76309S CE #247—7-53

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

Do not extend notes this side of this line.

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F. B. PG.

2860

Microfilmed. March 85

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date Aug 61
Date	Indexed H. E. OTT AUG 1 4 61

F.B. 2860 Pg. 5

J.N. 0301.02

L.A.CO. PRECISE LEVEL NET

Line No. 9

Bench Mark descriptions F.B. 1375 pg. 6 to pg. 18 and pg. 211 to pg.

Differences of elevation F.B. 2860 pg. 7 to pg.

Route

S on Woodruff Ave. from Washington St. to Alondra Blvd. E on Alondra Blvd. to Hayford St. E on Hayford St. to McNab Ave. S on McNab Ave. to Alondra Blvd. E on Alondra Blvd. to Studebaker Rd. S on Studebaker Rd. to South St. W on South St. to Palo Verde Ave. S on Palo Verde Ave. to Spring St. W on Spring St to Lomina Ave.

F.E.Brooks
J.M.Maldonado
R.R.Rodriguez
G.R.Esquer
H.L. Birlew

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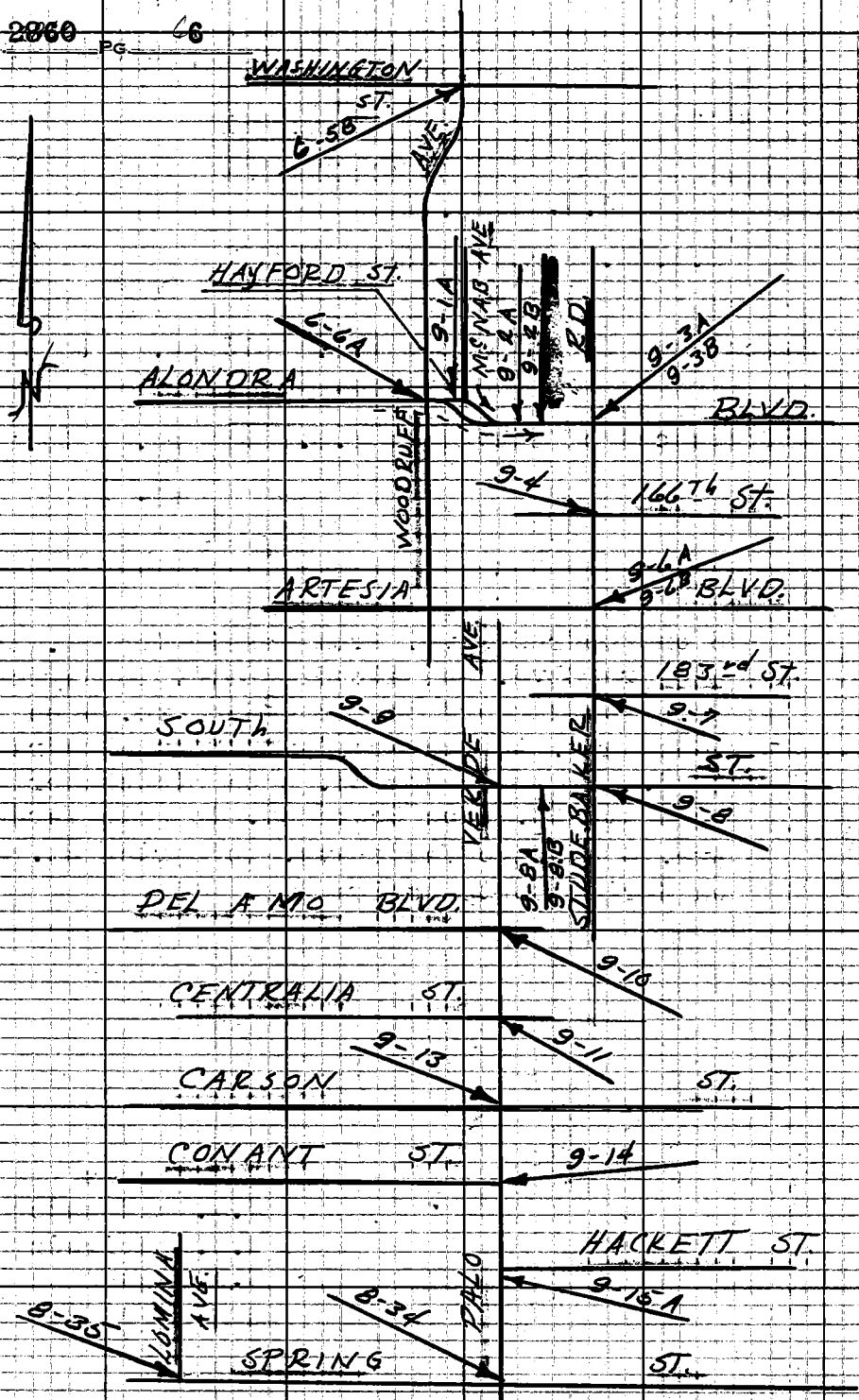
76309S CE #247 7-53

F.B. 2860 PG. 66



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

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.

RC 8/24/61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: " Brooks
Weather: Overcast
Time: 8:15 - 9:05
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 03.01.02
From: BM 6-5B To: BM 6-6A
Date: 4 Aug. 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	4.528		.130		#19	6.187		.148		BM 6-5B
	4.398		.130			6.039		.148		Woodruff Ave. and
	4.268		.260			4.891		.296		Washington St.
	13.194	4.398		.260	74°	15.117	5.039		.296	See FB
2	4.668		.151			5.174		.144		T. Maldonado
	4.517		.149			5.030		.147		
	4.368		.300			4.883		.291		
	13.553	4.518		.560		15.087	5.029		.587	
3	4.948		.149			5.504		.152		
	4.799		.148			5.352		.149		
	4.651		.297			5.203		.301		
	14.398	4.799		.857		16.059	5.353		.888	
4	4.953		.149			5.280		.147		
	4.804		.150			5.133		.143		
	4.654		.299			4.990		.290		
	14.411	4.804		1.156		15.403	5.134		1.178	
5	4.620		.151			4.873		.145		
	4.469		.150			4.728		.147		
	4.319		.301			4.581		.292		
	13.408	4.469		1.457		14.182	4.727		1.470	
		22.987					25.282			

F.B. 2860 P.G. 7

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.

0/24/61

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: 8:15 - 9:05 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 6-5B To BML-LA
Date: 4 Aug 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	4.626	22.988	.154	1.457		4.892	25.282	.144	1.470	
	4.472		.151			4.748		.146		
	4.321		.305			4.602		.290		
	13.419	4.473		1.762		14.242	4.747		1.760	
7	4.702		.147			4.846		.149		
	4.555		.147			4.697		.150		
	4.408		.294			4.547		.299		
	13.665	4.555		2.056		14.090	4.697		2.059	
8	4.909		.151			5.230		.148		
	4.758		.148			5.082		.149		
	4.610		.299			4.933		.297		
	14.277	4.759		2.355		15.245	5.082		2.356	
9	4.560		.150			5.109		.149		
	4.410		.147			4.960		.147		
	4.263		.297			4.813		.296		
	13.233	4.411		2.652		14.882	4.961		2.652	
10	4.659		.149			4.938		.150		
	4.510		.150			4.788		.149		
	4.360		.299			4.639		.299		
	13.529	4.510		2.951		14.365	4.788		2.951	
		45.697					49.557			

F.B. 2360 P.G. 8

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 8:15-9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 6-5B To BM 6-6A
Date 4 Aug 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	4.486	45.692	.146	2.951		5.437	49.557	.147	2.951	
	4.340		.144			5.290		.149		
	4.196		.290			5.141		.296		
	13.022	4.341		3.241		15.868	5.289		3.247	
12	4.922		.150			5.001		.147		
	4.772		.149			4.854		.146		
	4.623		.299			4.708		.293		
	14.317	4.772		3.540		14.563	4.854		3.540	
13	4.139		.149			5.389		.149		
	3.990		.148			5.240		.148		
	3.842		.297			5.092		.297		
	11.971	3.990		3.837		15.721	5.240		3.837	
14	5.138		.149			5.080		.149		
	4.989		.149			4.931		.148		
	4.840		.298			4.783		.297		
	14.967	4.989		4.135		14.794	4.931		4.134	
15	4.468		.149			4.890		.148		
	4.319		.149			4.742		.149		
	4.170		.298			4.596		.297		
	12.957	4.319		4.433		14.225	4.742		4.431	
		68.103					74.613			

F.B. 2860 P.G. 9

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 overcast Inst. No. 15066
Notes by F. E. Brooks Time 8:15 - 9:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0701.02
From BM C-5B To BM C-6A
Date 4 Aug 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
16	4.403	68.108	.150	4.433		4.878	74.613	.149	4.431	
	4.253		.146			4.729		.150		
	4.107		.296			4.579		.299		
	12.763	4.254		4.789		14.186	4.729		4.930	
17	4.493		.145			4.619		.148		Summation of Run From B.M. 6-5B To B.M. 6-6A
	4.348		.149			4.471		.149		
	4.199		.294			4.322		.297		
	13.040	4.347		5.083		13.412	4.471		5.027	
18	4.629		.043		#19	4.529		.046		BM 6-6A Alondra Blvd and Woodruff Ave
	4.586		.041			4.483		.046		
	4.545		.084			4.437		.092		
	13.760	4.587		5.197	.74	13.449	4.483		5.119	See F.B. 1207-11
										Total Backsights = + 81.295 Total Foresights = − 88.296 Diff. Elev. = − 7.001
										Backsight stadia = 5.197 Foresight Stadia = 5.119 Total Stadia = 10.316 = .65
		81.295					88.296			

F.B. 2860 P.G. 16

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Hazy — Inst. No. 15066
Notes by: F. E. Brooks — Time: 11:05 - 11:55 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM L-6A To: BM L-6B
Date: 4 Aug 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	4.608		.047		#19	4.706		.042		BM L-6A
	4.561		.048			4.664		.041		Alondra Blvd and
	4.513		.095			4.623		.083		Woodruff Ave
	13.682	4.561		.095	84°	13.993	4.664		.083	See F.B. 1207-11
2	4.670		.149			4.543		.146		
	4.521		.149			4.397		.148		T Maldonado
	4.372		.298			4.249		.294		
	13.563	4.521		.393		13.189	4.396		.377	
3	4.899		.151			4.420		.147		
	4.748		.150			4.273		.143		
	4.598		.301			4.130		.290		
	14.245	4.748		.694		12.823	4.274		.667	
4	4.860		.145			4.443		.152		
	4.715		.144			4.291		.151		
	4.571		.289			4.140		.303		
	14.146	4.715		.983		12.874	4.291		.970	
5	5.043		.144			5.102		.150		
	4.899		.148			4.952		.150		
	4.751		.292			4.802		.300		
	14.693	4.898		1.275		14.856	4.952		1.270	
		23.443					22.577			

F.B. 2860 P.G. 11

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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 11:05 - 11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM6-1A To BM6-5B
Date 4 Aug 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	5.503	23.443	.145	1.275		4.258	22.577	.150	1.270	
	5.358		.148			4.108		.149		
	5.210		.293			3.959		.299		
	16.071	5.357		1.568		12.325	4.108		1.569	
7	4.778		.148			4.699		.149		
	4.630		.147			4.550		.151		
	4.483		.295			4.399		.300		
	13.891	4.630		1.863		13.648	4.549		1.869	
8	5.368		.149			4.418		.147		
	5.219		.148			4.271		.143		
	5.071		.297			4.128		.290		
	15.658	5.219		2.160		12.817	4.272		2.159	
9	4.788		.150			4.510		.150		
	4.638		.150			4.360		.150		
	4.488		.300			4.210		.300		
	13.914	4.638		2.460		13.080	4.360		2.459	
10	5.017		.147			4.468		.149		
	4.870		.149			4.319		.148		
	4.721		.296			4.171		.297		
	14.608	4.869		2.756		12.958	4.319		2.756	
		48.156					44.186			

F.B. 2860 P.G. 12

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Hazy
Time 11:05 – 11:55
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 6-6A To BM 6-5B
Date 4 Aug. 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	4.742	48.156	.149	2.756		4.419	44.185	.148	2.756	
	4.593		.145			4.271		.149		
	4.448		.294			4.122		.297		
	13.783	4.594		7.050		12.812	4.271		3.053	
12	5.189		.150			5.048		.149		
	5.039		.149			4.899		.147		
	4.890		.299			4.752		.296		
	15.118	5.039		3.349		14.699	4.900		3.349	
13	5.023		.146			4.751		.148		
	4.877		.149			4.603		.150		
	4.728		.295			4.453		.298		
	14.628	4.876		3.644		13.807	4.602		3.647	
14	4.706		.148			4.448		.149		
	4.558		.148			4.299		.150		
	4.410		.296			4.149		.299		
	13.674	4.558		3.940		12.896	4.299		3.946	
15	6.210		.147			4.882		.145		
	5.063		.146			4.737		.147		
	4.917		.293			4.590		.292		
	15.190	5.063		4.233		14.209	4.736		4.238	
		72.286					66.993			

F.B. 2860 P.G. 13

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8-24-61

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 11:05-11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 6-6A To BM 6-5B
Date 4 Aug 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	5.439	72286	.150	4.233		4.884	66.993	.150	4.238	
	5.289		.156			4.732		.146		
	5.139		.300			4.586		.296		Summation of Run
	5.867	5.289		4.533		14.200	4.733		4.534	From B.M. 6-6A
										To B.M. 6-5B
17	4.822		.145			4.310		.147		
	4.677		.149			4.163		.146		Total Backsights = + 86.967
	4.528		.294			4.017		.293		Total Foresights = − 79.962
	14.027	4.676		4.827		12.490	4.163		4.827	Diff. Elev. = + 7.005
18	4.854		.137		#19	4.210		.138		BM 6-5B
	4.717		.139			4.072		.135		Woodruff Ave and
	4.578		.276			3.937		.273		Washington St.
	14.149	4.716		5.103	90°	12.219	4.073		5.100	See F.B.
										Backsight stadia = 5.103
										Foresight Stadia = 5.100
										Total Stadia = 10.203
										= .65 mi
		86.967					79.962			

F.B. 2800 PG. 14

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 over cast Light Sprinkle Inst. No. 15066
Time 9:20 - 9:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 6-6A To B.M. 9-1A
Date 4 Aug 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	4.927		.188		#19	4.925		.190		B.M. 6-6A
	4.739		.186			4.735		.186		Alondra Blvd. and
	4.553		.374			4.549		.376		Woodruff Ave.
	14.219	4.740		.374	76°	14.209	4.736		.376	See F.B. 1207-11
2	4.767		.149			6.159		.149		
	4.618		.148			6.010		.148		T Rodriguez
	4.470		.297			4.862		.297		
	13.855	4.618		.671		15.031	6.010		.673	
3	5.218		.149			4.417		.148		
	5.069		.150			4.269		.147		
	4.919		.299			4.122		.295		
	15.206	5.069		.970		12.808	4.269		.918	
4	5.422		.150			6.045		.148		
	5.272		.150			4.897		.149		
	5.122		.300			4.748		.297		
	15.816	5.272		1.270		14.690	4.897		1.265	
5	4.462		.151			5.413		.150		
	4.311		.149			5.263		.150		
	4.162		.300			5.113		.300		
	12.935	4.312		1.570		15.789	5.263		1.565	
		24.011					24.175			

F.B. 2860 P.G. 15

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: Over cast Light sprinkle
Time: 9:20 - 9:40
Inst. No.: K5066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 6-6A To: BM 9-1A
Date: 4 Aug 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	5.103	24.011	.149	1.590		5.456	24.175	.149	1.565	
	4.954		.146			5.307		.156		
	4.808		.295			5.159		.299		
	14.865	4.955		1.865		15.920	5.307		1.864	
7	5.078		.155		#19	6.122		.154		BM 9-1A Hayford St. and McArthur Ave.
	4.923		.155			5.968		.156		
	4.768		.310			5.812		.310		
	14.769	4.923		2.175	76°	17.902	5.967		2.174	See F.B. 1375-213
										Summation of Run From B.M. 6-6A To B.M. 9-1A
										Total Backsights = + 33.889 Total Foresights = − 35.449 Diff. Elev. = − 1.560
										Backsight stadia = 2.175 Foresight Stadia = 2.174 Total Stadia = 4.349 = .28 mi.
		33.889					35.449			

F.B. 2860 P.G. 16

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Overcast
Time 10:45 - 11:00
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-1A To BM 6-6A
Date 4 Aug 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	6.118		.155		#19	5.075		.156		BM 9-1A
	5.963		.155			4.919		.156		Hayford St. and McNab
	5.808		.310			4.763		.312		Ave
	17.889	5.963		.310	78°	14.757	4.919		.312	see F.B. 1375-213
2	5.466		.149			5.113		.149		
	5.317		.149			4.964		.150		T. Rodriguez
	5.168		.298			4.814		.299		
	15.951	5.317		.608		14.891	4.964		.611	
3	5.560		.148			4.602		.152		
	5.402		.150			4.450		.148		
	5.252		.298			4.302		.300		
	16.204	5.401		.906		13.354	4.451		.911	
4	5.078		.150			5.453		.150		
	4.928		.148			5.303		.150		
	4.780		.298			5.153		.300		
	14.786	4.927		1.204		15.909	5.303		1.211	
5	4.445		.146			5.248		.150		
	4.299		.150			5.098		.149		
	4.149		.296			4.949		.299		
	12.893	4.298		1.500		15.295	5.098		1.510	
		25.906					24.735			

F.B. 2860 P.G. 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
Notes by: F. E. Brooks
Weather: Overcast
Time: 10:45-11:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-1A To: BM 6-6A
Date: 4 Aug 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	5.183	25.906	.150	1.500		4.789	24.735	.148	1.510	
	5.033		.146			4.641		.146		
	4.887		.296			4.495		.294		
	15.103	5.034		1.796		13.925	4.642		1.804	
7	5.041		.188		#19	5.043		.188		BM 6-6A Alondra Blvd and Woodruff Ave See F.B. 1207-11
	4.853		.188			4.855		.187		
	4.665		.376			4.668		.375		
	14.559	4.853		2.172	84°	14.566	4.855		2.179	
										Summation of Run From B.M. 9-1A To B.M. 6-6A
										Total Backsights = + 35.793 Total Foresights = − 34.232 Diff. Elev. = + 1.561
										Backsight stadia = 2,172 Foresight Stadia = 2,179 Total Stadia = 4.351 = .28
		35.793					34.232			

F.B. 1206 P.G. 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 Light Sprinkels
Time: 10:05 - 10:25
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-1A To B.M. 9-2A
Date: 4 Aug 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	6.759		.147		#19	6.157		.148		B.M. 9-1A
	6.612		.145			6.009		.148		Hayford St. and
	6.467		.292			4.861		.296		McNab Ave.
	16.838	6.613		.292	78°	15.027	6.009		.296	See F.B. 1375-213
2	6.314		.146			6.568		.150		
	6.168		.149			6.418		.149		T. Rodriguez
	6.019		.295			6.269		.299		
	16.501	6.167		.587		16.255	6.418		.595	
3	6.239		.149			6.087		.149		
	6.090		.149			4.938		.147		
	4.941		.298			4.791		.296		
	15.270	6.090		.885		14.816	4.939		.891	
4	6.429		.150			4.152		.150		
	6.279		.150			4.002		.150		
	6.129		.300			3.852		.300		
	15.837	6.279		1.185		12.006	4.002		1.191	
5	7.702		.148			1.513		.149		
	7.554		.146			1.364		.150		
	7.408		.294			1.214		.299		
	22.664	7.555		1.479		4.091	1.364		1.490	
		28.704					20.737			

F.B. 2960 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
Notes by: F. E. Brooks
Weather: Overcast Light Sprinkle
Time: 10:05 - 18:25
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-1A To: BM 9-2A
Date: 4 Aug 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	8.102	28.704	.152	1.479		1.638	20.732	.147	1.490	
	7.950		.151			1.491		.144		
	7.799		.303			1.347		.291		
	23.851	7.950		1.782		4.476	1.492		1.781	
7	7.349		.150			3.297		.148		Summation of Run From B.M. 9-1A To B.M. 9-2A
	7.199		.147			3.149		.147		
	7.052		.297			3.002		.295		
	21.600	7.200		2.079		9.448	3.149		2.076	
8	5.654		.088		#19	4.247		.093		BM 9-2A Alondra Blvd and San Gabriel River. See F.B. 1375-215
	5.566		.090			4.154		.089		
	5.476		.178			4.065		.182		
	16.696	5.565		2.257	78°	12.466	4.155		2.258	
F.B. 1860 P.G. 20										Total Backsights = + 49.419 Total Foresights = − 29.528 Diff. Elev. = +19.891
										Backsight stadia = 2.257 Foresight Stadia = 2.258 Total Stadia = 4.515 = .29
		49.419					29.528			

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, light sprinkle — Inst. No. 15066
Notes by: F. E. Brooks — Time: 10:30-10:40 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-2A To: 9-1A
Date: 4 Aug 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	4.272		.090		#19	5.679		.088		BM 9-2A
	4.182		.091			5.591		.089		Alondra Blvd and San
	4.091		.181			5.502		.177		Gabriel River.
	12.545	4.182		.181	78°	16.772	5.591		.177	See F.B. 1375-215
2	3.303		.149			7.364		.147		
	3.154		.146			7.207		.149		T Rodriguez
	3.008		.295			7.058		.296		
	9.465	3.155		.476		21.619	7.206		.473	
3	1.612		.148			8.072		.150		
	1.464		.147			7.922		.149		
	1.317		.295			7.773		.299		
	4.393	1.464		.771		23.767	7.922		.772	
4	1.550		.148			7.741		.148		
	1.402		.150			7.593		.146		
	1.252		.298			7.447		.294		
	4.204	1.401		1.069		22.781	7.594		1.066	
5	4.129		.148			5.408		.150		
	3.981		.149			5.258		.150		
	3.832		.297			5.108		.300		
	11.942	3.981		1.366		15.774	5.258		1.366	
		14.183					33.571			

F.B. 2260 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.

8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Overcast Light sprinkle
Time: 10:30 - 10:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-2A To: BM 9-1A
Date: 4 Aug 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	5.110	14.183'	.149	1.362		5.262	33.571'	.150	1.366	
	4.961		.148			5.112		.146		
	4.813		.297			4.966		.296		
	14.884	4.961'		1.663		15.340	5.113'		1.662	
7	5.599		.149			5.348		.149		Summation of Run From B.M. 9-2A To B.M. 9-1A
	5.450		.158			5.199		.148		
	5.302		.307			5.051		.297		
	16.351	5.450'		1.970		15.598	5.199'		1.959	
8	5.174		.146		#19	5.777		.148		BM 9-1A Hayford St. and NMSH Ave
	5.028		.148			5.629		.145		
	4.879		.294			5.484		.293		
	15.081	5.027'		2.264	78°	16.890	5.630'		2.252	See F.B. 1375-213
F.B. 2860 P.G. 22										Total Backsights = + 29.621 Total Foresights = − 49.513 Diff. Elev. = −19.892
										Backsight stadia = 2.264 Foresight Stadia = 2.252 Total Stadia = 4.516 = .29
		29.621'					49.513'			

76P526-CE 379—10-57

8-24-61

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 2:00-2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-2A To B.M. 9-2B
Date 4 Aug. 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
	5.009		.150		#19	5.851		.148		B.M. 9-2A
	4.859		.148			5.703		.149		Alondra Blvd. and
9	4.711		.298			5.554		.297		San Gabriel River
	14.579	4.860		.298	90°	17.108	5.703		.297	See F.B. 1375-215
	43.66		.088			6.329		.088		B.M. 9-2B
	4.278		.088			6.241		.089		Alondra Blvd. and
10	4.190		.176			6.152		.177		San Gabriel River
	12.834	4.278		.474		18.722	6.241		.474	See F.B. 1375-215
										T Maldonado
										Summation of Run
										From B.M. 9-2A
										To B.M. 9-2B
										Total Backsights = + 9.138
										Total Foresights = − 11.944
										Diff. Elev. = − 2.806'
										Backsight stadia = .474
										Foresight Stadia = .474
										Total Stadia = .948'
										= .06'
		9.138					11.944			

F.B. 2860 P.G. 23

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: 1:55 - 2:00 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 9-2B To: B.M. 9-2A
Date: 4 Aug 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	6.322		.089		#19	4.359		.089		B.M. 9-2B
	6.233		.086			4.270		.087		Alondra Blvd. and
	6.147		.175			4.183		.176		San Gabriel River
	18.702	6.234		.175	90°	12.812	4.271		.176	See F.B. 1375-215
2	5.980		.149			5.138		.149		B.M. 9-2A
	5.831		.148			4.989		.148		Alondra Blvd. and
	5.683		.297			4.841		.297		San Gabriel River
	17.494	5.831		.472		14.968	4.989		.473	See F.B. 1375-215
										Summation of Run From B.M. 9-2B To B.M. 9-2A
										Total Backsights = + 12.065 Total Foresights = − 9.260 Diff. Elev. = + 2.805
										Backsight stadia = .472 Foresight Stadia = .473 Total Stadia = .945 = .06
		12.065					9.260			

F.B. 2860 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
Notes by: F. E. Brooks
Weather: Clear
Time: 2:05-2:45
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 03.01.02
From B.M. 9-2B To B.M. 9-3A
Date: 4 Aug 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	1.810		.148		#19	8.071		.146		B.M. 9-2B
	1.662		.152			7.925		.145		Alondra Blvd. and
	1.510		.300			7.780		.291		San Gabriel River
	4.982	1.661		.300	90°	23.776	7.925		.291	See F.B. 1375-215
2	1.881		.149			8.569		.148		
	1.732		.147			8.421		.150		T Esquer
	1.585		.296			8.271		.298		
	5.198	1.733		.596		25.261	8.420		.589	
3	2.396		.147			6.929		.148		
	2.248		.147			6.781		.147		
	2.101		.294			6.634		.295		
	6.744	2.248		.890		17.344	5.781		.884	
4	5.319		.150			6.869		.148		
	5.169		.146			6.721		.149		
	5.023		.296			5.572		.297		
	15.511	5.170		1.186		17.162	5.721		1.181	
5	5.673		.148			5.107		.147		
	5.525		.150			4.960		.149		
	5.375		.298			4.811		.296		
	16.573	5.524		1.484		14.878	4.959		1.477	
		16.336					32.806			

F.B. 1960 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: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 2:05 - 2:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From: BM 9-2B To: BM 9-3A
Date: 4 Aug 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	16.336	.148	1.484		4.865	32.806	.150	1.477	
	4.833		.148			4.715		.150		
	4.685		.296			4.565		.300		
	4.499	4.833		1.780		4.145	4.715		1.777	
7	4.782		.149			4.920		.150		
	4.633		.148			4.770		.147		
	4.485		.297			4.623		.297		
	13.900	4.633		2.077		14.313	4.771		2.074	
8	5.465		.148			5.148		.147		
	5.307		.147			5.001		.149		
	5.160		.295			4.852		.296		
	15.922	5.307		2.372		15.001	5.000		2.370	
9	5.591		.146			5.208		.148		
	5.445		.149			5.060		.152		
	5.296		.295			4.908		.300		
	16.332	5.444		2.667		15.176	5.059		2.670	
10	4.744		.147			4.984		.149		
	4.597		.150			4.835		.148		
	4.447		.297			4.687		.297		
	13.788	4.596		2.964		14.506	4.835		2.964	
		41.149					57.186			

F.B. 2860 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.

5-29-61

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-2B To BM 9-3A
Date 4 Aug 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	5.295	41.149'	.150	2.964		5.478	57.186	.151	2.967	
	5.145		.150			5.327		.148		
	4.995		.300			5.179		.299		
	15.435	5.145'		3.264		15.984	5.328		3.266	
12	5.190		.167		#19	5.799		.167		BM 9-3A Alondra Blvd and Studebaker Rd. See F. B. 1375-211
	5.023		.168			5.632		.165		
	4.855		.335			5.467		.332		
	15.068	5.023'		3.599	94°	16.898	5.633		3.598	
		51.317'					68.147			

Summation of Run
From B.M. 9-2B
To B.M. 9-3A

Total Backsights = + 51.317
Total Foresights = −68.147
Diff. Elev. = −16.830

Backsight stadia = 3.599
Foresight stadia = 3.598
Total Stadia = 7.197
= .45 mi

F.B. 1860 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
Notes by: F. E. Brooks
Weather: Clear
Time: 1:10 – 1:50
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-3A To: BM 9-2B
Date: 4 Aug 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	6.585		.166		#19	4.975		.168		BM 9-3A
	6.419		.170			4.807		.165		Alondra Blvd and
	5.249		.336			4.642		.333		Studebaker Rd.
	6.253	5.418		.336	92°	14.424	4.808		.333	See F.B. 1375-211
2	4.795		.148			4.615		.149		
	4.647		.146			4.466		.147		T Esquer
	4.501		.294			4.319		.296		
	13.943	4.648		.630		13.400	4.467		.629	
3	4.783		.147			4.544		.149		
	4.636		.149			4.395		.147		
	4.487		.296			4.248		.296		
	13.906	4.635		.926		13.187	4.396		.925	
4	5.092		.149			5.479		.150		
	4.943		.151			5.329		.146		
	4.792		.300			5.183		.296		
	14.827	4.942		1.226		15.991	5.330		1.221	
5	6.044		.145			5.351		.147		
	4.899		.149			5.204		.150		
	4.750		.294			5.054		.297		
	14.693	4.898		1.520		15.609	5.203		1.518	
		24.541					24.204			

F.B. 2860 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
Notes by: F. E. Brooks
Weather: Clear
Time: 1:10 –
Inst. No. 45066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0201.02
From: BM 9-3A To: BM 9-2B
Date: 4 Aug 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	4.826	24.541	.146	1.526		4.690	24.204	.148	1.518	
	4.680		.150			4.542		.151		
	4.530		.296			4.391		.299		
	4.036	4.679		1.816		3.623	4.541		1.817	
7	4.847		.148			4.964		.148		
	4.699		.150			4.816		.148		
	4.549		.298			4.668		.296		
	14.095	4.698		2.114		14.448	4.816		2.113	
8	4.712		.145			5.282		.151		
	4.567		.146			5.131		.147		
	4.421		.291			4.984		.298		
	13.700	4.567		2.405		15.397	5.132		2.411	
9	5.705		.146			5.151		.147		
	5.559		.150			5.004		.149		
	5.409		.296			4.855		.296		
	16.673	5.558		2.701		15.010	5.003		2.707	
10	5.965		.147			2.429		.146		
	5.818		.149			2.283		.150		
	5.669		.296			2.133		.296		
	17.452	5.817		2.997		6.845	2.282		3.003	
		49.860					45.978			

F.B. 2860 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.

8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 1:10 - 1:50
Inst. No.: #5066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-3A To: BM 9-2B
Date: 4 Aug 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	8.550	49.860	.147	2.997		1.862	45.978	.148	3.003	
	8.403		.150			1.714		.147		
	8.253		.297			1.567		.295		
	25.206	8.402		3.294		5.143	1.714		3.298	
12	8.108		.147		#19	1.844		.149		BM 9-2B
	7.961		.151			1.695		.147		Alondra Blvd and San
	7.810		.298			1.548		.296		Gabriel River
	23.879	7.960		3.592	90°	5.087	1.696		3.594	See F.B. 1375-215
										Summation of Run From B.M. 9-3A To B.M. 9-2B
F.B. 1280 P.G. 30										Total Backsights = + 66.222 Total Foresights = − 49.388 Diff. Elev. = + 16.834
										Backsight Stadia = 3.592 Foresight Stadia = 3.594 Total Stadia = 7.186 = .45 mi
		66.222					49.388			

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.

8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-3A To B.M. 9-3B
Date: 4 Aug 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
	5.871		.093		#19	5.423		.087		B.M. 9-3A
	5.778		.091			5.336		.088		Alondra Blvd. and
	5.687		.184			5.248		.175		Studebaker Rd.
	17.336	5.779		184	94°	16.007	5.336		175	See F.B. 1375-211
										B.M. 9-3B
										Alondra Blvd. and
										Studebaker Rd.
										See F.B. 1375-211
										Summation of Run
										From B.M. 9-3A
										To B.M. 9-3B
										Total Backsights = + 5.779
										Total Foresights = — 5.336
										Diff. Elev. = + .443
										Backsight stadia = .184
										Foresight Stadia = .175
										Total Stadia = .359
										= .02 mi

F.B. 2810 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: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 3:00 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: B.M. 9-3B To: B.M. 9-3A
Date: 4 Aug 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
	5.330		.088		#19	5.779		.092		B.M. 9-3B
	5.242		.089			5.687		.095		Alondra Blvd. and
	5.153		.177			5.592		.187		Studebaker Rd.
	15.725	5.242		.177	94°	17.058	5.686		.187	See F.B. 1375-211
										B.M 9-3A
										Alondra Blvd. and
										Studebaker Rd.
										See F.B. 1375-211
										Summation of Run
										From B.M. 9-3B
										To B.M. 9-3A
										Total Backsights = + 5.242
										Total Foresights = − 5.686
										Diff. Elev. = − .444
										Backsight stadia = .177
										Foresight Stadia = .187
										Total Stadia = 364
										= .02 mi

F.B. 2860 P.G. 32

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 3:05-3:35 Rod No. 19-20

Name L.A. Co, Precise Level Net
Job No. 0301.02
From B.M. 9-3B To B.M. 9-4
Date 4 Aug 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	6.313		.132		#19	6.719		.133		B.M. 9-3B
	6.181		.132			6.586		.135		Alondra Blvd. and
	6.049		.264			5.451		.268		Studebaker Rd.
	15.543	5.181		.264	94°	16.756	5.585		.268	See F.B. 1375-211
2	4.611		.152			5.332		.146		
	4.459		.150			5.186		.149		π Maldonado
	4.309		.302			5.037		.295		
	13.379	4.460		.566		15.555	5.185		.563	
3	5.068		.149			5.269		.148		
	4.919		.151			5.121		.150		
	4.768		.300			4.971		.298		
	14.755	4.918		.866		15.361	5.120		.861	
4	5.147		.149			5.311		.151		
	4.998		.151			5.160		.149		
	4.847		.300			5.011		.300		
	14.992	4.997		1.166		15.482	5.161		1.161	
5	4.999		.152			5.187		.149		
	4.847		.148			5.038		.149		
	4.699		.300			4.889		.298		
	14.545	4.848		1.466		15.114	5.038		1.459	
		24.404					26.089			

F.B. 1880 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: P. E. Brooks
Notes by: P. E. Brooks
Weather: Clear
Time: 3:05-3:35
Inst. No.: 15066
Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0701.02
From: BM 9-33 To: BM 9-4
Date: 4 Aug 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	5.019	24.404	.149	1.466		5.243	26.089	.148	1.459	
	4.870		.151			5.095		.148		
	4.719		.300			4.947		.296		
	14.608	4.869		1.766		15.285	5.095		1.755	
7	5.093		.146			5.293		.150		
	4.947		.149			5.143		.150		
	4.798		.295			4.993		.300		
	14.838	4.946		2.061		15.429	5.143		2.055	
8	4.493		.133			5.079		.148		
	4.360		.132			4.931		.144		
	4.228		.265			4.787		.292		
	13.081	4.360		2.326		14.797	4.932		2.344	
9	4.813		.151			5.124		.145		
	4.662		.152			4.979		.141		
	4.510		.303			4.838		.286		
	13.985	4.662		2.629		14.941	4.980		2.633	
10	4.862		.149			5.183		.147		
	4.713		.149			5.036		.149		
	4.564		.298			4.887		.296		
	14.139	4.713		2.927		15.106	5.035		2.929	
		47.954					51.274			

F.B. 2860 P.G. 34

76P526-CE 379—10-57

8-29-61

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: Clear
Time: 3:05 - 3:35
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-3B To: BM 9-4
Date: 4 Aug 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	4.911	47.954	.148	2.927		4.980	51.274	.148	2.929	Summation of Run
	4.763		.150			4.832		.144		From B.M. 9-3B
	4.613		.298			4.688		.292		To B.M. 9-4
	14.287	4.762		3.225		14.500	4.833		3.221	
12	4.803		.145			4.207		.150		Total Backsights = + 66.663
	4.658		.148			4.057		.149		Total Foresights = − 70.012
	4.510		.293			3.908		.299		Diff. Elev. = − 3.349
	13.971	4.657		3.518		12.172	4.057		3.520	
13	4.873		.146			5.059		.148		Backsight stadia = 4.100
	4.727		.148			4.911		.149		Foresight Stadia = 4.097
	4.579		.294			4.762		.297		Total Stadia = 8.197
	14.179	4.726		3.812		14.732	4.911		3.817	= .52 mi
14	4.708		.145		#19	5.077		.140		BM 9-4
	4.563		.143			4.937		.140		Studebaker Rd and
	4.420		.288			4.797		.280		166th St.
	13.691	4.564		4.100	94°	14.811	4.937		4.097	See F.B. 1395-9
		66.663					70.012			

F.B. 1396 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
Notes by: F. E. Brooks
Weather: Overcast
Time: 8:20 – 9:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-4 To: BM 9-3B
Date: 8 Aug 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	4.413		.142		#19	4.043		.143		BM 9-4
	4.271		.141			3.900		.141		Studebaker Rd and
	4.130		.283			3.759		.284		166 th St.
	12.814	4.271		.283	68°	11.702	3.901		.284	See F.B. 1375-9
2	4.990		.150			4.811		.148		T Maldonado
	4.840		.148			4.663		.146		
	4.692		.298			4.517		.294		
	14.522	4.841		.581		13.991	4.664		.578	
3	4.220		.150			4.819		.149		
	4.070		.148			4.670		.150		
	3.922		.298			4.520		.299		
	12.212	4.071		.879		14.009	4.670		.877	
4	4.950		.148			4.882		.150		
	4.802		.145			4.732		.146		
	4.657		.293			4.586		.296		
	14.409	4.803		1.172		14.200	4.733		1.173	
5	6.143		.146			4.822		.150		
	4.997		.148			4.672		.146		
	4.849		.294			4.526		.296		
	14.989	4.996		1.466		14.020	4.673		1.469	
		22.982					22.641			

F.B. 2860 P.G. 36

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: 8:20 - 9:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0391.02
From: BM9-4 To: BM9-3B
Date: 8 Aug. 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	4.997	22.982	.150	1.466		4.673	22.641	.145	1.469	
	4.847		.150			4.528		.149		
	4.697		.300			4.379		.294		
	14.541	4.847		1.766		13.580	4.527		1.763	
7	4.942		.149			4.356		.134		
	4.793		.145			4.222		.132		
	4.648		.294			4.090		.266		
	14.383	4.794		2.060		12.668	4.223		2.029	
8	5.211		.149			5.012		.149		
	5.062		.150			4.863		.150		
	4.912		.299			4.713		.299		
	15.185	5.062		2.359		14.588	4.863		2.328	
9	5.167		.147			4.949		.155		
	5.020		.143			4.794		.154		
	4.877		.290			4.640		.309		
	15.064	5.021		2.649		14.383	4.794		2.637	
10	5.162		.145			4.979		.153		
	5.017		.147			4.826		.155		
	4.870		.292			4.671		.308		
	15.049	5.016		2.941		14.476	4.825		2.945	
		47.722					45.873			

F.B. 1010 P.G. 37

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: overcast — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 8:20 - 9:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-4 To: BM 9-3B
Date: 8 Aug 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	5.200	49.722	.150	2.941		5.033	46.873	.148	2.945	Summation of Run
	5.050		.150			4.885		.148		From B.M. 9-4
	4.900		.300			4.737		.296		To B.M. 9-3B
	15.150	5.050		3.241		14.655	4.885		3.241	
12	5.230		.150			5.030		.151		Total Backsights = + 68.588
	5.080		.149			4.879		.148		Total Foresights = − 65.244
	4.931		.299			4.731		.299		Diff. Elev. = + 3.344
	15.241	5.080		3.540		14.640	4.880		3.540	
13	5.326		.148			4.604		.153		Backsight stadia = 4.102
	5.178		.148			4.451		.151		Foresight Stadia = 4.111
	5.030		.296			4.300		.304		Total Stadia = 8.213
	15.534	5.178		3.836		13.355	4.452		3.844	= .52 mi
14	5.691		.133		#19	5.288		.135		BM 9-3B
	5.558		.133			5.153		.132		Alondra Blvd and
	5.425		.266			5.021		.269		Studebaker Rd.
	16.674	5.558		4.102	70°	15.462	5.154		4.111	See F.B. 1325 - 211
		68.588					65.244			

F.B. 2960 P.G. 38

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Overcast Inst. No. 15066
Notes by: F. E. Brooks Time: 9:10 – 9:50 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 9-4 To: B.M. 9-6B
Date: 8 Aug. 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	4.753		.148		#19	4.639		.150		B.M. 9-4
	4.605		.150			4.489		.150		Studebaker Rd. and
	4.455		.298			4.339		.300		166th St.
	13.813	4.604		.298	70°	13.467	4.489		.300	See F.B. 1375-9
2	5.133		.146			5.468		.149		
	4.987		.149			5.319		.150		T. Rodriguez
	4.838		.296			5.169		.299		
	14.958	4.986		.593		15.956	5.319		.599	
3	4.200		.151			5.482		.150		
	4.049		.149			5.332		.149		
	3.900		.300			5.183		.299		
	12.149	4.050		.893		15.997	5.332		.898	
4	3.757		.150			5.293		.150		
	3.607		.149			5.143		.150		
	3.458		.299			4.993		.300		
	10.822	3.607		1.192		15.429	5.143		1.198	
5	3.882		.151			4.947		.150		
	3.731		.148			4.797		.149		
	3.583		.299			4.648		.299		
	11.196	3.732		1.491		14.392	4.797		1.497	
		20.979					25.080			

F.B. 2860 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
Notes by: F. E. Brooks
Weather: Overcast
Time: 9:10 - 9:50
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-4 To: BM 9-6B
Date: 8 Aug 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	4.059	20.979	.151	1.491		4.962	25.080	.150	1.497	
	3.908		.147			4.812		.149		
	3.761		.298			4.663		.299		
	11.728	3.909		1.789		14.437	4.812		1.796	
7	4.429		.147			5.382		.150		
	4.282		.150			5.232		.150		
	4.132		.297			5.082		.300		
	12.843	4.281		2.086		15.696	5.232		2.096	
8	4.588		.150			5.059		.150		
	4.438		.149			4.909		.148		
	4.289		.299			4.761		.298		
	13.315	4.438		2.385		14.729	4.910		2.394	
9	4.323		.151			5.110		.150		
	4.172		.148			4.960		.150		
	4.024		.299			4.810		.300		
	12.519	4.173		2.684		14.880	4.960		2.694	
10	4.169		.150			4.591		.149		
	4.019		.149			4.442		.150		
	3.870		.299			4.292		.299		
	12.058	4.019		2.983		13.325	4.442		2.993	
		4.799					49.436			

F.B. 2816 P.G. 40

76P526-CE 379—10-57

8-24-61

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 Overcast Inst. No. 15066
Notes by F. E. Brooks Time 9:10 - 9:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-4 To BM 9-6B
Date 8 Aug. 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
11	4.497	4.799	.149	2.983		5.020	49.436	.148	2.993
	4.348		.149			4.872		.150	
	4.199		.298			4.722		.298	
	13.044	4.348		3.281		14.614	4.871		3.291
12	4.551		.148			4.579		.150	
	4.403		.147			4.429		.150	
	4.256		.295			4.279		.300	
	13.210	4.403		3.576		13.287	4.429		3.591
13	4.570		.047			4.276		.056	
	4.523		.049			4.220		.056	
	4.474		.096			4.164		.112	
	13.567	4.522		3.672		14.160	4.720		3.703
14	4.520		.110		#19	4.282		.108	
	4.410		.110			4.174		.106	
	4.300		.220			4.068		.214	
	13.230	4.410		3.892	72°	12.524	4.175		3.917
		59.482					67.631		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 9-4
To B.M. 9-6B

Total Backsights = + 59.482
Total Foresights = − 67.631
Diff. Elev. = −8.149

Backsight stadia = 3.892
Foresight Stadia = 3.917
Total Stadia = 7.809
= .49 mi

BM 9-6B
Studibaker Rd and
Artesia Ave
See F.B. 1375-87

F.B. 1960 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
Notes by: F. E. Brooks
Weather: Hazy
Time: 10:00 - 10:35
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-6B To: BM 9-4
Date: 8 Aug 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	4.370		.102		#19	4.602		.100		BM 9-6B
	4.268		.105			4.502		.100		Studebaker Rd and
	4.163		.207			4.402		.200		Artesia Ave
	12.801	4.267		.207	72°	13.506	4.502		.200	see F.B. 1375-87
2	4.788		.053			4.588		.051		
	4.735		.052			4.537		.051		T Rodriguez
	4.683		.105			4.486		.102		
	14.206	4.735		.312		13.611	4.537		.302	
3	4.420		.152			4.390		.148		
	4.268		.148			4.242		.148		
	4.120		.300			4.094		.296		
	12.808	4.269		.612		12.726	4.242		.598	
4	4.654		.147			4.132		.150		
	4.507		.149			3.982		.150		
	4.358		.296			3.832		.300		
	13.519	4.506		.908		11.946	3.982		.898	
5	4.402		.150			3.980		.151		
	4.252		.149			3.829		.148		
	4.103		.299			3.681		.299		
	12.757	4.252		1.207		11.490	3.830		1.197	
		22.029					21.093			

F.B. 1860 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 10:00 – 10:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM9-6B To BM9-4
Date 8 Aug 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	5.062	22.~~029~~ 30	.149	1.207		4.276	21.093	.149	1.197	
	4.913		.146			4.127		.150		
	4.767		.295			3.977		.299		
	14.742	4.914		1.502		12.380	4.127		1.496	
7	5.110		.150			4.639		.150		
	4.960		.150			4.489		.149		
	4.810		.300			4.340		.299		
	14.880	4.960		1.802		13.468	4.489		1.795	
8	5.530		.148			4.582		.150		
	5.382		.150			4.432		.149		
	5.232		.298			4.283		.299		
	16.144	5.381		2.106		13.297	4.432		2.094	
9	5.028		.149			4.123		.150		
	4.879		.150			3.973		.148		
	4.729		.299			3.825		.298		
	14.636	4.879		2.399		11.921	3.974		2.392	
10	5.129		.149			4.067		.150		
	4.980		.150			3.917		.149		
	4.830		.299			3.768		.299		
	14.939	4.980		2.698		11.752	3.917		2.691	
		~~47.143~~					~~42.022~~			

F.B. 2860 P.G. 43

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.

8-20-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Hazy
Time: 10:00 - 10:35
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0701.02
From: BM 9-6B To: BM 9-4
Date: 8 Aug. 1961
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean 47.143 ~~45.350~~	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean 42.032 ~~40.555~~	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	6.673	~~47.143~~	.148	2.698		4.135	~~42.032~~	.147	2.691	Summation of Run
	6.525		.150			3.988		.149		From B.M. 9-6B
	6.375		.298			3.839		.296		To B.M. 9-4
	16.573	6.524		2.996		11.962	3.987		2.987	67.949 ~~66.157~~
12	6.763		.150			4.482		.150		Total Backsights = + 67.949
	6.613		.146			4.332		.147		Total Foresights = − ~~59.803~~
	6.467		.296			4.185		.297		Diff. Elev. = ~~58.325~~ + 8.146
	16.843	6.614		3.292		12.999	4.333		3.284	~~58.325 + 7.852~~
13	6.440		.148			6.107		.148		Backsight stadia = 3.888
	6.292		.150			4.959		.149		Foresight Stadia = 3.881
	6.142		.298			4.810		.297		Total Stadia = 7.769
	15.874	6.291		3.590		14.876	4.959		3.581	= .49 mi
14	4.526		.149		#19	4.642		.151		BM 9-4
	4.377		.149			4.491		.149		Studebaker Rd and
	4.228		.298			4.342		.300		166th St.
	13.131	4.377		3.888	80°	13.475	4.492		3.881	See F.B. 1375-9
		~~66.157~~					~~59.803~~			
		~~67.949~~					~~58.325~~			
		67.949								

F.B. 1860 P.G. 44

76P526-CE 379—10-57

8-24-61

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: Overcast — Inst. No. 15066
Notes by: F. E. Brooks — Time: 9:50 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-6B To B.M. 9-6A
Date: 8 Aug. 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
	3.961		.103		#19	4.168		.108		B.M. 9-6B
	3.858		.103			4.060		.108		Studebaker Rd. and
	3.755		.206			3.952		.216		Artesia Ave.
	11.574	3.858		.206	72°	12.180	4.060		.216	See F.B. 1375-87
										B.M. 9-6A
										Studebaker Rd. and
										Artesia Ave.
										See F.B. 1375-87
										T Rodriguez
										Summation of Run
										From B.M. 9-6B
										To B.M. 9-6A
										Total Backsights = + 3.858
										Total Foresights = − 4.060
										Diff. Elev. = − 0.202
										Backsight stadia = .206
										Foresight Stadia = .216
										Total Stadia = .422
										= .03 mi

F.B. 2860 P.G. 45

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

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8-24-61

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 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-6A To: BM 9-6B
Date: 8 Aug 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
	4.191		.108		#19	3.985		.103		B.M. 9-6 A
	4.083		.108			3.882		.103		Studebaker Rd. and
	3.975		.216			3.779		.206		Artesia Ave.
	12.249	4.083		.216		11.646	3.883		.206	See F.B. 1375-87
										B.M. 9-6 B
										Studebaker Rd. and
										Artesia Ave.
										See F.B. 1375-87
										T Rodriguez
										Summation of Run
										From B.M. 9-6A
										To B.M. 9-6B
										Total Backsights = + 4.083
										Total Foresights = − 3.883
										Diff. Elev. = + 0.200
F.B. 2860 P.G. 46										Backsight stadia = .216
										Foresight Stadia = .206
										Total Stadia = .422
										= .03 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 11:30 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-6A To BM 9-7
Date 8 Aug 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	4.569		.227		#19	4.999		.220		B.M. 9-6A
	4.342		.223			4.779		.220		Studebaker Rd. and
	4.119		.450			4.559		.440		Artesia Ave.
	13.030	4.343		.450	80°	14.337	4.779		.440	See F.B. 1375-87
2	4.963		.148			4.051		.149		
	4.815		.147			3.902		.149		T. Maldonado
	4.668		.295			3.753		.298		
	14.446	4.815		.746		11.706	3.902		.738	
3	4.618		.085			3.837		.085		
	4.533		.082			3.752		.082		
	4.451		.167			3.670		.167		
	13.602	4.534		.912		11.259	3.753		.905	
4	8.829		.149			9.910		.147		
	8.680		.149			9.763		.144		
	8.531		.298			9.619		.291		
	26.040	8.680		1.210		29.292	9.764		1.196	
5	2.293		.146			5.018		.150		
	2.147		.147			4.868		.149		
	2.000		.293			4.719		.299		
	6.440	2.147		1.503		14.605	4.868		1.495	
		24.519					27.066			

F.B. 2660 P.G. 40

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 11:30 - 12:00 Rod No 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 9-LA To BM 9-7
Date 8 Aug 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	4.658	4.519	.149	1.503		4.741	27.066	.150	1.495	
	4.509		.150			4.591		.148		
	4.359		.299			4.443		.298		
	13.526	4.509		1.802		13.775	4.592		1.793	
7	4.319		.149			5.341		.149		
	4.170		.150			5.192		.148		
	4.020		.299			5.044		.297		
	12.509	4.170		2.101		15.577	5.192		2.090	
8	4.482		.151			4.737		.149		
	4.331		.148			4.588		.148		
	4.183		.299			4.440		.297		
	12.996	4.332		2.400		13.765	4.588		2.387	
9	4.302		.151			4.718		.150		
	4.151		.149			4.568		.147		
	4.002		.300			4.421		.297		
	12.455	4.152		2.700		13.707	4.569		2.184	
10	4.392		.149			4.613		.146		
	4.243		.147			4.467		.149		
	4.096		.296			4.318		.295		
	12.731	4.244		2.996		13.398	4.466		2.979	
		45.926					50.473			

F.B. 2960 P.G. 48

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.

KC
8-24-61

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 11:30 – 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 9-6A To BM 9-7
Date 8 Aug 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	4.242	45.926	.148	4.996		4.390	60.473	.151	2.979	
	4.094		.144			4.239		.150		
	3.950		.292			4.089		.301		Summation of Run
	12.286	4.095		3.288		12.718	4.239		3.280	From B.M. 9-6A
12	4.498		.150			4.659		.149		~~To B.M. 9-7~~
	4.348		.149			4.510		.150		
	4.199		.299			4.360		.299		
	13.045	4.348		3.587		13.529	4.510		3.579	
13	4.492		.155		#19	6.431		.157		BM 9-7
	4.337		.158			6.274		.155		Studebaker Rd and 183rd St.
	4.179		.313			6.119		.302		
	13.008	4.336		3.900	78°	16.824	6.275		3.881	See F.B. 1375-11
										Total Backsights = + 58.705
										Total Foresights = − 64.497
										Diff. Elev. = − 5.792
										Backsight stadia = 3.900
										Foresight Stadia = 3.881
										Total Stadia = 7.781
										= .49 mi.
		58.705					64.497			

F.B. 2866 P.G. 59

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 10:50 - 11:30
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-7 To BM 9-CA
Date 8 Aug 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	5.509		.158			4.570		.159		BM 9-7
	5.357		.159			4.411		.158		Studebaker Rd and 183rd St.
	5.192		.307			4.253		.307		
	16.052	5.351		.307		13.234	4.411		.307	See F.B. 1375-11
2	4.760		.151			4.543		.146		
	4.559		.149			4.397		.149		π Maldonado
	4.410		.300			4.248		.295		
	13.679	4.560		.607		13.188	4.396		.602	
3	4.304		.148			4.160		.150		
	4.156		.148			4.010		.149		
	4.008		.296			3.861		.299		
	12.468	4.156		.903		12.031	4.010		.901	
4	4.559		.149			4.338		.150		
	4.410		.149			4.188		.149		
	4.261		.298			4.039		.299		
	13.230	4.410		1.201		12.565	4.188		1.200	
5	4.758		.150			4.341		.150		
	4.608		.149			4.191		.149		
	4.459		.299			4.042		.299		
	13.825	4.608		1.500		12.574	4.191		1.509 1.499	
		23.085					21.196			

F.B. 2860 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: 10:50 – 11:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-7 To: BM 9-6A
Date: 8 Aug. 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	4.721	23.085	.150	1.500		4.468	21.196	.149	1.489	
	4.571		.150			4.319		.149		
	4.421		.300			4.170		.298		
	13.713	4.571		1.800		12.957	4.319		1.894	
7	5.410		.148			4.388		.150		
	5.262		.146			4.238		.148		
	5.116		.294			4.090		.298		
	15.788	5.263		2.094		12.716	4.239		2.096	
8	4.782		.150			4.699		.149		
	4.632		.147			4.550		.150		
	4.485		.297			4.400		.299		
	13.899	4.633		2.391		13.649	4.550		2.394	
9	5.043		.146			2.323		.149		
	4.897		.149			2.174		.147		
	4.748		.295			2.027		.296		
	14.688	4.896		2.686		6.524	2.175		2.690	
10	9.919		.150			8.832		.144		
	9.769		.147			8.688		.148		
	9.622		.297			8.540		.292		
	29.310	9.770		2.983		26.060	8.687		2.982	
		52.218					45.166			

F.B. 2860 P.G. 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: 10:50 – 11:30 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-7 To: BM 9-6A
Date: 8 Aug 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
	3.876	52.218'	.085	2.983		4.657	45.166	.084	3.076	
	3.791		.082			4.573		.082		
11	3.709		.167			4.491		.166		
	11.376	3.792		3.150		13.721	4.574		3.148	Summation of Run
	3.581		.149			4.491		.146		From B.M. 9-7
	3.432		.149			4.345		.147		To B.M. 9-6A
12	3.283		.298			4.198		.293		
	10.296	3.432		3.448		13.034	4.345		3.441	
	5.143		.220		#19	4.711		.227		BM 9-6A
	4.923		.221			4.484		.223		Studebaker Rd and
13	4.702		.441			4.261		.450		Artesia Blvd.
	14.768	4.923		3.889	80°	13.456	4.485		3.891	see F.B.
										Total Backsights = + 64.365
										Total Foresights = − 58.570
										Diff. Elev. = + 5.795
										Backsight stadia = 3.889
										Foresight Stadia = 3.891
										Total Stad. = 7.780
		64.365					58.570			= .49 mi

F.B. 2860 P.G. 52

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: overcast Inst. No. 15066
Notes by: H. L. Birlew Time: 9:30 - 10:10 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-7 To B.M. 9-8
Date: Aug 9 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	5.300		.149		#19	4.983		.146		B.M. 9-7
	5.151		.148			4.837		.147		Studebaker Rd. and
	5.003		.297			4.690		.293		183rd. St.
	15.454	5.151		.297	68°	14.510	4.837		.293	See F.B. 1375-11
2	3.555		.147			4.179		.151		
	3.408		.148			4.028		.149		T Brooks
	3.260		.295			3.879		.300		
	10.223	3.408		.592		12.086	4.028		.593	
3	4.287		.150			4.562		.148		
	4.137		.150			4.414		.146		
	3.987		.300	.892		4.268		.294		
	12.411	4.137				13.244	4.415		.887	
4	4.583		.149			4.874		.151		
	4.434		.149			4.723		.148		
	4.285		.298			4.575		.299		
	13.302	4.434		1.190		14.172	4.724		1.186	
5	4.601		.153			4.820		.153		
	4.448		.153			4.667		.155		
	4.295		.306			4.512		.308		
	13.344	4.448		1.496		13.999	4.666		1.494	
		21.578					22.670			

F.B. 2860 P.G. 53

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: H L Birlew
Weather: Over Cast
Time: 9:30 - 10:10
Inst. No: 15066
Rod No.: 19 - 20

Name: LA Co. Precise Level Net
Job No.: 0301.02
From: BM 9-7 To: BM 9-8
Date: Aug 9, 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	3.995	21.588	.150	1.496		3.990	22.670	.149	1.494	
	3.845		.150			3.841		.146		
	3.695		.300	1.796		3.695		.295		
	11.535	3.845				11.526	3.842		1.789	
7	3.820		.150			3.318		.148		
	3.670		.148			4.170		.150		
	3.522		.298			4.020		.298		
	11.012	3.671		2.094		12.508	4.169		2.087	
8	3.884		.144			4.399		.150		
	3.740		.146			4.249		.149		
	3.594		.290			4.100		.299		
	11.218	3.739		2.384		12.748	4.249		2.386	
9	3.859		.149			3.812		.147		
	3.710		.147			3.665		.147		
	3.563		.296			3.518		.294		
	11.132	3.711		2.680		10.995	3.665		2.680	
10	4.030		.148			4.468		.149		
	3.882		.147			4.319		.151		
	3.735		.295			4.168		.300	2.980	
	11.647	3.882		2.975		12.955	4.318			
		42.426					42.913			

F.B. 2860 P.G. 54

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.

© 8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM9-7 To BM9-8
Date Aug 9, 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	4.258	40.426	.148	2.975		4.768	42.913	.149	2.980	
	4.110		.147			4.619		.151		
	3.963		.295			4.468		.300		
	12.331	4.110		3.270		13.855	4.618		3.280	Summation of Run
12	4.486		.148			4.916		.148		From B.M. 9-7
	4.338		.148			4.768		.149		To B.M. 9-8
	4.190		.296			4.619		.297		Total Backsights = + 56.209
	13.014	4.338		3.566		14.303	4.768		3.577	Total Foresights = − 62.021
13	4.263		.148			4.564		.152		Diff. Elev. = − 5.812
	4.115		.147			4.412		.149		
	3.968		.295			4.263		.301		Backsight stadia = 4.178
	12.346	4.115		3.86		13.239	4.413		3.878	Foresight Stadia = 4.178
										Total Stadia = 8.356 = .53 m.
14	3.378		.158		#19	5.459		.149		BM9-8
	3.220		.159			5.310		.151		Studebaker Rd and
	3.061		.317			5.159		.300		South St.
	9.659	3.220		4.178	68°	15.928	5.309		4.178	See F.B. 1375-12
		56.209					62.021			

F.B. 1060 P.G. 55

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: T. E. Brooks
Notes by: H. BIRLEW
Weather: OVERCAST
Time: 8:30 - 9:25
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-8 To: BM 9-7
Date: Aug 9 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	5.329		.152		#19	3.247		.160		BM 9-8
	5.177		.152			3.087		.162		Studebaker Rd and
	5.025		.304			2.925		.322		South St.
	15.531	5.177		.304	68°	9.259	3.086		.322	See F.B. 1375-12
2	4.613		.150			4.314		.148		T. BROOKS
	4.463		.148			4.166		.148		
	4.315		.298			4.018		.296		
	13.391	4.464		.602		12.498	4.166		.618	
3	4.880		.148			4.451		.149		
	4.732		.149			4.302		.147		
	4.583		.297			4.155		.296		
	14.195	4.732		.899		12.908	4.303		.914	
4	4.689		.148			4.182		.150		
	4.541		.149			4.032		.146		
	4.392		.297			3.886		.296		
	13.622	4.541		1.196		12.100	4.033		1.210	
5	4.556		.152			4.116		.146		
	4.404		.149			3.970		.147		
	4.255		.301			3.823		.293		
	13.215	4.405		1.497		11.909	3.970		1.503	
		23.319					19.558			

F.B. 1320 P.G. 62

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 H. BIRLEW Time 8:30-9:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-8 To BM 9-7
Date Aug. 9-1961
Indexed H. E. OT.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	3.910	23.319	.148	1.497		3.957	19.558	.148	1.503	F. BROOKS
	3.762		.148			3.809		.148		
	3.614		.296			3.661		.296		
	11.286	3.762		1.793		11.427	3.809		1.799	
7	4.370		.150			3.858		.147		
	4.220		.150			3.711		.146		
	4.070		.300	2.093		3.565		.293		
	12.660	4.220				11.135	3.712		2.092	
8	4.538		.148			4.039		.149		
	4.390		.148			3.890		.149		
	4.242		.296			3.741		.298		
	13.170	4.390		2.389		11.670	3.890		2.390	
9	3.964		.146			3.970		.150		
	3.818		.148			3.820		.150		
	3.670		.294			3.670		.300	2.690	
	11.452	3.817		2.683		11.460	3.820			
10	4.730		.152			4.511		.152		
	4.578		.156			4.359		.155		
	4.422		.308			4.204		.307		
	13.730	4.577		2.991		13.074	4.358		2.997	
		44.085					39.147			

F.B. 1660 P.G. 57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
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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 H. BIRLEW Time 8:30 - 9:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 03 01.02
From BM 9-8 To BM 9-7
Date AUG. 9, 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
	4.833	44.085	.150	2.991		4.543	39.147	.150	2.997	
11	4.683		.149			4.393		.150		
	4.534		.299			4.243		.300		Summation of Run
	14.050	4.683		3.290		13.179	4.393		3.297	From B.M. 9-8
										To B.M. 9-7
	4.634		.149			4.356		.149		
12	4.485		.148			4.207		.149		Total Backsights = + 62.156
	4.337		.297			4.058		.298		Total Foresights = − 56.344
	13.456	4.485		3.587		12.621	4.207		3.595	Diff. Elev. = + 5.812
	4.140		.151			3.517		.149		
13	3.989		.149			3.368		.148		Backsight stadia = 4.181
	3.840		.300			3.220		.297		Foresight Stadia = 4.190
	11.969	3.990		3.887	68°	10.105	3.368		3.892	Total Stadia = 8.371 = .55 mi
	5.060		.148		#19	5.378		.150		BM 9-7
14	4.912		.146			5.228		.148		Studebaker Rd and
	4.766		.294			5.080		.298		183rd st.
	14.738	4.913		4.181		15.686	5.229		4.190	See F.B. 1375-11
		62.156					56.344			

F.B. 2000 P.G. 68

76P526-CE 379--10-57

CC 8-24-61

PLEASE RETURN TO
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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 R. R. RODRIGUEZ Time 10:30 - 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-8 To B.M. 9-8A
Date 9 Aug 1961
Indexed H. E. OT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6451		149		#19	4669		148		B.M. 9-8
	6302		150			4521		149		Studebaker Rd. and
1	6152		299			4372		297		South St.
	18905	6302		299	68°	13562	4521		297	See F.B. 1375-12
	7301		147			3050		146		T. MALDONADO
	7162		148			2904		146		Summation of Run
2	7014		295			2758		292		From B.M. 9-8
	21485	7162		594		8712	2904		589	To B.M. 9-8A
	8471		146			2518		151		Total Backsights = + 28597
	8325		147			2367		149		Total Foresights = − 12237
3	8178		293			2218		[illegible]		Diff. Elev + 16360
	24974	8325		587		7103	2368		898	
	6909		100		#19	2547		104		BM 9-8A
	6808		100			2443		100		South St. and San
4	6708		200			2343		204		Gabriel River
	20424	6808		1087	68°	7333	2444		1093	See FB 1375-217
										Backsight stadia = 1.087
										Foresight Stadia = 1.093
										Total Stadia = 1.180
										− .14
		28597					12237			

F.B. 1360 P.G. 59

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.

8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather OVER CAST Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 11:40-12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM9-8A To BM9-8
Date 9 Aug 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	2562		100		#19	6928		099		BM9-8A
	2462		103			6824		100		South St and San Gabriel
	2359		203			6724		199		River
	7383	2461		203	68°	20471	6824		199	See F.B. 1375-217
2	2679		149			8637		148		Summation of Run T = Maldonado
	2530		150			8489		149		From B.M. 9-8A
	2380		299			8340		297		To B.M. 9-8
	7589	2530		502		25466	8489		496	
3	3170		146			7430		147		Total Backsights = + 12713
	3024		145			7283		146		Total Foresights = − 29075
	2879		291			7137		293		Diff. Elev. = −16362
	9073	3024		793		21850	7283		789	
4	4843		144			6628		149		BM9-8
	4699		148			6479		149		Studebaker Rd and
	4551		292			6330		298		South St.
	14093	4698		1085		19437	6479		1087	See F.B. 1375-12
					#19					Backsight stadia = 1.085
										Foresight Stadia = 1.087
					68°					Total Stadia = 2.172
		12713					29075			= .14 mi.

F.B. 1360 P.G. 60

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 R. L. Rodriguez Time 10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-8A To BM 9-8B
Date 9 Aug. 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
	3042		110		#19	2753		093		B.M. 9-8A
	2932		110			2660		093		South St. and
	2822		220			2567		186		San Gabriel River
	8794	2937		220	68°	7980	2660		186	See F.B. 1375-217
										B.M. 9-8B
										South St. and
										San Gabriel River
										See F.B. 1375-217
										T Maldonado
										Summation of Run
										From B.M. 9-8A
										To B.M. 9-8B
										Total Backsights = + 2937
										Total Foresights = − 2660
										Diff. Elev. = + 0.277
										Backsight stadia = 220
										Foresight Stadia = 186
										Total Stadia = 406
										= .03 mi.

F.B. 2869 P.G. 61

7-24-61

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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 R. R. RODRIGUEZ Time 11:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-8B To B.M. 9-8A
Date 9 Aug 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
	2.752		093		#19	3.040		109		B.M. 9-8B
	2.659		091			2.931		109		South St. and
	2.568		184			2.822		218		San Gabriel River
	7.979	2.659		184	68	8.793	2.931		218	See F.B. 1375-217
										B.M. 9-8A
										South St. and
										San Gabriel River
										See F.B. 1375-217
										Summation of Run
										From B.M. 9-8B
										To B.M. 9-8A
										Total Backsights = + 2.659
										Total Foresights = − 2.931
										Diff. Elev. = − 0.272
										Backsight stadia = .184
										Foresight Stadia = .218
										Total Stadia = .402
										= .03 mi.

F.B. 2260 P.G. 62

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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 10:45-11:10
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701, 02
From BM 9-8B To BM 9-9
Date 9 Aug 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
1	7.339		.150		#19	3.728		.149		BM 9-8B
	7.189		.148			3.579		.149		South Stand
	7.041		.298			3.430		.298		San Gabriel River
	21.569	7.190		.298	68	10.737	3.579		.298	See F.B. 1375-217
2	6.018		.150			6.262		.150		
	5.868		.149			6.112		.146		T Maldonado
	5.719		.299			5.966		.296		
	17.605	5.868		.597		18.340	6.113		.594	
3	5.278		.157			6.614		.155		
	5.121		.153			6.459		.151		
	4.968		.300			6.308		.306		
	15.367	5.122		.897		19.381	6.460		.902	
4	3.832		.152			7.887		.156		
	3.680		.151			7.731		.152		
	3.529		.303			7.579		.308		
	11.041	3.680		1.200		23.197	7.732		1.208	
5	2.608		.158			8.490		.150		
	2.450		.158			8.340		.148		
	2.292		.316			8.192		.298		
	7.350	2.450		.1516		25.022	8.341		.1506	
		24.310					32.225			

F.B. 1610 P.G. 63

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8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Overcast
Time 10:45-11:10
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-8B To BM 9-9
Date 9 Aug 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	2.867	24.310	.149	1.516	#19	8.066	32.225	.147	1.506	
	2.718		.150			7.918		.148		
	2.568		.299			7.770		.295		
	8.153	2.718		1.815		23.753	7.918		1.801	
7	3.867		.146			5.772		.151		Summation of Run From B.M. 9-8B To B.M. 9-9
	3.721		.142			5.621		.152		
	3.579		.288			5.469		.303		
	11.167	3.722		2.103		16.862	5.621		2.104	
8	5.010		.147			5.114		.150		Total Backsights = + 44.708
	4.863		.145			4.964		.147		Total Foresights = − 61.234
	4.718		.292			4.817		.297		Diff. Elev. = − 16.526
	14.591	4.864		2.395		14.895	4.965		2.401	
9	4.698		.149			4.750		.153		Backsight stadia = 2.765
	4.549		.149			4.597		.154		Foresight Stadia = 2.777
	4.400		.298			4.443		.307		Total Stadia = 5.542
	13.647	4.549		2.693		13.790	4.597		2.701	= .35 mi
10	4.581		.036		#19	5.946		.038		BM 9-9
	4.545		.036			5.908		.038		Palo Verde Ave. and
	4.509		.072			5.870		.076		South St.
	13.635	4.545		2.765	170°	17.724	5.908		2.777	See F.B. 1375-13
		44.708					61.234			

F.B. 2210 P.G. 64

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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: 11:15 - 11:35
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-9 To BM 9-BB
Date: 9 Aug 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	5.786		.037		#19	4.421		.035		B.M. 9-9
	5.749		.038			4.386		.036		Palo Verde Ave. and
	5.711		.075			4.350		.071		South St.
	17.246	5.749		.075	70°	13.157	4.386		.071	See F.B. 1375-13
2	4.791		.152			4.739		.149		
	4.639		.152			4.590		.148		T. Maldonado
	4.487		.304			4.442		.297		
	13.917	4.639		.379		13.771	4.590		.368	
3	5.119		.150			5.018		.148		
	4.969		.147			4.870		.148		
	4.822		.297			4.722		.296		
	14.910	4.970		.676		14.610	4.870		.664	
4	5.783		.149			3.884		.148		
	5.634		.146			3.736		.148		
	5.488		.296			3.588		.296		
	16.905	5.635		.971		11.208	3.736		.960	
5	7.959		.149			2.759		.149		
	7.810		.148			2.610		.149		
	7.662		.297			2.461		.298		
	23.431	7.810		1.268		7.830	2.610		1.258	
		28.803					20.192			

F.B. 1860 P.G. 65

8-24-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Overcast
Time 11:15 - 11:35
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-9 To BM 9-BB
Date 9 Aug 1961
Indexed n. 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	8.448	28.803	.150	1.268	#19	2.562	20.192	.154	1.258	
	8.298		.149			2.408		.157		
	8.149		.299			2.251		.301		
	24.895	8.298		1.567		7.221	2.407		1.569	
7	7.983		.153			3.931		.152		Summation of Run
	7.830		.152			3.779		.152		From B.M. 9-9
	7.678		.305			3.627		.304		To B.M. 9-BB
	23.491	7.830		1.872		11.337	3.779		1.875	
8	6.864		.154			5.528		.157		Total Backsights = + 61.455
	6.710		.157			5.371		.154		Total Foresights = − 44.930
	6.553		.311			5.217		.301		Diff. Elev. = + 16.525
	20.127	6.709		2.183		16.116	5.372		2.184	
F.B. 2860 P.G. 66 9	6.299		.149			6.052		.149		Backsight stadia = 2.775
	6.150		.148			5.903		.150		Foresight Stadia = 2.777
	6.002		.297			5.753		.299		Total Stadia = 5.552
	18.451	6.150		2.480		17.708	5.903		2.483	= .35 mi
10	3.813		.148		#19	7.423		.145		BM 9-8B.
	3.665		.147			7.278		.149		south St. and
	3.518		.295			7.129		.294		San Gabriel River
	10.996	3.665		2.775	1.8°	21.830	7.277		2.777	See F.B. 1375-217
		61.455					44.930			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: overcast Inst. No. 15066
Notes by: F. E. Brooks Time: 2:15-3:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From BM 9-9 To BM 9-10
Date: 9 Aug 1961
Indexed: H. E. OT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.591		150		#19	5.091		144		BM 9-9
	5.441		151			4.947		147		Palo Verde Ave and
	5.290		301			4.800		291		South St.
	16.322	5.441		301	74°	14.838	4.946		291	See F.B. 1375-13
2	4.953		145			5.308		150		T Maldonado
	4.808		148			5.158		148		
	4.660		293			5.010		298		
	14.421	4.807		594		15.476	5.159		589	
3	4.932		145			5.329		149		
	4.787		147			5.180		150		
	4.640		292			5.030		299		
	14.359	4.786		886		15.539	5.180		888	
4	4.950		150			5.164		146		
	4.800		148			5.018		148		
	4.652		298			4.870		294		
	14.402	4.801		1184		15.052	5.017		1.182	
5	4.822		148			5.178		148		
	4.674		145			5.030		149		
	4.529		293			4.881		297		
	14.025	4.675		1.477		15.089	5.030		1.479	
		24.510					25.332			

F.B. 2860 P.G. 67

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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: 2:15 - 3:00
Inst. No.: 15066
Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0701.02
From: BM19-9 To: BM19-10
Date: 9 Aug 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	4.900	24.510	149	1.477		5.270	25.332	150	1.479	
	4.751		149			5.120		150		
	4.602		298			4.970		300		
	14.253	4.751		1.775		15.360	5.120		1.779	
7	4.852		145			5.187		149		
	4.707		149			5.038		148		
	4.558		295			4.890		297		
	14.117	4.706		2.070		15.115	5.038		2.076	
8	4.968		150			5.864		146		
	4.818		148			5.718		148		
	4.670		298			5.570		294		
	14.456	4.819		2.368		17.152	5.717		2.370	
9	5.696		148			5.069		147		
	5.548		149			4.922		145		
	5.399		297			4.777		292		
	16.643	5.548		2.665		14.768	4.923		2.662	
10	5.124		147			5.079		148		
	4.977		150			4.931		147		
	4.827		297			4.784		295		
	14.928	4.976		2.962		14.794	4.931		2.957	
		49.310					51.061			

F.B. 2860 P.G. 68

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Overcast — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 2:15 - 3:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 03 01.02
From: BM19-9 To: BM19-10
Date: 9 Aug 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	5.459	49.310	149			5.817	51.067	149		
	5.310		149			5.668		149		
	5.161		298			5.519		298		
	15.930	5.310				17.004	5.668			
12	5.551		149			5.438		147		
	5.402		145			5.291		151		
	5.257		294			5.140		298		
	16.210	5.403				15.869	5.290			
13	5.038		148			5.589		150		
	4.890		150			5.439		149		
	4.740		298			5.290		299		
	14.668	4.889				16.318	5.439			
14	5.414		148			5.468		149		
	5.266		149			5.319		149		
	5.117		297			5.170		298		
	15.797	5.266				15.957	5.319			
15	5.112		149			5.348		149		
	4.963		149			5.199		149		
	4.814		298			5.050		298		
	14.889	4.963				15.597	5.199			
		75.141					77.972			

F.B. 1860 P.G. 69

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Overcast — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 1:15 - 3:00 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM9-9 To: BM9-10
Date: 9 Aug 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	4.758	75.141	149			5.248	77.976	148		
	4.609		150			5.100		148		
	4.459		299			4.952		296		
	13.826	4.609				15.300	5.100			
17	5.128		149			5.429		150		
	4.979		148			5.279		149		
	4.831		297			5.130		299		
	14.938	4.979				15.838	5.279			
18	4.803		145			4.924		147		
	4.658		148			4.777		150		
	4.510		293			4.627		297		
	13.971	4.657				14.328	4.776			
19	5.043		150			5.439		148		
	4.893		150			5.291		144		
	4.743		300			5.147		292		
	14.679	4.893				15.877	5.292			
20	5.011		149			5.330		149		
	4.862		145			5.181		149		
	4.717		294			5.032		298		
	14.590	4.863				15.543	5.181			
		99.142					103.608			

F.B. 2860 P.G.

76P526-CE 379—10-57

8-24-61

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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 Overcast Inst. No. 15066
Notes by F. E. Brooks Time 2:15 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-9 To BM 9-10
Date 9 Aug 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	4.398	99.142	.139	5.929	#19	6.151	103.608	.139	5.931	B.M. 9-10
	4.259		.139			6.012		.139		Palo Verde Ave. and
	4.120		.278			5.873		.278		Del Amo Blvd.
	12.777	4.259		6.207	74°	18.036	6.012		6.209	See F.B. 1375-14
										Summation of Run From B.M. 9-9 To B.M. 9-10
										Total Backsights = + 103.401 Total Foresights = − 109.620 Diff. Elev. = − 6.219
										Backsight Stadia = 6.207 Foresight Stadia = 6.209 Total Stadia = 12.416 .78 m.
		103.401					109.620			

F.B. 2820 P.G. 71

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: Overcast
Time: 1:15 – 2:15
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.03
From: BM 9-10 To: BM 9-9
Date: 9 Aug. 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	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.127		.140		#19	4.371		.139		B.M. 9-10
	6.987		.138			4.232		.137		Pala Verde Ave. and
	6.849		.278			4.095		.276		Del Amo Blvd.
	17.963	6.988		.278	72°	12.698	4.233		.276	See F.B. 1375-14
2	6.422		.149			6.107		.150		
	6.273		.145			4.957		.149		T Maldonado
	6.128		.294			4.808		.299		
	15.823	6.274		.572		14.872	4.957		.575	
3	6.438		.148			5.040		.149		
	6.290		.149			4.891		.149		
	6.141		.297			4.742		.298		
	15.869	6.290		.869		14.673	4.891		.873	
4	6.039		.150			4.919		.148		
	4.889		.149			4.771		.149		
	4.740		.299			4.622		.297		
	14.668	4.889		1.168		14.312	4.771		1.170	
5	6.402		.150			6.099		.148		
	6.252		.150			4.951		.149		
	5.102		.300			4.802		.297		
	15.756	6.252		1.468		14.852	4.951		1.467	
		26.693					28.803			

F.B. 2860 PG. 72

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: Overcast — Inst. No. 15066
Notes by: F. E. Brooks — Time: 1:15 - 2:15 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-10 To: BM 9-9
Date: 9 Aug 1961
Indexed: H. E. Ow

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.186	26.693	.147	1.468	#19	4.697	23.803	.149	1.467	
	5.039		.148			4.548		.149		
	4.891		.295			4.399		.298		
	15.116	6.039		1.763		13.644	4.548		1.765	
7	5.360		.149			5.127		.149		
	5.211		.149			4.978		.148		
	5.062		.298			4.830		.297		
	15.633	5.211		2.061		14.935	4.978		2.061	
8	5.468		.150			5.416		.148		
	5.318		.150			5.268		.149		
	5.168		.300			5.119		.297		
	15.954	5.318		2.361		15.803	5.268		2.359	
9	5.640		.150			5.090		.150		
	5.490		.150			4.940		.150		
	5.340		.300			4.790		.300		
	16.470	5.490		2.661		14.820	4.940		2.659	
10	5.489		.150			5.601		.148		
	5.339		.149			5.453		.144		
	5.190		.299			5.309		.292		
	16.018	5.339		2.960		16.363	5.454		2.951	
		53.090					48.991			

F.B. 1860 P.G. 17

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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 overcast Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 9-10 To BM 9-9
Date 9 Aug 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	5.871	5.096	.149	2.960	#19	5.513	48.991	.146	2.951 ✓	
	5.722		.146			5.367		.149		
	5.576		.296 ✓			5.218		.296 ✓		
	17.169	5.723		3.256 ✓		16.098	5.366		3.246 ✓	
12	5.109		.150			5.161		.149		
	4.959		.147			5.002		.151		
	4.812		.297 ✓			4.851		.300 ✓		
	14.880	4.960		3.552 ✓		15.004	5.001		3.546 ✓	
13	5.159		.147			5.283		.145		
	5.012		.145			5.138		.149		
	4.867		.292 ✓			5.489		.294 ✓		
	15.038	5.013		3.844 ✓		16.910	5.637		3.840 ✓	
14	5.995		.147			5.097		.150		
	5.848		.149			4.947		.148		
	5.699		.296 ✓			4.799		.298 ✓		
	17.542	5.847		4.140 ✓		14.843	4.948		4.138 ✓	
15	5.230		.148			4.898		.148		
	5.082		.149			4.750		.151		
	4.933		.297 ✓			4.600		.299 ✓		
	15.245	5.082		4.437 ✓		14.248	4.749		4.437 ✓	
		79.715 ✓					74.692 ✓			

F.B. 1860 P.G. 74

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 Overcast Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 2:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-10 To BM 9-9
Date 9 Aug 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	5.112	79.715	.149	4.437	#19	4.742	74.692	.149	4.437	
	4.963		.149			4.593		.146		
	4.814		.298			4.447		.295		
	14.889	4.963		4.735		13.782	4.594		4.732	
17	5.208		.149			4.851		.148		
	5.059		.148			4.703		.144		
	4.911		.297			4.559		.292		
	15.178	5.059		5.032		14.113	4.704		5.024	
18	5.168		.148			4.951		.149		
	5.020		.149			4.802		.145		
	4.871		.297			4.657		.294		
	15.059	5.020		5.319		14.410	4.803		5.318	
19	5.319		.150			4.924		.146		
	5.169		.147			4.778		.149		
	5.022		.297			4.629		.295		
	15.510	5.170		5.626		14.331	4.777		5.613	
20	5.151		.139			4.810		.148		
	5.012		.135			4.662		.144		
	4.869		.274			4.518		.292		
	15.030	5.010		5.900		13.990	4.663		5.905	
		104.937					98.233			

F.B. 1629 P.G. 15

8-24-61

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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 Overcast Inst. No. 15062
Notes by F. E. Brooks Time 1:15-2:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 9-10 To BM 9-9
Date 9 Aug 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	6.231	104.937	.144	6.900	#19	6.732	98.233	.150	6.905	BM 9-9
	6.087		.147			6.582		.150		Palo Verde Ave. and
	4.940		.291			6.432		.300		South St.
	16.258	6.086		6.191	74°	16.746	5.582		6.205	See F.B. 1375-13
										Summation of Run From B.M. 9-10 To B.M. 9-9
										Total Backsights = + 110.023 Total Foresights = − 103.815 Diff. Elev. = + 6.208
										Backsight stadia = 6.191 Foresight Stadia = 6.205 Total Stadia = 12.396 = .78 mi
		110.023					103.815			

F.B. 2660 P.G. 76

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: Overcast — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 8:30 - 9:05 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-10 To: BM 9-11
Date: 11 Aug. 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	6.103		.149		#19	6.682		.150		BM 9-10
	6.954		.146			6.532		.150		Palo Verde Ave. and
	6.808		.295			6.382		.300		Del Amo Blvd.
	17.865	5.955		.295	70°	16.596	6.532		.300	See F.B. 1375-14
2	4.819		.149			6.622		.148		
	4.670		.148			6.474		.145		T Maldonado
	4.522		.297			5.329		.293		
	14.011	4.670		.592		16.425	5.475		.593	
3	4.007		.149			4.910		.149		
	3.858		.147			4.761		.149		
	3.711		.296			4.612		.298		
	11.576	3.859		.888		14.283	4.761		.891	
4	4.848		.149			6.577		.148		
	4.699		.148			5.429		.149		
	4.551		.297			6.280		.297		
	14.098	4.699		1.185		16.286	5.429		1.188	
5	4.868		.149			6.532		.148		
	4.719		.149			6.384		.146		
	4.570		.298			6.238		.294		
	14.157	4.719		1.483		16.154	5.385		1.482	
		23.902					26.582			

F.B. 2860 P.G. 77

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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. Br~~ F. E. Brooks Weather Overcast Inst. No. 15026
Notes by Time 8:30 - 9:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-10 To BM 9-11
Date 11 Aug 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	4.992	23.902	.148	1.483		5.528	26.582	.149	1.482	
	4.844		.146			5.379		.149		
	4.698		.294			5.230		.298		
	14.534	4.845		1.777		16.137	5.379		1.780	
7	4.620		.149			5.029		.149		
	4.471		.148			4.880		.149		
	4.323		.297			4.731		.298		
	13.414	4.471		2.074		14.640	4.880		2.078	
8	4.966		.148			5.452		.145		
	4.818		.149			5.307		.148		
	4.669		.297			5.159		.293		
	14.453	4.818		2.371		15.918	5.306		2.371	
9	5.121		.149			5.473		.146		
	4.972		.149			5.327		.148		
	4.823		.298			5.179		.294		
	14.916	4.972		2.669		15.979	5.326		2.665	
10	5.048		.150			5.427		.148		
	4.898		.147			5.279		.149		
	4.751		.297			5.130		.297		
	14.697	4.899		2.966		15.836	5.279		2.962	
		47.907					52.752			

F.B. 2860 P.G. 78

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.

8-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Overcast
Time: 8:30 - 9:05
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-10 To: BM 9-11
Date: 11 Aug 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
11	5.049	47.907	.147	2.966	#19	5.459	52.752	.149	2.962	Summation of Run
	4.902		.150			5.310		.149		From B.M. 9-10
	4.752		.297			5.161		.298		To B.M. 9-11
	14.703	4.901		3.263		16.930	5.310		3.260	
12	5.161		.148			5.519		.149		Total Backsights = + 66.982
	5.013		.145			5.370		.148		Total Foresights = − 74.451
	4.868		.293			5.222		.297		Diff Elev = − 7.469
	15.042	5.014		3.556		16.111	5.370		3.557	
13	5.028		.148			5.271		.153		Backsight stadia = 3.896
	4.880		.148			5.118		.156		Foresight Stadia = 3.916
	4.732		.296			4.962		.309		Total Stadia = 7.812
	14.640	4.880		3.852		15.351	5.117		3.866	.49
14	4.302		.022		#19	5.922		.026		B.M. 9-11
	4.280		.022			5.901		.024		Palo Verde Ave. and
	4.258		.044			5.877		.050		Centralia St.
	12.840	4.280		3.896	76°	17.705	5.902		3.916	See F.B. 1375-15
		66.982					74.451			

F.B. 1860 P.G. 79

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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: 10:30 – 11:00 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-11 To: BM 9-10
Date: 11 Aug 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	5.891		.025		#19	4.268		.022		B.M. 9-11
	5.866		.026			4.246		.023		Palo Verde Ave. and
	5.840		.051			4.223		.045		Centralia St.
	17.597	5.866		.051	76°	12.737	4.246		.045	sec F.B. 1375-15
2	5.189		.157			4.942		.145		
	5.032		.153			4.797		.149		T Maldonado
	4.879		.310			4.648		.294		
	15.100	5.033		.361		14.387	4.796		.339	
3	5.400		.148			5.048		.149		
	5.252		.144			4.899		.148		
	5.108		.292			4.751		.297		
	15.760	5.253		.653		14.698	4.899		.636	
F.B. 2860 P.G. 80 4	5.413		.145			5.011		.152		
	5.268		.145			4.859		.150		
	5.123		.290			4.709		.302		
	16.804	5.268		.943		14.579	4.860		.938	
5	5.540		.149			5.159		.148		
	5.391		.149			5.011		.144		
	5.242		.298			4.867		.292		
	16.173	5.391		1.241		15.037	5.012		1.230	
		26.811					23.813			

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: B. E. Brooks
Notes by: B. E. Brooks
Weather: Hazy
Time: 10:30 – 11:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-11 To: BM 9-10
Date: 11 Aug 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	6.542	26.811	.149	1.241		6.190	23.813	.149	1.230	
	6.393		.145			6.041		.149		
	6.248		.294			4.892		.298		
	16.183	5.394		1.535		15.123	5.041		1.528	
7	6.558		.148			6.069		.149		
	6.410		.150			4.920		.149		
	6.260		.298			4.771		.298		
	16.228	5.409		1.833		14.760	4.920		1.826	
8	4.960		.148			4.552		.145		
	4.812		.145			4.407		.148		
	4.667		.293			4.259		.293		
	14.439	4.813		2.126		13.218	4.406		2.119	
9	6.561		.150			6.028		.149		
	6.411		.148			4.879		.148		
	6.263		.298			4.731		.297		
	16.235	5.412		2.424		14.638	4.879		2.416	
10	6.589		.150			4.919		.148		
	6.439		.149			4.771		.147		
	6.290		.299			4.624		.295		
	16.318	5.439		2.723		14.314	4.771		2.711	
		53.278					47.830			

F.B. 1960 P.G. 81

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 10:30-11:00 Rod No. 19-20

Name C.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-11 To B.M. 9-10
Date 11 Aug 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	5.609	53.278	.150	2.723	#19	4.879	47.830	.149	2.711	Summation of Run
	5.459		.147			4.730		.147		From B.M. 9-11
	5.312		.297			4.583		.296		To B.M. 9-10
	16.380	5.460		3.020		14.192	4.731		3.007	
12	5.199		.148			4.298		.149		Total Backsights = + 74.420
	5.051		.149			4.149		.148		Total Foresights = − 66.960
	4.902		.297			4.001		.297		[illegible] lev. = + 7.460
	15.152	5.051		3.317		12.448	4.149		3.304	
13	5.668		.148			4.862		.149		Backsight stadia = 3.916
	5.520		.148			4.713		.146		Foresight Stadia = 3.895
	5.372		.296			4.567		.295		Total Stadia = 7.811
	16.560	5.520		3.613		14.142	4.714		3.599	= .49 mi
14	5.262		.151		#19	5.684		.147		B.M. 9-10
	5.111		.152			5.537		.149		Palo Verde Ave. and
	4.959		.303			5.388		.296		Del Amo Blvd.
	15332	5111		3.916	80°	16609	5.536		3.895	See F.B. 1375-14
		74.420					66.960			

F.B. 2860 P.G. 82

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Weather: OVERCAST
Inst. No.: 15066
Notes by: R. R. Rodriguez
Time: 9:10 – 9:45
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-11 To: BM 9-13
Date: 11-8-61
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	6452		149		#19	4902		147		B.M. 9-11
	6303		146		74°	4755		147		Palo Verde Ave. and
	6157		295			4608		294		Centralia St.
	18912	6.304		294		14265	4.755		294	See F.B. 1375-15
2	5418		150			5255		150		
	5268		147			5105		149		T. Brooks
	5121		297			4956		299		
	15807	5.269		591		15316	5.105		593	
3	5158		148			5431		149		
	5010		150			5282		147		
	4860		298			5135		296		
	15028	5.009		889		15848	5.283		889	
4	5129		147			5389		148		
	4982		150			5241		149		
	4832		297			5092		297		
	14943	4.981		1186		15722	5.241		1186	
5	5068		150			5350		148		
	4918		149			5202		150		
	4769		299			5052		298		
	14755	4.918		1485		15604	5.201		1484	
		26.481					25.585			

F.B. 2960 P.G. 83

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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 OVERCAST Inst. No. 15066
Notes by R.R. RODRIGUEZ Time 9:10 - 9-45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-11 To BM 9-13
Date 11-8-61
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	5119	26.481	148	1485		5470	25.585	150	1484	
	4971		149			5320		140		
	4822		297			5170		290		
	14912	4.971		1782		15960	5.320		1774	
7	5137		149			5532		148		
	4988		148			5384		145		
	4840		297			5239		293		
	14965	4.988		2079		16155	5.385		2067	
8	5438		148			5002		148		
	5290		148			4854		149		
	5142		296			4705		297		
	15870	5.290		2375		14561	4.854		2364	
9	5490		148			5350		148		
	5342		147			5202		147		
	5195		295			5055		295		
	16027	5.342		2570		15607	5.203		2569	
10	5218		148			5479		149		
	5070		150			5330		148		
	4920		298			5182		297		
	15208	5.069		2868		15991	5.330		2866	
		52.141					51.677			

F.B. 2860 P.G. 84

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.

(R) 9-24-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather OVERCAST Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 9:10 – 9:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-11 To BM 9-13
Date 11/8/61
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
11	5042	52.141	147	2868		5255	51.677	149	2866	Summation of Run
	4895		147			5106		147		From B.M. 9-11
	4748		294			4959		296		To B.M. 9-13
	14685	4.895		3162		15320	5.106		3162	
12	5093		150			5323		156		Total Backsights = + 72.772
	4943		151			5168		157		Total Foresights = − 74.803
	4792		301			5011		313		Diff. Elev. = − 2.031
	14828	4.943		3462		15502	5.167		3475	
13	5569		195			5108		149		Backsight stadia = 4.120
	5424		144			4959		150		Foresight Stadia = 4.146
	5280		289			4809		299		Total Stadia = 8.266
	16273	5.424		3751		14876	4.959		3774	.52 mi
14	5553		184		419	8080		187		B.M. 9-13
	5369		185			7893		185		Carson St. and
	5184		369			7708		372		Palo Verde Ave.
	16106	5.369		4120		23681	7.894		4146	See F.B. 1375-16
		72.772					74.803			

F.B. 2660 P.G. 85

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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 R. R. RODRIGUEZ Time 9:50 – 10:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-13 To BM 9-11
Date Aug 11, 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	8062		189		#19	5534		186		B.M. 9-13
	7873		185		76°	5348		185		Carson St. and
	7688		374			5163		371		Palo Verde Ave.
	23123	7874		374		16045	5348		371	See F.B. 1375-16
2	5146		149			5608		146		
	4997		149			5462		144		TT BROOKS
	4848		298			5318		290		
	14991	4997		672		16388	5463		661	
3	5428		156			5199		151		
	5272		155			5048		149		
	5117		311			4899		300		
	15817	5272		983		15146	5049		961	
F.B. 2860 P.G. 86 4	5266		146			5061		153		
	5120		144			4908		150		
	4976		290			4758		303		
	15362	5120		1273		14727	4909		1264	
5	5518		148			5256		150		
	5370		150			5106		146		
	5220		298			4960		296		
	16108	5369		1571		15322	5107		1560	
		28632					25876			

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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather HAZY Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 9:50 — 10:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-13 To BM 9-11
Date Aug 11, 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	5320	28.632	148	1571		5462	25.876	151	1560	
	5172		146			5311		147		
	5026		294			5164		298		
	15518	5.173		1865		15937	5.312		1858	
7	5127		149			5560		148		
	4978		149			5412		146		
	4829		298			5266		294		
	14934	4.978		2163		16238	5.413		2152	
8	5570		148			5170		147		
	5422		150			5023		146		
	5272		295			4877		293		
	16264	5.421		2461		15070	5.023		2495	
9	5519		151			5168		148		
	5368		148			5020		148		
	5220		299			4872		296		
	16107	5.369		2760		15060	5.020		2791	
10	5437		147			5158		152		
	5290		148			5006		149		
	5142		295			4857		301		
	15869	5.290		3055		15021	5.007		3042	
		54.862					52.651			

F.B. 2616 P.G. 97

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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: R.R. RODRIGUEZ Time: 9:50 — 10:25 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-13 To: BM 9-11
Date: 11-8-61
Indexed: H. DT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5514	54.864	149	3055		5253	51.651	148	3042	Summation of Run
	5365		147			5105		147		From B.M. 9-13
	5218		296			4958		295		To B.M. 9-11
	16097	5366		3351		15316	5105		3337	
12	5460		156			5185		148		Total Backsights = + 75.50X2
	5310		147			5037		149		Total Foresights = − 73.466
	5163		297			4888		297		Diff. Elev. = + 2.0356
	15933	5311		3648		15110	5037		3634	
13	5350		148			5514		149		Backsight stadia = 4.241
	5202		147			5365		148		Foresight Stadia = 4.226
	5055		295			5217		297		Total Stadia = 8.467
	15607	5202		3943		16096	53.65		3931	= 53 mi.
14	4908		149		#19	6455		147		B.M. 9-11
	4759		149		70	6308		148		Palo Verde Ave. and
	4610		298			6160		295		Centralia St.
	14277	4759		4241		18923	6308		4226	See F.B. 1375-15
		75.50X					73.466			
		2								

F.B. 2866 P.G. 08

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-13 To BM 9-14
Date 11 Aug 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	6.562		.149		#19	5.059		.149		B.M. 9-13
	6.413		.146			4.910		.146		Carson St. and
	6.267		.295			4.764		.295		Palo Verde Ave.
	19.242	6.414		.295	840	14.733	4.911		.295	See F.B. 1375-16
2	4.639		.151			5.063		.146		
	4.488		.148			4.917		.149		π Maldonado
	4.340		.299			4.768		.295		
	13.467	4.489		.594		14.748	4.916		.590	
3	4.568		.149			5.413		.145		
	4.419		.150			5.268		.149		
	4.269		.299			5.119		.294		
	13.256	4.419		.893		15.800	5.267		.884	
4	4.661		.145			5.038		.148		
	4.516		.146			4890		.151		
	4.370		.291			4.739		.299		
	13.547	4.516		1.184		14.667	4.889		1.183	
5	4.300		.148			5.650		149		
	4.152		.145			5.501		149		
	4.007		.293			5.352		.298		
	12.459	4.153		1.477		16.503	5.501		1.481	
		23.991					25.484			

F.B. 2860 P.G. 89

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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 11:10 – 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-13 To BM 9-14
Date 11 Aug 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	4.723	23.991	.146	1.477		5.187	25.484	.149	1.481	
	4.577		.149			5.038		.148		
	4.428		.295			4.890		.297		
	13.728	4.576		1.772		15.115	5.038		1.778	
7	4.213		.146			5.629		.148		
	4.067		.149			5.481		.144		
	3.918		.295			5.337		.292		
	12.198	4.066		2.067		16.447	5.482		2.070	
8	4.663		.145			5.267		.148		
	4.518		.148			5.119		.148		
	4.370		.293			4.971		.296		
	13.551	4.517		2.360		15.357	5.119		2.366	
9	4.303		.144			4.977		.148		
	4.159		.148			4.829		.148		
	4.011		.292			4.681		.296		
	12.473	4.158		2.652		14.487	4.829		2.662	
10	4.828		.148			4.590		.143		
	4.680		.146			4.447		.147		
	4.534		.294			4.300		.290		
	14.042	4.681		2.946		13.337	4.446		1.952	
		45.989					50.398			

F.B. 2260 PG. 90

76P526-CE 379—10-57

8-24-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Hazy Inst. No. 15066
Notes by: F. E. Brooks Time: 11:10 - 11:50 Rod No. 14-20

Name: LA. Co. Precise Level Net
Job No. 0301.02
From BM 9-13 To BM 9-14
Date 11 Aug 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	4.907	45.989	.145	2.946		4.608	50.398	.150	2.952	Summation of Run
	4.758		.148			4.458		.149		From B.M. 9-13
	4.610		.293			4.309		.299		To B.M. 9-14
	14.275	4.758		3.239		13.375	4.458		3.251	
12	4.859		.148			4.492		.144		Total Backsights = + 64.920
	4.711		.145			4.348		.148		Total Foresights = − 70.807
	4.566		.293			4.200		.292		Diff. Elev. = − 5.887
	14.136	4.712		3.532		13.040	4.347		3.543	
13	6.059		.140			4.571		.140		Backsight stadia = 3.972
	4.919		.139			4.431		.139		Foresight Stadia = 3.974
	4.780		.279			4.292		.279		Total Stadia = 7.946
	14.758	4.919		3.811		13.294	4.431		3.822	.50 mi
14	4.623		.081		#19	7.244		.075		B.M. 9-14
	4.542		.080			7.169		.077		Palo Verde Ave. and
	4.462		.161			7.092		.152		Conant St.
	13.627	4.542		3.972	86°	21.505	7.168		3.974	See F.B. 1375-17
		64.920					70.807			

F.B. 1360 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: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 1:10 - 1:45 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-14 To: BM 9-13
Date: 11 Aug 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	7.269		.078		#19	4.643		.077		BM 9-14
	7.191		.078			4.566		.079		Palo Verde Ave. and
	7.113		.156			4.487		.156		Conant St.
	21.573	7.191		.156	86°	13.696	4.565		.156	See F.B. 1375-17
2	4.670		.140			5.152		.137		
	4.530		.139			5.015		.138		T Maldonado
	4.391		.279			4.877		.275		
	13.591	4.530		.435		15.044	5.015		.431	
3	5.062		.144			5.430		.148		
	4.918		.148			5.282		.147		
	4.770		.292			5.135		.295		
	14.750	4.917		.727		15.847	5.282		.726	
F.B. 2260 P.G. 92 4	4.427		.149			4.723		.146		
	4.278		.148			4.577		.148		
	4.130		.297			4.429		.294		
	12.835	4.278		1.024		13.729	4.576		1.020	
5	4.393		.144			4.630		.147		
	4.249		.147			4.483		.145		
	4.102		.291			4.338		.292		
	12.744	4.248		1.315		13.451	4.484		1.312	
		25.164					23.922			

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 1:10 – 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From BM 9-14 To BM 9-13
Date 11 Aug. 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	4.861	25.164	.148	1.315		4.190	23.927	.148	1.312	
	4.713		.144			4.042		.144		
	4.569		.292			3.898		.292		
	14.143	4.714		1.607		12.130	4.043		1.604	
7	5.235		.146			4.633		.146		
	5.089		.149			4.487		.148		
	4.940		.295			4.339		.294		
	15.264	5.088		1.902		13.459	4.486		1.898	
8	5.613		.145			4.199		.148		
	5.468		.148			4.051		.149		
	5.320		.293			3.902		.297		
	16.401	5.467		2.195		12.152	4.051		2.195	
9	5.182		.149			4.722		.149		
	5.033		.145			4.573		.146		
	4.888		.294			4.427		.295		
	15.103	5.034		2.489		13.722	4.574		2.490	
10	5.660		.148			4.310		.147		
	5.512		.144			4.163		.147		
	5.368		.292			4.016		.294		
	16.540	5.513		2.781		12.489	4.163		2.784	
		50.980					45.239			

F.B. 2860 P.G. 93

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Clear Inst. No. 25066
Notes by: E. E. Brooks Time: 1:10 - 1:45 Rod No. 19-20

Name: LA. Co. Precise Level Net
Job No. 0301.02
From: B.M. 9-14 To: B.M. 9-13
Date: 11 Aug 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	5.150	50.980	.148	2.781	#19	4.772	45.739	.143	2.784	Summation of Run From B.M. 9-14 To B.M. 9-13
	5.002		.149			4.629		.147		
	4.853		.297			4.482		.290		
	15.005	5.002		3.078		13.883	4.628		3.074	
12	5.458		.149			4.609		.148		Total Backsights = + 70.996
	5.309		.148			4.461		.150		Total Foresights = − 65.110
	5.161		.297			4.311		.298		Diff. Elev. = + 5.886
	15.928	5.309		3.375		13.381	4.460		3.372	
13	4.921		.148			4.499		.150		Backsight stadia = 3.962
	4.773		.144			4.349		.150		Foresight Stadia = 3.966
	4.629		.292			4.199		.300		Total Stadia = 7.928
	14.323	4.774		3.117		13.047	4.349		3.672	= .50 mi.
14	5.079		.149			6.582		.149		BM. 9-13
	4.930		.146		#19	6.433		.145		Carson St. and
	4.784		.295			6.288		.294		Palo Verde Ave.
	14.793	4.931		3.962	86°	19.303	6.434		3.966	See F.B. 1375-16
		70.996					65.110			

F.B. 1860 P.G. 94

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-14 To BM 9-15A
Date 11/8/61
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	7870		149		#19	5521		146		BM 9-14
	7721		150			5375		143		Palo Verde Ave and
	7571		299			5232		289		Conant St.
	23162	7721		299		16128	5376		289	See F.B. 1375-17
2	4938		147			5740		150		
	4791		149			5590		150		T. BROOKS
	4642		296			5440		300		
	14371	4790		595		16770	5590		589	
3	4419		143			5757		149		
	4276		150			5608		148		
	4550		293			5460		297		
	13398	4799		593		16825	5608		886	
4	4517		149			5559		141		
	4368		148			5410		149		
	4550		297			5261		278		
	14095	4698		1140		16230	5410		1184	
5	4388		150			4920		145		
	4239		149			4775		145		
	4089		299			4630		290		
	12715	4238		1439		14325	4775		1174	
		26246					26759			

F.B. 2266 P.G. 95

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-14 To BM 9-15A
Date 11-8-61
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	4640	26.246	146	1489		5128	26.759	148	1474	
	4494		144			4980		146		
	4350		290			4834		294		
	13484	4495		1779		14942	4.981		1768	
7	4518		148			5020		148		
	4370		146			4872		147		
	4224		394			4725		295		
	13112	4371		2073		14617	4.872		2063	
8	4622		148			5442		150		
	4474		144			5292		147		
	4330		292			5145		297		
	13426	4475		2365		15879	5293		2360	
9	5580		175			5292		180		
	5405		175			5112		179		
	5230		350			4933		359		
	16215	5405		2715		15337	5112		2719	
10	5480		149			5155		149		
	5331		149			5006		147		
	5183		298			4859		296		
	15994	5331		3013		15020	5007		3015	
		50.323					52.029			

F.B. 2860 P.G. 96

76P526-CE 379—10-57

C 8-24-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 2:05 – 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-14 To BM 9-15A
Date 11-8-61
Indexed H. E. OD

Number of Station	BACKSIGHT Thread 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	5411	50.323	150	3313		5040	52.024	149	3015	Summation of Run
	5261		150			4891		146		From B.M. 9-14
	5111		300			4745		295		To B.M. 9-15A
	15783	5.261		3313		14676	4.892		3310	
12	5120		148			5155		151		Total Backsights = + 70.414
	4972		146			5004		152		Total Foresights = − 70.165
	4826		294			4852		303		Diff. Elev. = +0.249
	14918	4.973		3607		15011	5.004		3613	
13	5130		139			5584		137		Backsight stadia = 4.180
	4991		138			5447		139		Foresight Stadia = 4.187
	4853		277			5308		276		Total Stadia = 8.367
	14974	4.991		3884		16339	5.446		3889	= .53 mi
14	5014		148		#19	2948		149		BM 9-15A
	4866		148			2799		149		Palo Verde Ave and
	4718		296		88	2650		296		Hackett St.
	14598	4.866		4180		8397	2.799		4187	See F.B. 1375-18
		70.414					70.165			

F.B. 1066 P.G. 97

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R. D. RODRIGUEZ Time 2:50 – 3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-15A To BM 9-14
Date 11-8-61
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	3041		152		#19	5105		147		BM 9-15A
	2889		148			4958		198		Palo Verde Ave and
	2741		300		88°	4810		295		Hackett St.
	8671	2890		300		14873	4958		295	See F.B. 1375-18
2	5523		139			5068		138		
	5384		138			4930		139		T. BROOKS
	5246		277			4791		277		
	16153	5384		577		14789	4930		572	
3	5148		153			5112		145		
	4995		151			4967		147		
	4844		304			4820		292		
	14987	4996		881		14899	4966		864	
4	5201		148			5571		149		
	5053		148			5422		151		
	4905		296			5271		300		
	15159	5053		1117		16264	5421		1164	
5	5195		148			5522		149		
	5047		147			5373		150		
	4900		295			5223		299		
	15142	5047		1412		16118	5373		1463	
		23.370'					25.648			

F.B. 2860 P.G. 98

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 2:05 – 3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-15A To BM 9-14
Date 11-8-61
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	5255	73.370	178	1462		5543	25.648	175	1463	
	5077		178			5368		173		
	4899		356			5195		348		
	15231	5077		1818		16106	5367		1811	
7	5484		149			4666		148		
	5335		146			4518		148		
	5189		295			4370		296		
	16008	5336		2113		13554	4518		2107	
8	5190		148			4688		148		
	5042		146			4540		145		
	4896		294			4395		293		
	15128	5043		2407		13623	4541		2400	
9	5162		144			4678		148		
	5018		148			4530		145		
	4870		292			4385		293		
	15050	5017		2699		13593	4531		2693	
10	4741		144			4208		150		
	4597		147			4058		149		
	4450		291			3909		299		
	3788	4596		2990		12175	4058		2992	
		48.439					48.663			

F.B. 1810 P.G. 99

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather SUNNY Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 2:45 - 3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 9-15A To BM 9-14
Date 11-8-61
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	5661	48.439	149	2990		4950	48.663	149	2992	Summation of Run
	5512		146			4801		149		From B.M. 9-15A
	5366		295			4652		298		To B.M. 9-14
	16539	5.513		3285		14403	4.801		3290	
12	5786		148			4978		150		Total Backsights = + 70.529
	5638		149			4828		148		Total Foresights = − 70.780
	5489		297			4680		298		Diff. Elev. = − 0.251
	16913	5.638		3582		14486	4.829		3588	
13	5712		150			4912		149		Backsight stadia = 4.170
	5562		150			4763		147		Foresight Stadia = 4.181
	5412		300			4616		295		Total Stadia = 8.351
	16686	5.562		3882		14291	4.764		3883	= .53 mi.
14	5521		143		#19	2823		151		BM 9-14
	5378		145			2722		147		Palo Verde Ave and
	5233		288		86°	2575		298		Conant St.
	16132	5.377		4170		23170	7.723		4181	See F.B. 1375-17
		70.529					70.780			

F.B. 2860 P.G. 100

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Overcast Inst. No. 15066
Notes by: E. E. Brooks Time: 8:40 – 9:20 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 9-15A To: BM 8-34
Date: 14 Aug 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	2.930		.148		#19	5.427		.149		B.M. 9-15A
	2.782		.147			5.278		.150		Palo Verde Ave. and
	2.635		.295			5.128		.299		Hackett St.
	8.347	2.782		.295	68°	15.833	5.278		.299	See F.B. 1375-18
2	5.130		.150			5.360		.148		
	4.980		.150			5.212		.148		T Maldonado
	4.830		.300			5.064		.296		
	14.940	4.980		.595		15.636	5.212		.595	
3	5.140		.149			5.510		.147		
	4.991		.150			5.363		.146		
	4.841		.299			5.217		.293		
	14.972	4.991		.894		16.090	5.363		.888	
4	5.081		.149			5.367		.149		
	4.932		.150			5.218		.149		
	4.782		.299			5.069		.298		
	14.795	4.932		1.193		15.654	5.218		1.186	
5	5.172		.150			5.433		.145		
	5.022		.150			5.288		.149		
	4.872		.300			5.139		.294		
	15.066	5.022		1.493		15.860	5.287		1.480	
		22.707					26.358			

F.B. 2860 P.G. 101

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Weather: Overcast
Inst. No.: 15066
Notes by: F. E. Brooks
Time: 8:40–9:20
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 9-15A To: BM 8-34
Date: 14 Aug 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	4.438	22707	.148	1.493		4.882	23.658	.145	1.480	
	4.290		.150			4.777		.147		
	4.140		.298			4.590		.292		
	12.868	4.289		1.791		14.209	4.736		1.972	
7	5.168		.149			5.498		.149		
	5.019		.150			5.349		.149		
	4.869		.299			5.200		.298		
	15.056	5.019		2.090		16.047	5.349		2.070	
8	5.138		.148			5.421		.151		
	4.990		.148			5.270		.150		
	4.842		.296			5.120		301		
	14.970	4.990		2.386		15.811	5.270		2.371	
F.B. 2860 P.G. 102 9	5.090		.147			5.400		150		
	4.943		.144			5.250		.150		
	4.799		.291			5.100		.300		
	14.832	4.944		2.677		15.750	5.250		2.671	
10	5.106		.149			5.372		.145		
	4.957		.149			5.227		.148		
	4.808		.298			5.079		.297		
	14.871	4.957		2.975		15.678	5.226		2.964	
		46.906					52.189			

76P526-CE 379—10-57

(R) 8-24-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 8:40-9:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 9-15A To B.M. 8-34
Date 14 Aug 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	5.198	46.906	.150	2.975		5.650	52.189	.147	2.964	Summation of Run
	5.048		.149			5.503		.148		From B.M. 9-15A
	4.899		.299			5.355		.295		To B.M. 8-34
	15.145	5.048		3.274		11.508	5.503		3.259	
12	5.128		.151			5.283		.145		Total Backsights = +71.567
	4.977		.150			5.138		.148		Total Foresights = −78.385
	4.827		.300			4.990		.293		Diff. Elev. = −6.818
	14.932	4.977		3.574		15.411	5.137		3.552	
13	4.922		.144			5.310		.150		Backsight Stadia = 4.210
	4.778		.146			5.160		.151		Foresight Stadia = 4.203
	4.632		.290			5.009		.301		Total Stadia = 8.413
	14.332	4.777		3.864		15.479	5.160		3.853	= .53 mi.
14	4.938		.077			5.052		.072		
	4.861		.075			4.980		.072		
	4.786		.152			4.908		.144		
	14.585	4.862		4.016		14.940	4.980		3.997	
15	5.093		.095		#19	5.519		.102		BM 8-34
	4.998		.099			5.417		.104		Spring St. and
	4.899		.194			5.313		.206		Palo Verde Ave
	14.990	4.997		4.210	70	16.249	5.416		4.203	see F.B. 1209-29
		71.567					78.385			

F.B. 1209 P.G. 103

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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: 11:30 – 12:05 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-34 To BM 9-15A
Date: 14 Aug 1961
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
1	5.544		.102		#19	5.121		.098		B.M. 8-34
	5.442		.102			5.023		.096		Spring St. and
	5.340		.204			4.927		.194		Palo Verde Ave.
	16.321	5.442		.204	80°	15.071	5.024		.194	See F.B. 1209-29
2	5.153		.072			5.036		.075		
	5.081		.073			4.961		.074		π Maldonado
	5.008		.145			4.887		.149		
	15.242	5.081		.349		14.884	4.961		.343	
3	5.352		.145			4.970		.148		
	5.207		.149			4.822		.145		
	5.058		.294			4.677		.293		
	15.617	5.206		.643		14.469	4.823		.636	
F.B. 2860 P.G. 104 4	5.256		.148			5.098		.152		
	5.108		.149			4.946		.150		
	4.959		.297			4.796		.302		
	15.323	5.108		.940		14.840	4.947		.938	
5	5.599		.149			5.142		.149		
	5.450		.148			4.997		.148		
	5.302		.297			4.845		.297		
	16.351	5.450		1.237		14.980	4.993		1.235	
		26.287					24.748			

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 11:30 – 12:05 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-34 To: BM 9-15A
Date: 14 Aug 191
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	5.362	26.287	.149	1.237		5.093	24.748	.146	1.235	
	5.213		.146			4.947		.149		
	5.067		.295			4.798		.295		
	15.642	5.214		1.532		14.838	4.946		1.530	
7	5.462		.148			5.157		.149		
	5.314		.147			5.008		.149		
	5.167		.295			4.859		.298		
	15.943	5.314		1.827		15.024	5.008		1.828	
8	5.457		.147			5.178		.149		
	5.310		.148			5.029		.149		
	5.162		.295			4.880		.298		
	15.929	5.310		2.122		15.087	5.029		2.126	
9	5.403		.146			5.073		.147		
	5.257		.147			4.926		.149		
	5.110		.293			4.777		.296		
	15.770	5.257		2.415		14.776	4.925		2.422	
10	4.857		.147			4.410		.148		
	4.710		.149			4.262		.144		
	4.561		.296			4.118		.292		
	14.128	4.709		2.711		12.790	4.263		2.714	
		52.091					48.919			

F.B. 2810 P.G. 105

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 11:30 - 12:05 Rod No. 19-20

Name: L.A. Co. Precise ~~Level~~ ~~Net~~
Job No. 2301.02
From BM 8-34 To BM 9-15A
Date 14 Aug 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	5.349	5.2091	.149	2.711	#19	5.086	49.919	.148	2.714	
	5.200		.149			4.938		.151		Summation of Run
	5.051		.298			4.787		.299		From B.M. 8-34
	15.600	5.200		3.009		14.811	4.937		3.013	To B.M. 9-15A
12	5.358		.149			5.073		.146		
	5.209		.149			4.927		.148		Total Backsights = + 78.369
	5.060		.298			4.779		.294		Total Foresights = − 71.549
	15.627	5.209		3.307		14.779	4.926		3.307	Diff. Elev. = + 6.820
13	5.488		.149			5.112		.149		
	5.339		.149			4.963		.145		Backsight stadia = 4.200
	5.190		.298			4.818		.294		Foresight Stadia = 4.197
	16.017	5.339		3.605		14.893	4.964		3.601	Total Stadia = 8.397
										.53 mi.
F.B. 2860 P.G. 106 14	5.370		.148			5.140		.150		
	5.222		.149			4.990		.148		
	5.073		.297			4.842		.298		
	15.665	5.222		3.902		14.972	4.991		3.899	
15	5.457		.148		#19	2.961		.150		BM 9-15A
	5.309		.150			2.811		.148		Palo Verde Ave and
	5.159		.298			2.663		.298		Hackett St.
	15.925	5.308		4.200	78°	8.435	2.812		4.197	See F.B. 1375-18
		78.369					71.549			

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 R.R. RODRIGUEZ Time 9:30 – 1035 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-34 To BM 8-35
Date 14-8-61
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	5596		105		#19	5260		105		BM 8-34
	5491		105		70'	5155		103		Palo Verde Ave and
	5386		210			5052		208		Spring St.
	16473	5491		210		15467	5156		208	See F.B. 1209-29
2	5489		149			5129		147		
	5340		150			4982		149		π Birlew
	5190		299			4833		296		
	16019	5340		509		14944	4981		504	
3	5398		149			5041		150		
	5249		148			4891		146		
	5101		297			4745		296		
	15748	5249		806		14677	4892		800	
4	5512		146			5130		147		
	5366		147			4983		148		
	5219		293			4835		295		
	16097	5366		1099		14948	4983		1095	
5	5462		150			5070		146		
	5312		148			4924		147		
	5164		298			4777		293		
	15938	5313		1397		14771	4924		1338	
		26,759					24,936			

F.B. 2860 P.G. 107

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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 R. R. RODRIGUEZ Time 9:30 – 11:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BNB-34 To BNB-35
Date 14-8-61
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	4510	26.759	148	1397		4575	24.936	150	1388	
	4362		150			4425		149		
	4212		298			4276		299		
	13084	4361		1695		13276	4425		1687	
7	4775		147			5064		151		
	4628		146			4913		148		
	4482		293			4765		299		
	13885	4628		1988		14742	4914		1986	
8	4918		149			5274		148		
	4769		147			5126		146		
	4622		296			4980		294		
	14309	4.770		2284		15380	5126		2280	
9	5151		148			5476		148		
	5003		145			5328		146		
	4858		293			5182		294		
	15.012	5.004		2577		15986	5329		2574	
10	5433		142			5067		146		
	5291		142			4921		150		
	5149		284			4771		296		
	15.873	5.291		2861		14759	4920		2870	
		50.813					49.650			

F.B. 2860 P.G. 108

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 R R RODRIGUEZ Time 9:30 - 10:35 Rod No. 19-20

Name LLA. Co. Precise Level Net
Job No. 0301.02
From BMB-34 To BMB-35
Date 14-8-61
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	5850	50.813	141	2861		6054	49.650	143	2870	
	5709		141			5911		143		
	5568		282			5768		286		
	17127	5709		3143		17733	5911		3156	
12	5641		151			5181		148		
	5490		148			5033		145		
	5342		299			4888		293		
	16473	5491		3442		15102	5034		3449	
13	5729		148			5121		149		
	5581		149			4972		148		
	5432		297			4824		297		
	16742	5581		3739		14917	4971		3746	
14	5604		147			5150		147		
	5457		150			5003		149		
	5307		297			4854		296		
	16368	5456		4036		15007	5002		4042	
15	5702		150			5288		140		
	5552		152			5148		143		
	5402		302			5005		283		
	16656	5552		4338		15441	5147		4325	
		78.602					75.715			

F.B. 2860 P.G. 109

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather OVERCAST Inst. No. 15066
Notes by R. R. RODRIGUEZ Time 9:30 - 10:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-34 To BMB-B-35
Date 14 - 8 - 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	5542	78.602	145	4338		5521	75.715	153	4325	Summation of Run
	5397		148			5368		149		From B.M. B-34
	5249		293			5219		302		To B.M. B-35
	16188	5396		4631		16108	5369		4627	
17	5186		148			5762		152		Total Backsights = +98.581
	5038		150			5610		149		Total Foresights = −98.992
	4888		298			5461		301		Diff. Elev. = −0.411
	15112	5037		4929		16833	5611		4927	
18	4770		145			6025		148		Backsight Stadia = 5478
	4625		145			5877		149		Foresight Stadia = 5484
	4480		290			5728		297		Total Stadia = 10.962
	13875	4625		5219		17630	5877		5224	.69 mi
19	5050		128		#19	6550		130		BMB-35
	4922		131			6420		130		Spring St. and
	4791		259		24°	6290		260		Lomina Ave
	14763	4921		5478		19260	6420		5484	See F.B. 1209-30
		98.581					98.992			

F.B. 2860 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 F. E. Brooks Time 10:40 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-35 To BMB-34
Date 14 Aug 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	6.560		.130		#19	5.060		.130		BM 8-35
	6.430		.129			4.930		.130		Spring St. and Lomina
	6.301		.259			4.800		.260		Ave
	19.291	6.430		.259	74°	14.790	4.930		.260	See F.B. 1209-30
2	6.635		.148			4.782		.149		
	6.887		.147			4.633		.145		T. Birlew
	6.740		.295			4.488		.294		
	17.662	5.887		.554		13.903	4.634		.554	
3	6.720		.152			5.142		.150		
	6.568		.148			4.992		.147		
	6.420		.300			4.845		.297		
	16.708	5.569		.854		14.979	4.993		.851	
4	6.482		.150			5.509		.148		
	6.332		.148			5.361		.150		
	6.184		.298			5.211		.298		
	15.998	5.333		1.152		16.081	5.360		1.149	
5	6.226		.144			5.639		.150		
	6.082		.141			5.489		.148		
	4.941		.285			5.341		.298		
	15.249	5.083		1.437		16.469	5.490		1.447	
		28.308					25.407			

F.B. 1860 P.G. 111

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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 10:40-11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM78-35 To BM78-34
Date 14 Aug 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	5.173	28.302	.147	1.437		5.628	25.407	.149	1.447	
	5.026		.148			5.479		.149		
	4.878		.295			5.330		.298		
	15.077	5.026		1.732		16.437	5.479		1.745	
7	5.162		.148			5.773		.148		
	5.019		.149			5.625		.146		
	4.870		.297			5.479		.294		
	15.056	5.019		2.029		16.877	5.626		2.039	
8	5.224		.147			5.683		.150		
	5.077		.149			5.533		.148		
	4.928		.296			5.385		.298		
	15.229	5.076		2.325		16.601	5.534		2.337	
9	6.128		.144			5.922		.141		
	5.984		.142			5.781		.140		
	5.842		.286			5.641		.281		
	17.954	5.985		2.611		17.344	5.781		2.618	
10	5.087		.147			5.455		.144		
	4.940		.148			5.311		.142		
	4.792		.295			5.169		.286		
	14.819	4.940		2.906		15.935	5.312		2.904	
		54.348					53.139			

F.B. 2860 P.G. 112

76P526-CE 379—10-57

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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: F. E. Brooks Time: 10:40 – 11:30 Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM18-35 To: BM18-34
Date: 14 Aug 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	5.521	54.348	.150	2.906		5.197	53.139	.149	2.904	
	5.371		.147			5.048		.147		
	5.224		.297			4.901		.296		
	16.116	5.372		3.203		15.146	5.049		3.200	
12	5.394		.146			5.040		.150		
	5.248		.147			4.890		.148		
	5.101		.293			4.742		.298		
	15.743	5.248		3.496		14.672	4.891		3.498	
13	5.101		.151			4.912		.148		
	4.950		.148			4.764		.146		
	4.802		.299			4.618		.294		
	14.853	4.951		3.795		13.994	4.665		3.792	
14	4.617		.150			4.551		.149		
	4.467		.149			4.402		.148		
	4.318		.299			4.254		.297		
	13.402	4.467		4.094		13.207	4.402		4.089	
15	5.119		.150			5.509		.149		
	4.969		.147			5.360		.150		
	4.822		.297			5.210		.299		
	14.910	4.970		4.391		16.079	5.360		4.388	
		79.356					77.506			

F.B. 2860 P.G. 113

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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 11:40 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-35 To BMB-34
Date 14 Aug 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	5.221	79.356	.150	4.391		5.602	77.506	.147	4.388	
	5.071		.147			5.455		.147		
	4.924		.297			5.308		.294		Summation of Run
	15.216	5.072		4.688		16.365	5.455		4.682	From B.M. B-35
										To B.M. B-34
17	5.167		.147			5.523		.149		
	5.020		.151			5.374		.146		Total Backsights = + 99.771
	4.869		.298			5.228		.295		Total Foresights = −99.353
	15.056	5.019		4.986		16.125	5.375		4.977	Diff. Elev. = + 0.418
18	5.183		.150			5.542		.150		
	5.033		.146			5.392		.149		Backsight stadia = 5.487
	4.887		.296			5.243		.299		Foresight Stadia = 5.485
	15.103	5.034		5.282		16.177	5.392		5.276	Total Stadia = 10.972
										= .69 mi
19	5.393		.103		#19	5.730		.105		BM B-34
	5.290		.102			5.625		.104		Spring St. and Palo Verde
	5.188		.205			5.521		.209		Ave
	15.871	5.290		5.487	80°	16.876	5.625		5.485	See F.B. 1209-29
		99.771					99.353			

F.B. 2860 P.G. 114