		.149		
	4.640		.293			5.388		.297		
	14.358	4.786		1.186		16.610	5.537		1.169	
5	5.899		.088			3.433		.086		
	5.811		.089			3.347		.088		
	5.722		.177			3.259		.174		
	17.432	5.811		1.363		10.039	3.346		1.343	
		23.138					25.017			

F.B. 2865 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: F. E. Brooks Time: 10:45 - 11:15 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-2 To: BM 1-1
Date: 6 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.077	23.138	.146	1.363		0.527	25.017	.146	1.343	
	7.931		.145			0.381		.147		
	7.786		.291			0.234		.293		
	23.794	7.931		1.654		1.142	0.381		1.636	
7	9.023		.116			1.628		.117		
	8.907		.116			1.511		.114		
	8.791		.232			1.397		.231		
	26.721	8.907		1.886		4.536	1.512		1.867	
8	8.478		.147			4.058		.147		
	8.331		.146			3.911		.148		
	8.185		.293			3.763		.295		
	24.994	8.331		2.179		11.732	3.911		2.162	
9	4.633		.147			8.537		.147		
	4.486		.147			8.390		.148		
	4.339		.294			8.242		.295		
	13.458	4.486		2.473		25.169	8.390		2.457	
10	0.869		.145			10.408		.145		
	0.724		.144			10.263		.145		
	0.580		.289			10.118		.290		
	2.173	0.724		2.762		30.789	10.263		2.747	
		53.517					49.474			

F.B. 2836 P.G. 16

76P526-CE 379—10-57

8-16-61

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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: 10:45-11:15 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-2 To: BM 1-1
Date: 6 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.002	55.517	.087	2.762		8.586	49.474	.089	2.747	
	1.915		.087			8.497		.089		
	1.828		.174			8.408		.178		
	5.745	1.915		2.936		25.491	8.497		2.925	
12	3.698		.081		#19	6.946		.077		BM 1-1
	3.617		.080			6.869		.077		Valley View Ave and
	3.537		.161			6.792		.154		S.P. R.R.
	10.852	3.617		3.097	84°	20.607	6.869		3.079	See F.B. 1202-6
										Summation of Run From B.M. 1-2 To B.M. 1-1
										Total Backsights = + 59.049 Total Foresights = − 64.840 Diff. Elev. = − 5.791
										Backsight stadia = 3.097 Foresight Stadia = 3.079 Total Stadia = 6.176 = .39 mi.
		59.049					64.840			

F.B. 1285 P.G. 17

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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 – 11:45 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-1 To: BM 1-2
Date: 6 July 1961
Indexed: H E Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.971		.078		#19	3.722		.081		BM 1-1
	6.893		.076			3.641		.081		Valley View Ave and
	6.817		.154			3.560		.162		S. P. R. R.
	20.681	6.894		.154	87°	10.923	3.641		.162	see F.B. 1202-6
2	8.650		.089			2.066		.088		
	8.561		.089			1.978		.087		T LeGault
	8.472		.178			1.891		.175		
	25.683	8.561		.332		5.935	1.978		.337	
3	10.622		.144			1.084		.143		
	10.478		.146			0.941		.146		
	10.332		.290			0.795		.289		
	31.432	10.477		.622		2.820	0.940		.626	
F.B. 2856 P.G. 18 4	8.548		.149			4.642		.148		
	8.399		.146			4.494		.147		
	8.253		.295			4.347		.295		
	25.200	8.400		.917		13.483	4.494		.921	
5	4.051		.147			8.471		.147		
	3.904		.146			8.324		.146		
	3.758		.293			8.178		.293		
	11.713	3.904		1.210		24.973	8.324		1.214	
		38.236					19.378			

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 11:15-11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-1 To BM 1-2
Date 6 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.607	38.236	.116	1.210		9.003	19.378	.115	1.214	
	1.491		.112			8.888		.117		
	1.379		.228			8.771		.232		
	4.477	1.492		1.438		26.662	8.887		1.446	
7	0.512		.144			8.066		.146		
	0.368		.144			7.920		.143		
	0.224		.288			7.777		.289		
	1.104	0.368		1.726		23.763	7.921		1.735	
8	3.540		.088			6.004		.088		
	3.452		.085			5.916		.088		
	3.367		.173			5.828		.176		
	10.359	3.453		899 ~~1.909~~		17.748	5.916		1.911	
9	5.683		.146			4.933		.147		
	5.537		.149			4.786		.147		
	5.388		.295	194 ~~2.204~~		4.639		.294		
	16.608	5.536				14.358	4.786		2.205	
10	5.451		.147			4.586		.148		
	5.304		.145			4.438		.149		
	5.159		.292			4.289		.297		
	15.914	5.305		2.496		13.313	4.438		2.502	
		54.390					51.325			

F.B. 2857 P.G. 19

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: 11:15 – 11:45 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM H-1 To: BM 1-2
Date: 6 July 1961
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.467	54.390	.148	2.186		4.122	51.325	.148	2.502	
	5.319		.148			3.974		.146		
	5.171		.296			3.828		.294		
	15.957	5.319		2.792		11.924	3.975		2.796	
12	5.599		.139		#19	4.228		.150		BM 1-2
	5.460		.139			4.078		.151		Alondra Blvd and
	5.321		.278			3.927		.301		Valley View Ave
	16.380	5.460		3.070	84°	12.233	4.078		3.097	See F.B. 1202-7

Summation of Run
From B.M.
To B.M.

Total Backsights = + 65.169
Total Foresights = – 59.378
Diff. Elev. = + 5.791

Backsight stadia = 3.070
Foresight Stadia = 3.097
Total Stadia = 6.167
= .39 mi.

F.B. 2851 P.G. 20

65.169 59.378

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: 1:05 - 1:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-1 To: BM 2-1 B
Date: 6 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.691		.146		#19	7.932		.147		BM 1-1
	7.545		.145			7.785		.147		Valley View Ave and
	7.400		.291			7.638		.294		S.P. R.R.
	22.636	7.545		.291	86°	23.355	7.785		.294	See F.B. 1202-6
2	5.592		.152			3.478		.137		
	5.440		.151			3.341		.136		T Le Gault
	5.289		.303			3.205		.273		
	16.321	5.440		.594		10.024	3.341		.547	
3	4.952		.145			5.041		.148		
	4.807		.146			4.893		.144		
	4.661		.291			4.749		.292		
	14.420	4.807		.885		14.683	4.894		.859	
4	4.999		.149			6.135		.147		
	4.850		.148			5.988		.145		
	4.702		.297			5.843		.292		
	14.551	4.850		1.182		17.966	5.989		1.151	
5	5.129		.146			5.494		.145		
	4.983		.145			5.349		.146		
	4.838		.291			5.203		.291		
	14.950	4.983		1.473		16.046	5.349		1.442	
		27.625					27.358			

F.B. 1255 P.G. 21

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 1:05 - 1:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-1 To BM 2-1B
Date 6 July 1941
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread 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	5.768	27.625	.146	1.473		4.941	27.358	.146	1.442	
	5.622		.144			4.795		.146		
	5.478		.290			4.649		.292		
	16.868	5.623		1.763		14.385	4.795		1.734	
7	5.311		.144			5.026		.155		
	5.167		.142			4.871		.151		
	5.025		.286			4.720		.306		
	15.503	5.168		2.049		14.617	4.872		2.048	
8	5.301		.149			5.242		.149		
	5.152		.149			5.093		.147		
	5.003		.298			4.946		.296		
	15.456	5.152		2.347		15.281	5.094		2.336	
9	5.485		.147			5.315		.148		
	5.338		.147			5.167		.147		
	5.191		.294			5.020		.295		
	16.014	5.338		2.641		15.502	5.167		2.631	
10	5.415		.151			5.158		.150		
	5.264		.147			5.008		.148		
	5.117		.298			4.860		.298		
	15.796	5.265		2.939		15.026	5.009		2.929	
		54.171					52.495			

F.B. 2352 P.G. 22

76P526-CE 379—10-57

8-16-61

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 Hazy Inst. No. 15011
Notes by F. E. Brooks Time 1:05-1:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-1 To BM 2-1B
Date 2 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.289	54.171	.148	2.941		4.251	52.295	.148	2.929	
	6.141		.149			4.103		.146		
	5.992		.297			3.957		.294		
	18.422	6.141		3.238		12.311	4.104		3.223	
12	5.724		.068		#19	3.802		.067		BM 2-1B
	5.656		.070			3.735		.067		S. Service Rd. of Santa Ana
	5.586		.138			3.668		.134		Freeway and Bridge B 1298
	16.966	5.655		3.376		11.205	3.735		3.357	See F.B. 2856-7

Summation of Run
From B.M. 1-1
To B.M. 2-1B

Total Backsights = + 65.967
Total Foresights = − 60.134
Diff. Elev. = + 5.833

Backsight stadia = 3.376
Foresight Stadia = 3.357
Total Stadia = 6.733
= .43 mi

F.B. 2857 P.G. 23

65.967 60.134

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: 1135 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-13 To: BM 4-1
Date: 6 July 1941
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3.894		.066		#19	5.817		.069		BM 2-13
	3.828		.067			5.748		.070		S. Service Rd of Santa Ana
	3.761		.133			5.678		.139		Freeway and Bridge B 1298
	11.483	3.828		.133	86°	17.243	5.748		.139	see F.B. 2856-7
2	4.275		.147			6.313		.148		
	4.128		.148			6.165		.148		T LeGault
	3.980		.295			6.017		.296		
	12.383	4.128		.428		18.495	6.165		.435	
3	5.168		.147			5.424		.146		
	5.021		.149			5.278		.150		
	4.872		.296			5.128		.296		
	15.061	5.020		.724		15.830	5.277		.731	
4	5.291		.150			5.461		.150		
	5.141		.149			5.311		.148		
	4.992		.299			5.163		.298		
	15.424	5.141		.1023		15.935	5.312		1.029	
5	5.217		.147			5.276		.148		
	5.070		.148			5.128		.147		
	4.922		.295			4.981		.295		
	15.209	5.070		1.318		15.385	5.128		1.324	
		23.187					27.630			

F.B. 2856 P.G. 24

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. 15 OLL
Notes by F. E. Brooks Time 1:35 - 2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-18 To BM 1-1
Date 6 July 1921
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.048	23.187	.147	1.318		5.344	27.630	.146	1.324	
	4.901		.149			5.198		.150		
	4.752		.296			5.048		.296		
	14.701	4.908		1.614		15.590	5.197		1.620	
7	5.025		.145			5.852		.144		
	4.880		.148			5.708		.147		
	4.732		.293			5.561		.291		
	14.637	4.879		1.907		17.121	5.707		1.911	
8	5.538		.146			5.171		.146		
	5.392		.145			5.025		.145		
	5.247		.291			4.880		.291		
	16.177	5.392		2.198		15.076	5.025		2.202	
9	6.063		.145			4.926		.147		
	5.918		.146			4.779		.147		
	5.772		.291			4.632		.294		
	17.753	5.918		2.489		14.337	4.779		2.496	
10	5.117		.146			5.031		.147		
	4.971		.146			4.884		.145		
	4.825		.292			4.739		.292		
	14.913	4.971		2.781		14.654	4.885		2.788	
		49.244					53.223			

F.B. 1857 P.G. 25

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: 1:35 - 2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM2-1B To BM1-1
Date 6 July 1961
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	3.483	49.247	.137	2.781		5.599	53.223	.152	2.788	
	3.346		.135			5.447		.154		
	3.211		.272			5.293		.306		
	10.040	3.347		3.053		16.339	5.446		3.094	
12	7.773		.146		#19	7.528		.140		BM 1-1
	7.627		.146			7.388		.136		Valley View Ave and
	7.481		.292			7.252		.276		S.P.R.R.
	22.881	7.627		3.345	86°	22.168	7.389		3.370	See F.B. 1202-6
										Summation of Run From B.M. ~~2-1B~~ To B.M. 1-1
										Total Backsights = + 60.221 Total Foresights = − 66.058 Diff. Elev. = − 5.837
										Backsight stadia = 3.345 Foresight Stadia = 3.370 Total Stadia = 6.715 = .43 mi.
		60.221					66.058			

F.B. 1205 P.G. 26

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 10:10-10-15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-1B To BM 2-1A
Date 7 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	1.511		.149		#19	4.939		.150		BM 2-1B
	1.362		.149			4.789		.149		S. Service Rd. of Santa Ana
	1.213		.298			4.640		.299		Freeway and Bridge B1298
	4.086	1.362		.298		14.368	4.789		.299	see F.B. 2856-7
2	5.110		.150			5.578		.149		T LeGault
	4.960		.148			5.429		.149		
	4.812		.298			5.280		.298		
	14.882	4.961		.596		16.287	5.429		.597	
3	5.078		.040			1.957		.040		BM 2-1A
	5.038		.040			1.917		.040		S. P. R. R. aprox 0.35 mi
	4.998		.080			1.877		.080		N.W. of Valley View Ave
	15.114	5.038		.676		5.751	1.917		.677	see F.B. 2856-7
		11.361					12.135			

Summation of Run
From B.M. 2-1B
To B.M. 2-1A

Total Backsights = + 11.361
Total Foresights = − 12.135
Diff. Elev. = − 0.774
Backsight stadia = .676
Foresight Stadia = .677
Total Stadia = 1.353
= .09 mi

F.B. 2856 P.G. 27

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: 10:15 - 10:25 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-1A To: BM 2-1B
Date: 7 Jul 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.982 1.942 1.902		.040 .040 .080		#19	5.105 5.065 5.025		.040 .040 .080		BM 2-1A S.P.R.R. aprox 0.35 mi N.W. of Valley View Ave
	5.826	1.942		.080	84°	15.195	5.065		.080	see F.B. 2856-7
2	5.528 5.390 5.240		.148 .150 .298			5.069 4.919 4.771		.150 .148 .298		T Le Gault
	16.168	5.389		.378		14.759	4.920		.378	
3	4.978 4.828 4.680		.150 .148 .298		#19	1.552 1.403 1.256		.149 .147 .296		BM 2-1B S. Service Road of Santa Ana Freeway & Bridge B 1298
	14.486	4.829		.676	84°	4.211	1.404		.674	see F.B. 2856-7
		12.160					11.389			

F.B. 2856 P.G. 28

Summation of Run
From B.M. 2-1A
To B.M. 2-1B

Total Backsights = + 12.160
Total Foresights = − 11.389
Diff. Elev. = + 0.771
Backsight stadia = 676
Foresight Stadia = 674
Total Stadia = 1.350
.09 mi

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 10:25 – 10:58 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-1A To BM 2-1
Date 7 Sept 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.982		.040		#19	5.105		.040		BM 2-1 A
	1.942		.040			5.065		.040		S.P.R.R. aprox 0.35 mi
	1.902		.080			5.025		.080		N.W. of Valley View Ave
	5.826	1.942		.080	84°	15.195	5.065		.080	See F.B. 28-56-7
2	5.538		148			5.069		150		T Le Gault
	5.390		150			4.919		148		
	5.240		298			4.771		298		
	16.168	5.389		378		14.759	4.920		378	
3	4.978		150			1.552		149		
	4.828		148			1.403		147		
	4.680		298			1.256		296		
	14.486	4.829		.676		4.211	1.404		.674	
4	5.028		.084			4.150		.079		
	4.944		.082			4.071		.079		
	4.862		.166			3.992		.158		
	14.834	4.945		.842		12.213	4.071		.832	
5	4.399		.147			6.202		.146		
	4.252		.149			6.056		.147		
	4.103		.296			5.909		.293		
	12.754	4.251		1.138		18.167	6.056		1.125	
		21.356					21.516			

F.B. 2856 P.G. 29

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: 10:25-10:50 Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 2-1A To: BM 2-1
Date: 7 July 1961
Indexed: H.E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.425	21.356	.148	1.138		6.171	21.516	.144	1.125	
	4.317		.149			6.027		.147		
	4.168		.297			5.880		.291		
	12.950	4.317		1.435		18.078	6.026		1.416	
7	5.024		.149			5.198		.148		
	4.875		.148			5.050		.149		
	4.727		.297			4.901		.297		
	14.626	4.875		1.732		15.149	5.050		1.713	
8	5.652		.146			5.310		.149		
	5.506		.147			5.161		.149		
	5.359		.293			5.012		.298		
	16.517	5.506		2.025		15.483	5.161		2.011	
9	5.342		.144			5.730		.150		
	5.198		.147			5.580		.149		
	5.051		.291			5.431		.299		
	15.591	5.197		2.316		16.741	5.580		2.310	
10	5.676		.147			4.387		.147		
	5.529		.148			4.240		.149		
	5.381		.295			4.091		.296		
	16.586	5.529		2.611		12.718	4.239		2.606	
		46.780					47.572			

F.B. 1851 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 — Weather: Hazy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:25-10:50 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-1A To: BM 2-1
Date: 7 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.049	4.780	.149	2.611		4.638	47.572	.149	2.606	
	4.900		.147			4.489		.148		
	4.753		.296			4.341		.297		
	14.702	4.901		2.907		13.468	4.489		2.903	
12	5.123		.147			4.428		.145		Summation of Run
	4.976		.148			4.283		.144		From B.M. 2-1A
	4.828		.295			4.139		.289		To B.M. 2-1
	14.927	4.976		3.202		12.850	4.283		3.192	
13	5.769		.085			6.986		.085		BM 2-1 (U.S. 4124)
	5.684		.083			6.901		.084		S.P.R.R. and Marquardt
	5.601		.168			6.817		.169		Ave
	17.054	5.685		3.370		20.704	6.901		3.361	see F.B. 1203-6
										Total Backsights = + 62.342
										Total Foresights = − 63.245
										Diff. Elev. = − 0.903
										Backsight stadia = 3.370
										Foresight Stadia = 3.361
										Total Stadia = 6.731
										= .43 mi.
		62.342					63.245			

F.B. 1857 P.G. 31

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 10:50 – 11:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-1 To BM 2-1A
Date 7 July 1961
Indexed F. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.018		.086		#19	5.802		.083		BM 2-1 (D.S. 4124)
	6.932		.084			5.719		.082		S.P. R.R. and Marquardt
	6.848		.170			5.637		.165		Ave
	20.798	6.933		.170	86°	17.158	5.719		.165	see F.B. 1203-6
2	4.377		.146			5.070		.149		
	4.231		.144			4.921		.149		T LeGault
	4.087		.290			4.772		.298		
	12.695	4.232		.460		14.763	4.921		.463	
3	4.668		.148			5.081		.148		
	4.520		.149			4.933		.145		
	4.371		.297			4.788		.293		
	13.559	4.520		.757		14.802	4.934		.756	
4	4.383		.146			5.669		.149		
	4.237		.146			5.520		.149		
	4.091		.292			5.371		.298		
	12.711	4.237		1.049		16.560	5.520		1.054	
5	5.467		.147			5.084		.146		
	5.320		.149			4.938		.147		
	5.171		.296			4.791		.293		
	15.958	5.319		1.345		14.813	4.938		1.347	
		25.241					26.032			

F.B. 2856 P.G. 32

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 10:50 - 11:15
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM2-1 To BM2-1A
Date 7 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5.201	25.241	.150	1.345		5.542	26.032	.149	1.347	
	5.051		.149			5.393		.146		
	4.902		.299			5.247		.295		
	15.154	5.05		1.644		16.182	5.394		1.642	
7	5.102		.146			4.931		.148		
	4.955		.148			4.783		.146		
	4.808		.294			4.637		.294		
	14.866	4.955		1.938		14.351	4.784		1.936	
8	6.133		.147			4.422		.149		
	5.986		.146			4.273		.149		
	5.840		.293			4.124		.298		
	17.959	5.986		2.231		12.819	4.273		2.234	
9	6.164		.145			4.365		.148		
	6.019		.147			4.217		.148		
	5.872		.292			4.069		.296		
	18.055	6.018		2.523		12.651	4.217		2.530	
10	4.119		.079			4.996		.085		
	4.040		.079			4.911		.082		
	3.961		.158			4.829		.167		
	12.120	4.040		2.681		14.736	4.912		2.697	
		51.291					49.612			

F.B. 2856 P.G. 33

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: 10:50 - 11:15 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM2-1 To: BM2-1A
Date: 7 July 1964
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	1.601	51.291	.149	2.681		4.928	49.612	.149	2.697	
	1.352		.149			4.779		.149		
	1.203		.298			4.630		.298		Summation of Run
	4.056	1.352		2.979		14.337	4.779		2.995	From B.M. 2-1 To B.M. 2-1A
12	5.060		.149			5.528		.149		
	4.911		.148			5.379		.149		
	4.763		.297			5.230		.298		
	14.734	4.911		3.276		16.137	5.379		3.293	
13	5.029		.040		#19	1.908		.040		BM 2-1A
	4.989		.040			1.868		.040		S.P.R.R. approx 0.35 mi. N.W.
	4.949		.080			1.828		.080		of Valley View Ave
	14.967	4.989		3.356	86°	5.604	1.868		3.373	See F.B. 2856-7
										Total Backsights = + 62.543
										Total Foresights = − 61.638
										Diff. Elev. = + 0.905
										Backsight stadia = 3.356
										Foresight Stadia = 3.373
										Total Stadia = 6.729
										= .43 mi.
		62.543					61.638			

F.B. 2856 P.G. 34

76P526-CE 379—10-57

@ 7-16-61

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 Hazy Inst. No. 15066
Notes by Esquer Time 11:25-11:35 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-1 To BM US 54
Date 7-7-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5197		164		#19	3065		153		BM 2-1 (US 424)
	5033		162			2912		151		S.P.R.R. and Marquardt
	4871		326			2761		304		Ave
	15101	5034		326	88°	8738	2913		304	see F.B. 1203-6
2	5538		147			4417		147		π LeGault
	5391		147			4270		147		Summation of Run
	5244		294			4123		294		From B.M. 2-1
	16173	5391		620		12810	4270		598	To B.M. US 54
3	5046		153			4880		149		
	4893		149			4731		148		Total Backsights = + 20.598
	4744		302			4583		297		Total Foresights = − 17.858
	14683	4894		922		14194	4731		895	Diff. Elev. = + 2.740
4	5401		122		#19	6087		143		BM US 54
	5279		122			5944		142		S.P.R.R. 375 ft ±
	5157		244			5802		286		N.W. of Alondra Blvd
	15837	5279		1166	88°	17833	5944		1191	see F.B. 1203-7
										Backsight stadia = 1.166
										Foresight Stadia = 1.191
										Total Stadia = 2.357
										.15 mi
		20.598					17.858			

F.B. 1251 P.G. 35

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 Esquer Time 11:40-11:50 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM US 54 To BM 2-1
Date 7-7-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6151		142		#19	5467		124		BM US 54
	6009		141			5343		122		S.P.R.R. 375 ft + NW.
	5868		283			5221		246		of Alondra Blvd.
	18028	6009		283	88°	16031	5344		246	See F.B. 1203-7
2	4914		147			5080		150		T Le Gault
	4767		148			4930		151		Summation of Run
	4619		295			4779		301		From B.M. US 54
	14300	4767		578		14789	4930		547	To B.M. 2-1
3	4368		147			5488		147		Total Backsights = + 19.519
	4221		146			5341		148		Total Foresights = − 22.257
	4075		293			5193		295		Diff. Elev. = − 2.738
	12664	4221		871		16022	5341		842	
4	4680		158			6802		159		BM US 2-1 (U.S. 4124)
	4522		157			6643		163		S.P.R.R. and Margrove
	4365		315			6480		322		Ave
	13567	4522		1186		19925	6642		1164	See F.B. 1203-6
										Backsight stadia = 1.186
										Foresight Stadia = 1.164
										Total Stadia = 2.350
		19.519					22.257			= .15 mi

F.B. 1235 P.G. 36

76P526-CE 379—10-57

CW 8-16-61

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 Esquer Time 11:35- Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM US 54 To BM US 252
Date 7 Jul. 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6117		144		#19	6209		140		BM US 54
	5973		141			6069		138		S. P. R. R. 375 ft ± N.W.
	5832		285			5931		278		of Alondra Blvd.
	17922	5.974		285	88°	18209	6.070		278	see F.B. 1203-7
										BM US 252
										same description as above
										T LeGault
										Summation of Run
										From B.M. US 54
										To B.M. US 252
										Total Backsights = + 5.974
										Total Foresights = − 6.070
										Diff. Elev. = − 0.096
										Backsight stadia = 285
										Foresight Stadia = 278
										Total Stadia = 563
										.04 mi

F.B. 1256 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: E. E. Brooks — Weather: Hazy — Inst. No.: 15066
Notes by: Esquer — Time: 11:35 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM US 252 To: BM US 54
Date: 7 July 1961
Indexed: H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6223		139		#19	6132		141		BM US 252
	6084		139			5991		140		S.P.R.R. 375ft ± N.W. of
	5945		278			5851		281		Alondra Blvd.
	18252	6.084		278	88°	17.974	5.991		281	See F.B. 1203-7
										BM US 54
										same description as above
										T LeGault
										Summation of Run
										From B.M. US 252
										To B.M. US 54
										Total Backsights = + 6.084
										Total Foresights = − 5.991
										Diff. Elev. = + 0.093'
										Backsight stadia = 278
										Foresight Stadia = 281
										Total Stadia = 559
										= .04 mi

F.B. 1256 P.G. 28

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: 10:00 - 10:30 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BMUS. 252 To: BM 2-2A
Date: 10 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.912		.152		#19	4.891		.148		BM U.S. 252
	6.760		.152			4.743		.150		S.P.R.R. 375± ft N.W. of
	6.608		.304			4.593		.298		Alondra Blvd.
	20.280	6.760		3.040	78°	14.227	4.742		.298	See F.B. 1203-7
2	6.622		.151			4.661		.148		T. LeGault
	6.471		.151			4.513		.149		
	6.320		.302			4.364		.297		
	16.413	5.471		.606		13.538	4.513		.596	
3	6.469		.152			4.641		.149		
	6.317		.152			4.492		.147		
	6.165		.304			4.345		.296		
	15.951	5.317		.910		13.478	4.493		.891	
4	5.617		.149			4.821		.150		
	5.468		.150			4.671		.149		
	5.318		.299			4.522		.299		
	16.403	5.468		1.209		14.014	4.671		1.190	
5	6.634		.146			4.743		.148		
	6.488		.148			4.565		.149		
	6.340		.294			4.416		.297		
	16.462	5.487		1.503		13.694	4.565		1.487	
		28.503					22.984			

F.B. 1251 P.G. 39

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 10:00 - 10:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0321.02
From BM US252 To BM 2-2A
Date 10 July 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	5.586	28.503	.151	1.503		4.848	22.984	.151	1.487	
	5.435		.149			4.697		.151		
	5.286		.300			4.546		.302		
	16.307	5.436		1.803		14.091	4.697		1.789	
7	5.466		.149			4.735		.149		
	5.317		.151			4.586		.149		
	5.166		.300			4.437		.298		
	15.949	5.316		2.103		13.758	4.586		2.087	
8	5.620		.150			4.865		.152		
	5.470		.150			4.713		.150		
	5.320		.300			4.563		.302		
	16.410	5.470		2.403		14.141	4.714		2.389	
9	5.368		.148			4.709		.149		
	5.220		.149			4.560		.146		
	5.071		.297			4.414		.295		
	15.659	5.220		2.700		13.683	4.561		2.684	
10	5.504		.146			4.857		.150		
	5.358		.149			4.707		.150		
	5.209		.295			4.557		.300		
	16.071	5.357		2.995		14.121	4.707		2.984	
		55.302					46.249			

F.B. 2865 P.G. 46

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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8-16-61

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 10:00 – 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM US 252 To BM 2-2A
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.347	55.302	.150	2.995		4.977	46.249	.151	2.984	
	6.197		150			4.826		.148		
	6.047		300			4.678		.299		
	15.591	5.197		3.295		14.481	4.827		3.283	
12	4.878		.109			4.183		.105		BM 2-2A
	4.769		.109			4.078		.109		S.P.R.R. and Carmenita Ave
	4.660		.218			3.969		.214		
	14.307	4.769		3.513	80°	12.230	4.077		3.497	See F.B. 2434-36

Summation of Run
From B.M. US 252
To B.M. 2-2A

Total Backsights = + 65.268
Total Foresights = – 55.153
Diff. Elev. = + 10.115

Backsight stadia = 3.513
Foresight Stadia = 3.497
Total Stadia = 7.010
= .44 mi

F.B. 2434 P.G. 41

65.268 55.153

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 10:35 - 11:20 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-2A To BM US252
Date 10 July 1961
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.112		.105			4.808		.109		BM 2-2A
	4.007		.107			4.699		.109		S.P.R.R. and Carmenita Ave
	3.900		.212			4.590		.218		
	12.019	4.006		.212	80°	14.097	4.699		.218	See F.B. 2434-36
2	4.766		.148			5.139		.150		T LeGault
	4.618		.150			4.989		.149		
	4.468		.298			4.840		.299		Train Delay 25 min
	13.852	4.617		.510		14.968	4.989		.517	
3	4.571		.151			5.220		.149		
	4.420		.149			5.071		.149		
	4.271		.300			4.922		.298		
	13.262	4.421		.810		15.213	5.071		.815	
4	4.393		.147			5.056		.149		
	4.246		.148			4.907		.148		
	4.098		.295			4.759		.297		
	12.737	4.246		1.105		14.722	4.907		1.112	
5	4.173		.150			4.931		.151		
	4.023		.151			4.780		.152		
	3.872		.301			4.628		.303		
	12.068	4.023		1.406		14.339	4.780		1.415	
		21.313					24.446			

F.B. 2435 P.G. 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. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 10:35 - 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-2A To BM US 252
Date 10 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	21.313	.150	1.406		5.412	24.446	.150	1.415	
	4.532		150			5.262		.150		
	4.382		.300			5.112		.300		
	13.596	4.532		1.706		15.786	5.262		1.715	
7	4.733		.150			5.474		.149		
	4.583		.150			5.325		.148		
	4.433		.300			5.177		.297		
	13.749	4.583		2.006		15.976	5.325		2.012	
8	4751		.149			5.667		.147		
	4.602		150			5520		.149		
	4452		.299			5.371		.296		
	13.805	4.602		2.305		16.558	5.519		2.308	
9	4.823		.151			5.617		.150		
	4.672		.149			5.467		.150		
	4.523		.300			5.317		.300		
	14.018	4.673		2.605		16.401	5.467		2.608	
10	4.708		.148			5.537		.154		
	4.560		.149			5.383		.151		
	4.411		.297			5.232		.305		
	13.679	4.560		2.902		16.152	5.384		2.913	
		44.263					51.403			

F.B. 2856 P.G. 43

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 F. E. Brooks Time 10:35-11:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-2A To BM US 252
Date 10 July 1961
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	4.613	44.263	.148	2.902		5.573	51.403	.150	2.913	
	4.465		.147			5.423		.151		
	4.318		.295			5.272		.301		
	13.396	4.465		3.197		16.268	5.423		3.214	
12	4.874		.147		#19	6.897		.155		BM US 252
	4.727		.148			6.742		.151		S.P.R.R. 375± ft NW. of
	4.579		.295			6.591		.306		Alondra Blvd.
	14.180	4.727		3.492	80°	20.230	6.743		3.520	See F.B. 1203-7
										Summation of Run From B.M. 2-2A To B.M. US 252
										Total Backsights = + 53.455 Total Foresights = − 63.569 Diff. Elev. = − 10.114
										Backsight stadia = 3.492 Foresight Stadia = 3.520 Total = 7.012 = .34 mi.
		53.455					63.569			

F.B. 285 P.G. 44

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: 8:15 - 9:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-2A To: BM 2-3
Date: 11 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.938		.151		#19	4.947		.150		BM 2-2A
	4.787		.149			4.797		.150		S.P.R.R. and Carmenita
	4.638		.300			4.647		.300		Ave
	4.363	4.788		.300	72°	4.391	4.797		.300	See F.B. 2434-36
2	5.293		.145			5.340		.148		T. LeGault
	5.148		.148			5.192		.148		
	5.000		.293			5.044		.296		
	15.441	5.147		.593		15.576	5.192		.596	
3	5.079		.149			5.161		.148		
	4.930		.149			5.013		.149		
	4.781		.298			4.864		.297		
	14.790	4.938		.891		15.038	5.013		.893	
4	5.172		.149			5.164		.149		
	5.023		.148			5.015		.148		
	4.875		.297			4.867		.297		
	15.070	5.023		1.188		15.046	5.015		1.190	
5	5.090		.150			5.171		.149		
	4.940		.149			5.022		.150		
	4.791		.299			4.872		.299		
	14.821	4.940		1.487		15.065	5.022		1.489	
		24.828					25.039			

F.B. 2437 P.G. 45

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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 8:15 - 9:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM2-2A To BM2-3
Date 11/4/1961
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.173	24.828	.146	1.487		5.279	25.039	.150	1.489	
	5.027		.149			5.129		.150		
	4.878		.295			4.979		.300		
	15.078	5.026		1.782		15.387	5.129		1.789	
7	5.110		.150			5.121		.146		
	4.960		.149			4.975		.147		
	4.811		.299			4.828		.293		
	14.881	4.960		1.081		14.924	4.975		2.082	
8	5.234		.148			5.071		.148		
	5.086		.149			4.923		.149		
	4.937		.297			4.774		.297		
	15.257	5.086		2.378		14.768	4.923		2.379	
9	5.150		150			5.206		.149		
	5.000		150			5.057		.149		
	4.850		.300			4.908		.298		
	15.000	5.000		2.678		15.171	5.057		2.677	
10	5.045		.150			5.142		.149		
	4.895		.147			4.993		.147		
	4.748		.297			4.846		.296		
	14.688	4.896		2.975		14.981	4.994		2.973	
		49.796					60.117			

F.B. 2985 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: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 8:15 - 9:00 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-2A To: BM2-3
Date: 11 July 1967
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.101	49.798	.150	2.975		5.171	50.117	.149	2.973	
	4.951		.149			5.022		.145		
	4.802		.299			4.877		.294		
	14.854	4.951		3.274		15.070	5.023		3.267	
12	5.073		.150			5.083		.149		
	4.923		.149			4.934		.149		
	4.774		.299			4.785		.298		
	14.770	4.923		3.573		14.802	4.934		3.565	
13	5.090		.150			5.078		.148		
	4.940		.149			4.930		.149		
	4.791		.299			4.781		.297		
	14.821	4.948		3.872		14.789	4.930		3.862	
14	5.157		.149			5.127		.150		
	5.008		.149			4.977		.151		
	4.859		.298			4.826		301		
	15.024	5.008		4.170		14.930	4.977		4.163	
15	5.213		.146			4.998		.148		
	5.067		.148			4.850		.149		
	4.919		.294			4.701		.297		
	15.199	5.066		4.464		14.549	4.849		4.460	
		74.684					74.830			

F.B. 4851 L.P.G. 41

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: 8:15 - 9:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-2A To: BM2-3
Date: 11 July 1961
Indexed: H. E. Cm

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.382	4.684	.149	4.464		4.857	4.830	.149	4.466	Summation of Run
	5.233		.146			4.708		.149		From B.M. 2-2A
	5.087		.295			4.559		.298		To B.M. 2-3
	15.702	5.234		4.759		14.124	4.708		4.758	Total Backsights = + 95.025
17	5.288		.090			5.323		.090		Total Foresights = − 95.846
	5.198		.090			5.233		.090		Diff. Elev. = − 0.821
	5.108		.180			5.143		.180		
	15.594	5.198		4.939		15.699	5.233		4.938	Backsight stadia = 5.371
18	5.095		.149			5.121		.150		Foresight Stadia = 5.373
	4.946		.150			4.971		.148		Total Stadia = 10.744
	4.796		.299			4.823		.298		= .68m.
	14.837	4.946		5.238		14.915	4.972		5.236	
19	5.030		.067		#19	6.172		.069		BM 2-3
	4.963		.066			6.103		.068		S.P.R.R. 355 ft N.W. of
	4.897		.133			6.035		.137		Shoemaker Ave
	14.890	4.963		5.371	74°	18.310	6.103		5.373	See F.B. 1203-9
		95.025					95.846			

F.B. 2856 P.G. 46

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: Hazy
Time: 9:05 - 10:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-3 To: BM 2-2A
Date: 10 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.213		.068		#19	5.073		.066		BM 2-3
	6.145		.068			5.007		.067		S.P.R.R. 355 ft. N. of
	6.077		.136			4.940		.133		Shoemaker Ave
	18.435	6.145		.136	76°	15.020	5.007		.133	See F.B. 1203-3
2	5.064		.147			5.038		.149		T Le Gault
	4.917		.147			4.889		.150		10 min Train delay
	4.770		.294			4.739		.299		
	14.751	4.917		.430		14.666	4.889		.432	
3	5.261		.091			5.228		.091		
	5.170		.090			5.137		.089		
	5.080		.181			5.048		.180		
	15.511	5.170		.611		15.413	5.138		.612	
4	4.873		.150			5.397		.149		
	4.723		.147			5.248		.148		
	4.576		.297			5.100		.297		
	14.172	4.724		.908		15.745	5.248		.909	
5	5.027		.147			5.245		.147		
	4.880		.149			5.098		.147		
	4.731		.296			4.951		.294		
	14.638	4.879		1.204		15.294	5.098		1.203	
		25.835					25.380			

F.B. 1235 P.G. 40

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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 9:05 - 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-3 To BM 2-2A
Date 11 July 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.183	25.835	.148	1.204		5.211	25.380	.148	1.203	
	5.035		.152			5.063		.149		
	4.883		.300			4.914		.297		
	15.101	5.034		1.504		15.188	5.063		1.500	
7	5.087		.147			5.102		.150		
	4.940		.149			4.952		.150		
	4.791		.296			4.802		.300		
	14.818	4.939		1.800		14.856	4.952		1.800	
8	5.068		.149			5.058		.149		
	4.919		.148			4.909		.148		
	4.771		.297			4.761		.297		
	14.758	4.919		2.097		14.728	4.909		2.097	
9	5.118		.149			5.050		.150		
	4.969		.148			4.900		.150		
	4.821		.297			4.750		.300		
	14.908	4.969		2.394		14.700	4.900		2.397	
10	5.123		.148			5.024		.150		
	4.975		.148			4.874		.150		
	4.827		.296			4.724		.300		
	14.925	4.975		2.690		14.622	4.874		2.697	
		50.671					50.078			

F.B. 2856 P.G. 50

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: 9:05 – 10:00 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-3 To: BM 2-2A
Date: 11 July 1961
Indexed: H. E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.199	50.671	.150	2.690		5.143	50.078	.150	2.697	
	5.049		.150			4.993		.150		
	4.899		.300			4.843		.300		
	15.147	5.049		2.990		14.979	4.993		2.997	
12	5.108		.148			5.271		.151		
	4.960		.149			5.120		.149		
	4.811		.297			4.971		.300		
	14.879	4.960		3.287		15.362	5.121		3.297	
13	5.061		.148			5.053		.150		
	4.913		.147			4.903		.148		
	4.766		.295			4.755		.298		
	14.740	4.913		3.582		14.711	4.904		3.595	
14	5.202		.150			5.097		.148		
	5.052		.148			4.949		.149		
	4.904		.298			4.800		.297		
	15.158	5.053		3.880		14.846	4.949		3.892	
15	5.153		.150			5.072		.149		
	5.003		.150			4.923		.148		
	4.853		.300			4.775		.297		
	15.009	5.003		4.180		14.770	4.923		4.189	
		76.649					74.968			

F.B. 2854 P.G. 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: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 9:05 - 10:00 — Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 2-3 To BM 2-2A
Date 11 July 1961
Indexed H. E. OD

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.128	75.649	.149	4.180		5.134	74.968	.150	4.189	Summation of Run
	4.979		.149			4.984		150		From B.M. 2-3
	4.830		.298			4.834		.300		To B.M. 2-2A
	14.937	4.979		4.478		14.952	4.984		4.489	Total Backsights = + 95.534
17	5.154		.149			5.071		.149		Total Foresights = − 94.718
	5.005		150			4.922		.149		Diff. Elev. = + 0.816
	4.855		.299			4.773		.298		
	15.014	5.005		4.777		14.766	4.922		4.787	Backsight stadia = 5.372
18	5.282		.148			5.232		.148		Foresight Stadia = 5.380
	5.134		.147			5.084		.146		Total Stadia = 10.752
	4.987		.295			4.938		.294		= .68 mi
	15.403	5.134		5.072		15.254	5.085		5.081	
19	4.917		.150		#19	4.909		150		BM 2-2A
	4.767		150			4.759		.149		S.P.R.R. and Carmenita
	4.617		.300			4.610		.299		Ave
	14.301	4.767		5.372	82°	14.278	4.759		5.380	see F.B. 2434-36
		95.534					94.718			

F.B. 2434 PG. 52

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 Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-3 To BM 2-4
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.195		.068		#19	5.053		.065		BM 2-3
	6.127		.069			4.988		.066		S. P. R. R. and Shemaker
	6.058		.137			4.922		.131		Ave
	18.380	6.127		.137	80°	14.963	4.988		.131	see F.B. 1203-9
2	5.152		.147			5.127		.150		π Rodriguez
	5.005		.147			4.977		.150		
	4.858		.294			4.827		.300		1 hr. for lunch
	15.015	5.005		.431		14.931	4.977		.431	
3	5.428		.089			4.838		.090		
	5.339		.092			4.748		.089		
	5.247		.181			4.659		.179		
	16.014	5.338		.612		14.245	4.748		.610	
4	5.262		.152			6.428		.146		
	5.110		.148			6.282		.147		
	4.962		.300			6.135		.293		
	15.334	5.111		.912		18.845	6.282		.903	
5	4.969		.147			4.011		.144		
	4.822		.149			3.867		.145		
	4.673		.296			3.722		.289		
	14.464	4.821		1.208		11.600	3.867		1.192	
		26402					24862			

F.B. 2856 P.G. 53

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 F. E. Brooks Time 11:45 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-3 To BM 2-4
Date 10 July 1961
Indexed B.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 26402	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 24862	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.079		.147	1.208		5.041		.148	1.192	
	4.932		.146			4.893		.145		
	4.787		.293			4.748		.293		
	14.798	4.933		1.501		14.682	4.894		1.485	
7	5.021		.149			4.627		.148		
	4.872		.147			4.479		.150		
	4.725		.296			4.329		.298		
	14.618	4.873		1.797		13.435	4.478		1.783	
8	5.171		.147			4.409		.144		
	5.024		.146			4.265		.146		
	4.878		.293			4.119		.290		
	15.073	5.024		2.090		12.793	4.264		2.073	
9	5.373		.146			4.559		.148		
	5.227		.148			4.411		.149		
	5.079		.294			4.262		.297		
	15.679	5.226		2.384		13.232	4.411		2.370	
10	5.589		.147			5.082		.147		
	5.442		.150			4.935		.147		
	5.292		.297			4.788		.294		
	16.323	5.441		2.681		14.805	4.935		2.664	
		51899					42844			

F.B. 2856 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 Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM2-3 To BM2-4
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean 51899	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean 47844	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.712		.145	2.681		4.823		.145	2.664	
	5.567		.148			4.678		.149		
	5.419		.293			4.529		.294		
	16.698	5.566		2.974		14.030	4.677		2.958	
12	5.599		.150			5.068		.147		
	5.449		.146			4.921		.149		
	5.303		.296			4.772		.296		
	16.351	5.450		3.270		14.761	4.920		3.254	
13	5.081		.148			5.372		.148		
	4.933		.146			5.224		.145		
	4.787		.294			5.079		.293		
	14.801	4.934		3.564		15.675	5.225		3.547	
14	5.148		.144			5.382		.145		
	5.004		.142			5.237		.144		
	4.862		.286			5.093		.289		
	15.014	5.005		3.850		15.712	5.237		3.836	
15	5.158		.147			4.953		.146		
	5.011		.146			4.807		.148		
	4.865		.293			4.659		.294		
	15.034	5.011		4.143		14.419	4.806		4.130	
		77865					72709			

F.B. 2852 P.G. 53

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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 11:45 - 2:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-3 To BM 2-4
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 77865	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 72709	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	5.543		.146	4.147		5.115		.147	4.130	
	5.397		.149			4.968		.146		
	5.248		.295			4.822		.293		
	16.188	5.396		4.438		14.905	4.968		4.423	
17	5.343		.146			5.015		.148		
	5.197		.148			4.867		.146		
	5.049		.294			4.721		.294		
	15.589	5.196		4.732		14.603	4.868		4.717	
18	4.854		.146			4.588		.149		
	4.708		.147			4.439		.150		
	4.561		.293			4.289		.299		
	14.123	4.708		5.025		13.316	4.439		5.016	
19	5.029		.147			4.822		.148		
	4.882		.150			4.674		.146		
	4.732		.297			4.528		.294		
	14.643	4.881		5.322		14.024	4.675		5.310	
20	5.231		.163			4.995		.160		
	5.068		.161			4.835		.160		
	4.907		.324			4.675		.320		
	15.206	5.069		5.646		14.505	4.835		5.630	
		103.15					96.494			

F.B. 2356 P.G. 56

76P526-CE 379—10-57

(11) 8-16-61

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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 11:45-2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-3 To BM 2-4
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean 103.115	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean 96.494	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
21	6.699		.056	5.646	F19	6.696		.057	5.630	BM 2-4
	6.643		.056			6.639		.054		S.P.R.R. and Bloomfield
	6.587		.112			6.585		.111		Ave
	19.929	6.643		5.758	BC	19.920	6.640		5.741	see F.B. 1203-10

Summation of Run
From B.M. 2-3
To B.M. 2-4

Total Backsights = + 109.758
Total Foresights = − 103.134
Diff. Elev. = + 6.624

Backsight stadia = 5.758
Foresight Stadia = 5.741
Total Stadia = 11.499
.73 mi.

F.B. 1231 P.G. 57

109.758 103.134

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 2:10 - 3:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM2-4 To BM 2-3
Date 10 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6.718		.054		#19	6.725		.057		BM 2-4
	6.664		.056			6.668		.056		S. P. R. R. and Bloomfield
	6.608		.110			6.612		.113		Ave
	19.990	6.663		.110	86°	20.005	6.668		.113	See F.B. 1203-10
2	4.952		.160			5.187		.163		T. Rodriguez
	4.792		.160			5.024		.162		
	4.632		.320			4.862		.325		
	14.376	4.792		.430		15.073	5.024		.438	
3	4.738		.150			4.948		.149		
	4.588		.146			4.799		.151		
	4.442		.296			4.648		.300		
	13.768	4.589		.726		14.395	4.798		.738	
4	4.589		.147			4.858		.150		
	4.442		.147			4.708		.149		
	4.296		.294			4.559		.299		
	13.326	4.442		1.020		14.125	4.708		1.037	
5	5.035		.147			5.364		.145		
	4.888		.149			5.219		.147		
	4.739		.296			5.072		.292		
	14.662	4.887		1.316		15.655	5.218		1.329	
		25.373					26.416			

F.B. 1256 P.G. 58

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 2:10 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-4 To BM 2-3
Date 10 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 25373	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 26416	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.114		.146	1.316		5.542		.147	1.329	
	4.968		.147			5.395		.147		
	4.821		.293			5.248		.294		
	14.903	4.968		1.609		16.185	5.395		1.623	
7	4.982		.147			5.188		.147		
	4.835		.147			5.041		.148		
	4.688		.294			4.893		.295		
	14.505	4.835		1.903		15.122	5.041		1.918	
8	5.202		.143			4.968		.143		
	5.059		.146			4.825		.143		
	4.913		.289			4.682		.286		
	15.174	5.058		2.192		14.475	4.825		2.204	
9	4.882		.149			4.588		.146		
	4.733		.145			4.442		.144		
	4.588		.294			4.298		.290		
	14.203	4.734		2.486		13.328	4.443		2.494	
10	5.089		.147			5.618		.149		
	4.942		.145			5.469		.147		
	4.797		.292			5.322		.296		
	14.828	4.943		2.778		16.409	5.470		2.790	
		49911					51390			

F.B. 2856 P.G. 59

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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: 2:10 - 3:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-4 To: BM 2-3
Date: 10 July 1961
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 49.911	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 5.590	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	4.789		.146	2.778		5.682		.147	2.790	
	4.643		.148			5.535		.149		
	4.495		.294			5.386		.296		
	13.927	4.642		3.072		16.603	5.534		3.086	
12	5.139		.148			5.645		.147		
	4.991		.146			5.498		.149		
	4.845		.294			5.349		.296		
	14.975	4.992		3.366		16.492	5.497		3.382	
13	4.561		.149			5.379		.147		
	4.412		.148			5.232		.149		
	4.264		.297			5.083		.296		
	13.237	4.412		3.663		15.694	5.23		3.678	
14	4.389		.142			5.149		.147		
	4.247		.146			5.002		.147		
	4.101		.288			4.855		.294		
	12.737	4.246		3.951		15.006	5.002		3.972	
15	4.619		.148			5.012		.147		
	4.471		.148			4.865		.147		
	4.323		.296			4.718		.294		
	13.413	4.471		4.247		14.595	4.865		4.266	
		72.674					77.719			

F.B. 2856 P.G. 60

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 2:10 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-4 To BM 2-3
Date 10 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 72674	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 77719	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	5.059		.148	4.247		5.095		.146	4.266	
	4.911		.147			4.949		.145		
	4.764		.295			4.804		.291		
	14.734	4.911		4.542		14.848	4.949		4.557	
17	4.015		.147			4.969		.144		
	3.868		.146			4.825		.146		
	3.722		.293			4.679		.290		
	11.605	3.868		4.835		14.473	4.824		4.847	
18	6.497		.148			5.324		.146		
	6.349		.146			5.178		.150		
	6.203		.294			5.028		.296		
	19.049	6.350		5.129		15.530	5.177		5.143	
19	4.923		.089			5.515		.091		
	4.834		.088			5.424		.089		
	4.746		.177			5.335		.180		
	14.503	4.834		5.306		16.274	5.425		5.323	
20	5.049		.147			5.075		.147		
	4.902		.151			4.928		.146		
	4.751		.298			4.782		.293		
	14.702	4.901		5.604		14.785	4.928		5.616	
		97538					103.022			

F.B. 2856 P.G. 61

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: 2:10 - 3:00 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM2-4 To: BM2-3
Date: 10 July 1961
Indexed: H. E. Om

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		97538					102022			
21	5.088		.073	5.604	#19	6.233		.076	5.616	BM2-3
	5.015		.072			6.157		.075		S.P.R.R. and Shoemaker
	4.943		.145			6.082		.151		Ave
	15046	5015		5.749	86°	18472	6157		5.767	see F.B. 1203-9

Summation-of-Run
From B.M. 2-4
To B.M. 2-3

Total Backsights = + 102.553
Total Foresights = − 109.179
Diff. Elev. = − 6.626

Backsight stadia = 5.749
Foresight Stadia = 5.767
Total Stadia = 11.516
= .73 mi

102553 — 109179

F.B. 1206 P.G. 27

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: Hazy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:15–11:05 — Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 2-4 To: BM 2-5
Date: 11 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	6.223		.145		#19	6.699		.149		BM 2-4
	6.078		.148			6.550		.145		S.P.R.R. and Bloomfield
	5.930		.293			6.405		.294		Ave
	18.231	6.077		.293	82°	16.654	6.551		.294	See F.B. 1203-10
2	5.132		.177			4.897		.119		TEsquer
	5.015		.116			4.778		.120		
	4.899		.233			4.658		.239		
	15.046	5.015		.526		14.333	4.778		.533	
3	5.421		.150			3.389		.148		
	5.271		.150			3.241		.146		
	5.121		.300			3.095		.294		
	15.813	5.271		.826		9.725	3.242		.827	
4	6.023		.148			4.549		.147		
	5.875		.150			4.402		.150		
	5.725		.298			4.252		.297		
	17.623	5.874		1.124		13.203	4.401		1.124	
5	5.342		.150			4.168		.146		
	5.192		.148			4.022		.149		
	5.044		.298			3.873		.295		
	15.578	5.193		1.422		12.063	4.021		1.419	
		27.430					21.993			

F.B. 1203 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: F. E. Brooks Weather: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 10:15 - 11:05 Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 2-4 To: BM 2-5
Date: 11 July 1961
Indexed: H. E. Om

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.808	27.430	.147	1.422		5.061	21.993	.150	1.419	
	5.661		.150			4.914		.149		
	5.511		.297			4.762		.299		
	16.980	5.660		1.719		14.734	4.911		1.718	
7	5.134		.149			5.081		.151		
	4.985		.146			4.930		.147		
	4.839		.295			4.783		.298		
	14.958	4.986		2.014		14.794	4.931		2.016	
8	5.323		.150			4.968		.147		
	5.173		.148			4.821		.151		
	5.025		.298			4.670		.298		
	15.521	5.174		2.312		14.459	4.820		2.314	
9	5.536		.150			4.927		.148		
	5.385		.146			4.779		.150		
	5.239		.296			4.629		.298		
	16.159	5.386		2.608		14.335	4.778		2.612	
10	5.769		.141			4.567		.149		
	5.628		.145			4.418		.150		
	5.483		.286			4.268		.299		
	16.880	5.627		2.894		13.253	4.418		2.911	
		54.263					45.857			

F.B. 2851 PG. 64

76P526-CE 379—10-57

O 8-16-61

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: F. E. Brooks — Time: 10:15 - 11:05 — Rod No.: 19 - 20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-4 To: BM 2-5
Date: 11 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.988	54.263	.147	2.894		4.956	45.851	.155	2.911	
	5.841		.148			4.801		.156		
	5.693		.295			4.645		.311		
	17.522	5.841		3.189		14.402	4.801		3.222	
12	5.240		.152			4.988		.146		Summation of Run
	5.088		.148			4.842		.146		From B.M. 2-4
	4.940		.300			4.696		.292		To B.M. 2-5
	15.268	5.089		3.489		14.526	4.842		3.514	
13	4.938		.078		#19	4.781		.073		BM 2-5
	4.860		.079			4.708		.077		S.P.R.R. 0.6 mi S.E. of
	4.781		.157			4.631		.150		S.P.R.R. station
	14.579	4.860		3.646	86°	14.120	4.707		3.164	See F.B. 1203-11
										Total Backsights = + 70.053
										Total Foresights = − 60.201
										Diff. Elev. = + 9.852
										Backsight stadia = 3.646
										Foresight Stadia = 3.664
										Total Stadia = 7.310
										= .46 mi
		70.053					60.201			

F.B. 1257 P.G. 65

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 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-5 To BM 2-4
Date 11 Jul 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4.890		.075		#19	5.043		.078		BM 2-5
	4.815		.075			4.965		.080		S.P.R.R. 0.6 mi S.E. of
	4.740		.150			4.885		.158		S.P.R.R. Station
	14.445	4.815		.150	86°	14.893	4.964		.158	See FB. 1203-11
2	4.938		.145			5.189		.149		π Esquer
	4.793		.145			5.040		.151		
	4.648		.290			4.889		.300		
	14.379	4.793		.440		15.118	5.039		.458	
3	4.913		.154			5.948		.149		
	4.759		.156			5.799		.149		
	4.603		.310			5.650		.298		
	14.275	4.758		.750		17.397	5.799		.756	
4	4.548		.150			5.751		.142		
	4.398		.150			6.609		.144		
	4.248		.300			5.465		.286		
	13.194	4.398		1.050		16.825	5.608		1.042	
5	4.820		.150			5.429		.150		
	4.670		.146			5.279		.149		
	4.524		.296			5.130		.299		
	14.014	4.671		1.346		15.838	5.279		1.341	
		23.435					26.689			

F.B. 1255 P.G. 66

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.: 15966
Notes by: F. E. Brooks — Time: 11:10 – 11:50 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-5 To: BM 2-4
Date: 17 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.981	23.435	.146	1.346		5.340	26.689	.150	1.341	
	4.835		.147			5.190		.149		
	4.688		.293			5.041		.299		
	14.504	4.835		1.639		15.571	5.190		1.640	
7	5.084		.149			6.135		.147		
	4.935		.147			4.988		.147		
	4.788		.296			4.841		.294		
	14.807	4.936		1.935		14.964	4.988		1.934	
8	5.118		.150			5.868		.149		
	4.968		.149			5.719		.149		
	4.819		.299			5.570		.298		
	14.905	4.968		2.234		17.157	5.719		2.232	
9	4.286		.146			5.458		.145		
	4.140		.150			5.308		.148		
	3.990		.296			5.160		.293		
	12.416	4.139		2.530		15.921	5.307		2.525	
10	4.610		.144			6.090		.148		
	4.466		.146			5.942		.144		
	4.320		.290			5.798		.292		
	13.396	4.465		2.820		17.830	5.943		2.817	
		46.778					53.836			

F.B. 1884 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: F. E. Brooks — Weather: Hazy — Inst. No. 15066
Notes by: E. E. Brooks — Time: 11:10 - 11:50 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-5 To: BM 2-4
Date: 11 JUN 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	3.470	46.778	.147	2.820		5.601	53.836	.150	2.817	
	3.323		.148			5.351		.150		
	3.175		.295			5.201		.300		
	9.968	3.323		3.115		16.053	5.351		3.117	
12	5.139		.120			5.378		.118		Summation of Run
	5.019		.120			5.260		.119		From B.M. 2-5
	4.899		.240			5.141		.237		To B.M. 2-4
	15.057	5.019		3.356		15.779	5.260		3.354	
13	5.949		.149		#19	6.441		.146		BM 2-4
	5.770		.146			6.295		.145		S.P.R.R. and Bloomfield
	5.624		.295			6.150		.291		Ave.
	17.313	5.771		3.650	86°	18.886	6.295		3.645	See F.B. 1203-12
F.B. 1205 P.G. 68										Total Backsights = + 60.891
										Total Foresights = − 70.742
										Diff. Elev. = −9.851
										Backsight stadia = 3.650
										Foresight Stadia = 3.645
										Total Stadia = 7.295
										.46 mi.
		60.891					70.742			

76P526-CE 379—10-57

(W) 8-16-61

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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: 1:15 - 1:35 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-5 To: BM 2-6
Date: 11 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.420		.149		#19	5.015		.147		BM 2-5
	5.271		.148			4.868		.147		S.P.R.R. 0.6 mi., S.E. of S.P.
	5.123		.297			4.721		.294		R.R. Sta
	15.814	5.271		.297	86°	14.604	4.868		.294	See F.B. 1203-11
2	5.840		.148			5.091		.148		T LeGault
	5.692		.144			4.943		.147		Summation of Run
	5.548		.292			4.796		.295		From B.M. 2-5
	17.080	5.693		.589		14.830	4.943		.589	To B.M. 2-6
3	5.203		.146			5.824		.146		Total Backsights = + 26.072
	5.057		.147			5.678		.148		Total Foresights = − 24.638
	4.910		.293			5.530		.294		Diff. Elev. = + 1.434
	15.170	5.057		.882		17.032	5.677		.883	
4	4.661		.073			4.315		.074		Backsight stadia = 1.382
	4.588		.075			4.241		.075		Foresight Stadia = 1.386
	4.513		.148			4.166		.149		Total Stadia = 2.768
	13.762	4.587		1.030		12.722	4.241		1.032	= .18 mi
5	5.640		.177		#19	5.086		.177		BM 2-6
	5.463		.175			4.909		.177		Norwalk Blvd and
	5.288		.352			4.732		.354		Firestone Blvd
	16.391	5.464		1.382	86°	14.727	4.909		1.386	See F.B. 1203-12
		26.072					24.638			

F.B. 1231 P.G. 69

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.: 13066
Notes by: F. E. Brooks — Time: 1135 - 1-50 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-6 To: BM2-5
Date: 11 JUN 1961
Indexed: M.E. Ott

Number of Station	BACKSIGHT Thread 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	5.105		.177		#19	5.662		.178		BM 2-6
	4.928		.177			5.484		.174		Norwalk Blvd and Firestone Blvd
	4.751		.354			5.310		.352		
	14.784	4.928		.354	86°	16.456	5.485		.352	See F.B. 1203-12
2	4.306		.075			4.649		.074		T LeGault
	4.231		.073			4.575		.074		Summation of Run
	4.158		.148			4.501		.148		From B.M. 2-6
	12.695	4.232		.502		13.725	4.575		.500	To B.M. 2-5
3	5.762		.145			5.143		.145		Total Backsights = + 24.714
	5.617		.148			4.998		.147		Total Foresights = − 26.144
	5.469		.293			4.851		.292		Diff. Elev. = − 1.430
	16.848	5.616		.795		14.992	4.997		.792	
4	5.144		.148			5.889		.147		Backs. = 1.384
	4.996		.148			5.742		.147		Foresight Stadia = 1.381
	4.848		.296			5.595		.294		Total Stadia = 2.765
	14.988	4.996		1.091		17.226	5.742		1.086	.18
5	5.088		.146		#19	5.493		.148		BM 2-5
	4.942		.147			5.345		.147		S.P.R.R. 0.6 mi. S.E. of S.P. R.R. Sta.
	4.795		.293			5.198		.295		
	14.825	4.942		1.384	88°	16.036	5.345		1.381	See F.B. 1203-11
		24.714					26.144			

F.B. 1256 PG. 70

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: Hazy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 1:10 - 7:25 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-6 To: BM 2-7
Date: 12 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.119		.176			5.677		.177		BM 2-6
	4.943		.179			5.500		.177		Norwalk Blvd and
	4.764		.355			5.323		.354		Firestone Blvd
	14.826	4.942		.355		16.500	5.500		.354	See F.B. 1203-12
2	5.344		.147			5.204		.147		T. LeGault
	5.197		.148			5.057		.149		
	5.049		.295			4.908		.296		
	15.590	5.197		.650		15.169	5.056		.650	
3	5.644		.147			5.133		.146		
	5.497		.149			4.987		.148		
	5.348		.296			4.839		.294		
	16.489	5.496		.946		14.959	4.986		.944	
4	4.874		.146			4.221		.150		
	4.728		.147			4.071		.148		
	4.581		.293			7.923		.298		
	14.183	4.728		1.239		12.215	4.072		1.242	
5	5.703		.146			4.778		.148		
	5.557		.149			4.630		.151		
	5.408		.295			4.479		.299		
	16.668	5.556		1.534		13.887	4.629		1.541	
		25.919					24.243			

F.B. 1257 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
Notes by: F. E. Brooks
Weather: Hazy
Time: 1:10 - 1:25
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-6 To: BM2-7
Date: 12 July 1961
Indexed: H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.091	25.919	.148	1.534		5.791	24.243	.144	1.541	
	4.943		.149			5.647		.148		
	4.794		.297			5.499		.292		
	14.828	4.943		1.831		16.937	5.646		1.833	
7	5.172		.023		#19	1.937		.037		BM 2-7
	5.149		.023			1.900		.037		Front St. and Glendale
	5.126		.046			1.863		.074		Ave
	15.447	5.149		1.877	84°	5.700	1.900		1.907	See F.B. 1203-13
										Summation of Run From B.M. 2-6 To B.M. 2-7
										Total Backsights = + 36.011 Total Foresights = − 31.789 Diff. Elev. = + 4.222
										Backsight stadia = 1.877 Foresight Stadia = 1.907 Total Stadia = 3.784 = .24 mi
		36.011					31.789			

F.B. 1256 P.G. 72

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: 2:00 – 2:15
Inst. No.: 75011
Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 2-7 To: BM 2-6
Date: 12 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.760		.037		#19	4.997		.024		BM 2-7
	1.723		.037			4.973		.024		Front St. and Clarkdale
	1.686		.074			4.949		.048		Ave
	5.169	1.723		.074	82°	14.919	4.973		.048	See F.B. 1203-13
2	5.807		.146			5.103		.148		T Le Gault
	5.661		.147			4.955		.148		
	5.514		.293			4.807		.296		
	16.982	5.661		.317		14.865	4.955		.344	
3	4.856		.148			5.783		.148		
	4.708		.150			5.635		.147		
	4.558		.298			5.488		.295		
	14.122	4.707		.665		16.906	5.635		.639	
4	4.218		.148			4.869		.148		
	4.070		.148			4.721		.148		
	3.922		.296			4.573		.296		
	12.210	4.070		.961		14.163	4.721		.935	
5	5.127		.143			5.651		.154		
	4.984		.141			5.497		.156		
	4.843		.284			5.341		.310		
	4.954	4.985		1.245		16.489	5.496		1.245	
		21.146					25.780			

F.B. 1251 P.G. 73

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: F. E. Brooks — Time: 2:00 – 2:15 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-7 To: BM 2-6
Date: 12 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.259	21.146	.148	1.245		5.400	25.780	.149	1.245	
	5.111		.147			5.251		.147		
	4.964		.295			5.104		.296		
	15.334	6.111		1.540		15.755	5.252		1.541	
7	5.678		.176		#19	5.124		.177		BM 2-6
	5.502		.176			4.947		.177		Norwalk Blvd and
	5.326		.352			4.770		.354		Firestone Blvd.
	16.506	5.502		1.892	84°	14.841	4.947		1.895	See F.B. 1203-12
										Summation of Run
										From B.M. 2-7
										To B.M. 2-6
										Total Backsights = + 31.759
										Total Foresights = − 35.979
										Diff. Elev. = − 4.220'
										Backsight stadia = 1.892
										Foresight Stadia = 1.895
										Total Stadia = 3.987
										= .24 mi.
		31.759					35.979			

F.B. 1205 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: F. E. Brooks Time: 1:30 – 1:40 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-7 To: BM 2-8
Date: 12 Jul 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.650		.020		#19	4.337		.020		BM 2-7
	1.630		.020			4.317		.019		Front St. and Clarkdale
	1.610		.040			4.298		.039		Ave Sec
	4.890	1.630		.040	84°	12.952	4.317		.039	FD. 1203-13
2	5.407		.148			5.087		.149		T LeGault
	5.259		.148			4.938		.147		
	5.111		.296			4.791		.296		
	15.777	5.259		.336		14.816	4.939		.335	
3	5.229		.115			5.207		.125		
	5.114		.113			5.082		.124		
	5.001		.228			4.958		.249		
	15.344	5.115		.564		15.247	5.082		.584	
4	5.552		.149			5.197		.150		
	5.403		.146			5.047		.148		
	5.257		.295			4.899		.298		
	16.212	5.404		.859		15.143	5.048		.882	
5	5.690		.148			5.323		.150		
	5.542		.149			5.173		.146		
	5.393		.297			5.027		.296		
	16.625	5.542		1.156		15.523	5.174		1.178	
		22.950					24.560			

F.B. 2851 P.G. 73

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 1:30-1:40 Rod No. 19-20

Name L.A. Co. Precise Level Nett
Job No. 0301.02
From BM2-7 To BM2-8
Date 12 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.401	22.950	.095	1.156	#19	2.467	24.560	.087	1.178	BM2-8
	5.306		.096			2.380		.086		San Antonio Dr. and
	5.210		.191			2.294		.173		Firestone Blvd
	15.917	5.306		1.347	82°	7.141	2.380		1.351	See F.B. 1203-14
		28.256					26.940			

Summation of Run
From B.M. 2-7
To B.M. 2-8

Total Backsights = + 28.256
Total Foresights = − 26.940
Diff. Elev. = + 1.316

Backsight stadia = 1.347
Foresight Stadia = 1.351
Total Stadia = 2.698
= .17 mi

F.B. 2856 P.G. 76

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: 1:45 – 2:00 — Rod No.: 19-20

L.A. Co. Precise Level Net.
Name:
Job No.: 0701.02
From: BM2-8 To: BM2-7
Date: 12 Jul. 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.505		.086		#19	5.441		.095		BM2-8
	2.419		.087			5.346		.095		San Antonio Dr. and
	2.332		.173			5.251		.190		Firestone Blvd.
	7.256	2.419		.173	82°	16.038	5.346		.190	See F.B. 1203-14
2	5.359		.149			5.724		.146		T. LeGault
	5.210		.148			5.578		.147		
	5.062		.297			5.431		.293		
	15.631	5.210		.470		16.733	5.578		.483	
3	5.202		.149			5.558		.148		
	5.053		.149			5.410		.148		
	4.904		.298			5.262		.296		
	15.159	5.053		.768		16.230	5.410		.779	
4	5.231		.124			5.254		.113		
	5.107		.124			5.141		.113		
	4.983		.248			5.028		.226		
	15.321	5.107		1.016		15.423	5.141		1.005	
5	5.111		.146			5.431		.148		
	4.965		.146			5.283		.148		
	4.819		.292			5.135		.296		
	14.895	4.965		1.308		15.849	5.283		1.301	
		22.754					26.758			

F.B. 1256 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: Hazy Inst. No.: 15066
Notes by: F. E. Brooks Time: 1:45 - 2:00 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.62
From: BM 2-8 To: BM 2-7
Date: 12 July 1961
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.468	22.754	.021	1.308	#19	1.779	26.758	.021	1.301	BM 2-7
	4.447		.021			1.758		.021		Front St. and Clarkdale
	4.426		.042			1.737		.042		Ave
	13.341	4.447		1.350	82°	5.274	1.758		1.343	See F.B. 1203-13

Summation of Run
From B.M. 2-8
To B.M. 2-7

Total Backsights = + 27.201
Total Foresights = − 28.516
Diff. Elev. = − 1.315

Backsight stadia = 1.350
Foresight Stadia = 1.343
Total Stadia = 2.693
= .17 mi.

27.201 28.516

F.B. 2856 P.G. 78

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: Cloudy Inst. No.: 15066
Notes by: F. E. Brooks Time: 8:25 - 9:05 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-8 To: BM 2-9
Date: 13 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.283		.022		#19	5.213		.022		BM 2-8
	2.261		.021			5.191		.022		San Antonio Dr. and
	2.240		.043			5.169		.044		Firestone Blvd.
	6.784	2.261		.043	70°	15.573	5.191		.044	See F.B. 1203-14
2	5.503		.146			5.731		.148		π LeGault
	5.357		.149			5.583		.147		
	5.208		.295			5.436		.295		
	16.068	5.356		.338		16.750	5.583		.339	
3	5.971		.133			5.296		.133		
	5.838		.134			5.163		.132		
	5.704		.267			5.031		.265		
	17.513	5.838		.605		15.490	6.163		.604	
4	5.718		.148			5.131		.150		
	5.570		.148			4.981		.150		
	5.422		.296			4.831		.300		
	16.710	5.570		.901		14.943	4.981		.904	
5	5.595		.131			5.008		.131		
	5.464		.131			4.877		.134		
	5.333		.262			4.743		.265		
	16.392	5.464		1.163		14.628	4.876		1.169	
		24.489					25.794			

F.B. 1203 P.G. 79

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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 8:25 - 9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-8 To BM 2-9
Date 13 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.849	24.489	.150	1.163		4.916	25.794	.149	1.169	
	6.699		.148			4.767		.149		
	6.551		.298			4.618		.298		
	17.099	6.700		1.461		14.301	4.767		1.467	
7	6.089		.147			4.271		.147		
	4.942		.147			4.124		.147		
	4.795		.294			3.977		.294		
	14.826	4.942		1.755		12.372	4.124		1.761	
8	6.240		.148			4.658		.149		
	6.092		.147			4.509		.148		
	4.945		.295			4.361		.297		
	15.277	5.092		2.050		13.528	4.509		2.058	
9	6.835		.144			3.937		.148		
	6.691		.142			3.789		.148		
	6.549		.286			3.641		.296		
	17.075	6.692		2.336		11.367	3.789		2.354	
10	4.775		.149			4.661		.149		
	4.626		.150			4.512		.147		
	4.476		.299			4.365		.296		
	13.877	4.626		2.635		13.538	4.513		2.650	
		50.541					47.492			

F.B. 1956 P.G. 80

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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 8:25 - 9:05 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 2-8 To BM 2-9
Date 13 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.130	50.541	.149	2.635		5.079	47.496	.150	2.650	
	4.981		.149			4.929		.149		
	4.832		.298			4.780		.299		
	14.943	4.981		2.933		14.788	4.929		2.949	
12	5.530		.149			5.422		.142		
	5.381		.148			5.280		.142		
	5.233		.297			5.138		.284		
	16.144	5.381		3.230		15.840	5.280		3.233	
13	5.183		.143			4.689		.145		
	5.040		.147			4.544		.144		
	4.893		.290			4.400		.289		
	15.116	5.039		3.520		13.633	4.544		3.522	
14	5.229		.144			4.854		.143		
	5.085		.143			4.711		.143		
	4.942		.287			4.568		.286		
	15.256	5.085		3.807		14.133	4.711		3.808	
15	5.331		.140			4.987		.141		
	5.191		.139			4.846		.141		
	5.052		.279			4.705		.282		
	15.574	5.191		4.086		14.538	4.846		4.090	
		76.248					71.806			

F.B. 2851 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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 8:25 - 9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From BM 2-8 To BM 2-9
Date 13 Jun 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.315	71.218	.144	4.086		4.951	71.806	.148	4.090	
	5.171		.143			4.803		.149		
	5.028		.289			4.654		.297		
	15.514	5.171		4.373		14.408	4.803		4.387	
17	5.609		.144		#19	5.501		.141		BM 2-9
	5.465		.144			5.360		.141		Norwalk Blvd and
	5.321		.288			5.219		.282		Imperial Hwy
	16.395	5.465		4.661	72°	16.080	5.360		4.669	See F.B. 1203-16

Summation of Run
From B.M. 2-8
To B.M. 2-9

Total Backsights = + 86.854
Total Foresights = − 81.969
Diff. Elev. = +4.885

Backsight stadia = 4.661
Foresight Stadia = 4.669
Total Stadia = 9.330
= .59 mi

86.854 81.969

F.B. 2861 P.G. 82

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: Cloudy Inst. No.: 15066
Notes by: F. E. Brooks Time: 9:10 – 9:45 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-9 To: BM 2-8
Date: 13 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.535		.143		#19	5.642		.143		BM 2-9
	5.392		.141			5.499		.143		Norwalk Blvd and Imperial Hwy.
	5.251		.284			5.356		.286		
	16.178	5.393		.284	72°	16.497	5.499		.286	See F.B. 1203-16
2	4.921		.149			5.282		.143		T. LeGault
	4.772		.148			5.139		.145		
	4.624		.297			4.994		.288		
	14.317	4.772		.581		15.415	5.138		.574	
3	4.930		.140			5.278		.139		
	4.790		.140			5.139		.140		
	4.650		.280			4.999		.279		
	14.370	4.790		.861		15.416	5.139		.853	
4	4.861		.142			5.233		.143		
	4.719		.143			5.090		.143		
	4.576		.285			4.947		.286		
	14.156	4.719		1.146		15.270	5.090		1.139	
5	4.643		.144			5.139		.145		
	4.499		.145			4.994		.144		
	4.354		.289			4.850		.289		
	13.496	4.499		1.435		14.983	4.994		1.428	
		24.172					25.860			

F.B. 1251 C.P.G. 93

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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 9:10 - 9:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 To BM 2-8
Date 13 July 1961
Indexed H. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.294	24.173	.143	1.435		5.398	25.860	.148	1.428	
	5.151		.143			5.250		.149		
	5.008		.286			5.101		.297		
	15.453	5.151		1.721		15.749	5.258		1.725	
7	5.081		.149			5.135		.147		
	4.932		.148			4.988		.148		
	4.784		.297			4.840		.295		
	14.797	4.932		2.018		14.963	4.988		2.020	
8	4.706		.147			4.817		.150		
	4.559		.149			4.667		.148		
	4.410		.296			4.519		.298		
	13.675	4.558		2.314		14.003	4.668		2.318	
9	3.906		.147			5.808		.145		
	3.759		.148			5.663		.143		
	3.611		.295			5.520		.288		
	11.276	3.759		2.609		16.991	5.664		2.606	
10	4.650		.147			6.231		.148		under Bridge
	4.503		.147			5.083		.147		
	4.356		.294			4.936		.295		
	13.509	4.503		2.903		15.250	5.083		2.901	
		47.076					51.513			

F.B. 2855 P.G. 84

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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 9:10 - 9:45 Rod No. 19-20

Name L.A. Co. Precise Level Nat
Job No. 0301.02
From BM 2-9 To BM 2-8
Date 13 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.262	47.076	.148	2.903		5.080	51.513	.145	2.901	
	4.114		.148			4.935		.145		
	3.966		.296			4.790		.290		
	12.342	4.114		3.199		14.805	4.935		3.191	
12	4.909		.150			5.838		.148		
	4.759		.149			5.690		.148		
	4.610		.299			5.542		.296		
	14.278	4.759		3.498		17.070	5.690		3.487	
13	5.101		.132			5.690		.130		
	4.969		.131			5.560		.130		
	4.838		.263			5.430		.260		
	14.908	4.969		3.761		16.680	5.560		3.747	
14	5.143		.152			5.728		.148		
	4.991		.150			5.580		.149		
	4.841		.302			5.431		.297		
	14.975	4.992		4.063		16.739	5.580		4.044	
15	5.232		.132			5.910		.134		
	5.100		.133			5.776		.134		
	4.967		.265			5.642		.268		
	15.299	5.100		4.328		17.328	5.776		4.312	
		71.010					79.054			

F.B. 2856 P.G. 85

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 Cloudy Inst. No. 15066
Notes by F. E. Brooks Time 9:10 - 9:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 To BM 2-8
Date 18 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.708	71.010	.149	4.328		5.479	79.054	.148	4.312	
	5.559		.149			5.331		.148		
	5.410		.298			5.183		.296		
	16.677	5.559		4.626		15.993	5.331		4.608	
17	5.160		.023		#19	2.230		.022		BM 2-8
	5.137		.021			2.208		.021		San Antonia Dr. and
	5.116		.044			2.187		.043		Norwalk Blvd.
	15.413	5.138		4.670	74°	6.625	2.208		4.651	See F.B. 1203-14
										Summation of Run
										From B.M. 2-9
										To B.M. 2-8
										Total Backsights = + 81.709
										Total Foresights = − 86.593
										Diff. Elev. = − 4.884
										Backsight stadia = 4.670
										Foresight Stadia = 4.651
										Total S' = 9.321
										= .59 mi
		81.709					86.593			

F.B. 2856 P.G. 86

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 Cloudy Inst. No. 15066
Notes by Esquer Time 10:00-10:40 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 To BM 2-9A
Date 7-13-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5551		149		#19	4890		147		BM 2-9
	5402		145			4743		146		Norwalk Blvd. &
	5257		294			4597		293		E. Imperial Hwy.
	16210	5403		294	76°	14230	4743		293	See F.B. 1203-16
2	5336		145			4890		144		
	5191		141			4746		145		T Le Gault
	5050		296			4601		289		
	15577	5192		590		14237	4746		582	
3	5601		142			4847		146		
	5459		143			4701		143		
	5316		295			4558		289		
	16376	5459		885		14106	4702		871	
4	5717		146			4878		149		
	5571		148			4729		147		
	5423		294			4582		296		
	16711	5570		1179		14189	4730		1167	
5	5019		147			4681		143		
	4872		144			4538		146		
	4728		291			4392		289		
	14619	4873		1470		13611	4537		1456	
		26.497					23.458			

F.B. 2864 P.G. 87

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 Cloudy Inst. No. 15066
Notes by Esquer Time 10:00-10:40 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 To BM 2-9A
Date 7-13-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5127	26.497	145	1472		4723	23.458	141	1456	
	4982		142			4582		141		
	4840		287			4441		282		
	14949	4983		1757		13746	4582		1738	
7	5331		143			4812		140		
	5188		143			4672		140		
	5045		286			4532		280		
	15564	5188		2043		14016	4672		2018	
8	5150		137			4488		148		
	5013		136			4340		148		
	4877		273			4192		296		
	15040	5013		2316		13020	4340		2314	
9	5223		143			4577		146		
	5080		142			4431		143		
	4938		285			4288		289		
	15241	5080		2601		13296	4432		2603	
10	5208		141			4719		146		
	5067		143			4573		142		
	4924		284			4431		298		
	15199	5066		2885		13723	4574		2901	
		51.827					46.058			

F.B. 2885 P.G. 88

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 Cloudy Inst. No. 15066
Notes by Esquer Time 10:00-10:40 Rod No. 19F20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 To BM 2-94
Date 7-13-61 H. E. OTT
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	5571	51.827	141	2885		4761	46.058	148	2901	
	5430		142			4613		148		
	5288		283			4465		296		
	16289	5430		3168		13839	4613		3197	
12	5511		151			4985		142		
	5360		151			4843		142		
	5209		302			4701		284		
	16080	5360		3470		14529	4843		3481	
13	5235		144			4736		143		
	5091		142			4593		141		
	4949		286			4452		284		
	15275	5092		3756		13781	4594		3765	
14	5458		145			4873		142		
	5313		142			4731		143		
	5171		287			4588		285		
	15942	5314		4043		14192	4731		4050	
15	5328		146			4471		146		
	5182		144			4325		146		
	5038		290			4179		292		
	15548	5183		4333		12975	4325		4342	
		78.206					69.164			

F.B. 1997 P.G. 99

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 cloudy Inst. No. 15066
Notes by Esquer Time 10:00 - 16:40 Rod No. 19820

Name ~~L.A. Co. Precise Level Net~~
Job No. 0301.02
From BM 2-9 To BM 2-9A
Date 7-13-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4971	78.206	148	4333		4553	69.164	148	4342	
	4823		148			4405		146		
	4675		296			4259		294		
	14469	4823		4629		13217	4406		4636	
17	5607		060			5915		057		BM 2-9A
	5547		059			5858		058		Norwalk Blvd. at Metropolitan
	5488		119			5800		115		State Hospital
	16642	5547		4748	76°	17573	5858		4751	See F.B. 2856-10

Summation of Run
From B.M. 2-9
To B.M. 2-9A

Total Backsights = + 88.576
Total Foresights = − 79.428
Diff. Elev. = + 9.148

Backsight stadia = 4.748
Foresight Stadia = 4.751
Total Stadia = 9.499
= .60 mi

F.B. 1856 PG. 90

88.576 79.428

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 Esquer Time 10:45-11:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9 A To BM 2-9
Date 1-13-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5871		058		#19	5563		059		BM 2-9 A
	5813		056			5504		059		Norwalk Blvd. at
	5757		114			5445		118		Metropaliton State Hospital
	17441	5814		114	76°	16512	5504		118	See F.B. 2856-10
2	4495		147			4911		148		
	4348		147			4763		150		T. LeGoult
	4201		294			4613		298		
	13044	4348		408		14287	4762		416	
3	4493		146			5351		144		
	4347		148			5207		146		
	4199		294			5061		290		
	13039	4346		702		15619	5206		706	
4	4840		143			5422		142		
	4697		144			5280		143		
	4553		287			5137		285		
	14090	4697		989		15839	5280		991	
5	4924		143			5426		145		
	4781		141			5281		142		
	4640		284			5139		287		
	14345	4782		1273		15846	5282		1278	
		23.987					26.074			

F.B. 2856 P.G. 91

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: Overcast Inst. No. N066
Notes by: Esquer Time: 10:45-11:25 Rod No. 19120

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-9A To: BM 2-9
Date: 7-13-61
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	5003	23.987	145	1273		5520	26.034	148	1278	
	4858		147			5372		147		
	4711		292			5225		295		
	14572	4857		1565		16117	5372		1573	
7	4671		150			5482		142		
	4521		148			5340		142		
	4373		298			5198		284		
	13565	4522		1863		16020	5340		1857	
8	4918		145			5406		143		
	4773		143			5263		141		
	4630		288			5122		284		
	14321	4774		2151		15791	5264		2141	
9	4848		145			5496		144		
	4703		145			5352		141		
	4558		290			5211		285		
	14109	4703		2441		16059	5353		2426	
10	4941		142			5611		142		
	4799		142			5469		142		
	4657		284			5327		284		
	14397	4799		2725		16407	5469		2710	
		47.642					52.832			

F.B. 2856 P.G. 92

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 overcast Inst. No. 15066
Notes by Esquer Time 10:45-11:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9A To BM 2-9
Date 7-13-61 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5149	47.642	141	2725		5668	52.832	144	2710	
	5008		140			5524		143		
	4868		281			5381		287		
	15025	5008		3006		16573	5524		2997	
12	5091		141			5492		142		
	4950		140			5350		143		
	4810		281			5207		285		
	14851	4950		3287		16049	5350		3282	
13	4998		146			5339		148		
	4852		142			5191		144		
	4710		288			5047		292		
	14560	4853		3575		15577	5192		3574	
14	4869		147			5709		148		
	4722		148			5561		148		
	4574		295			5413		296		
	14165	4722		3870		16683	5561		3870	
15	4770		145			5527		144		
	4625		144			5383		141		
	4481		289			5242		285		
	13876	4625		4159		16152	5384		4155	
		71.800					79.847			

F.B. 1855 P.G. 93

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 Esquer Time 10:45-11:25 Rod No. 19420

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9A To BM 2-9
Date 7-13-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4959	71.800	145	4159		5401	79.845	143	4155	
	4814		144			5258		145		
	4670		299			5113		288		
	14443	4814		4458		15772	5257		4443	
17	4877		148			5537		146		BM 2-9
	4729		148			5391		148		Norwalk Blvd. &
	4581		296			5243		294		E. Imperial Hwy.
	14187	4729		4754		16171	5390		4737	See F.B. 1203-16
										Summation of Run From B.M. 2-9A To B.M. 2-9
										Total Backsights = + 81.343 Total Foresights = − 90.490 Diff. Elev. = − 9.147
										Backsight stadia = 4.754 Foresight Stadia = 4.737 Total Stadia = 9.491 .60 mi
		81.343					90.490			

F.B. 1351 P.G. 94

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: 11:35 – 1:29 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-9A To: BM 2-10
Date: 13 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.015		.150		#19	4.691		.148		BM 2-9A
	5.865		.150			4.543		.150		Norwalk Blvd at Metropolitan
	5.715		.300			4.393		.298		State Hospital
	17.595	5.865		.300		13.627	4.542		.298	See F.B. 2856-10
2	6.007		.150			4.603		.149		T Rodriguez
	5.857		.150			4.454		.145		
	5.707		.300			4.309		.294		
	17.571	5.857		.600		13.366	4.455		.592	
3	6.963		.149			4.622		.150		
	5.814		.146			4.472		.149		
	5.668		.295			4.323		.299		
	17.445	5.815		.895		13.417	4.472		.891	
4	5.948		.146			4.969		.147		1 hr. for lunch
	5.802		.147			4.822		.149		
	5.655		.293			4.673		.296		
	17.405	5.802		1.188		14.464	4.821		1.189	
5	6.078		.150			4.748		.146		
	5.928		.146			4.602		.150		
	5.782		.296			4.452		.296		
	17.788	5.929		1.484		13.802	4.601		1.483	
		29.268					22.891			

F.B. 2854 P.G. 95

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 11:35-1:29 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-9A To BM 2-10
Date 13 July 1961
Indexed H. E. an

Number of Station	BACKSIGHT Thread 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	6.442	29.268	.143	1.484		4.767	22.891	.145	1.483	
	6.299		.145			4.622		.147		
	6.154		.288			4.475		.292		
	5.895	5.298		1.772		13.864	4.621		1.975	
7	5.878		.149			4.584		.146		
	5.729		.146			4.438		.145		
	5.583		.295			4.293		.291		
	17.190	5.730		2.067		13.315	4.438		2.066	
8	6.023		.149			4.928		.146		
	5.874		.147			4.782		.147		
	5.727		296			4.635		.293		
	17.624	5.875		2.363		14.345	4.782		2.359	
9	6.672		.144			4.423		.145		
	5.528		.145			4.278		.145		
	5.383		.289			4.133		.290		
	16.583	5.528		2.652		12.834	4.278		2.149	
10	5.759		.144			4.512		.145		
	5.615		.143			4.367		.145		
	5.472		287			4.222		.290		
	16.846	5.615		2.939		13.101	4.367		2.939	
		57.314					45.377			

F.B. 1851 P.G. 96

76P526-CE 379—10-57

(2) 8-16-61

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

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM2-9A To BM2-10
Date 13 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.468	57.314	.127	2.939	#19	6.005	45.377	.122	2.939	BM2-10
	5.341		.124			5.883		.120		Norwalk Blvd and
	5.217		.251			5.763		.242		Lakeland Rd.
	16.026	5.342		3.190	920	17.651	5.884		3.181	See FB 1203-17

Summation of Run
From B.M. 2-9A
To B.M. 2-10

Total Backsights = + 62.656
Total Foresights = − 51.261
Diff. Elev. = +11.395

Backsight stadia = 3.190
Foresight Stadia = 3.181
Total Stadia = 6.371
= .40 mi

F.B. 1256 P.G. 90

62.656 51.261

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: 1:30 – 2:05 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-10 To: BM 2-9A
Date: 13 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.025		.122		#19	5.488		.126		BM 2-10
	5.903		.120			5.362		.125		Norwalk Blvd and
	5.783		.242			5.237		.251		Lakeland Road
	17.711	5.904		.242	92°	16.087	5.362		.251	See F.B. 1203-17
2	4.611		.146			5.857		.146		T Rodriguez
	4.465		.146			5.711		.143		
	4.319		.292			5.568		.289		
	13.395	4.465		.534		17.136	5.712		.540	
3	4.427		.145			5.678		.146		
	4.282		.146			5.532		.145		
	4.136		.291			5.387		.291		
	12.845	4.282		.825		16.597	5.532		.831	
4	4.949		.147			6.045		.148		
	4.802		.144			5.897		.149		
	4.658		.291			5.748		.297		
	14.409	4.803		1.116		17.690	5.897		1.128	
5	4.611		.144			5.906		.148		
	4.467		.146			5.758		.147		
	4.321		.290			5.611		.295		
	13.399	4.466		1.406		17.275	5.758		1.423	
		23.920					28.261			

F.B. 1206 P.G. 98

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: 1:30 – 2:05
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-10 To: BM2-9A
Date: 13 July 1961
Indexed: H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.823	23.920	.146	1.406		5.497	28.261	.143	1.423	
	4.677		.145			5.354		.142		
	4.532		.291			5.212		.285		
	14.032	4.677		1.697		16.063	5.354		1.708	
7	4.832		.147			6.163		.149		
	4.685		.150			6.014		.146		
	4.535		.297			5.868		.295		
	14.052	4.684		1.994		18.045	6.015		2.005	
8	4.954		.146			6.932		.146		
	4.808		.147			5.786		.148		
	4.661		.293			5.638		.294		
	14.423	4.808		2.287		17.356	5.785		2.297	
9	4.631		.148			6.974		.145		
	4.483		.148			5.829		.147		
	4.335		.296			5.682		.292		
	13.449	4.483		2.583		17.485	5.828		2.589	
10	4.647		.148			6.049		.150		
	4.499		.148			5.899		.148		
	4.351		.296			5.751		.298		
	13.497	4.499		2.879		17.699	5.900		2.887	
		47.077					57.143			

F.B. 2851 P.G. 99

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 1:30 - 2:05
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-10 To BM 2-9A
Date 13 July 1961
Indexed N.E. Oth

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.622	47.071	.150	2.879		5.947	57.143	.150	2.887	BM 2-9A
	4.472		.149			6.797		.149		Norwalk Blvd at
	4.323		.299			5.648		.299		Metropolitan State Hospital
	13.417	4.472		3.178		17.392	5.797		3.186	See F.B. 2856-10
										Summation of Run
										From B.M. 2-10
										To B.M. 2-9A
										Total Backsights = + 51.543
										Total Foresights = − 62.940
										Diff. Elev. = − 11.397
										Backsight stadia = 3.178
										Foresight Stadia = 3.186
										Total Stadia = 6.364
										.40 m.
		51.543					62.940			

F.B. 2856 P.G. 100

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 8:10 - 8:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-10 To BM 2-11
Date 14 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.118		.147		#19	4.473		.144		BM 2-10
	6.971		.147			4.329		.147		Norwalk Blvd and
	6.824		.294			4.182		.291		Lakeland Rd.
	20.913	6.971		.294	72°	12.984	4.328		291	see F.B. 1203-17
2	5.595		.143			4.527		.145		π Le Gault
	5.452		.142			4.382		.143		
	5.310		.285			4.239		.288		
	16.357	5.452		.579		13.148	4.383		579	
3	5.857		.146			4.673		.144		
	5.711		.144			4.529		.146		
	5.567		.290			4.383		.290		
	17.135	5.712		869		13.585	4.528		869	
4	5.879		.145			4.634		.144		
	5.734		.144			4.490		.144		
	5.590		.289			4.346		.288		
	17.203	5.734		1.158		13.470	4.490		1157	
5	6.029		.145			5.176		.145		
	5.884		.143			5.031		.144		
	5.741		.288			4.887		.289		
	17.654	5.885		1.446		15.094	5.031		1.446	
		29.754					22.760			

F.B. 2856 P.G. 101

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: Overcast
Time: 8:10 - 8:55
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-10 To: BM2-11
Date: 14 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.531	29.754	.145	1.446		4.957	22.760	.143	1.446	
	5.386		.144			4.814		.143		
	5.242		.289			4.671		.286		
	16.159	5.386		1.735		14.442	4.814		1.732	
7	5.498		.146			5.106		.143		
	5.352		.144			4.963		.142		
	5.208		.290			4.821		.285		
	16.058	5.353		2.025		14.890	4.963		2.017	
8	5.477		.146			4.963		.144		
	5.331		.143			4.819		.147		
	5.188		.289			4.672		.291		
	15.996	5.332		2.314		14.454	4.818		2.308	
9	5.469		.146			4.879		.146		
	5.323		.145			4.733		.145		
	5.178		.291			4.588		.291		
	15.970	5.323		2.605		14.200	4.733		2.599	
10	5.327		.146			5.084		.146		
	5.181		.144			4.938		.147		
	5.037		.290			4.791		.293		
	15.545	5.182		2.895		14.813	4.938		2.892	
		56.330					47.026			

F.B. 2881 PG. 102

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: 8:10 - 8:55 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-10 To: BM 2-11
Date: 14 July 1961
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.476	5.330	.145	2.895		4.999	4.856	.144	2.892	
	5.331		.144			4.855		.145		
	5.187		.289			4.710		.289		
	15.994	5.33		3.184		14.564	4.855		3.181	
12	5.609		.147			5.052		.144		
	5.462		.144			4.908		.145		
	5.318		.291			4.763		.289		
	16.389	5.463		3.475		14.723	4.908		3.470	
13	5.573		.145			5.000		.148		
	5.428		.146			4.852		.146		
	5.282		.291			4.706		.294		
	16.283	5.428		3.766		14.558	4.853		3.764	
14	5.461		.144			4.869		.147		
	5.317		.145			4.722		.144		
	5.172		.289			4.578		.291		
	15.950	5.317		4.055		14.169	4.723		4.055	
15	5.552		.145			4.904		.145		
	5.407		.146			4.759		.146		
	5.261		.291			4.613		.291		
	16.220	5.407		4.346		14.276	4.759		4.346	
		83.276					71.124			

F.B. 1851 P.G. 103

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: Overcast
Time: 8:10 – 8:55
Inst. No.: 15026
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-10 To: BM 2-11
Date: 14 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
16	5.451	83.276	.143	4.346		4.929	71.124	.147	4.346
	5.308		.147			4.782		.145	
	5.161		.290			4.637		.292	
	15.920	5.307		4.636		14.348	4.783		4.638
17	6.706		.144			4.896		.145	
	5.562		.143			4.751		.142	
	5.419		.287			4.609		.287	
	16.687	5.562		4.923		14.256	4.752		4.925
18	5.663		.144			4.441		.143	
	5.519		.145			4.298		.145	
	5.374		.289			4.153		.288	
	16.556	5.519		5.212		12.892	4.297		5.213
19	5.662		.144			4.596		.146	
	5.518		.146			4.450		.147	
	5.372		.290			4.303		.293	
	16.552	5.517		5.502		13.349	4.450		5.506
20	5.572		.067		#19	6.030		.073	
	5.505		.068			5.957		.072	
	5.437		.135			5.885		.145	
	16.514	5.505		5.637	720	17.872	5.957		5.655
		110.686					95.363		

F.B. ~~2956~~ 1204 P.G.

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 2-10
To B.M. 2-11

Total Backsights = + 110.686
Total Foresights = – 95.363
Diff. Elev. = + 15.323

Backsight Stadia = 5637
Foresight Stadia = 5651
Total Stadia = 11,288
= .71 mi

BM 2-11
Norwalk Blvd and
Telegraph Rd.
See F.B. 1203-18

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: Overcast
Time: 9:00 – 9:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-11 To: BM 2-10
Date: 14 July 1961
Indexed: H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.060		.073		#19	5.601		.067		BM 2-11
	5.987		.073			5.534		.066		Norwalk Blvd and
	5.914		.146			5.466		.135		Telegraph Rd.
	17.961	5.987		.146	72°	16.601	5.534		.135	See F.B. 1203-18
2	4.602		.146			5.670		.145		TLeGauH
	4.456		.146			5.525		.145		
	4.310		.292			5.380		.290		
	13.368	4.456		.438		16.575	5.525		.425	
3	4.360		.142			5.583		.144		
	4.218		.145			5.439		.146		
	4.073		.287			5.293		.290		
	12.651	4.217		.725		16.315	5.438		.715	
4	4.957		.145			5.768		.146		
	4.812		.142			5.622		.142		
	4.670		.287			5.480		.288		
	14.439	4.813		1.012		16.870	5.623		1.003	
5	4.962		.145			5.487		.147		
	4.817		.146			5.340		.145		
	4.671		.291			5.195		.292		
	14.450	4.817		1.303		16.022	5.341		1.295	
		24.290					27.461			

F.B. 1851 P.G. 105

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: 9:00 - 9:40 Rod No.: 19-20

Name: LA. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-11 To: BM 2-10
Date: 14 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.956	24.290	.147	1.307		5.603	27.461	.145	1.295	
	4.809		.144			5.458		.146		
	4.665		.291			5.312		.291		
	14.430	4.810		1.594		16.373	5.458		1.586	
7	4.866		.146			5.459		.147		
	4.720		.144			5.312		.143		
	4.576		.290			5.169		.290		
	14.162	4.721		1.884		15.940	5.313		1.876	
8	5.020		.145			5.593		.144		
	4.875		.147			5.449		.145		
	4.728		.292			5.304		.289		
	14.623	4.874		2.176		16.346	5.449		2.165	
9	5.066		.146			5.620		.146		
	4.920		.143			5.474		.144		
	4.777		.289			5.330		.290		
	14.763	4.921		2.465		16.424	5.475		2.455	
10	4.948		.145			5.424		.143		
	4.803		.143			5.281		.144		
	4.660		.288			5.137		.289		
	14.411	4.804		2.753		15.842	5.281		2.742	
		48.420					54.437			

F.B. 2956 P.G. 106

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: Overcast
Time: 9:00 – 9:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-11 To: BM 2-10
Date: 14 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.978	48.420	.148	2.753		5.221	54.437	.145	2.742	
	4.830		.146			5.076		.145		
	4.684		.294			4.931		.290		
	44.92	4.831		3.047		15.228	5.076		3.032	
12	4.909		.147			5.498		.147		
	4.762		.145			5.351		.144		
	4.617		.292			5.207		.291		
	14.288	4.763		3.339		16.056	5.352		3.323	
13	4.892		.145			5.406		.146		
	4.747		.146			5.260		.143		
	4.601		.291			5.117		.289		
	14.240	4.747		3.630		15.783	5.261		3.612	
14	5.077		.145			5.469		.146		
	4.932		.141			5.323		.144		
	4.791		.286			5.179		.290		
	14.800	4.933		3.916		15.971	5.324		3.902	
15	4.998		.143			5.570		.143		
	4.855		.143			5.427		.145		
	4.712		.286			5.282		.288		
	14.565	4.855		4.202		16.279	5.426		4.190	
		72.549					80.876			

F.B. 2951 P.G. 16-17

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: 9:00 – 9:40 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-11 To: BM 2-10
Date: 14 July 1961
Indexed: H. E. Am

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
16	4.860	72.549	.145	4.202		5.713	80.876	.144	4.190
	4.715		.144			5.569		.143	
	4.571		.289			5.426		.287	
	14.146	4.715		4.491		16.708	5.569		4.477
17	4.612		.142			5.858		.146	
	4.470		.145			5.712		.144	
	4.325		.287			5.568		.290	
	13.407	4.469		4.778		17.138	5.713		4.767
18	4.708		.146			5.890		.143	
	4.562		.143			5.747		.146	
	4.419		.289			5.601		.289	
	13.689	4.563		5.067		17.238	5.746		5.056
19	5.120		.145			6.190		.146	
	4.975		.144			6.044		.143	
	4.831		.289			5.901		.289	
	14.926	4.975		5.356		18.135	6.045		5.345
20	4.440		.145		#19	7.083		.145	
	4.295		.145			6.938		.147	
	4.150		.290			6.791		.292	
	12.885	4.295		5.646	76°	20.812	6.937		5.637
		95.566					110.886		

F.B. 2867 P.G. 108

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 2-11
To B.M. 2-10

Total Backsights = + 95.566
Total Foresights = − 110.886
Diff. Elev. = − 15.320

Backsight stadia = 5.646
~~Foresight Stadia~~ = 5.637
Total Stadia = 11.283
= .71 mi

BM 2-10
Norwalk Blvd and
Lakeland Rd.
See F.B. 1203-17

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 9:55 – 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-11 To BM 2-12
Date 14 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.822		.149		#19	6.338		.149		BM 2-11
	6.673		.147			5.189		.147		Norwalk Blvd and
	5.526		.296			5.042		.296		Telegraph Rd.
	17.021	5.674		.296	76°	15.569	5.198		.296	See FB 1203-18
2	5.923		.146			4.902		.154		
	5.777		.149			4.748		.153		T Rodriguez
	5.628		.295			4.595		.307		
	17.328	5.776		.591		14.245	4.748		.603	
3	4.992		.141			4.899		.146		
	4.851		.143			4.753		.144		
	4.708		.284			4.609		.290		
	14.551	4.850		.875		14.261	4.754		.893	
4	5.495		.156			6.032		.150		
	5.339		.155			4.883		.150		
	5.184		.311			4.733		.300		
	16.018	5.339		1.186		14.649	4.883		1.193	
5	5.742		.150			4.199		.151		
	5.592		.150			4.048		.149		
	5.442		.300			3.899		.300		
	16.776	5.592		1.486		12.146	4.049		1.493	
		27.731					23.624			

F.B. 1257 P.G. 149

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: Overcast — 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 2-11 To: BM 2-12
Date: 14 July 1961
Indexed: F. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.958	27.231	.150	1.486		4.349	23.624	.150	1.493	
	5.808		.149			4.199		.148		
	5.659		.299			4.051		.298		
	17.425	5.808		1.785		12.599	4.200		1.791	
7	5.678		.150			4.433		.150		
	5.528		.149			4.283		.150		
	5.379		.299			4.133		.300		
	16.585	5.528		2.084		12.849	4.283		2.091	
8	5.688		.150			4.858		.150		
	5.538		.150			4.708		.150		
	5.388		.300			4.558		.300		
	16.614	5.538		2.384		14.124	4.708		2.391	
9	5.462		.149			4.675		.149		
	5.313		.151			4.526		.151		
	5.162		.300			4.375		.300		
	15.937	5.312		2.684		13.576	4.525		2.691	
10	5.397		.150			4.498		.149		
	5.247		.152			4.349		.150		
	5.095		.302			4.199		.299		
	15.739	5.246		2.986		13.046	4.349		2.990	
		54.663					45.689			

F.B. 2854 P.G. 110

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 Overcast
Time 9:55 – 10:30
Inst. No. 150LL
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-11 To BM 2-12
Date 14 July 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.411	54.663	.150	2.986		4.703	45.689	.149	2.990	
	5.261		.150			4.554		.149		
	5.111		.300			4.405		.298		
	15.783	5.261		3.286		13.662	4.554		3.288	
12	5.179		.148			4.864		.150		Summation of Run
	5.031		.152			4.714		.151		From B.M. 2-11
	4.879		.300			4.563		.301		To B.M. 2-12
	15.089	5.030		3.586		14.141	4.714		3.589	
13	5.251		.149			4.962		.151		Total Backsights = + 80.350
	5.102		.150			4.811		.152		Total Foresights = – 70.530
	4.952		.299			4.659		.307		Diff. Elev. = + 9.820
	15.305	5.102		3.885		14.432	4.811		3.892	
14	5.297		.149			4.893		.150		Backsight stadia = 4.437
	5.148		.159			4.743		.150		Foresight Stadia = 4.379
	4.999		.308			4.593		.300		Total Stadia = 8.816
	15.444	5.148		4.193		14.229	4.743		4.192	= .56 m.
15	5.268		.121		#19	6.112		.093		BM 2-12
	5.147		.123			6.019		.094		Norwalk Blvd and 4th
	5.024		.244			5.925		.187		3130 ± N. of Telegraph
	15.439	5.146		4.437	80°	18.056	6.019		4.379	Rd see F.B. 1203-19
		80.350					70.530			

F.B. 1195 P.G. 111

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: 10:35-11:15 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-12 To: BM 2+11
Date: 14 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.085		.100		#19	5.229		.116		BM 2-12
	5.985		.100			5.113		.112		Norwalk Blvd. and ¼ pt
	5.885		.200			5.001		.228		3130'± N. of Telegraph Rd
	17.955	5.985		.200	80°	15.343	5.114		.228	See FB 1203-19
2	5.022		.151			5.423		.149		
	4.871		.149			5.274		.147		T Rodriguez
	4.722		.300			5.127		.296		
	14.615	4.872		.500		15.824	5.275		.524	
3	5.059		.151			5.351		.150		
	4.908		.149			5.201		.149		
	4.759		.300			5.052		.299		
	14.726	4.909		.800		15.604	5.201		.823	
4	4.887		.152			5.201		.150		
	4.735		.150			5.051		.150		
	4.585		.302			4.901		.300		
	14.207	4.736		1.102		15.153	5.051		1.123	
5	4.723		.150			5.432		.150		
	4.573		.150			5.282		.150		
	4.423		.300			5.132		.300		
	13.719	4.573		1.402		15.846	5.282		1.423	
		25.075					25.923			

F.B. 1252 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
Notes by: F. E. Brooks
Weather: Overcast
Time: 10:35–11:15
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-12 To: BM 2-11
Date: 14 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.571	25.075	.150	1.402		5.467	25.923	.152	1.423	
	4.421		.150			5.315		.148		
	4.271		.300			5.167		.300		
	13.263	4.421		1.702		15.949	5.316		1.723	
7	4.705		.154			5.485		.146		
	4.551		.152			5.339		.144		
	4.399		.306			5.195		.290		
	13.655	4.552		2.008		16.019	5.340		2.013	
8	4.813		.149			5.643		.151		
	4.664		.156			5.492		.149		
	4.514		.299			5.343		.300		
	13.991	4.664		2.307		16.478	5.493		2.313	
9	4.447		.150			5.692		.150		
	4.297		.152			5.542		.150		
	4.145		.302			5.392		.300		
	12.889	4.296		2.609		16.626	5.542		2.613	
10	4.321		.152			5.925		.152		
	4.169		.148			5.773		.148		
	4.021		.300			5.625		.300		
	12.511	4.170		2.909		17.323	5.774		2.913	
		47.178					53.388			

F.B. 2854 P.G. 113

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: 10:35 - 11:15 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-12 To: BM 2-11
Date: 14 July 1961
Indexed: K.E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.219	4.178	.151	2.909		5.766	5.388	.149	2.913	
	4.068		.153			5.617		.149		
	3.915		.304			5.468		.298		
	12.202	4.067		2.213		16.851	5.617		3.211	Summation of Run
12	5.002		.150			5.462		.155		From B.M. 2-12
	4.852		.150			5.307		.155		To B.M. 2-11
	4.702		.300			5.152		.310		Total Backsights = + 70.829
	14.556	4.852		3.513		15.921	5.307		3.521	Total Foresights = − 80.654
13	4.918		.146			5.015		.143		Diff. Elev. = − 9.825
	4.772		.144			4.872		.143		
	4.628		.290			4.729		.286		Backsight stadia = 4.406
	14.318	4.773		3.803		14.616	4.872		3.807	Foresight Stadia = 4.399
14	4.962		.154			5.983		.149		Total Stadia = 8.805
	4.808		.153			5.834		.147		= .54 mi.
	4.655		.307			5.687		.296		
	14.425	4.808		4.110		17.504	5.835		4.103	
15	5.299		.149		#19	5.783		.148		BM 2-11
	5.150		.147			5.635		.148		Norwalk Blvd and Telegraph
	5.003		.296			5.487		.296		Rd.
	15.452	5.157		4.406	82°	16.905	5.635		4.399	See F.B. 1203-18
		70.829					80.654			

F.B. 2085 P.G. 114

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 Esquer Time 11:25 - 1:40 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-12 To BM 2-13A
Date 7-14-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6360		159		#19	4771		158		BM 2-12
	6201		159			4613		156		Norwalk Blvd. & 4 pt. 3130'±
	6042		318			4457		314		N. of Telegraph Rd.
	18603	6201		318	84°	13841	4614		314	See F.B. 1203-19
2	5025		150			4573		150		T Le Gault
	4875		150			4423		150		
	4725		300			4273		300		
	14625	4875		618		13269	4423		614	
3	5339		150			4683		151		
	5189		150			4532		149		
	5039		300			4383		300		
	15567	5189		918		13598	4533		914	
4	5450		149			5005		152		
	5301		150			4853		150		
	5151		299			4703		302		
	15902	5301		1217		14561	4854		1216	
5	5911		150			4978		149		
	5761		150			4829		149		
	5611		300			4680		298		
	17283	5761		1517		14487	4829		1514	
		27.327					43.257			

F.B. 1285 P.G. 115

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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 Esquer Time 11:25-1:40 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-12 To BM 2-13A
Date 7-14-61
Indexed H. E. Oh

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5400	27327	149	1517		4644	23253	151	1514	1 hr. lunch
	5251		151			4493		149		
	5100		300			4344		300		
	15751	5250		1817		13481	4494		1814	
7	5462		151			4892		150		
	5311		150			4742		150		
	5161		301			4592		300		
	15934	5311		2118		14226	4742		2114	
8	5268		149			4628		148		
	5119		150			4480		152		
	4969		299			4328		300		
	15356	5119		2417		13436	4479		2414	
9	5288		150			4531		150		
	5138		153			4381		150		
	4985		303			4231		300		
	15411	5137		2720		13143	4381		2714	
10	4799		149			5037		152		
	4650		150			4885		151		
	4500		299			4734		303		
	13949	4650		3019		14656	4885		3017	
		52.894					46.234			

F.B. 1856 P.G. 116

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 Esquer Time 11:25 - 1:40 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-12 To BM 2-15 A
Date 7-14-61
Indexed H. F. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5018	52.794	147	3019		5315	46.234	150	3017	
	4871		149			5165		150		
	4722		296			5015		300		
	14611	4870		3315		15495	5165		3317	
12	5030		150			5364		151		
	4880		150			5213		149		
	4730		300			5064		300		
	14640	4880		3615		15641	5214		3617	
13	4746		150			5087		150		
	4596		150			4937		150		
	4446		300			4787		300		
	13788	4596		3915		14811	4937		3917	
14	5030		150			5653		140		
	4880		150			5513		140		
	4730		300			5373		280		
	14640	4880		4215		16539	5513		4197	
15	6351		156			4097		150		
	6195		155			3947		146		
	6040		311			3799		296		
	18586	6195		4526		11843	3948		4493	
		78.215					71.011			

F.B. 2454 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 Sun Inst. No. 15066
Notes by Esquer Time 11:25 - 1:40 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-12 To BM 2-13A
Date 7-14-61
Indexed M. E. on

Number of Station	BACKSIGHT Thread 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	3721	78.215	147	4526		5645	71.011	152	4493	Summation of Run
	3574		146			5493		151		From B.M. 2-12
	3428		293			5342		303		To B.M. 2-13A
	10723	3574		4819		16480	5493		4796	
17	4307		148			6043		156		Total Backsights = + 95.156
	4159		150			5887		154		Total Foresights = − 91.713
	4009		298			5733		310		Diff. Elev. = + 3.443
	12475	4158		5117		17663	5888		5106	
18	4263		151			5823		150		Backsight Stadia = 5584
	4112		148			5673		148		Foresight Stadia = 5572
	3964		299			5525		298		Total Stadia = 11,156
	12339	4113		5416		17021	5674		5404	.71 mi.
19	5180		084			3731		083		BM 2-12 ? 13 A
	5096		084			3648		085		Norwalk Blvd. & P.E.R.R.
	5012		168			3563		168		
	15288	5096		5584	84°	10942	3647		5572	see F.B. 2856 - 8
		95.156					91.713			

F.B. 2856 P.G. 118

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: 8:15 - 9:00
Inst. No.: 15066
Rod No.: 19720

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-13 A To: BM 2-12
Date: 17 July 1961
Indexed: H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3.760		.083		#19	5.210		.083		BM 2-13 A
	3.677		.084			5.127		.086		Norwalk Blvd. & P.E.R.R.
	3.593		.167			5.041		.169		
	11.030	3.677		.167	76°	15.378	5.126		.169	See F.B. 2856-8
2	5.797		.149			4.234		.148		
	5.648		.149			4.086		.149		TI Le Gault
	5.499		.298			3.937		.297		
	16.944	5.648		.465		12.257	4.086		.466	
3	5.922		.154			4.190		.149		
	5.768		.153			4.041		.151		
	5.615		.307			3.890		.300		
	17.305	5.768		.772		12.121	4.040		.766	
4	5.684		.152			3.958		.148		
	5.532		.151			3.610		.148		
	5.381		.303			3.465		.293		
	16.597	5.532		1.075		10.833	3.611		1.059	
5	4.221		.148			6.480		.157		
	4.073		.147			6.323		.155		
	3.926		.295			6.168		.302		
	12.220	4.073		1.370		18.971	6.324		1.361	
		24.698					23.187			

F.B. 2856 P.G. 119

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 8:15- Rod No. 19720

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-13A To BM 2-12
Date 17 July 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.657	24.698	.140	1.370		5.032	23.187	.150	1.361	
	5.517		.139			4.882		.151		
	5.378		.279			4.731		.301		
	16.552	5.517		1.649		14.645	4.882		1.662	
7	5.154		.150			4.818		.151		
	5.004		.150			4.667		.150		
	4.854		.300			4.517		.301		
	15.012	5.004		1.949		14.002	4.667		1.963	
8	5.339		.149			5.002		.151		
	5.190		.150			4.851		.149		
	5.040		.299			4.702		.300		
	15.569	5.190		2.248		14.555	4.851		2.263	
9	5.379		.151			5.088		.149		
	5.228		.150			4.939		.149		
	5.078		.301			4.790		.298		
	15.685	5.228		2.549		14.817	4.939		2.561	
10	5.188		.151			4.948		.150		
	5.037		.151			4.798		.150		
	4.886		.302			4.648		.300		
	15.111	5.037		2.851		14.394	4.798		2.861	
		50.674					47.374			

F.B. 2851 PG. 120

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: 8:15 - 9:00 Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-13A To: BM 2-12
Date: 17 July 1961
Indexed: H. S. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.680	50.674	.150	2.851		5.441	47.324	.151	2.861	
	4.530		.149			5.290		.150		
	4.381		.299			5.140		.301		
	13.591	4.530		3.150		15.871	5.290		3.162	
12	4.753		.149			5.390		.149		
	4.604		.148			5.241		.150		
	4.456		.297			5.091		.299		
	13.813	4.604		3.447		15.722	5.241		3.461	
13	4.846		.153			5.417		.150		
	4.693		.151			5.267		.149		
	4.542		.304			5.118		.299		
	14.081	4.694		3.751		15.802	5.267		3.760	
14	4.698		.150			5.451		.150		
	4.548		.150			5.301		.150		
	4.398		.300			5.151		.300		
	13.644	4.548		4.051		15.903	5.301		4.060	
15	4.930		.151			5.863		.150		
	4.779		.149			5.713		.148		
	4.630		.300			5.565		.298		
	14.339	4.780		4.351		17.141	5.714		4.358	
		73.830					74.137			

F.B. 1961 P.G. 121

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: 8:15 - 9:00
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-13A To: BM 2-12
Date: 17 July 196
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.958	73.830	.151	4.351		5.399	74.137	.150	4.358	Summation of Run
	4.807		.151			5.249		.149		From B.M. 2-13A
	4.656		.302			5.100		.299		To B.M. 2-12
	14.421	4.807		4.653		15.748	5.249		4.657	
17	4.600		.150			5.257		.149		Total Backsights = + 92.005
	4.450		.150			5.108		.150		Total Foresights = − 95.450
	4.300		.300			4.958		.299		Diff. Elev. = − 3.445
	13.350	4.450		4.953		15.323	5.108		4.956	
18	4.558		.150			5.005		.148		Backsight stadia = 5.567
	4.408		.150			4.857		.151		Foresight Stadia = 5.573
	4.258		.300			4.706		.299		Total Stadia = 11.140
	13.224	4.408		5.253		14.568	4.856		5.255	.71 mi.
19	4.667		.156		#19	6.259		.158		BM 2-12
	4.511		.158			6.101		.160		Norwalk Blvd. & Apt.
	4.353		.314			5.941		.318		3130'± N. of Telegraph Rd.
	13.531	4.510		5.567	76°	18.301	6.100		5.573	See F.B. 1203-19
		92.005					95.450			

F.B. 1203 P.G. 122

76P526-CE 379---10-57

8-16-61

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 Hazy Inst. No. 15066
Notes by Esquer Time 9:15- Rod No. 19920

Name L.A. Co. Precise Level Net
Job No. 030102
From BM 2-13A To BM 2-13B
Date 7-17-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3778		078		#19	4819		077		BM 2-13 A
	3700		076			4742		078		Norwalk Blvd and
	3624		154			4664		155		P.E. R.R.
	11102	3701		154		14225	4742		155	See FB. 2856-8
										BM 2-13 B
										Norwalk Blvd and
										P.E. R.R.
										See F.B. 2856-8
										T LeGoult
										Summation of Run
										From B.M 2-13 A
										To B.M 2-13 B
										Total Backsights = + 3.701
										Total Foresights = - 4.742
										Diff. Elev. = - 1.041
										Backsight stadia = .154
										Foresight Stadia = .155
										Total Stadia = .309
										.02 mi

F.B. 2856 P.G. 123

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 Esquer Time 16:10 Rod No. 19220

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-13B To BM 2-13A
Date 7-17-61 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4942		078		#19	390.3		077		BM 2-13B
	4864		078			3826		079		Norwalk Blvd and
	4786		156			3747		156		P.E.R.R.
	14592	4864		156	80°	11.476	3.825		156	See F.B. 2856-8
										BM 2-13 A
										Norwalk Blvd and
										P.E.R.R.
										See F.B. 2856-8
										T Rodriguez
										Summation of Run
										From B.M. ~~2-13B~~
										To B.M. 2-13A
										Total Backsights = + 4864
										Total Foresights = − 3825
										Diff. Elev. = +1.039
										Backsight stadia = .156
										Foresight Stadia = .156
										Total Stadia = .312
										= .02 mi.

F.B. 2856 P.G. 124

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 Esquer Time 9:20 - 9:45 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-13B To BM 2-14
Date 7-17-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5580		148		#19	5243		151		BM 2-13B
1	5432		147			5092		151		Norwalk Blvd and
	5285		295			4941		302		P.E. R.R.
	16297	5432		2955	76°	15276	5092		302	See F.B. 2856-8
	5365		146			5507		148		
2	5219		148			5359		149		T Le Goult
	5071		294			5210		297		
	15655	5218		589		16076	5359		599	
	5836		133			6088		133		
3	5703		130			5955		132		
	5573		263			5823		265		
	17112	5704		852		17866	5955		854	
	5682		150			5923		150		
4	5532		150			5773		147		
	5382		300			5626		297		
	16596	5532		1152		17322	5774		1151	
	5610		151			5461		150		
5	5459		151			5311		149		
	5308		302			5162		299		
	16377	5459		1454		15934	5311		1450	
		27.345					27.491			

F.B. 2856 P.G. 125

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

L.A. Co. Precise Level Net

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by Esquer Time 9:20 - 9:45 Rod No. 19820

Name
Job No. 0301.02
From BM 2-13 B To BM 2-14
Date 7-17-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4832	27.345	148	1454		4690	27.491	150	1450	Summation of Run
	4684		147			4540		148		From B.M. 2-13B
	4537		295			4392		298		To B.M. 2-14
	14053	4684		1749		13622	4541		1748	
7	5117		148			5146		145		Total Backsights = + 46.000
	4969		149			5001		143		Total Foresights = − 48.250
	4820		297			4858		288		Diff. Elev. = − 2.250
	14906	4969		2046		15005	5002		2036	
8	4537		148			4924		146		Backsight stadia = 2.592
	4389		148			4778		147		Foresight Stadia = 2.578
	4241		296			4631		293		Total Stadia = 5.170
	13167	4389		2342		14333	4778		2329	= .33 mi.
9	4738		126			6562		124		BM 2-14
	4612		124			6438		125		Norwalk Blvd. &
	4488		250			6313		249		Slauson Ave.
	13838	4613		2592	180°	19313	6438		2578	See F.B. 1203-21
		46.000					48.250			

F.B. 2856 P.G. 121

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
Notes by: Esquer
Weather: Hazy
Time: 9:45-10:10
Inst. No.: 15066
Rod No.: 19920

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-14 To: BM 2-13B
Date: 7-17-61
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6652		125		#19	4831		128		BM 2-14
	6527		124			4703		124		Norwalk Blvd. &
	6403		249			4579		252		Slauson Ave.
	19582	6527		249	80°	14113	4704		252	See F.B. 1203-21
2	5014		146			4625		148		
	4868		146			4477		148		T Rodriguez
	4722		292			4329		296		
	14604	4868		541		13431	4477		548	
3	5203		144			5178		148		
	5059		144			5030		148		
	4915		288			4882		296		
	15177	5059		829		15090	5030		844	
4	4728		150			4867		148		
	4578		150			4719		147		
	4428		300			4572		295		
	13734	4578		1129		14158	4719		1139	
5	5318		150			5468		157		
	5168		149			5317		151		
	5019		299			5166		302		
	15505	5168		1428		15951	5317		1441	
		26.200					24.244			

F.B. 1256 P.G. 125

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Hazy Inst. No. 15066
Notes by Esquer Time 9:45-10:10 Rod No. 19620

LA. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-14 To BM 2-13B
Date 7-17-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5722	26.200	151	1428		5474	24.247	146	1441	Summation of Run
	5571		148			5328		149		From B.M. 2-14
	5423		299			5179		295		To B.M. 2-13B
	16716	5572		1727		15981	5327		1736	
7	6127		132			5878		131		Total Backsights = + 48.194
	5995		132			5747		133		Total Foresights = − 45.948
	5863		264			5614		264		Diff. Elev. = + 2.246
	17985	5995		1991		17239	5746		2000	
8	5548		147			5408		149		Backsight stadia = 2.586
	5401		149			5259		148		Foresight Stadia = 2.591
	5252		296			5111		297		Total Stadia = 5.177
	16201	5400		2287		15778	5259		2297	= .33 mi.
9	5177		150			5516		147		BM 2-13B
	5027		149			5369		147		Norwalk Blvd and
	4878		299			5222		294		P.E. R.R.
	15082	5027		2586	80°	16107	5369		259	See F.B.
		48.194					45.948			

F.B. 2857 P.G. 128

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
Notes by: F. E. Brooks
Weather: Hazy
Time: 10:30 - 11:05
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 2-14 To: BM 2-14A
Date: 17 July 1961
Indexed: H.E.M.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.150		.123		#19	6.150		.120		BM 2-14
	7.027		.124			6.030		.120		Norwalk Blvd and
	6.903		.247			4.910		.240		Slauson Ave
	21.080	7.027		.247	80°	16.090	5.030		.240	See F.B. 1203-21
2	6.364		.151			5.324		.149		
	6.213		.147			5.175		.149		T. LeGault
	6.066		.298			5.026		.298		
	18.643	5.214		.545		15.525	5.175		.538	
3	4.923		.148			4.720		.149		
	4.775		.147			4.571		.147		
	4.628		.295			4.424		.296		
	14.326	4.775		.840		13.715	4.572		.834	
4	6.328		.147			6.191		.145		
	6.181		.147			5.046		.147		
	6.034		.294			4.899		.292		
	15.543	5.181		1.134		15.136	5.045		1.126	
5	4.682		.147			4.348		.147		
	4.535		.149			4.201		.145		
	4.386		.296			4.056		.292		
	13.603	4.534		1.430		12.605	4.202		1.418	
		26.931					24.024			

F.B. 2957 P.G. 129

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
Notes by E. E. Brooks
Weather Hazy
Time 10:30 - 11:05
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-14 To BM 2-14A
Date 17 Jun 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.620	26.731	.149	1.430		4.260	24.024	.148	1.418	
	4.471		.146			4.112		.146		
	4.325		.295			3.966		.294		
	13.416	4.472		1.725		12.338	4.113		1.712	
7	4.564		.147			4.263		.149		
	4.417		.148			4.114		.148		
	4.269		.295			3.966		.297		
	13.250	4.417		2.020		12.343	4.114		2.009	
8	4.541		.147			4.303		.146		
	4.394		.146			4.157		.148		
	4.248		.293			4.009		.294		
	13.183	4.394		2.313		12.469	4.156		2.303	
9	5.053		.145			4.822		.143		
	4.908		.147			4.679		.144		
	4.761		.292			4.535		.287		
	14.722	4.907		2.605		14.036	4.679		2.590	
10	5.471		.149			4.924		.146		
	5.322		.145			4.778		.148		
	5.175		.294			4.630		.294		
	15.968	5.323		2.899		14.332	4.777		2.884	
		50.244					46.863			

F.B. 2256 P.G. 130

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 Hazy Inst. No. 15066
Notes by R. E. Brooks Time 10:30-11:05 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM2-14 To BM2-14A
Date 17 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.241	50.244	.147	2.899		4.906	45.805	.146	2.884	
	5.094		.146			4.760		.149		
	4.948		.293			4.611		.295		
	15.283	5.094		3.192		14.277	4.759		3.179	
12	5.212		.145			4.855		.147		
	5.067		.149			4.708		.148		
	4.918		.294			4.560		.295		
	15.197	5.066		3.486		14.123	4.708		3.474	
13	5.200		.147			4.820		.152		
	5.053		.146			4.668		.151		
	4.907		.293			4.517		.303		
	15.160	5.053		3.779		14.005	4.668		3.777	
14	5.472		.145			4.999		.150		
	5.327		.147			4.849		.149		
	5.180		.292			4.700		.299		
	15.979	5.326		4.071		14.548	4.849		4.076	
15	5.514		.146			4.982		.147		
	5.368		.147			4.835		.147		
	5.221		.293			4.688		.294		
	16.103	5.368		4.364		14.505	4.835		4.370	
		76.157					69.682			

F.B. 2856 P.G. 131

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 10:30 - 11:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-14 To BM 2-14A
Date 17 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5.393	76.151	.061	4.364		5.231	69.682	.062	4.370	
	5.332		.061			5.169		.062		
	5.271		.122			5.107		.124		
	15.996	5.332		4.486		15.507	5.169		4.494	
17	4.788		.156			3.617		.156		BM 2-14A Norwalk Blvd and Washington St. See F.B. 2856-9
	4.632		.155			3.461		.158		
	4.477		.311			3.303		.314		
	13.897	4.632		4.797		10.381	3.460		4.808	
										Summation of Run From B.M. 2-14 To B.M. 2-14A
										Total Backsights = + 86.115
										Total Foresights = − 78.311
										Diff. Elev. = + 7.804
										Backs = 4.797
										Foresight Stadia = 4.808
										Total Stadia = 9.605
										= .61 mi.
		86.115					78.311			

F.B. 2856 P.G. 132

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM2-14A To BM2-14
Date 17 July 1961 H. E. Ott
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3.612		.154		#19	4.787		.156		BM2-14A
	3458		.157			4.631		.154		Norwalk Blvd and
	3.301		.301			4.477		.310		Washington St.
	10.371	3.457		.311	86	13.895	4.632		.310	See F.B. 2856-9
2	5.186		.063			5.346		.062		
	5.123		.061			5.284		.061		T LeGault
	5.062		.124			5.223		.123		
	15.371	5.124		.435		15.853	5.284		433	
3	5.006		.146			5.542		.146		
	4.860		.148			5.396		.146		
	4.712		.294			5.250		.292		
	14.578	4.859		.729		16.188	5.396		.725	
4	4.935		.148			5.407		.146		
	4.787		.148			5.261		.147		
	4.639		.296			5.114		.293		
	14.361	4.787		1.025		15.782	5.261		1.018	
5	5.131		.149			5.520		.149		
	4.982		.149			5.371		.148		
	4.833		.298			5.223		.297		
	14.946	4.982		1.323		16.114	5.371		1.315	
		23.209					~~25.900~~			

F.B. 2856 P.G. 133

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-14A To BM 2-14
Date 17 July 1961
Indexed H. E. O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 25.944	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.916	23.209	.148	1.323		5.272	~~25.900~~	.147	1.315	
	4.768		.149			5.125		.146		
	4.619		.297			4.979		.293		
	14.303	4.768		1.620		15.376	5.125		1.608	
7	4.988		.148			5.327		.146		
	4.840		.148			5.181		.146		
	4.692		.296			5.035		.292		
	14.520	4.840		1.916		15.543	5.181		1.900	
8	4.762		.148			5.306		.147		
	4.614		.146			5.159		.148		
	4.468		.294			5.011		.295		
	13.844	4.615		2.210		15.476	5.159		2.195	
9	4.833		.142			5.070		.147		
	4.691		.144			4.923		.147		
	4.547		.286			4.776		.294		
	14.071	4.690		2.496		14.769	4.923		2.489	
10	4.390		.148			4.626		.148		
	4.242		.146			4.478		.147		
	4.096		.294			4.331		.295		
	12.728	4.243		2.790		13.435	4.478		2.784	
		46.365					~~50.774~~ 50.810			

F.B. 2866 P.G. 134

6433

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM Z-14A To BM Z-14
Date 17 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 50.810	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	4.241	46.365	.149	2.790		4.546	~~50.774~~	.147	2.784	
	4.092		.147			4.399		.148		
	3.945		.296			4.251		.295		
	12.278	4.093		3.086		13.196	4.399		3.079	
12	4.241		.148			4.598		.148		
	4.093		.146			4.450		.147		
	3.947		.294			4.303		.295		
	12.281	4.094		3.380		13.351	4.450		3.374	
13	4.328		.148			4.666		.148		
	4.180		.146			4.518		.147		
	4.034		.294			4.371		.295		
	12.542	4.181		3.674		13.555	4.518		3.669	
14	5.181		.144			5.312		.149		
	5.037		.146			5.168		.148		
	4.891		.290			5.020		.297		
	15.109	5.036		3.964		15.505	5.168		3.966	
15	4.746		.150			4.947		.148		
	4.590		.147			4.799		.148		
	4.443		.297			4.651		.296		
	13.773	4.591		4.261		14.397	4.799		4.262	
		68.360					~~74.108~~			

F.B. 2856 P.G. 135

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

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-14A To BM 2-14
Date 17 July 1961
Indexed H.E.O.M.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
							~~74.144~~			
16	5.247	68.360	.150	4.261		5.282	~~74.108~~	.150	4.262	
	5.097		.150			5.132		.148		
	4.947		.300			4.984		.298		
	15.291	5.097		4.561		15.398	5.133		4.560	
17	5.060		.122		#19	7.062		.123		BM 2-14
	4.938		.121			6.939		.123		Norwalk Blvd and Slauson
	4.817		.243			6.816		.246		Ave
	14.815	4.938		4.804	-88°	20.817	6.939		4.806	See F.B. 1203-21
										Summation-of-Run
										From B.M. 2-14A
										To B.M. 2-14
							+78.395			Total Backsights = 78.395
							-86.216			Total Foresights = -86.180
							-7.821			Diff. Elev. = -.036
										7.785
										Backsight stadia = 4.804
										Foresight Stadia = 4.806
										Total Stadia = 9.610
										= .61 mi.
		78.395					~~86.180~~ 86.216			

F.B. 2056 P.G. 136

40

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 1:05 - 1:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-14A To BM 2-15
Date 17 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3.978		.140		#19	4.679		.148		BM 2-14A
	3.838		.140			4.531		.148		Norwalk Blvd and Washington
	3.698		.280			4.383		.296		St.
	11.514	3.838		.280	86°	13.593	4.531		.296	See F.B. 2856-9
2	5.060		.148			4.538		.150		
	4.912		.149			4.388		.148		T LeGault
	4.763		.297			4.240		.298		
	14.735	4.912		.577		13.166	4.389		.594	
3	5.051		.150			4.532		.149		
	4.901		.150			4.383		.147		
	4.751		.300			4.236		.296		
	14.703	4.901		.877		13.151	4.384		.890	
4	5.064		.150			4.581		.149		
	4.914		.148			4.432		.149		
	4.766		.298			4.283		.298		
	14.744	4.915		1.175		13.296	4.432		1.188	
5	5.133		.148			4.610		.147		
	4.985		.147			4.463		.148		
	4.838		.295			4.315		.295		
	14.956	4.985		1.470		13.388	4.463		1.483	
		23.557					22.199			

F.B. 2856 P.G. 137

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: 1:05-1:30 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 6301.02
From: BM 2-14A To: BM 2-15
Date: 17 July 1961
Indexed: H. E. Orn

Number of 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	5.689	23.551	.149	1.470		5.115	22.199	.148	1.483
	5.540		.149			4.967		.149	
	5.391		.298			4.818		.297	
	16.620	5.546		1.768		14.900	4.967		1.780
7	5.264		.150			4.678		.152	
	5.114		.150			4.526		.152	
	4.964		.300			4.374		.304	
	15.342	5.114		2.068		13.578	4.526		2.084
8	4.917		.145			4.732		.144	
	4.772		.145			4.588		.146	
	4.627		.290			4.442		.290	
	14.316	4.772		2.358		13.762	4.587		2.374
F.B. 2852 P.G. 138 9	4.988		.148			4.791		.146	
	4.840		.149			4.645		.146	
	4.691		.297			4.499		.292	
	14.519	4.840		2.655		13.935	4.645		2.666
10	4.867		.126		#19	5.228		.128	
	4.741		.125			5.100		.128	
	4.616		.251			4.972		.256	
	14.224	4.741		2.906	86°	15.300	5.100		2.922
		48.558					46.024		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 2-14A
To B.M. 2-15

Total Backsights = + 48.558
Total Foresights = − 46.024
Diff. Elev. = + 2.534

Backsight stadia = 2.906
Foresight Stadia = 2.922
Total Stadia = 5.828
= .37 mi.

BM 2-15
Norwalk Blvd and Saragosa St.
See F.B. 1203-22

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 Sun Inst. No. 15066
Notes by Esquer Time 3:00 - 3:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-15 To BM 2-14A
Date 7-18-61
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5326		129		#19	4961		126		BM 2-15
	5197		129			4835		125		Norwalk Blvd and
	5068		258			4710		251		Saragosa St.
	15591	5197		258	92°	14506	4835		251	See F.B. 1203-22
2	4978		148			5172		149		
	4830		148			5023		148		π Le Gault
	4682		296			4875		297		
	14490	4830		554		15070	5023		548	
3	4801		146			4987		148		
	4655		145			4839		148		
	4510		291			4691		296		
	13966	4655		845		14517	4839		844	
4	4708		151			5298		150		
	4557		151			5148		149		
	4406		302			4999		299		
	13671	4557		1147		15445	5148		1143	
5	4922		151			5489		149		
	4771		149			5340		147		
	4622		300			5193		296		
	14315	4772		1447		16022	5341		1439	
		24.011					25.186			

F.B. 1254 P.G. 139

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 Sun Inst. No. 15066
Notes by Esquer Time 3:00-3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-15 To BM 2-14A
Date 7-18-61
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	4610	24.011	148	1447		5136	25.106	148	1439	
	4462		149			4988		148		
	4313		297			4840		296		
	13385	4462		1744		14964	4988		1735	Summation of Run From B.M. 2-15 To B.M. 2-14A
7	4533		149			5014		150		
	4384		147			4864		148		
	4237		296			4716		298		
	13154	4385		2040		14594	4865		2033	Total Backsights = + 46.046
8	4416		149			4937		150		Total Foresights = − 48.577
	4267		146			4787		150		Diff. Elev. = − 2.531
	4121		295			4637		300		
	12804	4268		2335		14361	4787		2333	
9	4627		148			5147		147		Backsight stadia = 2.927
	4479		151			5000		148		Foresight Stadia = 2.908
	4328		299			4852		295		Total Stadia = 5.835
	13434	4478		2634		14999	5000		2628	= .37 mi.
10	4588		146			3891		140		BM 2-14A Norwalk Blvd and Washington St.
	4442		147			3751		140		
	4295		293			3611		280		
	13325	4442		2927		11253	3751		2908	Sec F.B 2856-9
		46.046					48.577			

F.B. 2855 P.G. 140

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 Esquer Time 8:15-9:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-15 To BM 2-16
Date 20 July 1961
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5861		152		#19	4568		149		BM 2-15
	5709		148			4419		147		Nairwalk Blvd and
	5561		300			4272		296		Saragosa St.
	17131	5710		300	74°	13259	4420		296	see F.B. 1203-22
2	5329		146			5789		150		
	5183		148			5639		147		T. Rodriguez
	5035		294			5492		297		
	15547	5182		594		16920	5640		593	
3	5468		147			4669		150		
	5321		149			4519		147		
	5172		296			4372		297		
	15961	5320		890		13560	4520		890	
4	4946		147			4675		148		
	4799		147			4527		149		
	4652		294			4378		297		
	14397	4799		1184		13580	4527		1187	
5	4928		147			4635		147		
	4781		149			4488		149		
	4632		296			4339		296		
	14341	4780		1480		13462	4487		1483	
		25.791					23.594			

F.B. 2856 P.G. 141

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. 150.66
Notes by Esquer Time 8:15 - 9:00 Rod No. 19,820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-15 To BM 2-16
Date 7-20-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4898	25.791	149	1480		4692	23.594	148	1483	
	4749		147			4544		147		
	4602		296			4397		295		
	14249	4750		1776		13633	4544		1778	
7	4877		149			4632		148		
	4728		149			4484		149		
	4579		298			4335		297		
	14184	4728		2074		13451	4484		2075	
8	4908		149			4683		148		
	4759		148			4535		147		
	4611		297			4388		295		
	14278	4759		2371		13606	4535		2370	
9	5532		150			5329		150		
	5382		153			5179		150		
	5229		303			5029		300		
	16143	5381		2674		15537	5179		2670	
10	4889		147			4445		151		
	4742		147			4294		147		
	4595		294			4147		298		
	14226	4742		2968		12886	4295		2968	
		50.151					46.631			

F.B. 2856 P.G. 142

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 Esquer Time 8:15 - 9:00 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-15 To BM 2-16
Date 7-20-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5784	50.151	150	2968		5108	46.631	149	2968	
	5634		149			4959		148		
	5485		299			4811		297		
	16903	5634		3267		14878	4959		3265	
12	6103		146			5603		145		Summation of Run
	5957		146			5458		149		From B.M. 2-15
	5811		292			5309		294		To B.M. 2-16
	17871	5957		3559		16370	5457		3559	
13	5255		147			4789		148		Total Backsights = + 76.766
	5108		149			4641		148		Total Foresights = − 70.732
	4959		296			4493		296		Diff. Elev. = + 6.034
	15322	5107		3855		13923	4641		3855	
14	5154		145			4667		149		Backsight stadia = 4.425
	5009		145			4518		149		Foresight Stadia = 4.420
	4864		290			4369		298		Total Stadia = 8.845
	15027	5009		4145		13554	4518		4153	.56 mi
15	5048		140			4659		132		BM 2-16
	4908		140			4527		135		Norwalk Blvd. &
	4768		280			4392		267		Rosehedge Dr.
	14724	4908		4425	76°	13578	4526		4420	See FB 2056-11
		76.766					70.732			

F.B. 2856 P.G. 143

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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 2:10 – 2:50
Inst. No 15066
Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-16 To BM 2-15
Date 20 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.653		.135		#19	5.042		.140		BM 2-16
	4.518		.135			4.902		.140		Norwalk Blvd. &
	4.383		.270			4.762		.280		Rosehedge Dr.
	13.554	4.518		.270	84°	14.706	4.902		280	See FB 2856-11
2	4.776		.147			5.268		.146		
	4.629		.146			5.122		.147		π Rodriguez
	4.483		.293			4.975		.293		
	13.888	4.629		.563		15.365	5.122		.573	
3	4.811		.147			5.277		.149		
	4.664		.149			5.128		.146		
	4.515		.296			4.982		.295		
	13.990	4.663		.859		15.387	5.129		.868	
4	5.623		.145			6.123		.148		
	5.478		.149			5.975		.147		
	5.329		.294			5.828		.295		
	16.430	5.477		1.153		17.926	5.975		1.163	
5	5.143		.150			5.821		.150		
	4.993		.146			5.671		.149		
	4.847		.296			5.522		.299		
	14.983	4.994		1.449		17.014	5.671		1.462	
		24.281					26.799			

F.B. 2856 P.G. 144

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 2:10 – 2:50 Rod No. 19620

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 2-16 To BM 2-15
Date 20 July 1941
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.447	24.281	.149	1.449		4.891	26.799	.146	1.462	
	4.298		.150			4.745		.148		
	4.148		.299			4.597		.294		
	12.893	4.298		1.748		14.233	4.744		1.756	
7	5.369		.150			5.572		.150		
	5.219		.150			5.422		.150		
	5.069		.300			5.272		.300		
	15.657	5.219		2.048		16.266	5.422		2.056	
8	4.643		.149			4.869		.150		
	4.494		.146			4.719		.150		
	4.348		.295			4.569		.300		
	13.485	4.495		2.343		14.157	4.719		2.356	
9	4.507		.149			4.751		.149		
	4.358		.150			4.602		.150		
	4.208		.299			4.452		.299		
	13.073	4.358		2.642		13.805	4.602		2.655	
10	4.679		.150			4.883		.148		
	4.529		.146			4.735		.148		
	4.383		.296			4.587		.296		
	13.591	4.530		2.938		14.205	4.735		2.951	
		47.181					51.021			

F.B. 2856 P.G. 145

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: F. E. Brooks — Time: 2:10 – 2:50 — Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 2-16 To BM 2-15
Date: 20 July 1961
Indexed: H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.049	47.181	.150	2.938		5.341	51.021	.150	2.951	
	4.899		.150			5.191		.147		
	4.749		.300			5.044		.297		
	14.697	4.899		3.238		15.576	5.192		3.248	
12	4.669		.150			4.939		.145		Summation of Run
	4.519		.150			4.794		.146		From B.M. 2-16
	4.369		.300			4.648		.291		To B.M. 2-15
	13.557	4.519		3.538		14.381	4.794		3.539	
13	4.649		.150			5.449		.146		Total Backsights = + 70.782
	4.499		.150			5.303		.146		Total Foresights = – 76.821
	4.349		.300			5.157		.292		Diff. Elev. = – 6.039
	13.497	4.499		3.838		15.909	5.303		3.831	
14	5.391		.148			4.928		.147		Backsight stadia = 4.429
	5.243		.148			4.781		.148		Foresight Stadia = 4.423
	5.095		.296			4.633		.295		Total Stadia = 8.852
	15.729	5.243		4.134		14.342	4.781		4.126	.56 mi
15	4.588		.147		#19	5.879		.150		BM 2-15
	4.441		.148			5.729		.147		Norwalk Blvd. &
	4.293		.295			5.582		.297		Saragosa St.
	13.322	4.441		4.429	84°	17.190	5.730		4.423	See F.B. 1203-22
		70.782					76.821			

F.B. 2256 P.G. 146

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: 9:00 - 9:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 2-16 To: BM 1-16
Date: 20 July 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.820		.148		#19	4.403		.145		BM 2-16
	4.672		.144			4.258		.149		Norwalk Blvd and
	4.528		.292			4.109		.294		Rosehedge Dr.
	14.020	4.673		.292	76°	12.770	4.257		.294	See F.B. 2856-11
2	4.819		.148			4.979		.147		
	4.671		.147			4.832		.145		T Maldonado
	4.524		.295			4.687		.292		
	14.014	4.671		.587		14.498	4.833		.586	
3	5.349		.147			4.618		.148		
	5.202		.144			4.470		.148		
	5.058		.291			4.322		.296		
	15.609	5.203		.878		13.410	4.470		.882	
4	5.503		.142			4.929		.147		
	5.361		.144			4.782		.150		
	5.217		.286			4.632		.297		
	16.081	5.360		1.164		14.343	4.781		1.179	
5	4.528		.146			4.217		.147		
	4.382		.144			4.070		.149		
	4.238		.290			3.921		.296		
	13.148	4.383		1.454		12.208	4.069		1.475	
		24.290					22.410			

F.B. 2856 P.G. 14

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: Hazy
Time: 9:00 - 9:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM2-16 To: BM1-16
Date: 20 July 1961
Indexed: H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.919	24.290	.152	1.454		4.469	22.410	.145	1.475	
	4.767		.155			4.324		.144		
	4.612		.307			4.180		.289		
	14.298	4.766		1.761		12.973	4.324		1.764	
7	4.834		.147			5.002		.150		
	4.687		.149			4.852		.148		
	4.538		.296			4.704		.298		
	14.059	4.686		2.057		14.558	4.853		2.062	
8	5.391		.144			4.949		.149		
	5.247		.148			4.800		.147		
	5.099		.292			4.653		.296		
	15.737	5.246		2.349		14.402	4.801		2.358	
F.B. 2857 P.G. 148 9	5.357		.146			4.168		.149		
	5.211		.143			4.019		.148		
	5.068		.289			3.871		.297		
	15.636	5.212		2.638		12.058	4.019		2.655	
10	5.870		.150			5.298		.141		
	5.720		.150			5.157		.139		
	5.570		.300			5.018		.280		
	17.160	5.720		2.938		15.473	5.158		2.935	
		49.920					45.565			

76P526-CE 379—10-57

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8-16-61

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: 9:00 - 9:40 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM2-16 To: BM1-16
Date: 20 July 1961
Indexed: H. E. Oh

Number of Station	BACKSIGHT Thread 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	6.430	49.920	.146	2.938		4.503	45.565	.147	2.935	
	6.284		.145			4.356		.147		Summation of Run
	6.139		.291			4.209		.294		From B.M. 2-16
	18.853	6.284		3.229		13.068	4.356		3.229	To B.M. 1-16
12	6.056		.148			5.038		.150		
	5.908		.149			4.888		.149		Total Backsights = + 73.724
	5.759		.297			4.739		.299		Total Foresights = − 64.467
	17.723	5.908		3.526		14.665	4.888		3.526	Diff. Elev. = + 9.257
13	5.681		.149		#19	4.426		.149		
	5.532		.148			4.277		.149		backsight stadia = 4.148
	5.384		.297			4.128		.298		Foresight Stadia = 4.166
	16.597	5.532		3.823	80°	12.831	4.277		3.826	Total Stadia = 8.314
										= .53 mi.
14	6.243		.163			5.551		.170		BM 1-16
	6.080		.162			5.381		.170		Norwalk Blvd and
	5.918		.325			5.211		.340		Whittier Blvd
	18.241	6.080		4.148		16.143	5.381		4.166	see F.B. 1202-21
		73.724					64.467			

F.B. 2856 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 E. Sigver Time 1:20-2105 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-16 To BM 2-16
Date 7-20-61
Indexed H. E. on

Number of Station	BACKSIGHT Thread 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	5846		171		#19	6539		164		BM 1-16 Norwalk Blvd and Whittier Blvd. See F.B. 1202-21
	5675		173			6375		163		
	5502		344			6212		327		
	17023	5674		344	86°	19126	6375		327	
2	4744		146			5999		150		T. Maldonado
	4598		150			5849		148		
	4448		296			5701		298		
	13790	4597		640		17549	5850		625	
3	4982		153			5999		149		
	4829		150			5850		146		
	4679		303			5704		295		
	14490	4830		943		17553	5851		920	
4	5068		148			6989		147		
	4920		148			6842		144		
	4772		296			6698		291		
	14760	4920		1239		20529	6843		1211	
5	5010		141			5583		145		
	4869		138			5438		149		
	4731		279			5289		294		
	14610	4870		1518		16310	5437		1505	
		24891					30356			

F.B. 1256 P.G. 150

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: Esquer Time: 1:20 - 2:05 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 4301.02
From: BM 1-16 To: BM 2-16
Date: 7-20-61
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4799	24.891	148	1518		5988	30.356	147	1505	
	4651		144			5841		143		
	4507		292			5698		290		
	13957	4652		1810		17527	5842		1795	
7	5531		146			5982		150		
	5385		145			5832		146		
	5240		291			5686		296		
	16156	5385		2101		17500	5833		2091	
8	4897		148			4730		152		
	4749		147			4578		150		
	4602		295			4428		302		
	14248	4749		2396		13736	4579		2393	
9	4322		151			4767		149		
	4171		148			4618		148		
	4023		299			4470		297		
	12516	4172		2695		13855	4618		2690	
10	4453		146			4763		145		
	4307		148			4618		146		
	4159		294			4472		291		
	12919	4306		2989		13853	4618		2981	
		48.155					55.846			

F.B. 1551 P.G. 151

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: Esquer Time: 1:20 - 2:05 Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-16 To: BM 2-16
Date: 7-20-61
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4931	48.155	148	2989		5512	55.846	143	2981	Summation of Run
	4783		151			5369		140		From B.M. 1-16
	4632		299			5229		283		To B.M. 1-15
	14346	4782		3288		16110	5370		3264	
12	4702		157			5428		148		Total Backsights = + 66.596
	4551		148			5280		147		Total Foresights = − 75.858
	4403		299			5133		295		Diff. Elev. = − 9.262
	13656	4552		3587		15841	5280		3559	
13	5069		142			4921		151		Backsight stadia = 4.170
	4927		144			4770		151		Foresight Stadia = 4.153
	4783		286			4619		302		Total Stadia = 8.323
	14779	4926		3873		14310	4770		3861	.53 mi
14	4329		148			4739		148		BM 2-16
	4181		149			4591		144		Norwalk Blvd and
	4032		297			4447		292		Rosehedge Dr.
	12542	4181		4170	84°	13777	4592		4153	See F.B. 2865-11
		66.596					75.858			

F.B. 2865 P.G. 16

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 Esquer Time 9:45-10:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-16 To BM 1-15
Date 7-20-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5933		147		#19	4907		146		BM 1-16
	5786		149			4761		144		Norwalk Blvd and
	5637		296			4617		290		Whittier Blvd.
	17356	5785		296	8°	14285	4762		290	See F.B. 1202-21
2	6722		150			5158		147		
	6572		149			5011		148		T LeGault
	6423		299			4863		295		
	19717	6572		595		15032	5011		585	
3	4803		146			3994		146		
	4657		149			3848		149		
	4508		295			3699		295		
	13968	4656		890		11541	3847		880	
4	5351		145			3569		148		
	5206		147			3421		145		
	5059		292			3276		293		
	15616	5205		1182		10266	3422		1173	
5	5329		147			3548		147		
	5182		145			3401		147		
	5037		292			3254		294		
	15548	5183		1474		10203	3401		1467	
		27.401					20.443			

F.B. 1257 P.G. 153

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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 Esquer Time 9:45-10:55 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-16 To BM 1-15
Date 7-20-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5410	27.401	148	1474		3680	20.443	147	1467	
	5262		149			3533		145		
	5113		297			3388		292		
	15785	5262		1771		10601	3534		1759	
7	5415		148			4542		148		
	5267		146			4394		146		
	5121		294			4248		294		
	15803	5268		2065		13184	4395		2053	
8	6253		146			3850		149		
	6107		147			3701		149		
	5960		293			3552		298		
	18320	6107		2358		11103	3701		2351	
9	6787		150			4615		148		
	6637		149			4467		147		
	6488		299			4320		295		
	19912	6637		2657		13402	4467		2646	
10	6326		149			4543		148		
	6177		149			4395		148		
	6028		298			4247		296		
	18531	6177		2955		13185	4395		2942	
		56.852					40.935			

F.B. 2952 P.G. 154

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: E. E. Brooks — Weather: Hazy — Inst. No.: 15066
Notes by: Esquer — Time: 9:45-10:55 — Rod No.: 19820

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 1-16 To: BM 1-15
Date: 7-20-61
Indexed:

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	6512	56.852	149	2955		4508	40.935	147	2942	
	6363		152			4361		148		
	6211		301			4213		295		
	19086	6362		3256		13082	4361		3237	
12	5411		144			3431		147		
	5267		146			3284		148		
	5121		290			3136		295		
	15799	5266		3546		9851	3284		3532	
13	6386		146			4327		150		
	6240		148			4177		147		
	6092		294			4030		297		
	18718	6239		3840		12534	4178		3829	
14	5458		148			3421		150		
	5310		147			3271		147		
	5163		295			3124		297		
	15931	5310		4135		9816	3272		4126	
15	6469		147			5292		148		
	6322		145			5144		146		
	6177		292			4998		294		
	18968	6323		4427		15434	5145		4420	
		86.352					61.175			

F.B. 2851 P.G. 155

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 Esquer Time 9:45-10:55 Rod No. 19520

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-16 To BM 1-15
Date 7-20-61
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	7891	86.352	150	4427		5501	61.175	150	4420	
	7741		150			5351		148		
	7591		300			5203		298		
	23223	7741		4727		16055	5352		4718	
17	7373		147			4108		151		
	7226		148			3957		148		
	7078		295			3809		299		
	21677	7226		5022		11874	3958		5017	
18	6672		149			5351		149		
	6523		148			5202		147		
	6375		297			5055		296		
	19570	6523		5319		15608	5203		5313	
19	7547		147			4318		149		
	7400		148			4169		148		
	7252		295			4021		297		
	22199	7400		5614		12508	4169		5610	
20	6744		149			4290		148		
	6595		148			4142		147		
	6447		297			3995		295		
	19786	6595		5911		12427	4142		5905	
		121.837					83.999			

F.B. 2856 P.G. 152

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: Esquer Time: 9:45-10:55 Rod No.: 19820

Name: LA Co. Precise Level Net
Job No.: 0301.02
From: BM 1-16 To: BM 1-15
Date: 7-20-61
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	5548	121.837	148	5911		3402	83.999	147	5905	
	5400		149			3255		146		
	5251		297			3109		293		
	16199	5400		6208		9766	3255		6198	
22	5972		150			2987		146		
	5822		150			2841		148		
	5672		300			2693		294		
	17466	5822		6508		8521	2840		6492	
23	6898		149			3885		145		
	6749		148			3740		145		
	6601		297			3595		290		
	20248	6749		6805		11220	3740		6782	
24	6178		147			3136		145		
	6031		145			2991		145		
	5886		292			2846		290		
	18095	6032		7097		8973	2991		7072	
25	6021		148			3413		145		
	5873		145			3268		146		
	5728		293			3122		291		
	17622	5874		7390		9803	3268		7363	
		151.714					100.093			

F.B. 1857 P.G. 15

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 Esquer Time 9:45-10:55 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-16 To BM 1-15
Date 7-20-61
Indexed H. E. [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
26	6600	151.714	147	7390		3587	100.093	148	7363	
	6453		143			3439		148		
	6310		290			3291		296		
	19363	6454		7680		10317	3439		7659	
27	5558		161			4155		168		BM 1-15
	5397		160			3987		168		Whittier Blvd. &
	5237		321			3819		376		Magnolia Ave.
	16192	5397		8001	84°	11961	3987		8035	
										Summation of Run From B.M. 1-16 To B.M. 1-15
										Total Backsights = + 163.565 Total Foresights = − 107.519 Diff. Elev. = + 56.046
										Backsight stadia = 8.001 Foresight Stadia = 8.035 Total Stadia = 16.036 1.01 mi
		163.565					107.519			

F.B. 2865 P.G. 158

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 Time 10:55 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-15 To BM 1-16
Date 20 July 1961
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.230		.167		#19	5.631		.160		BM 1-15
	4.063		.169			5.471		.160		Whittier Blvd and
	3.894		.336			5.311		.320		Magnolia
	12.187	4.062		.336	84°	16.413	5.471		.320	See F.B. 1202-20
2	3.567		.148			6.578		.145		
	3.419		.148			6.433		.142		TL LeGault
	3.271		.296			6.291		.287		
	10.257	3.419		.632		19.302	6.434		.607	
3	3.388		.146			5.994		.146		
	3.242		.145			5.848		.147		
	3.097		.291			5.701		.293		
	9.727	3.242		.923		17.543	5.848		.900	
4	3.020		.146			6.060		.145		
	2.874		.144			5.915		.144		
	2.730		.290			5.771		.289		
	8.624	2.875		1.213		17.746	5.915		1.189	
5	3.913		.145			6.928		.148		
	3.768		.146			6.780		.149		
	3.622		.291			6.631		.297		
	11.303	3.768		1.504		20.339	6.780		1.486	
		17.366					30.448			

F.B. 1202 P.G. 159

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 10:55 - 11:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-15 To BM 1-16
Date 20 July 1961
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread 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	4.051	17.366	.147	1.504		7.032	30.448	.148	1.486	
	3.904		.147			6.884		.147		
	3.757		.294			6.737		.295		
	11.712	3.904		1.796		20.653	6.884		1.781	
7	3.564		.146			5.709		.148		
	3.418		.147			5.561		.148		
	3.271		.293			5.413		.296		
	10.253	3.418		2.091		16.683	5.561		2.077	
8	4.324		.147			6.778		.150		
	4.177		.148			6.628		.148		
	4.029		.295			6.480		.298		
	12.530	4.177		2.386		19.886	6.629		2.375	
9	4.292		.148			7.523		.146		
	4.144		.149			7.377		.147		
	3.995		.297			7.230		.293		
	12.431	4.144		2.683		22.130	7.377		2.668	
10	5.377		.148			6.699		.149		
	5.229		.148			6.550		.149		
	5.081		.296			6.401		.298		
	15.687	5.229		2.979		19.650	6.550		2.966	
		38.238					63.449			

F.B. 2956 P.G. 160

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: Time: 10.55-1.15 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM1-15 To: BM1-16
Date: 20 July 1961
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.017	38.238	.150	2.979		7.282	63.449	.149	2.966	
	3.867		.149			7.133		.145		
	3.718		.299			6.988		.294		
	11.602	3.867		3.278		21.403	7.134		3.260	
12	5.474		.149			7.863		.151		
	5.325		.148			7.712		.149		
	5.177		.297			7.563		.300		
	15.976	5.325		3.575		23.138	7.713		3.560	
13	6.258		.148			6.435		.146		
	5.110		.148			6.289		.146		
	4.962		.296			6.143		.292		
	15.330	5.110		3.871		18.867	6.289		3.852	
14	3.401		.150			6.435		.146		
	3.251		.148			5.289		.147		
	3.103		.298			5.142		.293		
	9.755	3.252		4.169		15.866	5.289		4.145	
15	4.466		.149			6.530		.148		
	4.317		.148			6.382		.150		
	4.169		.297			6.232		.298		
	12.952	4.317		4.466		19.144	6.381		4.443	
		40.109					96.255			

F.B. 28851 P.G. 141

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 10:55-1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-15 To BM 1-16
Date 20 July 1961
Indexed H. E. Ott

	Number of Station	BACKSIGHT Thread 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	3.539	6.109	.146	4.466		5.524	9.255	.149	4.443	
		3.393		.145			5.375		.147		
		3.248		.291			5.228		.296		
		10.180	3.393		4.757		16.127	5.376		4.739	
11	17	4.514		.147			6.520		.151		
		4.367		.146			6.369		.148		
		4.221		.293			6.221		.299		
		13.102	4.367		5.050		19.110	6.370		5.038	
10	18	4.549		.149			6.330		.148		
		4.400		.149			6.182		.150		
		4.251		.298			6.032		.298		
		13.200	4.400		5.348		18.544	6.181		5.336	
9	19	4.622		.147			6.799		.151		
		4.475		.147			6.648		.149		
		4.328		.294			6.499		.300		
		13.425	4.475		5.642		19.946	6.649		5.636	
8	20	3.838		.150			6.239		.149		
		3.688		.148			6.090		.147		
		3.540		.298			5.943		.296		
		11.066	3.689		5.940		18.272	6.091		5.932	
			20.433					26.922			

F.B. 2356 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 Weather Hazy Inst. No. 15066
Notes by Time 10:55 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-15 To BM 1-16
Date 20 July 1961
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	4.537	80.433	.148	5.940		5.407	126.922	.146	5.932	
	4.389		.149			5.261		.148		
	4.240		.297			5.113		.294		
	13.166	4.389		6.237		15.781	5.260		6.226	
22	3.641		.147			5.371		.149		
	3.494		.146			5.222		.149		
	3.348		.293			5.073		.298		
	10.483	3.494		6.530		15.666	5.222		6.524	
23	3.498		.147			6.280		.148		
	3.351		.148			5.132		.144		
	3.203		.295			4.988		.292		
	10.052	3.351		6.825		15.400	5.133		6.816	
24	3.600		.147			5.383		.147		
	3.453		.145			5.236		.147		
	3.308		.292			5.089		.294		
	10.361	3.454		7.117		15.708	5.236		7.110	
25	4.001		.146			4.811		.145		1 hr. for lunch
	3.855		.146			4.666		.147		
	3.709		.292			4.519		.292		
	11.565	3.855		7.409		13.996	4.665		7.402	
		98.976					152.438			

F.B. 1857 P.G. 165

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 10:55 - 1:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 1-15 To BM 1-16
Date 20 July 1961
Indexed H. E. Ott

	Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		6.146	98.976	.148	7.409		6.709	152.438	.150	7.402	
2	26	4.998		.148			6.559		150		
		4.850		.296			6.409		.300		
		14.994	4.998		7.705		19.677	6.559		7.702	
		4.910		.145		#19	5.938		.151		BM 1-16
1	27	4.765		.145			5.787		.148		Norwalk Blvd and
		4.620		.290			5.639		.299		Whittier Blvd
		14.295	4.765		7.995		17.364	5.788		8.001	see F.B. 1202-21
											Summation of Run From B.M. 1-15 To B.M. 1-16
	F.B. 1857 P.G. 164										Total Backsights = + 108.739 Total Foresights = − 164.785 Diff. Elev. = − 56.046
											Backsight stadia = 7995 Foresight Stadia = 8001 Total Stadia = 15996 = 1.01 mi.
			108.739					164.785			

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by LHD
Checked	Notes LHD Date 11-2-61
Date	Indexed H. E. Om NOV 7 '61

F.B. 1856 PG. 165

J/N. 0301.02

L.A. COUNTY PRECISE LEVEL NET

RE-RUN OF LINE 2

FROM

2-14 A TO 2-14

11-2-61

LHD

LEGWALT

MYERS

GOODWIN

CARO

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

Do not extend notes this side of this line.

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

763095 CE #247 7-53

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.K. LIND

NOTES BY GOODWIN DATE NOV. 2 1961

INDEXED B. E. OTT DATE NOV 7 61

WEATHER CLEAR

TIME 2:20-3:00

NOTES CHKD [illegible] DATE 11/7/61

INST. NO. N-375234

ROD NO. 9549

F.B. 2856 PG. 167

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 2-14A TO BM 2-14
BM2-14A													BM2-14A Blvd
1	119	473	420	5	135 / 103	32	148	693	449	5	164 / 132	32	NORWALK BLVD & WASHINGTON
2	121	997	422	5	144 / 98	46	162	323	463	5	185 / 139	46	FOR DESC. SEE F.B. # 2856-9
3	148	927	449	5	171 / 125	46	173	291	474	5	196 / 150	46	
4	149	303	450	5	172 / 126	46	160	652	461	5	183 / 137	46	⊼ = CARO
5	148	764	449	5	171 / 125	46	157	766	458	5	180 / 134	46	
6	153	598	454	5	176 / 130	46	176	894	477	5	199 / 153	46	
7	149	364	450	5	172 / 126	46	163	847	464	5	186 / 140	46	
8	136	053	437	5	159 / 113	46	166	883	467	5	189 / 143	46	
9	147	061	448	5	169 / 125	46	121	832	422	5	143 / 97	46	
10	148	061	449	5	171 / 125	46	156	604	457	5	179 / 133	46	
11	139	776	440	5	162 / 116	46	212	352	513	5	235 / 189	46	
						498						492	
TOTALS	1562	377					1801	137				498	
							1562	377				984	M.
DIFF. IN ELEV.							-238	760					
BM 2-14													BM 2-14 FB 1263-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 11-355-54
ROD NO. 95-92
DATE 11-1-
WEATHER Clear
TIME
NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 2-14 TO BM. 2-14A
B.M. 2-14													B.M. 2-14
1	216	318	517	5	239 / 193	46	143	784	444	5	196 / 150	46	NEWARK BLVD. [illegible] AVE. [illegible]
2	155	[illegible]	[illegible]	[illegible]	[illegible]	46	121	317	452	5	[illegible]	46	1203-21
3	121	[illegible]	[illegible]	5	126 / 80	46	[illegible]	[illegible]	[illegible]	5	132 / 106	46	
4	[illegible]	[illegible]	[illegible]	5	201 / 155	46	[illegible]	[illegible]	421	5	173 / 127	46	
5	[illegible]	[illegible]	[illegible]	5	[illegible]	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46	
6	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	173 / 127	46	T. CARD
7	158	415	457	5	181 / 135	46	152	[illegible]	[illegible]	[illegible]	[illegible]	46	
8	165	[illegible]	[illegible]	5	[illegible]	46	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	
9	[illegible]	041	411	[illegible]	173 / 127	46	153	[illegible]	[illegible]	5	[illegible]	46	
10	171	[illegible]	[illegible]	5	184 / 138	46	123	[illegible]	[illegible]	5	[illegible]	[illegible]	
11	145	[illegible]	[illegible]	5	168 / 131	92	110	[illegible]	371	5	[illegible]	92	
						492						492	
TOTALS	1807	624					1569	102				492	
	1569	102										984	M.
DIFF. ELEV	238	522											
BM 2-14A													BM 2-14-A P.B. 2956-9

F.B. 2956 PG. 128
JOB NO. 2301.02
SURVEY OF
NOTES
SURVEY BY
INDEXED DATE