Ck'd by

Work

Survey of L.A. Co. Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date June 1933
Indexed W. J. GAITI JUL 8 '63

F. B. 2891 PG. 5

J.N. 0301.02

L. A. Co. PRECISE LEVEL NET

L.I.N. No 44

Route
S. on Brea Canyon Rd. from Valley Blvd
To 5th Ave. then W. on 5th Ave To
Fuente Rd. and then N on
Ana Rd To Valley Blvd.

F.E. Brooks
K.M. Kapp
C.G. Valdez
M.L. Bustillos
L. Alvarez

Micro filmed June '85

75PB26-CE 378—10-67

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by K. M. Kapp
Weather Clear Inst. No. 26280
Time 11:35-12:50 Rod No. P-20

Name L.A. Co. Precise Level Net
Job No. 0341.02
From BM 11-95 To BM 1-96
Date 6-14-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.365		141		19	8.075		130		BM 11-95 (Brass Cap)
	6.229		142			7.945		132		Valley Blvd at San Lase Hills
1	6.082		283			7.813		262		Rd
	18.671	6.2237		283	80°	23.833	7.9443		262	See F.B. 2880-45
	4.323		155			6.789		161		
	4.168		154			6.628		160		T. Benchmark
2	4.014		309			6.468		321		
	12.505	4.1683		594		20.485	6.8283		583	
	4.510		152			6.725		156		
	4.358		152			6.569		154		
3	4.206		304			6.413		312		
	13.074	4.3580		896		19.707	6.5690		895	
	5.004		149			6.921		162		
	4.855		147			6.759		164		
4	4.708		296			6.595		326		
	14.567	4.8557		1192		20.285	6.7617		1251	
	4.942		154			7.436		155		
	4.793		152			7.283		154		
5	4.671		306			7.129		309		
	14.381	4.7937		1498		21.850	7.2833		1560	
	73.198	24.3994				106.360	35.4532			

F.B. 2942 P.G. 17

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Chief of Party F. E. Brooks Weather clear Inst. No. 26280
Notes by K. M. Kapp Time 11:35-12:50 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 6-14-63
Indexed E. J. GALL 6-18-63

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	Backsight Sum of Intervals	B. S. Rod and Temp.	Foresight Thread Readings	Foresight Mean	Foresight Thread Intervals	Foresight Sum of Intervals	Description and Remarks
	13.198					106.360				
6	6.357	24.3994	156	1.498		8.167	35.4532	164	1.530	
	6.201		156			8.003		165		
	6.045		312			7.838		329		
	18.603	6.2010		1.810		24.008	8.0027		1.859	
7	6.775		103			5.582		089		
	6.672		103			5.493		090		
	6.569		206			5.403		179		
	20.016	6.6720		2.016		16.478	5.4927		2.038	
8	3.920		102			6.267		102		
	3.818		103			6.165		102		
	3.715		205			6.063		204		
	11.453	3.8177		2.221		18.475	6.1650		2.242	
9	3.288		170			6.445		164		
	3.118		171			6.281		166		
	2.947		341			6.115		330		
	9.353	3.1177		2.562		18.841	6.2803		2.572	1/2 hr. for lunch
10	4.130		168			6.940		166		
	3.962		169			6.774		165		
	3.793		337			6.609		331		
	11.885	3.9617		2.899		20.323	6.7743		2.903	
	144.508	48.1695				204.505	68.1682			

F.B. 2840 G. B.

76PGRS-CE 978—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 11:35-12:50 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95 To BM 11-96
Date 6-14-63
Indexed [illegible] 63

Number of Station	BACKSIGHT: Thread Readings 144.508	BACKSIGHT: Mean	BACKSIGHT: Thread Intervals	BACKSIGHT: Sum of Intervals	B. S. Rod and Temp.	FORESIGHT: Thread Readings 204.505	FORESIGHT: Mean	FORESIGHT: Thread Intervals	FORESIGHT: Sum of Intervals	DESCRIPTION AND REMARKS
11	4.557	48.1695	169	2.899		5.347	68.1682	165	2.903	Summation of Run
	4.388		167			5.178		170		From B.M. 11-95
	4.271		336			5.008		339		To B.M. 11-96
	13.166	4.3887		3.235		15.533	5.1777		3.242	
2	3.765		162			6.091		164		Total Backsights = + 63.9899
	3.603		160			5.927		162		Total Foresights = − 92.5096
	3.443		322			5.765		326		Diff. Elev. = −28.5197
	10.811	3.6037		3.557		17.783	5.9277		3.268	
13	3.611		166			6.548		166		Backsight stadia = 4.121
	3.445		167			6.382		165		Foresight Stadia = 4.137
	3.278		333			6.217		331		Total Stadia = 8.258
	10.334	3.4447		3.890		19.147	6.3823		3.899	= 0.52 mi
14	4.445		116			6.973		120		BM 11-96
	4.383		115			6.853		118		Valley Blvd. & Brea
	4.268		231			6.735		228		Canyon Rd
	13.150	4.3833		4.121	82°	20.561	6.8537		4.137	See F.B. 1376-86
	191.969					277.529				
		63.9899					92.5096			

F.B. 2992 P.G. 9

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks — Weather Hazy — Inst. No. 22280
Notes by R. E. Brooks — Time 11:15 - 1:15 — Rod No. 19-20

Name L.A. Co. Precise Level Party
Job No 0301.02
From BM 11-96 To BM 11-95
Date 17 June 1963
Indexed E. J. GALE

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.924		.121			4.450		.114		BM 11-96
	6.803		.120			4.336		.114		Valley Blvd. & Brea
1	6.683		.941			4.222		.928		Canyon Rd.
	20.410	6.8033		.241	66°	13.008	4.3360		.228	See F.B. 1376-86
	6.556		.165			3.623		.167		
	6.391		.163			3.456		.169		T Alvarez
2	6.228		.328			3.285		.335		
	19.175	6.3917		.569		10.367	3.4557		.513	
	6.482		.163			4.150		.154		
	6.319		.167			3.996		.156		
3	6.152		.330			3.840		.310		
	18.953	6.3177		.899		11.986	3.9953		.813	
	5.780		.168			4.972		.140		
	5.612		.169			4.832		.170		
4	5.443		.337			4.662		.340		
	16.837	5.6123		1.234		14.466	4.8220		1.213	
	6.702		.166			3.892		.170		
	6.536		.165			3.722		.164		
5	6.370		.331			3.555		.334		
	19.608	6.5363		1.565		11.169	3.7230		1.568	
	94.981	31.6603				60.996	20.3320			

F.B. 2042 P.G. 10

70PG26-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. 26280
Notes by F. E. Brooks Time 11:15 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 17 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	94.981					60.946				
	5.830	31.6603	.165	1.565		2.675	20.3320	.171	1.550	
	5.665		.163			2.504		.174		
6	5.502		.328			2.330		.345		
	16.997	5.6657		1.893		7.509	2.5030		1.895	
	5.843		.100			3.499		.101		
	5.743		.101			3.398		.104		
7	5.642		.201			3.294		.205		
	17.228	5.7427		2.094		10.191	3.3970		2.100	
	5.538		.102			6.703		.093		
	5.436		.101			6.615		.092		
8	5.335		.203			6.523		.185		
	16.309	5.4363		2.297		19.846	6.6153		2.285	
	6.319		.164			4.510		.153		
	6.155		.165			4.357		.157		
9	5.990		.309			4.200		.310		
	18.464	6.1547		2.626		13.067	4.3557		2.595	
	7.010		.151			4.520		.155		1hr for lunch
	6.859		.155			4.365		.155		
10	6.704		.306			4.210		.310		
	20.573	6.8577		2.932	76°	13.095	4.3650		2.905	
	184.552	61.5174				124.704	41.5680			

F.B. 18942 P.G. 11

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 11:15 - 1:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-96 To BM 11-95
Date 17 June 1943
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 124.554	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 129.764	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
11	6.746	41.5799	.164	2.932		4.760	41.6680	.150	2.905
	6.582		.141			4.610		.148	
	6.421		.325			4.462		.198	
	19.749	1.5830		3.257	80°	13.832	4.4107		3.203
12	6.205		.143			4.820		.166	
	6.062		.142			3.852		.164	
	5.920		.285			3.688		.330	
	18.187	6.0623		3.542		11.560	3.8533		3.535
13	6.698		.160			4.229		.154	
	6.538		.163			4.075		.133	
	6.575		.325			3.990		.287	
	20.211	6.7370		3.815		12.294	4.0947		3.844
14	7.913		.129			6.208		.144	
	7.784		.130			6.064		.144	
	6.654		.259			5.920		.288	
	23.351	7.7837		4.124	80°	18.192	6.0640		4.132
	86.050	66.6834				160.512	40.1704		

DESCRIPTION AND REMARKS

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

Total Backsights = + 66.6834
Total Foresights = - 40.1704
Diff. Elev. = + 26.5130

Backsight Stadia = 4.124
Foresight Stadia = 4.132
Total Stadia = 8.256
= .52 mi.

BM 11-95
Valley Blvd. at San Jose Hills Rd. (Grand Ave.)
See F.B. 2880-45

78 PE26-CE 378—10-57

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Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Hazy
Time 12:55 - 1:25
Inst. No. 26180
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02. 41-1A
From B.M. 11-96 To B.M. C325
Date 14 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.628		.159			4.360		.132		BM 11-96
	6.469		.160			4.228		.129		Valley Blvd at Brea Canyon
	6.309		.319			4.099		.261		Rd.
	19.406	6.4687		.319	82°	12.689	4.2290		.261	See F.B. 1376-86
2	6.149		.140			5.425		.172		
	6.009		.140			5.253		.170		A Bottom
	6.869		.280			5.083		.342		
	18.027	6.0090		.599		15.461	5.2534		.603	
3	2.821		.158			7.129		.156		
	3.663		.156			6.973		.153		
	3.509		.314			6.820		.309		
	10.991	3.6639		.913		20.922	6.9740		.918	
4	4.232		.150			6.678		.154		
	4.082		.151			6.424		.161		
	3.931		.301			6.573		.305		
	12.245	4.0817		1.214		60.175	6.7250		1.219	
5	7.835		.146			6.081		.150		
	3.689		.149			5.931		.148		
	3.538		.297			5.783		.298		
	11.060	3.6867		1.511		19.795	5.9317		1.515	
	11.029	33.9092				84.340	29.1134			

F.B. 1376 P.G. 17

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 2L280
Notes by F. E. Brooks Time 12:55 – 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02 41-1A
From BM 11-91 To BM C50
Date 14 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 17.029	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 27.340	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.264	23.9098	.153	1.511		5.991	29.1134	.159	1.515	
	4.111		.150			5.832		.157		
	3.911		.303			5.681		.316		
	12.336	4.1120		1.814		17.616	5.8387		1.831	
7	4.135		.144			5.861		.141		
	3.991		.141			5.720		.141		
	3.845		.290			5.579		.282		
	11.971	3.9903		1.104		17.110	5.7200		2.113	
8	4.345		.150			5.768		.160		
	4.195		.150			5.628		.160		
	4.045		.300			5.468		.320		
	12.585	4.1950		2.404		16.864	5.6280		2.433	
9	4.208		.150			5.568		.146		
	4.058		.151			5.422		.149		
	3.909		.301			5.275		.295		
	12.173	4.0577		2.705		16.215	5.4217		2.736	
10	4.683		.150			5.861		.152		
	4.533		.148			5.709		.148		
	4.385		.298			5.561		.300		
	13.601	4.5337		3.003		17.131	5.7103		3.021	
	54.395	14.1985				72.296	57.4324			

P.B. 2992 P.G. 14

76F826-CE 375-- 10-57

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Chief of Party F. E. Brooks E. E. Brooks Weather Hazy Inst. No. 26280
Notes by Time 12:55-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02 41-1A
From BM 11-96 To BM CSD
Date 14 June 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 134.395	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 172.296	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.927	44.7985	.078	3.007		5.509	57.4321	.075	3.026	BM CSD (BM 41-1A)
	4.849		.077			5.434		.076		Brea Canyon Rd. 0.39 mi. S.
11	4.772		.155			5.358		.151		of Valley Blvd.
	14.548	48.493		3.158	84°	16.301	5.4339		3.177	See FB. 1366-103
	148.947	49.6478				186.597	62.8658			

Summation of Run
From B.M. 11-96
To B.M. CSD = BM 41-1A

Total Backsights = + 49.6478
Total Foresights = − 62.8658
Diff. Elev. = − 13.2180

Backsight stadia = 3.158
Foresight Stadia = 3.177
Total Stadia = 6.335
= .40 mi.

F.B. 2092 P.G. 15

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 26280
Notes by K. M. Kapp Time 10:35-11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 4238/02
From BM CSD To BM 11-41
Date 6-17-63
Indexed C. A. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.822		159		19	4.612		154		BM CSD = BM 41-1A 39
	5.663		158			4.458		156		Brea Canyon Rd. 0.5 mi
	5.505		317			4.302		310		S. of Valley Blvd.
	16.990	5.6633		317	66°	13.372	4.4573		310	see F.B. 1366-103
2	5.620		143			4.501		146		
	5.477		145			4.355		147		T. Alvarez
	5.332		288			4.208		293		
	16.429	5.4763		605		13.064	4.3547		603	
3	5.393		155			4.035		154		
	5.238		158			3.881		156		
	5.080		313			3.725		310		
	15.711	5.2370		918		11.641	3.8803		913	
4	5.149		144			3.532		144		
	5.005		144			3.388		147		
	4.861		288			3.241		291		
	15.015	5.0050		1.206		10.161	3.3870		1.204	
5	5.822		154			4.032		152		
	5.668		157			3.880		152		
	5.511		311			3.728		304		
	17.001	5.6670		1.517		11.640	3.8800		1.508	
	81.146	27.0486				59.878	19.9593			

F.B. 2892 P.G. 16

7GP625-DE 079 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 21260
Notes by K. M. Kapp Time 10:35 - 11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No 4-201-02
From BM 1250 To BM 1491
Date 6-17-63
Indexed R. L. GALL

Number of Station	BACKSIGHT Thread Readings 21.176	BACKSIGHT Mean 27.0986	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 39.878	FORESIGHT Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.760		178	1.517		4.032	19.9593	193	1.508	
	5.612		179			3.839		144		
	5.463		297			3.745		287		
	16.835	5.6117		1.814		11.616	3.8887		1.795	
7	6.288		168			4.332		168		
	6.120		170			4.169		164		
	5.950		338			4.005		327		
	18.358	6.1193		2.152		12.506	4.1687		2.122	
8	7.726		165			3.249		169		
	7.561		163			3.100		172		
	7.398		328			2.928		341		
	22.685	7.5617		2.480		9.297	3.0990		2.443	
9	7.431		193			7.225		210		
	7.238		194			7.015		212		
	7.044		387			6.803		422		
	21.713	7.2377		2.867		21.043	7.0143		2.865	
10	4.545		085			4.852		079		
	4.460		087			4.781		075		
	4.373		172			4.706		149		
	13.378	4.4593		3.039		14.342	4.7807		3.034	
	174.115	58.0383				128.732	42.9107			

F.B. 4995 P.G. 17

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by K. M. Kapp Time 10:35-11:15 Rod No. 19-20

Name L.A. Co. Precise Level Nr
Job No. 4C701.02
From BM CSD To BM 11-96
Date 6-17-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 174.115	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 128.732	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.804	58.0383	.082	3.039		6.748	42.9107	1.07	3.034	BM 11-96
11	4.722		.084			6.641		.110		Valley Blvd & Brea Canyon Rd
	4.635		166			6.531		217		
	14.164	4.7213		3.205	66°	19.920	6.6400		3.251	See F.B. 1376-86
	188.279					148.652				
		62.7596					49.5507			

Summation of Run
From B.M. CSD (BM 41-1A)
To B.M. 11-96

Total Backsights = + 62.7596
Total Foresights = − 49.5507
Diff. Elev. = + 13.2089

Backsight stadia = 3.205
Foresight Stadia = 3.251
Total Stadia = 6.456
= 0.41 mi.

F.B. 2092 R.G. 18

76F525-CE 379 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy - Wind Inst. No. #6280
Notes by E. E. Brooks Time 1:25 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 034/02
From BM CSD To BM 44-1
Date 14 June 1963
Indexed E. J. Gall

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.475		.147			4.601		.150		BM CSD = (BM 41-1A)
	5.328		.147			4.451		.149		Brea Canyon Rd. 0.39 mi S.
	6.181		.294			4.302		.299		of Valley Blvd
	15.484	5.3280		.294	84°	13.354	4.4513		.299	See F.B. 1366-103
2	6.534		.149			4.585		.147		
	5.388		.146			4.438		.148		⊼ Bustrum
	5.242		.295			4.290		.295		
	16.167	5.3890		.589		13.313	4.4377		.594	
3	5.120		.157			6.278		.163		BM 44-1
	4.963		.156			6.115		.161		Brea Canyon Rd. 0.51 mi. so off
	4.867		.313			5.954		.324		Valley Blvd.
	14.890	4.9633		.902	82°	18.347	6.1159		.918	See F.B. 1366-103
	47.041	15.6803				45.014	15.0047			

Summation of Run
From B.M. CSD - BM 41-1A
To B.M. 44-1

Total Backsights = + 15.6803
Total Foresights = − 15.0047
Diff. Elev. = + 0.6756

Backsight stadia = .902
Foresight Stadia = .918
Total Stadia = 1.820
= .12 mi.

F.B. 2842 PG. 19

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by E. M. Kelly Time 10:25 - 10:35 Rod No. 19-20

Name LA. Co. Precise Level Nr
Job No. 0730.07 - 41-1A
From BM 44-1 To BM CSU=
Date 6-17-63
Indexed C. J. Gatti

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.413		154		17	5.254		153		BM 44-1
	6.259		157			5.101		153		Rose Canyon Rd. 0.5 mi. S
1	6.102		311			4.948		306		of Valley Blvd.
	18.774	6.2580		311	66°	15.303	5.1010		306	See FB 1266-103
	4.565		153			5.562		150		
2	4.433		151			5.412		150		T. Alvarez
	4.287		304			5.262		300		
	13.303	4.4343		617		16.236	5.4120		606	
	4.611		199			5.468		153		BM CSU = (41-1A)
3	4.412		150			5.315		153		Rose Canyon Rd. 0.39 mi.
	4.317		299			5.162		306		S. of Valley Blvd.
	13.340	4.4467		916	66°	15.945	5.3150		912	See FB 1266-103
						Summation of Run				Total Backsights = + 15.1540
						From B.M. 44-1				Total Foresights = − 15.8280
						To B.M. CSU=(41-1A)				Diff. Elev. = −0.6740
FB 1266 PG 103										Backsight Stadia = .916
										Foresight Stadia = .912
	45.462					47.484				Total Stadia = 1.828 = 0.12 mi.
		15.1540					15.8280			

76PB20-CE 375—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 262.80
Notes by K. M. Kapp Time 1:45 - 2:30 Rod No. 19-20

Name U.A. Co. Precise Level Net
Job No. 0341.02
From BM 44-1 To BM 44-2
Date 6-14-63
Indexed C. J. GAU

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.097		.158		19	6.587		.158		BM 44-1
	4.939		.156			6.427		.159		Bien Canyon Rd. 0.5 Mi.
	4.783		.314			6.270		.317		S. of Valley Blvd.
	14.819	4.9397		314	82°	19.286	6.4287		317	See FB. 1446-103
2	4.370		.150			6.193		.150		
	4.220		.150			6.043		.151		A. Valdez
	4.070		.300			5.892		.301		
	12.660	4.2200		614		18.128	6.0427		618	
3	4.471		.149			6.189		.145		
	4.322		.150			5.994		.143		
	4.172		.299			5.851		.288		
	12.965	4.3217		913		17.984	5.9947		906	
4	4.680		.153			6.503		.154		
	4.527		.154			6.349		.154		
	4.373		.307			6.195		.308		
	13.580	4.5267		1220		19.047	6.3490		1214	
5	4.248		.148			5.970		.140		
	4.100		.147			5.830		.140		
	3.951		.295			5.690		.280		
	12.300	4.1000		1518		17.490	5.8300		1494	
	66.324	22.1081				91.935	30.6451			

F.B. 1446 P.G. 24

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:45-2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 44-1 To BM 44-2
Date 6-14-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 66.324	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 91.735	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.509	22.1081	151	1.518		6.261	30.6451	150	1.494	
	4.358		154			6.111		144		
	4.204		305			5.963		298		
	13.071	4.3570		1.823		18.335	6.1117		1.792	
7	4.428		141			5.885		144		
	4.287		141			5.741		147		
	4.146		282			5.594		291		
	12.861	4.2870		2.105		17.220	5.7400		2.083	
8	4.550		143			6.472		183		
	4.407		146			6.289		186		
	4.261		289			6.103		369		
	13.218	4.4060		2.394		18.864	6.2880		2.452	
9	4.352		161			5.701		124		
	4.191		158			5.577		125		
	4.033		319			5.452		249		
	12.576	4.1920		2.713		16.730	5.5767		2.701	
10	5.300		158			5.255		150		
	5.142		154			5.105		150		
	4.988		312			4.955		300		
	15.430	5.1433		3.025		15.315	5.1050		3.001	
	133.480	44.4934				178.399	59.4665			

FB 5902 PG 22

76P525-DE 979—10.57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:45 - 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-1 To BM 44-2
Date 6-14-63
Indexed C. J. GATU

Number of Station	BACKSIGHT Thread Readings 133.490	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 178.399	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.580	44.4934	.155	3.025		5.732	59.4665	.196	3.001	
	4.425		.155			5.586		.196		
11	4.270		.310			5.440		.292		
	13.275	4.4250		3.335		16.758	5.5860		3.293	
	5.591		.066			5.342		.029		BM 44-2
	5.525		.065			5.468		.077		Brea Canyon Rd. &
2	5.760		.121			5.391		.156		Carrier Rd.
	16.576	5.5253		3.456	80°	16.406	5.4687		3.449	See F.B. 1366-10%
										Summation of Run From B.M. 44-1 To B.M. 44-2
										Total Backsights = + 54.4437 Total Foresights = − 70.5212 Diff. Elev. = −16.0775
										Backsight stadia = 3.456 Foresight Stadia = 3.449 Total Stadia = 6.905 = 0.007
	163.331					211.563				
		54.4437					70.5212			

F.B. 1366 P.G. 17

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:30 – 10:15 Rod No. 18-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-2 To BM 44-1
Date 19 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	R. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.304		.079			5.446		.074		BM 44-2
	5.315		.066			5.372		.073		Brea Canyon Rd. &
1	5.241		.131			5.299		.141		Currier Rd.
	15.941	5.3153		.137	66°	16.121	5.3739		.149	See F.B. 1366-104
	5.565		.146			4.900		.152		
	5.419		.149			4.758		.156		T Bostrom
2	5.270		.295			4.102		.308		
	16.254	5.4180		.432		12.770	4.2567		.457	
	5.137		.148			5.163		.155		
	4.999		.149			5.021		.156		
3	4.940		.299			4.811		.312		
	14.976	4.9887		.919		15.021	5.0070		.769	
	5.911		.132			4.335		.145		
	5.592		.137			4.190		.142		
4	5.435		.196			4.048		.197		
	16.718	5.5727		1.065		12.573	4.1910		1.056	
	6.407		.185			4.459		.146		
	6.222		.182			4.313		.144		
5	1.040		.367			4.169		.290		
	18.669	6.2230		1.392		12.941	4.3137		1.346	
	82.553	22.5199				69.486	23.1621			

F.B. 1392 P.G. 24

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:30 - 10:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-2 To BM 44-1
Date 17 June 1963
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	82.553					69.486				
	5.757	29.5177	.146	1.372		4.333	23.1621	.140	1.346	
	5.611		.143			4.193		.141		
6	5.468		.289			4.052		.281		
	16.836	5.6120		1.661		12.578	4.1927		1.627	
	5.981		.150			4.211		.150		
	5.831		.148			4.061		.151		
7	5.683		.298			3.910		.301		
	17.495	5.8317		1.959		12.182	4.0607		1.928	
	5.891		.141			4.140		.146		
	5.750		.143			4.024		.146		
8	5.607		.284			3.878		.292		
	17.248	5.7493		2.243		12.042	4.0240		2.220	
	6.235		.151			4.415		.150		
	6.079		.159			4.265		.150		
9	5.920		.315			4.115		.300		
	18.234	6.0780		2.558		12.795	4.2650		2.520	
	6.124		.143			4.445		.148		
	5.981		.141			4.297		.149		
10	5.840		.284			4.148		.297		
	17.945	5.9817		2.842		12.890	4.2967		2.817	
	170.311	56.7704				132.003	44.0012			

F.B. [illegible] P.G. 25

LOS ANGELES COUNTY ENGINEER
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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:30 - 12:15 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-2 To BM 44-1
Date 17 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 170.311	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 132.003	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.048	52.7704	.150	7.842		4.230	44.0012	.149	2.817	
	5.898		.154			4.081		.144		
11.	5.744		.304			3.932		.298		
	12.690	5.8967		3.146		12.243	4.0810		3.115	
	6.378		.153			4.839		.161		BM 44-1
	6.225		.154			4.728		.163		Brea Canyon Rd., 0.51
12	6.071		.307			4.565		.324		1 mi. S. of Valley Blvd.
	18.674	6.2247		3.453	66°	14.132	4.7273		3.439	See F.B. 1366-103
										Summation of Run
										From B.M. 44-2
										To B.M. 44-1
										Total Backsights = + 68.8918
										Total Foresights = − 52.8095
										Diff. Elev. = + 16.0823
										Backsight stadia = 3.453
										Foresight Stadia = 3.439
										Total Stadia = 6.892
										= 0.44 mi
	206.675	68.8918				158.428	52.8095			

F.B. 2892 P.G. 26

RJ

76P526-CE 376—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. Brooks Weather Hazy - Wind Inst. No. 26280
Notes by F. E. Brooks Time 2:30 - 2:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-2 To BM 44-3
Date 14 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.137		.149			3.989		.148		BM 44-2
	6.988		.148			3.841		.145		Brea Canyon Rd at Currier
	6.840		.297			3.696		.293		Rd
	20.965	6.9883		.297	80°	11.526	3.8420		.293	See F.B. 1366-104
2	5.429		.160			4.730		.151		
	5.269		.159			4.579		.155		π Valdez
	5.110		.319			4.424		.306		
	15.808	5.2693		.616		13.733	4.5777		.599	
3	5.564		.145			5.429		.147		
	5.419		.148			5.282		.145		
	5.271		.293			5.137		.292		
	16.254	5.4180		.909		15.848	5.2827		.891	
4	5.438		.156			5.247		.198		
	5.282		.153			5.049		.194		
	5.129		.309			4.855		.392		
	15.849	5.2830		1.218		15.151	5.0503		1.283	
5	6.202		.169			4.762		.139		
	6.043		.177			4.625		.139		
	5.872		.340			4.488		.274		
	18.127	6.0423		1.558		13.875	4.6250		1.557	
	87.003	29.0009				70.133	23.3777			

F.B. 2892 P.G. 27

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Hazy - Windy Inst. No. 26280
Notes by F. E. Brooks Time 2:30 - 2:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-2 To BM 44-3
Date 14 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 87.003	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 70.133	Mean	Thread Intervals	Sum of Intervals
6	6.023	29.0009	.155	1.558		4.477	23.3977	.158	1.557
	5.868		.159			4.249		.158	
	5.709		.314			4.121		.316	
	17.600	5.8667		1.872		12.837	4.2790		1.873
7	5.984		.154			4.388		.158	
	5.830		.157			4.230		.155	
	5.673		.311			4.075		.313	
	17.487	5.8290		2.183		12.693	4.2310		2.186
8	6.041		.151			4.900		.155	
	5.890		.151			4.745		.156	
	5.739		.302			4.589		.311	
	17.670	5.8900		2.485		14.234	4.7443		2.497
9	5.709		.196			4.176		.214	
	5.513		.194			3.962		.211	
	5.319		.390			3.751		.425	
	16.541	5.5137		2.875	80°	11.889	3.9630		2.922
	156.301	52.1003				121.486	40.5954		

F.B. 2892 P.G. 28

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-2
To B.M. 44-3

Total Backsights = 52.1003
Total Foresights = 40.5954
Diff. Elev. = +11.5049

Backsight stadia = 2.875
Foresight Stadia = 2.922
Total Stadia = 5.797
= .30 mi.

BM 44-3
Brea Canyon Rd. at
Lycoming St.
See F.B. 1366 - 104

78P528-CE 879—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. 26290
Notes by K. M. Kapp Time 9:00 - 9:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 44-3 To BM 44-2
Date 6-17-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.057		214		19	5.589		196		BM 44-3
	3.843		213			5.393		194		Bree Canyon Rd. at
	3.630		427			5.199		390		Lycoming St.
	11.530	3.8433		427	66°	16.181	5.3937		390	See F.B. 1366-104
2	4.794		147			5.957		162		
	4.647		147			5.795		163		T Bustrum
	4.500		294			5.632		325		
	13.941	4.6470		721		17.384	5.7947		715	
3	4.317		157			5.912		154		
	4.160		158			5.758		154		
	4.002		315			5.604		308		
	12.479	4.1597		1.036		17.274	5.7580		1.023	
4	4.459		158			6.047		158		
	4.301		158			5.889		151		
	4.143		316			5.732		315		
	12.903	4.3010		1.352		17.668	5.8893		1.338	
5	4.590		156			6.004		152		
	4.434		155			5.852		151		
	4.279		311			5.701		303		
	13.303	4.4343		1.663		17.557	5.8523		1.641	
	64.156	21.3853				86.064	28.6880			

F.B. 1592 P.G. 29

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by K. M. Kapp Time 9:00 - 9:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-3 To BM 44-2
Date 6-17-63
Indexed C. J. GALE

Number of Station	BACKSIGHT Thread Readings 64.156	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 86.064	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.124	21.3853	173	1.663		5.358	28.6880	177	1.641	Summation of Run
	4.947		174			5.181		179		From B.M. 44-3
6	4.773		347			5.002		356		To B.M. 44-2
	14.840	4.9467		2.010		15.541	5.1803		1.997	Total Backsights = + 39.9660
	5.364		145			5.498		146		Total Foresights = − 51.4754
	5.219		147			5.352		147		Diff. Elev. = − 11.5094
7	5.072		292			5.205		293		
	15.655	5.2183		2.302		16.055	5.3517		2.290	Backsight stadia = 2.907
	4.710		155			5.405		158		Foresight Stadia = 2.905
8	4.555		155			5.247		159		Total Stadia = 5.812
	4.400		310			5.088		317		= 0.37 mi
	13.665	4.5550		2.612		15.740	5.2467		2.607	
	4.008		147			7.158		150		BM 44-2
9	3.861		148			7.008		148		Brec Canyon Rd at Currier
	3.713		295			6.860		298		Rd.
	11.582	3.8607		2.907	66°	21.026	7.0087		2.905	See F.B. 1366-104
	119.898					154.426				
		39.9660					51.4754			

F.B. 2692 PG. 30

75F526-SE 375 10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:30 - 1:50 Rod No. 19-20

Name S.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-3 To BM 44-4
Date 6-11-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7.363		140		19	5.048		149		BM 44-3
	7.223		148			4.899		148		Brea Canyon Rd. at Lycoming
	7.083		280			4.751		297		St.
	21.669	7.2230		280	80°	14.678	4.8793		297	See F.B. 1366-105
2	5.848		146			4.571		146		
	5.702		143			4.425		142		T. Valdez
	5.559		289			4.278		293		
	17.109	5.7030		569		13.274	4.4247		590	
3	6.100		145			4.031		145		
	5.955		145			3.886		149		
	5.810		290			3.737		274		
	17.865	5.9550		859		11.654	3.8847		884	
4	7.281		147			2.727		148		
	7.134		145			2.629		150		
	6.989		292			2.479		298		
	21.404	7.1347		1151		7.885	2.6283		1182	
5	7.963		150			2.749		137		
	7.813		148			2.612		133		
	7.665		298			2.479		270		
	23.441	7.8137		1449		7.840	2.6133		1452	
	101.488	33.8294				55.351	18.4503			

F.B. 2242 P.G. 31

LOS ANGELES COUNTY ENGINEER
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SHEET MUST BE MADE OR CIRCLED IN RED INK. WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear Inst. No. 22280
Notes by K. M. Kapp Time 1:30 - 1:50 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 44-3 To B.M. 44-4
Date 6-17-63
Indexed C. J. Galli

Number of Station	BACKSIGHT Thread Readings 101.488	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 55.351	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.009	35.8299	147	1.449		3.586	18.4503	155	1452	B.M. 44-4
	7.862		145			3.231		151		Brea Canyon Rd. &
6	7.717		292			3.080		304		Fifth Ave.
	23.588	7.8627		1.741	82°	9.697	3.2323		1756	See F.B. 1366-106
										Summation of Run
										From B.M. 44-3
										To B.M. 44-4
										Total Backsights = + 41.6921
										Total Foresights = — 21.6826
										Diff. Elev. = +20.0095
										Backsight stadia = 1.741
										Foresight Stadia = 1.758
										Total Stadia = 3.499
										= 0.22 mi.
	125.076					65.048				
		41.6921					21.6826			

FB 1366-106 32

75PB26-CE 372 10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather over cast Inst. No. 26280
Notes by Bostrum Time 10:45 - 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-4 To BM 44-3
Date 18 June 1967
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3510		152		#19	6132		145		BM 44-4
	3358		156			7987		148		Brea Canyon Rd. &
1	3202					7837				Fifth Ave.
	10060	3.3567	308	.308	70°	23958	7.9860	293	.293	See F.B. 1366-106
	2773		143			7972		141		
	2630		142			7831		141		π Kapp
	2488					7690				
	7891	2.6303	285	.593		23493	7.8310	282	.575	
	2867		151			7370		149		
	2718		150			7221		149		
3	2568					7072				
	8153	2.7177	299	.892		21663	7.2210	298	.873	
	4291		149			6362		144		
	4142		145			6218		146		
4	3997					6072				
	12430	4.1433	294	1.186		18652	6.2174	290	1.163	
	4710		150			5967		147		
	4560		148			5842		143		
5	4412					5699				
	13682	4.5607	298	1.486		17530	5.8433	290	1.453	
	52.286	17.4087				105296	35.0756			

F.B. 2894 PG. 33

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by Bustrum
Weather over Cast Inst. No. 26280
Time 10:45 - 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-4 To BM 44-3
Date 18 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	52.296					105.296				
	5320	17.087	140	1.486		7652	35.0936	144	1.453	BM 44-3
	5180		140			7507		148		Brea Canyon Rd. &
6	5040					7359				Lycoming St.
	15540	5.1800	280	1.764		22517	7.5057	292	1.745	See F.B. 1366-105
										Summation of Run
										From B.M. 44-4
										To B.M. 44-3
										Total Backsights = + 225.807
										Total Foresights = - 42.6013
										Diff. Elev. = - 20.0156
										Backsight stadia = 1.764
										Foresight Stadia = 1.745
										Total Stadia = 3.511
										= .22 mi
	67.756	225.887				127.813	42.6013			

F.B. 1392 P.G. 34

76F326-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 26280
Notes by F. E. Brooks Time 2:00 - 2:35 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-4 To BM 44-5
Date 17 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.396		.155			5.996		.150		BM 44-4
	5.241		.156			5.846		.147		Brea Canyon Rd. at 5th
	5.085		.311			5.699		.297		Ave
	15.722	5.2407		.311	82°	17.541	5.8470		.297	See F.B. 1366 106
2	4.652		.160			5.900		.160		
	4.492		.160			5.740		.160		T. Valdez
	4.332		.320			5.580		.320		
	13.476	4.4920		.631		17.220	5.7400		.617	
3	4.589		.146			4.784		.152		
	4.441		.152			4.632		.151		
	4.289		.300			4.481		.303		
	13.319	4.4397		.931		13.897	4.6323		.920	
4	5.756		.147			4.939		.158		
	5.609		.149			3.981		.158		
	5.460		.296			3.823		.316		
	16.825	5.6083		1.227		11.943	3.9810		1.236	
5	7.030		.143			2.618		.150		
	6.887		.146			2.463		.157		
	6.741		.289			2.312		.301		
	20.658	6.8860		1.516		7.388	2.4127		1.574	
	80.000	26.6667				67.989	22.6630			

F.B. 2892 PG. 35

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 Hazy Inst. No. 26280
Notes by F. E. Brooks Time 2:00 - 2:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-4 To BM 44-5
Date 17 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 80.000	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 67.984	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	7.609	22.6667	.158	1.516		3.017	22.6630	.156	1.537	
	7.451		.161			2.861		.158		
	7.290		.319			2.703		.319		
	22.350	7.4500		1.835		8.581	2.8603		1.851	
7	6.341		.148			4.451		.150		
	6.193		.146			4.301		.150		
	6.047		.294			4.151		.300		
	18.581	6.1937		2.129		12.903	4.3010		2.151	
8	5.504		.145			5.531		.160		
	5.359		.149			5.371		.160		
	5.210		.294			5.211		.320		
	16.073	5.3577		2.423		16.113	5.3710		2.471	
9	5.019		.169			5.343		.133		
	4.852		.163			5.210		.131		
	4.689		.330			5.079		.264		
	14.560	4.8533		2.753		15.632	5.2107		2.735	
10	4.789		.156			6.172		.150		
	4.633		.154			6.022		.152		
	4.479		.310			5.870		.302		
	13.901	4.6337		3.063		18.064	6.0213		3.037	
	165.465	55.1551				139.282	46.4273			

F.B. 2892 P.G. 36

75P528-CE 370—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 2:00 - 2:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-4 To BM 44-5
Date 17 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 165.465	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 139.282	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	3.627	55.1551	.147	3.063		6.723	46.4273	.146	3.037	Summation of Run
	3.480		.149			6.577		.148		From B.M. 44-4
	3.331		.296			6.429		.294		To B.M. 44-5
	10.438	3.4793		3.359		19.729	6.5763		3.331	
12	4.456		.075			6.041		.075		Total Backsights = + 69.7761
	4.381		.076			5.966		.076		Total Foresights = − 73.2616
	4.305		.151			5.890		.151		Diff. Elev. = − 3.4855
	13.142	4.3807		3.510		17.897	5.9657		3.482	
13	3.482		.160			6.791		.161		Backsight stadia = 4.179
	3.322		.160			6.630		.161		Foresight Stadia = 4.145
	3.162		.320			6.469		.322		Total Stadia = 8.324
	9.966	3.3220		3.830		19.890	6.6300		3.804	= .53 mi.
14	3.613		.173			7.833		.171		BM 44-5
	3.440		.176			7.662		.170		5th Ave. at Banning
	3.264		.349			7.492		.341		Way
	10.317	3.4390		4.179	86°	22.987	7.6623		4.145	See F.B. 1366-107
	209.328	69.7761				219.785	73.2616			

F.B. 2842 PG. 37

PLEASE RETURN TO
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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. Brooks Weather overcast Inst. No 26780
Notes by M.L. Bustrum Time 9:45 – 10:45 Rod No 19.20

L.A. Co. Precise Level Net
Name
Job No 0301.02
From BM 44-5 To BM 44-4
Date 6-18-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7962		.170		19	3742		.173		BM 44-5
	7792		.171			3.567		.177		5th Ave at Banning Way
	7621					3392				See F.B. 1366-107
	23375	7.7913	341	341	68°	10.703	3.5677	350	350	
2	7.032		162			3721		156		π Karr
	6870		160			3565		157		
	6710					3408				
	20612	6.8707	322	.663		10694	35647	313	663	
3	6149		078			4562		073		
	6071		075			4489		074		
	5996					4415				
	18216	6.0720	153	.816		13466	4.4889	147	810	
4	6.781		149			3.680		147		
	6.632		147			3.533		145		
	6.485					3.388				
	19.898	6.6327	296	1.112		10.601	3.5337	292	1102	
5	6260		151			4874		154		
	6109		152			4720		152		
	5957					4.568				
	18.326	6.1087	303	141.5		14162	4.7207	306	1.408	
	100.427	33.4458				59.626	19.8755			

F.B. 2892 P.G. 38

75F828-CE 379--10-67

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by [illegible] Time 9:45 - 10:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BN144-5 To BN144-4
Date 16 June 1967
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	100.427					57.626				
6	5379	33.4758	149	1.415		5020	19.8755	150	1.408	
	5230		150			4870		150		
	5080					4720				
	15689	5.2297	299	1.714		14610	4.8700	300	1.708	
7	5553		161			5528		149		
	5392		157			5379		148		
	5235					5231				
	16180	5.3933	318	2.032		16138	5.3793	297	2.005	
8	4509		151			6397		147		
	4358		150			6250		150		
	4208					6100				
	13075	4.3583	301	2.333		18747	6.2490	297	2.302	
9	2929		159			7520		159		
	2770		155			7361		160		
	2615					7201				
	8314	2.7713	314	2.647		22082	7.3607	319	2.621	
10	2535		154			6950		143		
	2381		151			6807		147		
	2230					6660				
	7146	2.3820	305	2.952		20417	6.8057	290	2.911	
	160.831	53.6104				151.120	50.5402			

F.B. 8892 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 E. E. Brooks Weather Overcast Inst. No. 24280
Notes by M.L. Bostrom Time 9:45 - 10:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 44-5 To BM 44-4
Date 18 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 100.871	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 134.626	Mean	Thread Intervals	Sum of Intervals
11	4158	53.1104	150	2952		5768	50.6402	154	2911
	4008		154			5632		154	
	3857					5478			
	12020	4.0067	304	3256		16898	56.3267	310	3221
12	4900		150			4709		151	
	4750		152			4558		150	
	4598					4408			
	14248	4.7493	302	3558		13675	4.5583	301	3522
13	5831		152			4600		168	
	5679		154			4432		165	
	5525					4267			
	17035	5.6783	306	3864		13299	4.4330	333	3855
14	5968		152			5362		153	
	5816		149			5209		156	
	5667					5053			
	17451	5.6170	301	4165	70°	15624	5.2080	309	4164

FB 1302 PG. 40

	221.585	73.8619	211.116 70.3722

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-5
To B.M. 44-4

Total Backsights = + 73.8619
Total Foresights = − 70.3722
Diff. Elev. = + 3.4895 m

Backsight stadia = 416 ft
Foresight Stadia = 416 ft
Total Stadia = 0.329 ft
= 153 m.

BM 44-4
Brass Bolt in Rock at 5.7 Ave
See FB 1302-106

76P525-CR 379 -10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 2:40-3:20 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02-
From BM 44-5 To BM 44-6
Date 6-17-63
Indexed C. J. GALLE

Number of Station	BACKSIGHT Thread 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	4.721		137		19	6.431		134		BM 44-5
	4.584		136			6.297		136		5th Ave at Banning Way
	4.448		273			6.161		270		see F.B. 1366-107
	13753	4.5843		273	86°	18889	6.2963		270	
2	3.461		138			6.537		147		
	3.323		138			6.390		145		T. Bustrum
	3.185		276			6.245		272		
	9967	3.3230		549		19.172	6.3907		562	
3	3.612		131			5.751		132		
	3.481		132			5.619		134		
	3.349		263			5.485		266		
	10442	3.4807		812		16.855	5.6183		828	
4	4.140		162			4.975		147		
	3.978		163			4.828		148		
	3.815		325			4.680		295		
	11933	3.9777		1137		14.483	4.8277		1123	
5	5.404		150			4.960		147		
	5.254		149			4.813		146		
	5.105		299			4.667		293		
	15763	5.2543		1436		14440	4.8133		1416	
	61.860	20.6200				83.839	27.9463			

F.B. 2092 P.G. 41

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by K. M. Kapp

Weather Clear Inst. No. 26280
Time 2:40-3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-5 To BM 44-6
Date 6-17-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	61.860					83.639				
	5.401	20.6200	137	1.436		4.303	27.9463	150	1.416	
	5.264		137			4.153		152		
6	5.127		274			4.001		302		
	15.792	5.2640		1.710		12.457	4.1523		1.718	
	5.769		142			3.651		144		
	5.627		144			3.507		145		
7	5.483		286			3.362		287		
	16.879	5.6263		1.996		10.520	3.5067		2.007	
	6.918		157			2.848		149		
	6.761		160			2.699		150		
8	6.601		317			2.549		299		
	20.280	6.7600		2.313		8.096	2.6987		2.306	
	7.029		160			3.462		156		
	6.869		161			3.306		158		
9	6.708		321			3.148		317		
	20.606	6.8687		2.634		9.916	3.3053		2.620	
	5.940		140			3.712		151		
	5.800		140			3.561		153		
10	5.660		280			3.408		304		
	17.400	5.8000		2.914		10.681	3.5603		2.924	
	152.817	50.9340				135.507	45.1696			

F.B. 2892 G.42

79P536-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B.E. Brooks Weather Clear Inst. No. 26280
Notes by K.M. Kapp Time 2:40 - 3:20 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-5 To BM 44-6
Date 6-17-63
Indexed C.J. GALLI

Number of Station	BACKSIGHT Thread Readings 155.817	† Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings 135.509	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.312	50.9390	144	2.914		4.122	45.1696	1150	2.924	
	6.168		142			3.972		151		
11	6.027		290			3.821		301		
	18.502	6.1673		3.204		11.915	3.9717		3.225	
	5.697		141			4.075		146		Summation of Run
	5.756		138			3.929		146		From B.M. 44-5
2	5.618		279			3.783		292		To B.M. 44-6
	17.271	5.7570		3.483		11.787	3.9290		3.517	
	6.047		125			4.948		125		BM 44-6
	5.924		124			4.823		123		Fifth Ave., 0.48 mi. W.
13	5.800		249			4.700		248		Rt. Banning Way
	17.771	5.9243		3.722	68°	14.471	4.8237		3.765	See F.B. 1366-108
										Total Backsights = + 68.7876
										Total Foresights = − 57.8940
										Diff. Elev. = + 10.8936
										Backsight stadia = 3.732
										Foresight Stadia = 3.765
										Total Stadia = 7.497
										= 0.47 mi.
	206.363					173.682				
		68.7876					57.8940			

F.B. 1366 P.G. 107

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks ... Weather Overcast ... Inst. No. 26280
Notes by E. E. Brooks ... Time 9:50 - 4:40 ... Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-C To BM 44-5
Date 15 June 1967
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.640		.133			5.724		.116		BM 44-C
	4.507		.134			5.608		.116		Fifth Ave., 0.48 mi. W.
1	4.373		.267			5.492		.232		of Benning Way
	13.520	4.5067		.267	68°	11.824	5.6080		.232	See F.B. 1366-108
	3.852		.145			5.673		.141		
	3.707		.146			5.532		.140		N Alvord
2	7.561		.291			5.392		.161		
	11.120	3.7069		.568		16.597	5.5323		.513	
	3.759		.139			6.926		.157		
	3.620		.140			6.819		.157		
3	3.480		.279			5.662		.314		
	10.859	3.6197		.834		19.457	5.8190		.827	
	3.479		.155			5.704		.140		
	3.324		.154			5.564		.139		
4	3.170		.309			5.428		.279		
	9.973	3.3243		1.146		16.702	5.5673		1.106	
	3.159		.150			6.241		.190		
	3.009		.150			6.051		.190		
5	2.859		.300			6.401		.340		
	9.027	3.0090		1.446		19.713	6.5710		1.446	
	54.499	16.164				89.233	41.0976			

76PS26-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. 26280
Notes by E. E. Brooks Time 8:50 - 9:40 Rod No. 19-20

Name ILA. Co. Precise Level Net
Job No. 0301.02
From BM 44-1 To BM 44-5
Date 18 June 1963
Indexed C. I. GALLI

Number of Station	BACKSIGHT Thread Readings 54.499	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 87.273	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	2.721	18.1664	.150	1.446		6.792	29.0946	.160	1.446	
	2.571		.148			6.632		.160		
	2.423		.298			6.472		.320		
	7.715	2.5717		1.744		19.896	6.6320		1.766	
7	3.532		.144			5.649		.141		
	3.388		.145			5.508		.144		
	3.243		.289			5.364		.285		
	10.163	3.3847		2.033		16.521	5.5070		2.051	
8	4.150		.149			5.2[illegible]		.137		
	4.001		.151			5.111		.134		
	3.850		.300			4.974		.271		
	12.001	4.0003		2.333		15.336	5.1120		2.322	
9	4.641		.149			5.088		.147		
	4.492		.150			4.931		.149		
	4.342		.299			4.782		.298		
	13.475	4.4917		2.632		14.794	4.9310		2.620	
10	4.820		.149			[illegible]		.160		
	4.671		.148			3.820		.160		
	4.523		.297			3.660		.320		
	14.014	4.6713		2.929		11.460	3.8200		2.940	
	118.867	39.2891				165.299	55.0996			

F.B. 2892 P.G. 45

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Cloudy Inst. No. 26280
Notes by F. E. Brooks Time 8:52 - 9:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-6 To BM 44-5
Date 18 June 1947
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.207					12.203				
11	5.420 5.287 5.424	5.5903	.133 .131 .211	3.929		3.257 3.693 3.301	3.4320	.171 .171 .212	2.940	Summation of Run From B.M. 44-6 To B.M. 44-5
	16.911			3.175		10.296			2.424	
12	6.372 6.225 6.081		.147 .146 .195			3.284 3.159 3.042		.130 .134 .194		Total Backsights = + 45.395 37 Total Foresights = − 45.976 21 Diff. Elev. = = −10.8425
	12.578	6.2289		3.488		9.475	3.1583		2.458	
13	6.936 5.999 6.602		.137 .137 .274			4.421 4.267 4.151		.134 .136 .270		BM 44-5 Fifth Ave. E Banning Way See F.B. 1366-107
	14.227	6.1990		3.762	68°	12.259	4.0863		3.844	
F.B. 0962 Pg. 44										Backsight Stadia = 3.762 Foresight Stadia = 3.844 Total Stadia = 7.606 = 48 mile
	46.251	54.6837				41.927	65.9476			

75P526-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. 26280
Notes by F. E. Brooks Time 11:15 - 12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 44-6 To BM 44-7
Date 18 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	S. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7.425		.150			4.210		.158		BM 44-6
	7.275		.150			4.207		.155		5th Ave 0.48 mi W. of
	7.125		.300			4.049		.313		Banning Way
	21.825	7.2750		.300	70°	12.609	4.2630		.313	See F.B. 1366-108
2	6.141		.159			4.121		.159		
	5.987		.159			3.962		.156		π Kapp
	5.829		.312			3.806		.315		
	17.957	5.9857		.612		11.889	3.9630		.628	
3	6.258		.159			4.541		.160		
	6.100		.155			4.412		.160		
	5.945		.313			4.252		.320		
	18.303	6.1010		.925		13.238	4.4127		.950	
4	6.588		.159			5.700		.160		
	6.429		.159			5.540		.160		
	6.290		.318			5.380		.320		
	19.287	6.4290		1.243		16.620	5.5400		1.290	
5	5.916		.160			4.646		.156		
	5.756		.163			4.520		.158		
	5.593		.323			4.362		.314		
	17.265	5.7550		1.566		13.558	4.5193		1.584	
	94.637	31.5457				67.914	22.6380			

F.B. 2892 P.G. 447

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by E. E. Brooks Time 11:15 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701.02
From BM 44-6 To BM 44-7
Date 18 June 1963
Indexed E. J. GAUT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	94.637					67.914				
	6.072	31.5457	.162	1.566		4.929	22.6380	.170	1.584	
6	5.910		.162			4.769		.170		
	5.748		.324			4.599		.340		
	17.730	5.9100		1.890		14.307	4.7690		1.924	
	5.740		.162			5.211		.160		
7	5.578		.165			5.051		.161		
	5.413		.327			4.890		.321		
	16.731	5.5770		2.217		15.152	5.0507		2.245	
	4.428		.162			6.699		.165		
8	4.260		.164			6.534		.165		
	4.096		.332			6.369		.330		
	12.784	4.2613		2.549		19.602	6.5340		2.575	
	4.490		.160			6.574		.166		
9	4.330		.161			6.408		.170		
	4.169		.321			6.238		.336		
	12.989	4.3297		2.870		19.220	6.4067		2.911	
	4.143		.167			6.572		.163		
10	3.976		.166			6.349		.167		
	3.810		.333			6.182		.330		
	11.929	3.9763		3.203		19.043	6.3477		3.241	
	166.800	55.6000				155.038	51.7461			

F.B. 2892 P.G. 48

79PG26-CE 879—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No 22280
Notes by F. E. Brooks Time 11:15 - 12:00 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No 03201.02
From BM 44-C To BM 44-Y
Date 18 June 1963
Indexed C.J. Gall

Number of Station	BACKSIGHT Thread Readings 186.800	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 155.738	Mean	Thread Intervals	Sum of Intervals
11	4.103	55.600	.162	3.207		6.371	51.1411	.169	3.241
	3.941		.161			6.202		.168	
	3.780		.323			6.034		.337	
	11.824	3.9413		3.526		18.607	6.2023		3.578
12	4.280		.175			6.281		.150	
	4.108		.171			6.131		.150	
	3.937		.347			5.981		.300	
	12.325	4.1083		3.869		18.393	6.1310		3.878
13	4.610		.132			7.030		.150	
	4.478		.129			6.740		.150	
	4.349		.261			6.590		.300	
	13.437	4.4790		4.130	72°	20.820	6.9400		4.178

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-C
To B.M. 44-Y

Total Backsights = + 68.1286'
Total Foresights = - 71.0194'
Diff. Elev. = - 2.8908'

BM 44-Y
5TH Ave 0.25 mi E. of
Brea Canyon Cut off
See FB. 1366 - 119

Backsight stadia = 4.130'
Foresight Stadia = 4.178'
Total Stadia = 8.308'
= .53 mi.

F.B. 1366 P.G. 99

204.386 68.1286 213.058 71.0194

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 25280
Notes by F. E. Brooks Time 11:10 - 11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-7 To BM 44-C
Date 20 June 1963
Indexed E. J. GALLY

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.351		.141			3.892		.152		BM 44-7
	6.210		.141			3.750		.142		5th Ave 0.25 mi E. of
	6.069		.282			3.608		.284		Brea Canyon Cutoff
	18.630	6.2100		.282	74°	11.250	3.7500		.284	See FB 1366-119
2	5.918		.160			3.899		.164		
	5.758		.161			3.735		.162		T Alvarez
	5.597		.321			3.573		.326		
	17.273	5.7577		.603		11.207	3.7357		.610	
3	5.938		.170			3.662		.161		
	5.768		.167			3.501		.161		
	5.601		.337			3.340		.322		
	17.307	5.7690		.940		10.503	3.5010		.932	
4	6.013		.164			3.647		.168		
	5.849		.164			3.479		.170		
	5.685		.328			3.309		.338		
	17.547	5.8490		1.268		10.435	3.4783		1.270	
5	6.102		.167			4.021		.161		
	5.935		.167			3.861		.162		
	5.768		.334			3.699		.323		
	17.805	5.9350		1.602		11.581	3.8603		1.593	
	88.562	29.5207				54.976	18.3257			

F.B. 2892 F.G. 50

76P325-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 S. E. Brooks Weather Hazy Inst. No. 26280
Notes by S. E. Brooks Time 11:10 - 11:55 Rod No. 19-26

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-7 To BM 44-6
Date 20 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	88.562					54.976				
6	6.149	29.5209	.166	1.602		3.881	18.3253	.169	1.593	
	5.983		.162			3.712		.165		
	5.821		.328			3.547		.334		
	17.953	5.9843		1.930		11.140	3.7133		1.927	
7	4.830		.160			5.361		.163		
	4.670		.159			5.198		.161		
	4.511		.319			5.037		.324		
	14.011	4.6703		2.249		15.596	5.1987		2.251	
8	4.493		.171			5.628		.165		
	4.322		.169			5.463		.161		
	4.153		.340			5.302		.326		
	12.968	4.3227		2.589		16.393	5.4643		2.577	
9	4.365		.158			5.608		.160		
	4.207		.155			5.442		.161		
	4.052		.313			5.281		.321		
	12.624	4.2080		1.902		16.325	5.4417		2.898	
10	5.003		.158			6.088		.157		
	5.045		.158			5.931		.156		
	4.887		.316			5.775		.313		
	15.135	5.0450		3.218		17.794	5.9313		3.211	
	161.253	53.7510				132.224	44.0746			

F.B. 2892 P.G. 57

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 11:10 - 11:55 Rod No. 19-20

Name I.A. Co. Precise Level Net
Job No. 0301.62
From BM 44-7 To BM 44-6
Date 20 June 1963
Indexed E. J. GAH

Number of Station	BACKSIGHT Thread Readings 161.2-53	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 132.224	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	4.098	53.7516	.160	3.218		5.782	44.0746	.155	3.211	Summation of Run
	3.938		.160			5.627		.158		From B.M. 44-7
	3.778		.320			5.469		.313		To B.M. 44-6
	11.814	3.9380		3.538		16.878	5.6260		3.524	
12	3.448		.159			5.467		.158		Total Backsights = + 64.5160
	3.289		.159			5.309		.157		Total Foresights = − 61.6189
	3.130		.318			5.152		.315		Diff. Elev. = + 2.8971
	9.867	3.2890		3.856		15.928	5.3093		3.839	
13	3.695		.157			6.757		.151		BM 44-6
	3.538		.157			6.608		.148		5th Ave 0.48 mi W of
	3.381		.314			6.460		.299		Banning Way
	10.614	3.5380		4.170	76°	19.827	6.6090		4.138	See F.B. 1366-108
										Backsight stadia = 4.170
										Foresight Stadia = 4.138
										Total Stadia = 8.308
										= .53 mi.
	193.548	64.5160				184.859	61.6189			

F.B. 2947 P.G. 52

75P526-CE 379 10-57

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 1105 - 1150 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-7 To BM 44-8
Date 18 June 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.881		.159			6.413		.174		BM 44-7
	4.722		.160			6.239		.178		5th Ave 0.25 mi F. of
	4.562		.319			6.061		.352		Brea Canyon Cut off.
	14.165	4.7217		.319	82°	18.713	6.2377		.352	See F.B. 1366-119
2	4.379		.161			6.609		.161		
	4.178		.165			6.448		.164		π Voldez
	4.013		.326			6.284		.325		
	12.570	4.1767		.645		19.341	6.4470		.677	
3	3.818		.157			7.269		.158		
	3.664		.155			7.111		.154		
	3.512		.306			6.957		.312		
	10.997	3.6657		.951		21.337	7.1123		.909	
4	3.338		.156			6.717		.157		
	3.182		.153			6.560		.155		
	3.029		.309			6.405		.312		
	9.549	3.1830		1.260		19.682	6.5607		1.301	
5	4.453		.153			6.340		.161		
	4.300		.157			6.179		.160		
	4.143		.310			6.019		.321		
	12.896	4.2987		1.570		18.538	6.1793		1.622	
	60.137	20.0458				97.611	32.5370			

F.B. 2892 PG. 53

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 1:15 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level No.
Job No. 0301.02
From BM 44-7 To BM 44-8
Date 18 June 1963
Indexed E. J. GAIT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	60.137					47.671				
6	4.289	20.0458	.140	1.570		6.169	32.5770	.148	1.622	
	4.119		.173			6.021		.149		
	3.946		.347			5.872		.297		
	12.354	4.1180		1.917		18.062	6.0207		1.919	
7	4.329		.154			6.840		.158		
	4.175		.153			6.712		.157		
	4.022		.307			6.555		.315		
	12.526	4.1753		2.220		20.137	6.7123		2.234	
8	4.744		.162			6.591		.160		
	4.582		.159			6.431		.162		
	4.423		.321			6.269		.322		
	13.749	4.5830		2.544		19.291	6.4303		2.556	
9	3.989		.148			7.830		.151		
	3.841		.152			7.679		.154		
	3.689		.300			7.525		.305		
	11.519	3.8397		2.841		23.034	7.6780		2.811	
10	2.577		.158			8.708		.163		
	2.419		.160			8.545		.162		
	2.259		.318			8.387		.325		
	7.255	2.4183		3.159		25.636	8.5457		3.186	
	114.540	39.4801				203.771	67.9236			

F.B. 2892 P.G. 54

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 1:05 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-7 To BM 44-8
Date 18 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 27.540	Mean	Thread Intervals	Sum of Intervals	S. S. Rod and Temp.	FORESIGHT Thread Readings 203.771	Mean	Thread Intervals	Sum of Intervals
11	1.683	39.1801	.151	3.159		8.268	69.9736	.156	3.186
	1.532		.150			8.112		.152	
	1.382		.301			7.960		.308	
	4.597	1.5323		3.460		24.340	8.1133		3.494
12	1.562		.165			8.876		.168	
	1.397		.169			8.708		.166	
	1.228		.334			8.542		.334	
	4.187	1.3957		3.794		26.126	8.7087		3.828
13	1.725		.149			8.700		.151	
	1.576		.149			8.549		.150	
	1.427		.298			8.399		.301	
	4.728	1.5760		4.092		25.648	8.5493		4.129
14	1.968		.150			8.818		.166	
	1.818		.150			8.652		.162	
	1.668		.300			8.490		.328	
	5.454	1.8180		4.392		25.960	8.6533		4.457
15	2.551		.110			7.134		.085	
	2.441		.109			7.049		.085	
	2.332		.219			6.964		.170	
	7.324	2.4413		4.611	82°	21.147	7.0490		4.627
	143.830	47.9434				376.992	108.9972		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-7
To B.M. 44-8

Total Backsights = + 47.9434
Total Foresights = − 108.9972
Diff. Elev. = − 61.0538

Backsight stadia = 4.611
Foresight Stadia = 4.627
Total Stadia = 9.238
= 58 mi

BM 44-8
5th Ave 0.32 mi W of Brea
Canyon Cutoff
See F.B. 1566-110

F.B. 2892 P.G. 55

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26220
Notes by Bostnum Time 10:20 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-8 To BM 44-7
Date June 20-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7681		.106	.201	#19	3070		.095		BM 44-8
	7581		.101			2975		095	.190	5TH Ave. 0.32 mi W. of
1	2680					2880				Brea Canyon Cutoff
	22742	7.5807	.201		68°	8925	2.9759	.190		See F.B. 1346 - 116
	8636		164			1788		153		
	8472		162			1635		153		
2	5310					1482				
	25418	8.4727	326	.527		4905	1.6350	306	.496	N. Kipp
	8632		151			1660		150		
	8481		151			1510		150		
3	8350					1360				
	25443	8.4816	302	.829		4530	1.5100	300	.796	
	9134		169			1828		170		
	8970		170			1658		168		
4	8600					1490				
	26909	8.9699	239	1.068		4976	1.6588	238	1.034	
FB 1342 PG 52	8351		152			1769		151		
	8199		156			1618		153		
5	2043					1465				
	24593	8.1977	308	1.376		4852	1.6173	304	1.338	
	125105	41.7018				28188	23961			

76/528-CE 279 · 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 21280
Notes by Bushnell Time 10:20 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701.02
From BM 44-E To BM 44-Z
Date June 20-63
Indexed C. J. Gatti

Number of Station	BACKSIGHT Thread Readings 12.5105	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 28.188	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	8761	4.7018	163	1.376		26.27	9.3961	160	1.338	
	8598		165			24.69		159		
	8433					23.10				
	25.792	8.5973	328	1.704		7.408	2.4693	319	1.657	
7	7509		141			36.91		161		
	7368		141			35.30		161		
	7227					33.69				
	22.104	7.3680	280	1.984		10.590	3.5300	322	1.979	
8	6728		164			48.79		161		
	6564		160			47.18		160		
	6404					45.58				
	19.696	6.5653	324	2.308		14.155	4.7183	321	2.300	
9	7078		159			45.33		152		
	6919		159			43.81		151		
	6760					42.30				
	20.757	6.9190	318	2.626		13.144	4.3813	303	2.603	
10	6350		161			44.41		156		
	6189		161			42.85		157		
	6028					41.28				
	18.567	6.1890	322	2.948		12.854	4.2847	303	2.906	
	232.021	77.3404				81.339	27.1797			

F.B. 489 P.G. 57

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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Chief of Party F. E. Brooks Weather overcast Inst. No. 26780
Notes by Bustrum Time 10:20 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-8 To BM 44-7
Date June 20, 1962
Indexed E. J. GALL

Number of Station	BACKSIGHT Thread Readings 232021	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 86334	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6630	77.3404	160	2.748	#19	4751	28.7797	154	2.906	
	6470		160			4597		157		
11	6310					4440				Summation of Run
	19410	6.4700	.320	3.268		13788	4.5963	.311	3.217	From B.M. 44-8
										To B.M. 44-7
	6438		148			3075		164		
	6290		148			2911		163		
12	6142					2748				
	18870	6.2900	.296	3.564		8734	2.9113	.327	3.544	Total Backsights = + 110.2547
	7268		157			3818		156		Total Foresights = − 49.2074
	7111		153			3662		152		Diff. Elev. = + 61.0473
13	6958					3510				
	21337	7.1123	.310	3.874		10990	3.6633	.308	3.852	
	6818		165			4550		161		Backsight stadia = 4.551
	6653		161			4389		160		Foresight Stadia = 4.491
14	6492					4229				Total Stadia = 9.042
	19963	6.6543	.326	4.200		13168	4.3893	.321	4.173	= .57 mi
	6563		174			5027		169		BM 44-7
15	6389		177			4868		159		5th Ave 0.25 mi E. of
	6212					4709				Brea Canyon Cutoff
	19164	6.3887	.351	4.551	74°	14604	4.8680	.318	4.491	See F.B. 1366-119
	330765	110.2547				147623	49.2074			

BB 1092 P.G. 58

79P525-CE 978—10 87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by Bustrum Time 2:10 – 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-8 To BM 44-9
Date 6-18-63
Indexed E. J. GAUL

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3906 3758 3610 11274	3.7580	148 148 296	296	#19 80°	7035 6885 6735 20655	6.8850	150 150 300	300	BM 44-8 5th Ave 0.32 mi W. of Brea Canyon Cutoff See F.B. 1366-110
2	3878 3732 3589 11199	3.7330	146 143 289	.585		6561 6408 6253 19222	6.4073	153 155 308	.608	~~Summation of Run~~ T Valdez ~~From B.M.~~ ~~To B.M.~~
3	3883 3733 3582 11200	3.7333	152 151 303	.888		5768 5612 5460 16840	5.6133	156 152 308	.916	~~Total Backsights~~ = ~~Total Foresights~~ = ~~Diff. Elev.~~ =
4	4570 4420 4268 13258	4.4193	150 152 302	1.190		3781 3635 3488 10904	3.6347	146 147 293	1.209	~~Backsight Stadia~~ = ~~Foresight Stadia~~ = ~~Total Stadia~~ =
5	6334 6183 6032 18549	6.1830	151 151 302	1.492		3211 3057 2903 9173	3.0577	152 156 308	1.517	
	65480	21.8266				76794	25.5980			

F.B. 2892 PG. 59

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks
Notes by Bostrum
Weather Hazy Inst. No. 26280
Time 2:10 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-B To BM 44-9
Date 6-18-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 25.480	Mean	Thread Intervals	Sum of Intervals	R. S. Rod and Temp.	FORESIGHT Thread Readings 22.394	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6758	21.8266	1.67	1.492	#19	3089	25.5980	165	1.517	
	6571		1.64			2926		164		
	4427					2762				
	19.776	6.5920	.331	1.823		8.777	2.9257	.329	1.846	
7	6169		149			4975		156		
	6020		152			4819		158		
	5868					4661				
	18.057	6.0190	301	2.124		14455	4.8183	314	2.160	
8	4497		150			6079		155		
	4347		152			5924		153		
	4195					5771				
	13.039	4.3463	302	2.426		17.774	5.9247	308	2.468	
9	4017		151			6542		153		
	3856		153			6389		151		
	3703					6238				
	11.566	3.8553	304	2.730		19.169	6.3897	304	2.772	
10	3704		155			6507		158		
	3549		156			6349		160		
	3393					6189				
	10.646	3.5487	311	3.047		19045	6.3483	318	3.090	
	138.564	46.1879				156.014	52.0047			

FB 2212 PG. 40

75P525-CE 378—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. F. Brooks Weather Hazy Inst. No. 26280
Notes by Bustrum Time 2:10 – 3:00 Rod No. 19-20

Name F.A. Co. Precise Level Rlst
Job No. 0301.02
From BM 44-8 To BM 44-9
Date 6-18-63
Indexed S. J. GALLI

Number of Station	BACKSIGHT Thread Readings 138.514	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 156.014	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	3845	46.1879	151	3.041	#19	6.029	52.0047	138	3.090	Summation of Run
	3694		152			5891		139		From B.M. 44-8
	3542					5752				To B.M. 44-9
	11.081	3.6937	303	3.344		17672	5.8907	277	3.367	
2	4149		160			5977		164		Total Backsights = + 61.8976
	3989		160			5813		162		Total Foresights = – 75.8464
	3829					5651				Diff. Elev. = – 13.9488
	11967	3.9890	320	3.664		17441	5.8137	326	3.693	
13	4408		147			6114		145		Backsight stadia = 4.202
	4261		150			5969		141		Foresight Stadia = 4.219
	4111					5828				Total Stadia = 8.421
	12780	4.2600	297	3.961		17.911	5.9703	286	3.979	= 0.53 mi.
14	3888		122			6287		120		BM 44-?
	3766		119			6167		120		5th Ave at Otterbein
	3647					6047				Mar
	11301	3.7670	241	4.202	84"	18501	6.1670	240	4.219	See FB 1366-111
	185.693					227.539				
		61.8976					75.8464			

F.B. 4892 P.G. 61

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear & cool Inst. No. 26280
Notes by F. E. Brooks Time 7:40 / 12:10 Rod No. 12-20

Name C.A. Co. Precise Level Mark
Job No. 0301.02
From BM 44-2 To BM 44-8
Date 20 June 1912
Indexed E. J. GAU

Number of Station	BACKSIGHT Thread 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	4.560		.120			4.161		.120		BM 44-7
	4.440		.120			4.041		.120		5th Ave at Otterbein Ave.
	4.320		.240			3.921		.240		See FB-1366-111.
	13.320	4.4400		.240	68°	12.123	4.0410		.240	
2	4.263		.146			4.537		.146		T Kapp
	4.119		.146			4.391		.146		
	3.973		.190			4.262		.194		
	12.355	4.1183		.530		13.928	4.4093		.534	
3	4.086		.165			4.259		.161		
	3.921		.163			4.098		.160		
	3.758		.328			3.938		.321		
	11.765	3.9217		.856		12.295	4.0983		.855	
4	4.166		.148			3.901		.141		
	4.038		.148			3.840		.142		
	3.996		.296			3.698		.283		
	12.114	4.0380		1.154		11.519	3.8397		1.136	
5	4.272		.157			4.072		.154		
	4.115		.156			3.918		.158		
	3.959		.313			3.760		.312		
	20.141	4.0283		1.467		11.750	3.9167		1.456	
	93.700	4.2333				60.715	4.0477			

75F828-0E 073 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks, E. E. Brooks Weather Overcast Inst. No. 26280
Notes by ..... Time 9:40 – 10:10 Rod No. 19-20

Name C.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-9 To BM 44-8
Date 20 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	93.700					10.915				
6	6.920	31.2333	.150	1.467		7.389	20.3050	.155	1.450	
	6.770		.152			4.234		.153		
	6.618		.302			4.081		.308		
	20.308	6.7693		1.769		12.704	4.2347		1.758	
7	6.393		.151			4.816		.154		
	6.242		.152			4.662		.151		
	6.090		.303			4.511		.305		
	18.725	6.2417		2.072		13.989	4.6630		2.063	
8	5.340		.159			6.534		.151		
	5.181		.158			6.383		.151		
	5.023		.317			6.232		.302		
	15.544	5.1813		2.389		19.149	6.3830		2.365	
9	3.278		.166			6.946		.166		
	3.112		.162			6.780		.169		
	2.950		.328			6.611		.335		
	9.340	3.1133		2.717		20.337	6.7790		2.400	
10	3.155		.155			6.278		.150		
	3.000		.152			6.128		.152		
	2.848		.307			5.976		.302		
	9.003	3.0010		3.024		18.382	6.1273		3.002	
	166.625	55.5399				145.446	48.4920			

F.B. 2842 P.G. 63

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:40 - 10:10 Rod No. 19-20

Name C.A. Co. Precise Level Mat
Job No. C301.02
From BM 44-9 To BM 44-8
Date 20 June 1967
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	166.620					145.476				
11	4.110	55.5339	.149	3.024		4.898	48.4920	.151	3.002	Summation of Run
	3.961		.147			4.744		.152		From B.M. 44-9
	3.814		.296			4.595		.303		To BM 44-8
	11.885	3.9617		3.320		14.240	4.7467		3.305	
12	6.142		.154			4.259		.150		Total Backsights = + 79.1250
	5.988		.158			4.109		.152		Total Foresights = - 65.1843
	5.830		.312			3.957		.302		Diff. Elev. = + 13.9407
	17.960	5.9867		3.632		12.325	4.1083		3.607	
13	6.859		.156			4.177		.146		Backsight stadia = 7.227
	6.703		.152			4.031		.143		Foresight Stadia = 4.206
	6.550		.309			3.888		.289		Total Stadia = 8.433
	20.112	6.7040		3.941		12.096	4.0320		3.896	= .53 mi.
14	7.076		.144			3.960		.154		BM 44-8
	6.932		.142			3.806		.156		5th Ave 0.32 mi W. of
	6.790		.286			3.650		.310		Brea Canyon cut off
	20.798	6.9327		4.227	68°	11.416	3.8053		4.206	See FB 1366-110
	237.375	79.1250				145.553	65.1843			

F.B. 1892 R.G. 64

76P826-CE 375 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 21:55 - 3:30 Rod No. 19 - 20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-9 To BM 44-9A
Date 18 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.461		.159			6.281		.154		BM 44-9
	5.302		.160			6.127		.158		5th Ave at Otterbein Ave
	5.142		.319			5.969		.312		See F.B. 1366-111
	15.905	5.3017		.319	84°	18.377	6.1257		.312	
2	3.949		.154			7.404		.155		π Valdez
	3.795		.158			7.249		.158		
	3.640		.309			7.091		.313		
	11.384	3.7947		.628		21.744	7.2480		.625	
3	1.712		.153			8.650		.158		
	1.559		.154			8.492		.158		
	1.405		.307			8.334		.316		
	4.676	1.5587		.935		25.476	8.4920		.941	
4	2.293		.165			6.946		.157		
	2.128		.167			6.790		.158		
	1.961		.332			6.632		.314		
	6.382	2.1273		1.267		20.368	6.7893		1.255	
5	4.009		.148			6.299		.148		
	3.861		.150			6.151		.145		
	3.711		.298			6.006		.293		
	11.581	3.8603		1.565		18.456	6.1520		1.548	
	49.928	16.6427				104.421	34.8070			

F.B. 1842 P.G. 65

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 2:55 - 3:30 Rod No. 19-20

Name EA Co. Precise Level No. 1
Job No. 1301.02
From BM 44-9 To BM 44-9A
Date 18 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 49.928	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 104.421	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.475	16.6427	.146	1.565		6.039	34.8070	.146	1.548	Summation of Run
	4.329		.144			5.893		.144		From B.M. 44-9
	4.185		.190			5.749		.190		To B.M. 44-9A
	12.989	4.3297		1.855		17.681	5.8937		1.838	
7	4.702		.182			6.838		.185		Total Backsights = + 33.3901
	4.520		.182			6.653		.182		Total Foresights = − 58.8627
	4.338		.364			6.471		.367		Diff. Elev. = −25.4726
	13.560	4.5200		2.219		19.962	6.6540		2.205	
8	3.906		.186			6.056		.184		Backsight stadia = 2.942
	3.800		.190			5.872		.182		Foresight Stadia = 2.956
	3.610		.376			5.690		.366		Total Stadia = 5.898
	11.396	3.7987		2.595		17.618	5.8727		2.571	= 0.37 mi.
9	4.272		.172			5.828		.193		BM 44-9A
	4.100		.175			5.635		.192		5th Ave. at Conc. Head Wall
	3.925		.347			5.443		.385		at M.L. 228
	12.297	4.0990		2.942	82°	16.906	5.6353		2.956	See F.B. 1366 - 111
	100.170					176.588				
		33.3901					58.8627			

F.B. 28926 F.G. 66

7GP526-CE 979—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. 26280
Notes by Bustrom Time 9:05 9:40 Rod No. 17-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44 9A To BM 44-9
Date June 20-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6160		190	382	#19	4603		171	343	BM 44-9A
	5970		192			4432		172		5th Ave. at Conc. Headwall
	5778					4260				at Mi. 2.28.
	17908	5.9693	382		64°	13295	4.4317	343		See F.B. 1366-111
2	6292		182			4226		186		
	6110		181			4038		188		T K 3/pp
	5929					3850				
	18331	6.1103	363	745		12114	4.0380	376	719	
3	7051		181			4919		184		
	6870		182			4735		185		
	6688					4550				
	20609	6.8691	363	1108		14204	4.7347	969	1086	
4	6359		147			4793		143		
	6212		143			4650		147		
	6069					4503				
	18640	6.2133	290	1598		13946	4.6487	290	1378	
5	6521		147			4230		147		
	6374		146			4083		146		
	6228					3937				
	19123	6.3743	293	1691		12250	4.0833	293	1671	
	94611	31537				65809	21936			

F.B. 1342 PG. 47

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

SHEET MUST BE MADE OR CIRCLED IN RED INK. WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks — Weather over 6251 — Inst. No. 26280
Notes by Bustrum — Time 9:05 9:40 — Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-9A To BM 44-9
Date 20 June 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	9[4]611	6				65809			
6	7108	3153[10]9	158	1.691		24555	21936	166	1.671
	6950		155			22589		169	
	6795					21120			
	20853	6.9510	.313	2.004		6864	2.2880	.335	2.006
7	8550		160			16410		153	
	8390		160			14557		157	
	8230					13000			
	25170	8.3900	.320	2.324		43567	1.4557	.310	2.316
8	7560		.155			41105		.155	
	7405		.155			39550		.152	
	7250					37998			
	22215	7.4050	.310	2.634		11.8653	3.9510	.307	2.623
9	6485		.157			56600		.154	
	6328		158			55026		.156	
	6170					53446			
	18983	6.3277	.315	2.949	68°	16508	5.5027	.310	2.933
	161832	60[10]886				105401	35[10]338		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-9A
To B.M. 44-9

Total Backsights = + 60.6886
Total Foresights = − 35.1338
Diff. Elev. = + 25.5548

Backsight stadia = 2.949
Foresight Stadia = 2.933
Total Stadia = 5.882
= .32m

BM 44-9
514 Ave. F Calder Basin Ave
See F.B. 1366-111

FB 1594 P.G. 68

78P620-CE 978—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 1:10 - 1:30 Rod No 19-10

C.A. Co. Precise Level Net
Name
Job No. 9301.02
From BM 44-9A To BM 44-10
Date 20 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.440 4.303 4.169 12.912	4.3040	137 134 271	271	80°	6.080 5.801 5.742 17.623	5.8610	279 139 278	278	BM 44-9A S 76 Ave at Linc. Headwall at-Mi. E 45 See ITB. Pg 6 - III
2	4.593 4.430 4.240 13.223	4.4310	163 160 323	594		6.626 6.489 6.731 19.846	6.6153	159 159 318	596	T. Kapp
3	4.692 4.256 4.561 19.209	4.7363	150 149 299	893		6.350 6.177 6.025 18.552	6.1773	153 152 305	900	
4	4.492 4.332 4.176 12.999	4.3323	161 160 321	1214		6.535 6.168 6.304 19.005	6.3683	167 166 333	1233	
5	4.528 4.427 4.295 13.250	4.4169	151 152 303	1517		6.440 6.266 6.186 18.890	6.2966	160 160 320	1553	
	66.691	22.2303				94.686	31.4957			

F.B. 6942 P.G. 69

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 1:10 - 1:30 Rod No. 13-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 44-9A To BM 44-10
Date 20 June 1962
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 16.497	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 24.488	Mean	Thread Intervals	Sum of Intervals
6	4.610	22.2303	150	1.517		6.980	31.4759	149	1.553
	4.460		150			6.131		150	
	4.310		300			5.981		299	
	13.380	4.4600		1.817		18.392	6.1307		1.852
7	4.681		149			6.211		151	
	4.532		151			6.060		150	
	4.381		300			5.910		301	
	13.594	4.5317		2.117		18.181	6.0603		2.153
8	4.899		120			6.700		120	
	4.779		120			6.580		120	
	4.659		240			6.460		240	
	14.337	4.7790		2.357		19.740	6.5800		2.393
	108.002	36.0006				150.801	50.2669		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-9A
To B.M. 44-10

Total Backsights = + 36.0006
Total Foresights = − 50.2669
Diff. Elev. = − 14.2663

BM 44-10
5th Ave at Desire Ave
see F.B. 1366-112

Backsight stadia = 2.357
Foresight Stadia = 2.393
Total Stadia = 4.750
= 0.30 mi.

F.B. 8892 P.G. 90

76P828-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. 26280
Notes by F. E. Brooks Time 10:55 - 11:20 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-10 To BM 44-9A
Date 21 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.481		.120			4.680		.121		BM 44-10
	6.361		.120			4.559		.120		5th Ave at Desire ave.
	6.241		.240			4.439		.241		See F.B. 1366-112
	19.083	6.3610		.240	70°	13.678	4.5593		.241	
2	6.054		.152			4.523		.151		⊼ Valdez
	5.902		.153			4.372		.148		
	5.749		.305			4.224		.299		
	17.705	5.9017		.545		13.119	4.3730		.540	
3	6.151		.150			4.481		.150		
	6.001		.150			4.331		.151		
	5.851		.300			4.186		.301		
	18.003	6.0010		.845		12.992	4.3307		.841	
4	6.279		.159			4.418		.153		
	6.120		.158			4.265		.154		
	5.962		.317			4.111		.307		
	18.361	6.1203		1.162		12.794	4.2647		1.148	
5	6.513		.163			4.182		.164		
	6.350		.161			4.018		.168		
	6.189		.324			3.850		.332		
	19.052	6.3507		1.486		12.050	4.0167		1.480	
	92.704	30.7347				64.633	21.5444			

F.B. 1892 P.G. 71

LOS ANGELES COUNTY ENGINEER
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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 10:55 - 11:20 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-10 to BM 44-9A
Date 21 Mar 1963
Indexed E. J. GALLY

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
	02.204					64.677			
6	5.935	3.9737	.151	1.480		4.505	4.5440	.148	1.480
	5.781		.152			4.357		.149	
	2.629		.326			4.209		.331	
	10.345	5.7917		1.792		13.071	4.3569		1.477
7	6.943		.142			4.261		.157	
	6.181		.162			4.104		.155	
	2.019		.324			2.749		.312	
	15.143	6.1810	"	2.116		12.314	4.1047		2.089
6	6.101		.128			4.546		.146	
	5.973		.130			4.395		.147	
	2.842		.258			4.248		.193	
	17.917	5.9723		2.374	70°	13.189	4.3963		2.382
	146.009	48.6697				107.241	34.4005		

DESCRIPTION AND REMARKS

Summation of Rd
From B.M. 44-10
To B.M. 44-9A

Total Backsights = 48.6697
Total Foresights = 34.4005
Diff. Elev. = 14.2692

BM 44-9A
5" Hre at conc. Headwall
22 mi. E 28
See FB 1366 - 111

Backsight stadia = 2.374
Foresight Stadia = 2.382
Total Stadia = 4.756
= .30 mi.

FB 1892 P.G. 111

76FB26-CE 375—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy - Windy Inst. No. 26286
Notes by E. E. Brooks Time 1:30 - 2:05 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-10 To BM 44-11A
Date 20 June 1963
Indexed C. J. Gates

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.208		.156			5.495		.155		BM 44-10
	5.052		.159			5.340		.151		5th Ave at Desire Ave
	4.893		.315			5.189		.306		see F.B. 866-112
	15.153	5.0510		.315	80°	16.024	5.3413		.306	
2	4.681		.161			5.582		.163		"X" Kopp
	4.520		.161			5.419		.165		
	4.359		.322			5.254		.328		
	13.560	4.5200		.637		16.255	5.4183		.634	
3	4.420		.163			5.549		.168		
	4.307		.167			5.381		.165		
	4.140		.330			5.216		.333		
	12.917	4.3057		.967		16.146	5.3820		.967	
4	4.411		.157			5.646		.157		
	4.254		.160			5.489		.159		
	4.094		.317			5.330		.316		
	12.759	4.2530		1.284		16.465	5.4883		1.283	
5	4.718		.159			5.475		.156		
	4.609		.159			5.319		.158		
	4.450		.318			5.161		.314		
	13.827	4.6090		1.602		15.955	5.3183		1.597	
	68.216	22.7387				80.845	26.9482			

F.B. 2892 P.G. 23

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Hazy-Wind Inst. No. 26280
Notes by F. E. Brooks Time 1:30 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0381.02
From BM44-10 To BM44-11A
Date 20 June 1963
Indexed E. J. GAtt

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	69.276					80.845				
6	4.782	22.7387	.153	1.602		5.605	26.9482	.153	1.597	
	4.629		.157			5.452		.153		
	4.472		.310			5.299		.306		
	13.883	4.6277		1.912		16.356	5.4520		1.903	
7	5.061		.160			5.991		.150		
	4.901		.158			5.841		.149		
	4.743		.318			5.692		.299		
	14.705	4.9017		2.230		17.524	5.8413		2.202	
8	4.712		.170			5.460		.160		
	4.542		.169			5.300		.160		
	4.373		.339			5.140		.320		
	13.627	4.5423		2.569		15.900	5.3000		2.522	
9	5.449		.145			5.239		.142		
	5.304		.143			5.097		.144		
	5.161		.288			4.953		.286		
	15.914	5.3047		2.857		15.289	5.0963		2.805	
10	5.989		.151			5.205		.169		
	5.838		.148			5.036		.168		
	5.690		.299			4.868		.337		
	17.517	5.8390		3.156		15.109	5.0363		3.145	
	143.862	47.9541				161.023	53.6741			

FB 2892 P.G. 74

76F526-CE 879 10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy - Windy Inst. No. LL 280
Notes by F. E. Brooks Time 1:30 - 2:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0201.02
From BM 44-10 To BM 44-11A
Date 20 June 1967
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	143.862					161.023				
	6.225	47.9541	.153	3.156		5.060	53.6941	.150	3.145	BM 44-11A
	6.072		.152			4.910		.150		5th Ave at Batson Ave
11	5.920		.305			4.760		.300		See F.B. 1366-120
	18.217	6.0723		3.461	80°	14.730	4.9100		3.445	
	162.079	54.0264				175.753	58.5841			

Summation of Run
From B.M. 44-10
To B.M. 44-11A

Total Backsights = + 54.0264
Total Foresights = − 58.5841
Diff. Elev. = − 4.5577

Backsight stadia = 3.461
Foresight Stadia = 3.445
Total Stadia = 6.906
= 44 ozs.

F.B. 2892 P.G. 75

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. 46280
Notes by K. M. Kapp Time 10:15-10:55 Rod No. 19-20

Name L.A. Co. Procise Level Net
Job No. 5301.02
From BM 44-11A To BM 44-10
Date 6-21-67
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.608		149		19	5.772		151		BM 44-11A
	4.459		151			5.621		153		5th Ave at Bathgate Ave
	4.308		300			5.466		304		See FB 1316-126
	13.375	4.4583		300	68°	16.861	5.6203		304	
2	4.790		158			5.601		160		E Alvarez
	4.632		154			5.441		160		
	4.478		312			5.281		320		
	13.900	4.6333		612		16.323	5.4410		624	
3	4.861		143			5.070		142		
	4.718		144			4.926		143		
	4.574		287			4.785		285		
	14.153	4.7177		899		14.783	4.9277		909	
4	5.015		160			4.265		167		
	4.855		156			4.098		168		
	4.699		316			3.930		335		
	14.569	4.8563		1215		12.293	4.0977		1244	
5	5.472		148			4.542		160		
	5.324		149			4.382		158		
	5.175		297			4.224		318		
	15.971	5.3237		1512		13.148	4.3827		1562	
	71.968	23.9893				73.408	24.4693			

FB 2892 P.G. 72

76P526-CE 379 - 10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party. E. E. Brooks Weather Overcast Inst. No. 26286
Notes by K. M. Kapp Time 10:15 - 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.62
From 23 M 44-11A To 3N 49-10
Date 6-21-63
Indexed P. I. GAHI

Number of Station	BACKSIGHT Thread Readings 71.968	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 73.408	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.202	23.4893	162	1.312		4.358	24.4694	146	1.562	
	5.040		162			4.217		144		
	4.878		324			4.068		290		
	15.120	5.0400		1.836		12.638	4.2127		1.852	
7	5.252		154			4.547		159		
	5.098		157			4.388		158		
	4.941		311			4.230		317		
	15.271	5.0970		2.147		13.165	4.3883		2.169	
8	5.382		158			4.144		156		
	5.224		155			3.988		158		
	5.069		313			3.830		314		
	15.675	5.2250		2.460		11.962	3.9873		2.483	
9	5.205		166			4.128		166		
	5.039		169			3.962		163		
	4.870		335			3.799		329		
	15.114	5.0380		2.795		11.889	3.9630		2.812	
10	5.165		163			4.262		161		
	5.002		162			4.101		163		
	4.840		325			3.938		324		
	15.007	5.0023		3.120		12.301	4.1003		3.136	
	148.175	49.3416				135.367	45.1210			

F.B. 2892 P.G. 77

PLEASE RETURN TO
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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 26280
Notes by K. M. Kerr Time 10:15 - 10:55 Rod No. 19-26

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-11A To BM 44-10
Date 6-21-63
Indexed C. J. GAITT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	148.175					135.363				
	5.205	49.3916	155	3.120		4.916	45.1210	156	3.136	BM 44-10
	5.050		152			4.760		155		5th Ave at Desire Ave
11	4.898		307			4.605		311		See F.B. 1516-112
	15.153	5.0510		3.427	70	14.281	4.7603		3.447	
	163.328	54.4426				149.644	49.8813			

Summation of Run
From B.M. 44-11A
To B.M. 44-10

Total Backsights = + 54.4426
Total Foresights = − 49.8813
Diff. Elev. = + 4.5613

Backsight stadia = 3.427
Foresight Stadia = 3.447
Total Stadia = 6.874
= 0.43 mi.

FB 28 42 FG 78

76P529-CE 370—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 26 280
Notes by Bustrum Time 2:10 - 2:35 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-11A To BM 44-12
Date June 20-63
Indexed. E. J. GAUL

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6132		150		#19	3435		154		BM 44-11A
	5982		150			3281		151		5th Ave at Batson Ave
	5832					3130				see F.B. 1366-120
	17.946	5.9820	.300		80°	9.846	3.2820	.305		
2	7921		153			2270		150		
	7768		157			2120		150		
	7611					1970				
	23300	7.7666	310	.610		6.360	2.1200	300	.605	π Kapp
3	9117		155			1656		163		
	8962		152			1493		162		
	8810					1331				
	26889	8.9630	307	.917		4480	1.4933	335	.940	
4	8919		159			1477		155		
	8760		159			1322		152		
	8601					1170				
	26280	8.7600	318	1.235		3969	1.3230	307	1.247	
5	8591		156			3736		156		
	8435		155			3580		155		
	8280					3425				
	25306	8.4353	.301	1.536		10741	3.5803	.301	1.548	
	119.741	39.9019				35.396	11.7986			

F.B. 1892 P.G. 79

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ANY ADDITIONS OR CHANGES IN THIS SHEET MUST BE MADE 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 Bustrum
Weather HAZY Inst. No. 26280
Time 2:10 - 2:35 Rod No. 17-20

Name C.A. Co. Precise Level Net
Job No. 0302.01
From BM 44-11A To BM 44-12
Date June 20-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 119.924	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 35.796	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6920	39.9069	165	1536	#19	5003	11.7986	165	1548	Summation of Run
	6755		166			4839		164		From B.M. 44-11A
	6589					4675				To B.M. 44-12
	20264	6.7547	331	1867		14517	4.8390	329	1.877	
7	5120		150			6641		151		Total Backsights = + 57.6579
	4970		150			6490		150		Total Foresights = - 37.8453
	4820					6340				Diff. Elev. = + 19.8126
	14910	4.9700	300	2167		19471	6.4903	301	2178	
8	3529		131			7518		130		Backsight stadia = 2.628
	3398		130			7388		131		Foresight Stadia = 2.640
	3268					7257				Total Stadia = 5.268
	10195	3.3983	261	2428		22163	7.3877	261	2439	= .33 mi.
9	2728		100			7430		100		BM 44-12
	2628		100			7330		101		5th Ave at Amherst Puente
	2528					7229				Rd and Fullerton Rd.
	7884	2.6280	200	2.628	84°	21989	7.3297	201	2.640	See F.B. 366-114
	172.974	57.6579				113.536	37.8453			

F.B. 2892 S.G. 80

76F536-05 379—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 Clear Cool Inst. No. 2-6, 2.80
Notes by F. E. Brooks Time 9:45 – 10:10 Rod No. 19 – 20

Name U.A. Co. Precise Level No.
Job No. 0302.01
From BM 44-12 To BM 44-11A
Date 21 June 1963
Indexed C. J. Gatt

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.007 5.781 6.180 26.344	6.7813	.102 .101 .207	.207	68°	8.187 7.981 7.980 6.244	2.0813	.102 .101 .207	.207	B.M 44-12 5TH Ave at Anaheim Route and Fullerton Rds. See F.B. 1366-114
2	6.878 6.748 6.615 20.241	6.7470	.130 .133 .263	.466		2.895 2.755 2.625 8.275	2.7550	.130 .130 .260	.463	T Bust Iron
3	6.625 5.875 7.125 19.625	5.8756	.150 .150 .300	.766		4.711 4.561 4.210 13.082	4.3607	.150 .151 .301	.954	
4	4.404 4.240 4.072 12.716	4.2387	.164 .166 .332	1.098		6.320 6.153 5.980 18.411	6.1637	.167 .165 .332	1.096	F. Brooks P.G. 61
5	3.074 2.920 2.767 8.761	2.9203	.154 .156 .313	1.411		7.931 7.777 7.621 23.329	7.7763	.154 .156 .310	1.406	
	79.687	26.5429				69.381	23.1270			

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. 26280
Notes by F. E. Brooks Time 9:45 - 10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0302.01
From BM 44-12 To BM 44-11A
Date 21 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 49.687	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 69.381	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	0.969	26.5723	.155	1.411		8.405	23.1270	.156	1.406	Summation of Run
	0.814		.153			8.249		.158		From BM 44-12
	0.661		.308			8.091		.314		to BM 44-11A
	2.444	0.8147		1.719		24.745	8.2483		1.720	
7	1.022		.154			8.557		.165		Total Backsights = 32.7940
	0.925		.155			8.392		.162		Total Foresights = 52.6060
	0.770		.309			8.230		.327		Diff. Elev. = -19.8120
	2.774	0.9247		2.028		25.179	8.3930		2.047	
8	1.737		.153			7.385		.157		Backsight Stadia = 2.637
	1.584		.150			7.228		.158		Foresight Stadia = 2.662
	1.434		.303			7.070		.315		Total Stadia = 5.299
	4.755	1.5850		2.331		21.683	7.2277		2.362	= .33 mi.
9	3.060		.152			5.760		.150		BM 44-11A
	2.908		.154			5.610		.150		5th Ave at Batson Ave
	2.754		.306			5.460		.300		See FB 1366-120
	8.722	2.9073		2.637	68°	16.830	5.6100		2.662	
	48.382	32.7940				167.818	52.6060			

F.B. 2892 P.G. 82

78PB26-CE 379 · 10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy-Windy Inst. No. 26280
Notes by F. E. Brooks Time 2:35-3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. [illegible]
From BM 44-12 To BM 44-13
Date 20 June 1963
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.797		.148			9.857		.154		BM 44-12
	1.649		.145			9.699		.156		5th Ave at Anaheim Puente
	1.504		.293			9.543		.310		and Fullerton Rds
	4.950	1.6500		.293	84°	29.095	9.6983		.310	See F.B. 866-114
2	0.908		.141			9.811		.144		
	0.767		.141			9.667		.146		T. Valdez
	0.626		.282			9.521		.290		
	2.301	0.7670		.575		28.999	9.6663		.600	
3	1.160		.141			7.929		.140		
	1.019		.142			7.789		.140		
	0.877		.283			7.649		.280		
	3.056	1.0187		.858		23.367	7.7890		.880	
4	2.341		.162			6.404		.145		
	2.179		.165			6.259		.147		
	2.014		.327			6.112		.292		
	6.534	2.1780		1.185		18.775	6.2583		1.172	
5	4.599		.146			5.757		.146		
	4.453		.144			5.611		.143		
	4.309		.290			5.468		.289		
	13.361	4.4537		1.475		16.836	5.6120		1.461	
	30.202	10.0674				119.772	39.0235			

F.B. 2842 P.G. 83

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy-Windy Inst. No. 26280

Notes by F. Brooks Time 2:35 - 3:20 Rod No. 19-20

L.A. Co. Precise Level Net

Name

Job No. 0301.02

From BM 44-12 To BM 44-12

Date 20 June 1963

Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings 36.202	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 117.012	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.983	10.0674	.052	1.475		5.467	39.0239	.060	1.461	
	4.931		.051			5.343		.060		
	4.880		.103			5.283		.120		
	14.794	4.9313		1.578		16.029	5.3430		1.581	
7	4.809		.150			5.502		.149		
	4.659		.150			5.357		.150		
	4.509		.300			5.203		.299		
	13.977	4.6590		1.878		16.058	5.3529		1.880	
8	5.078		.150			5.420		.149		
	4.928		.150			5.771		.150		
	4.776		.300			5.121		.299		
	14.784	4.9280		2.178		15.812	5.2707		2.179	
9	5.147		.149			5.756		.150		
	4.998		.151			5.600		.150		
	4.847		.300			5.450		.300		
	14.992	4.9973		2.478		16.800	5.6000		2.479	
10	5.215		.150			5.498		.150		
	5.065		.153			5.348		.148		
	4.912		.303			5.200		.298		
	15.192	5.0640		2.781		16.046	5.3487		2.779	
	103.941	34.6470				197.617	65.9390			

F.B. 2892 P.G. 84

76P526-CE 279—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy - Windy Inst. No. 21280
Notes by F. E. Brooks Time 2:35 - 3:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0701.02
From BM 44-12 To BM 44-B
Date 20 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 103.941	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 197.817	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.505	34.6470	.149	2.781		5.322	65.9390	.148	2.777	
	5.356		.153			5.174		.150		
	5.203		.302			5.024		.298		
	16.064	5.3547		3.083		15.520	5.1733		3.075	
12	5.008		.150			5.354		.148		
	4.858		.150			5.205		.149		
	4.708		.300			5.056		.298		
	14.574	4.8580		3.383		15.615	5.2050		3.373	
13	5.251		.150			4.995		.150		
	5.101		.152			4.845		.149		
	4.949		.302			4.696		.299		
	15.301	5.1003		3.685		14.536	4.8453		3.672	
14	5.284		.150			5.260		.149		
	5.134		.152			5.111		.150		
	4.982		.302			4.961		.299		
	15.400	5.1333		3.987		15.332	5.1107		3.971	
15	5.601		.149			4.882		.150		
	5.452		.151			4.732		.149		
	5.301		.300			4.583		.299		
	16.354	5.4513		4.287		14.197	4.7323		4.270	
	181.634	60.5446				273.017	91.0056			

F.B. 2892 P.G. 85

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Chief of Party F. E. Brooks Weather Hazy - Windy Inst. No. 42280
Notes by F. E. Brooks Time 1:30 - 3:25 Rod No. 19-20

Name 1.A. Co. Precise Level Net
Job No. 0301 02
From BM 44-12 To BM 44-13
Date 26 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	60.624					59.017			
	6.310	6.0448	.151	4.287		5.038	4.8856	.150	4.376
	5.209		.149			4.886		.149	
16	5.060		.300			4.739		.199	
	15.119	5.2097		4.587		14.663	4.8883		4.569
	5.428		.154			4.929		.148	
	5.278		.150			4.781		.150	
17	5.126		.300			4.631		.198	
	15.834	5.2780		4.604		14.341	4.7803		4.869
	5.603		.142			5.302		.154	
	5.461		.140			5.148		.155	
18	5.317		.286			4.994		.309	
	16.381	5.4603		5.177		15.444	5.1481		5.176
	4.875		.153			4.702		.152	
	4.682		.151			4.552		.150	
19	4.571		.304			4.402		.300	
	14.048	4.6827		5.477		13.656	4.5520		5.476
	3.998		.079			5.058		.076	
	3.919		.078			4.982		.073	
20	3.841		.157			4.909		.149	
	11.758	3.9193		5.634	82°	14.949	4.9830		5.625
	255.284	65.0946				346.274	115.3579		

F.B. 1966 P.G. 84

Summation of Run
From B.M. 44-12
To B.M. 44-13

Total Backsights = + 65.0946
Total Foresights = - 115.3579
Diff. Elev. = - 30.2633

Backsight stadia = 5.634
Foresight Stadia = 5.625
Total Stadia = 11.259
= 1.71 mi.

DESCRIPTION AND REMARKS

BM 44-13
Aluminum Plug 2.1 ± 0.11 W. of
5th Ave and Folsom Ct.
See F.B. 1966 - 115

78P826-CE 375 10-57

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 26260
Notes by K. C. Karp Time 9:00 - 9:40 Rod No. 19-20

LA. Co. Precise Level Net
Name
Job No. 0301.62
From BM 44-13 To BM 44-12
Date 6-21-63
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.579		069		19	4.527		088		BM 44-13
	5.509		066			4.449		086		Anaheim Puente Rd. 0.1 mi.
	5.443		130			4.358		174		W. of Fullerton Rd and 5th Ave
	16.525	5.5083		130	66°	13.334	4.4447		174	See F.B. 1366-115
2	4.868		159			4.980		141		T Valdez
	4.709		160			4.839		171		
	4.549		319			4.698		282		
	14.126	4.7087		479		14.517	4.8390		456	
3	5.171		149			5.482		150		
	5.022		149			5.332		149		
	4.873		298			5.183		299		
	15.066	5.0226		747		15.997	5.3323		755	
4	4.728		150			5.221		151		
	4.578		150			5.070		149		
	4.428		300			4.921		300		
	13.734	4.5780		1047		15.212	5.0707		1055	
5	4.920		150			5.241		150		
	4.770		150			5.091		149		
	4.620		300			4.942		299		
	14.310	4.7700		1347		15.274	5.0913		1354	
	73.761	24.5870				74.334	24.7780			

F.B. 1366-115 P.G. 47

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by K.M. Kapp Time 9:00 - 9:40 Rod No. 13-20

Name E.A. Co. Precise Level Net
Job No. 0307.02
From BM44-12 To BM44-12
Date 6-21-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 73.761	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 74.334	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.507	24.5870	149	1.347		5.225	24.7780	150	1.354	
	4.358		150			5.075		150		
	4.208		299			4.925		300		
	13.073	4.3577		1.646		15.225	5.0750		1.654	
7	5.010		150			5.036		153		
	4.860		150			4.883		150		
	4.710		300			4.733		303		
	14.580	4.8600		1.946		14.652	4.8840		1.957	
8	4.969		149			5.228		154		
	4.820		151			5.074		150		
	4.669		300			4.924		304		
	14.458	4.8193		2.246		15.226	5.0753		2.261	
9	5.268		149			4.920		150		
	5.119		149			4.770		150		
	4.970		298			4.620		300		
	15.357	5.1190		2.544		14.310	4.7700		2.561	
10	5.290		149			5.473		150		
	5.141		150			5.323		148		
	4.991		299			5.175		298		
	15.422	5.1407		2.843		15.971	5.3237		2.859	
	146.651	48.8837				149.718	49.9060			

F.B. 2892 PG. 88

75PB25-CE 879—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 26280
Notes by K. M. Kapp Time 9:00 - 9:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM44-13 To BM44-12
Date 6-21-67
Indexed C. J. Gatt

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	146.651					149.718				
11	5.340	48.8837	151	2.843		5.069	49.9060	152	2.859	
	5.189		150			4.917		148		
	5.039		301			4.769		300		
	15.568	5.1893		3.144		14.755	4.9183		3.159	
12	5.489		150			4.883		148		
	5.339		150			4.735		152		
	5.189		300			4.583		300		
	16.017	5.3390		3.444		14.201	4.7337		3.459	
13	5.349		149			5.005		148		
	5.200		150			4.857		149		
	5.050		299			4.708		297		
	15.599	5.1997		3.743		14.570	4.8567		3.756	
14	5.547		149			4.850		150		
	5.398		152			4.700		150		
	5.246		301			4.550		300		
	16.191	5.3970		4.044		14.100	4.7000		4.056	
15	5.371		061			4.950		051		
	5.310		061			4.899		050		
	5.299		122			4.849		101		
	15.930	5.3100		4.166		14.698	4.8993		4.157	
	225.956	75.3187				222.042	74.0140			

F.B. 2892 P.G. 89

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by K.M. Kapp Time 9:00 - 9:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 44-13 To BM 44-12
Date 6-21-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 225.956	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 222.042	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5.745	75.3187	144	4.166		4.588	74.0140	146	4.157	
	5.601		142			4.442		143		
	5.459		286			4.279		289		Summation of Run
	16.805	5.6017		4.452		13.329	4.4430		4.446	From B.M. 44-13
										To B.M. 44-12
17	6.599		155			2.518		157		
	6.444		154			2.361		153		Total Backsights = + 114.2393
	6.290		309			2.208		310		Total Foresights = − 83.9726
	19.333	6.4443		4.761		7.087	2.3623		4.756	Diff. Elev. = + 30.2667
18	7.862		141			1.093		142		
	7.721		140			0.951		142		
	7.581		281			0.809		284		Backsight stadia = 5.640
	23.164	7.7213		5.042		2.853	0.9510		5.040	Foresight Stadia = 5.612
19	9.704		144			0.801		141		Total Stadia = 11.252
	9.560		144			0.660		141		= .71 mi
	9.416		288			0.519		282		
	28.680	9.5600		5.330		1.980	0.6600		5.322	
20	9.749		157			1.688		142		BM 44-12.
	9.592		153			1.541		143		5th Ave at Anaheim Road
	9.439		310			1.398		290		and Fullerton Rds
	28.780	9.5933		5.640	68°	4.628	1.5423		5.612	See F.B. 1360-114
	342.718	114.2393				251.918	83.9726			

F.B. 2892 P.G. 90

7GPS26-65 376—10-67

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by E. M. Karp Time 11:35-1:30 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0-391.02
From BM 44-13 To BM 44-14
Date 6-21-63
Indexed E. J. Gatt

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.273		163		19	4.653		177		BM 44-13
	6.110		160			4.476		178		Anaheim Puente Rd. 0.1 mi W.
	5.950		323			4.298		355		of Fullerton Rd and 5th Ave
	18.333	6.1110		323	70°	14.027	4.6757		355	See F.B. 1316 - 115
	5.185		146			4.508		158		
	5.039		150			4.358		150		J Valdez
	4.889		292			4.208		300		
	15.113	5.0377		619		13.074	4.3580		658	
	5.480		159			4.203		141		
3	5.321		158			4.062		141		
	5.163		317			3.921		282		
	15.964	5.3213		936		12.186	4.0620		737	
	5.450		149			4.331		150		
4	5.301		150			4.181		151		
	5.151		299			4.030		301		
	15.902	5.3007		1235		12.542	4.1807		1238	F.B. 1849 Z P.G. 91
	5.272		150			3.968		149		
5	5.129		148			3.819		151		
	4.981		298			3.668		300		
	15.382	5.1277		1533		11.455	3.8183		1538	
	80.701	26.9004				63.284	21.0947			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party L.E. Brooks Weather Overcast Inst. No. 24280
Notes by K.M. Kapp Time 11:35-1:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. #301'07
From BM #4-13 To BM #4-14
Date 6-21-63
Indexed R.J. GALLI

Number of Station	BACKSIGHT Thread Readings 20.701	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings 13.284	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.030	26.9009	150	1.533	–	3.560	21.0947	150	1.538	
	4.880		150			3.410		150		
6	4.730		300			3.260		300		
	14.640	4.8800		1.833		10.230	3.4100		1.838	1 hr. for 1 each
	5.364		150			3.589		150		
	5.214		150			3.739		150		
7	5.064		300			3.589		300		
	15.142	5.2140		2.133		11.217	3.7390		2.138	
	5.902		150			4.501		151		
	5.752		149			4.350		151		
8	5.603		299			4.199		302		
	17.257	5.7523		2.432		13.050	4.3500		2.440	
	5.650		148			4.933		178		
	5.502		148			4.285		152		
9	5.354		296			4.133		300		
	16.506	5.5020		2.728		12.351	4.2837		2.740	
	5.340		150			4.265		150		
	5.190		150			4.115		150		
10	5.040		300			3.965		300		
	15.570	5.1900		3.028		12.345	4.1150		3.040	
	160.316	53.4387				122.977	40.9924			

F.B. 2942 Pg. 42

76P526-CE 379—10-87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 26280
Notes by K. M. Kapp Time 11:35 - 1:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-13 To BM 44-14
Date 6-21-63
Indexed [illegible] J. GAU1

Number of Station	BACKSIGHT Thread Readings 168.316	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 122.977	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.529	53.4387	150	3.028		4.991	40.9924	150	3.040	
	4.379		150			4.841		150		
11	4.229		300			4.691		300		
	13.137	4.3790		3.328		14.523	4.8410		3.340	
	3.880		150			5.558		151		Summation of Run
	3.730		150			5.407		150		From B.M. 44-13
12	3.580		300			5.257		301		To B.M. 44-14
	11.190	3.7300		3.628		16.222	5.4073		3.641	
	3.401		160			5.029		166		BM 44-14
	3.241		160			4.863		165		Anaheim - Puente Rd.
13	3.081		320			4.698		331		1.30 mi. S. of Valley Blvd.
	9.723	3.2410		3.948	72°	14.590	4.8633		3.972	See F.B. 1366-116
										Total Backsights = + 64.7887
										Total Foresights = − 56.1040
										Diff. Elev. = + 8.6847
										Backsight stadia = 3.948
										Foresight Stadia = 3.972
										Total Stadia = 7.920
	194.366					168.312				= 0.50 mi.
		64.7887					56.1040			

F.B. 1892 P.G. 93

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Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by E. E. Brooks Time 2:10 – 2:40 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0501.02
From BM 44-14 To BM 44-13
Date 24 June 1943
Indexed E. J. GALU

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.043		.118			3.715		.160		BM 44 14
	4.177		.116			3.155		160		Anaheim – Puente Rd.
1	4.107		336			2.995		.320		1.30 mi. S. of Valley Blvd.
	12.325	4.1750		.336	69°	9.865	3.1550		.320	See F.B. 1366 – 116
	5.221		.150			5.543		.150		
	5.071		.150			5.393		.150		T Smith
2	4.921		.300			5.243		.300		
	15.213	5.0710		.636		16.179	5.3930		.620	
	4.812		.150			4.350		.149		
	4.662		.149			4.201		.151		
3	4.513		.299			4.050		.300		
	13.987	4.6623		.936		12.601	4.2003		.920	
	4.670		.150			4.142		.148		
	3.920		.150			3.995		.146		
4	3.770		.300			3.847		.196		
	11.960	3.9200		1.235		11.985	3.9950		1.210	
F.B. 1425 Pg. 94	4.098		.153			5.302		.149		
	3.945		.153			5.153		.145		
5	3.792		.306			5.018		.294		
	11.835	3.9450		1.541		15.473	5.1643		1.510	
	17.120	11.3733				62.123	20.9076			

75F826-DE 879 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by E. E. Brooks Time 2:10 - 2:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No 2301.02
From BM 44-14 To BM 44-13
Date 24 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 19.729	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 23.762	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	3.704 3.553 3.403 10.665	3.5550	.152 .152 .304	1.845		5.107 4.957 4.805 14.869	4.9563	.150 .152 .302	1.812	
7	3.403 3.253 3.103 9.759	3.2530	.150 .150 .300	2.145		4.883 4.732 4.583 14.198	4.7327	.151 .149 .300	2.112	
8	3.617 3.467 3.318 10.402	3.4673	.150 .149 .299	1.744		5.086 4.937 4.790 14.813	4.9377	.151 .149 .300	2.412	
9	3.830 3.680 3.530 11.040	3.6800	.150 .150 .300	2.744		5.142 4.991 4.842 14.975	4.9917	.151 .149 .300	2.712	F.B. 2902 P.G. 95
10	3.910 3.760 3.610 11.280	3.7600	.150 .150 .300	3.044		5.028 4.880 4.728 14.636	4.8787	.148 .152 .300	3.012	
	120.966	40.0886				136.314	45.4047			

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Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 2:10 - 2:40 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-14 To BM 44-13
Date 24 June 1913
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings 120.266	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 131.214	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	3.940	40.0886	.152	3.044		5.198	45.4047	.151	3.012	
	3.788		.148			5.047		.147		
	3.640		.300			4.900		.298		
	11.368	3.7893		3.344		15.145	5.0483		3.310	
12	4.261		.151			4.940		.150		Summation of Run
	4.110		.149			4.790		.150		From B.M. 44-14
	3.961		.300			4.640		.300		To B.M. 44-13
	12.332	4.1107		3.144		14.370	4.7900		3.610	
13	4.458		.150			5.928		.155		BM 44-13
	4.308		.150			5.743		.186		Anaheim - Puente Rd., 0.71
	4.158		.300			5.557		.371		mi. W. of Fullerton Rd. & 5th Ave.
	12.924	4.3080		3.944	.840	17.228	5.7427		3.961	See F.B. 1366-115
										Total Backsights = + 52.2966
										Total Foresights = − 60.9857
										Diff. Elev. = − 8.6891
										Backsight stadia = 3.944
										Foresight Stadia = 3.981
										Total Stadia = 7.925
										= .50 mi.
	156.890	52.2966				182.957	60.9857			

F.B. 2892 P.G. 96

78P526-CE 370 · 10-57

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 1:35 - 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. C301.02
From BM 44-14 To BM 44-15
Date 21 June 1963
Indexed E. J. Gaff

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.162		.143			7.442		.159		BM 44-14
	4.019		.147			7.283		.155		Anaheim Puente Rd. 1.30 mi
	3.872		.290			7.128		.314		S. of Valley Blvd.
	12.053	4.0177		.290	72°	21.853	7.2843		.314	See F.B. 266-116
2	3.237		.158			7.644		.158		
	3.081		.159			7.486		.162		π Valdez
	2.922		.315			7.324		.320		
	9.240	3.0800		.605		22.454	7.4847		.634	
3	3.474		.133			6.192		.126		
	3.341		.134			6.061		.133		
	3.207		.269			5.928		.264		
	10.022	3.3407		.872		18.181	6.0603		.898	
4	3.342		.140			5.612		.155		
	3.202		.140			5.457		.159		
	3.062		.280			5.298		.314		
	9.606	3.2020		1.152		16.367	5.4557		1.212	
5	4.619		.162			5.443		.129		
	4.457		.163			5.314		.132		
	4.294		.325			5.182		.261		
	13.370	4.4567		1.477		15.939	5.3130		1.473	
	54.291	18.0971				94.794	31.5980			

F.B. 2892 P.G. 97

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280

Notes by F. E. Brooks Time 1:35 - 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net

Job No. 0701.02

From BM 44-14 To BM 44-15

Date 21 June 1963

Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	54.291					94.794				
6	1.877	18.0971	.148	1.477		7.477	31.5980	.154	1.473	
	1.729		.150			7.323		.150		
	1.579		.298			7.173		.304		
	5.185	1.7283		1.475		21.973	7.3243		1.777	
7	2.131		.150			7.168		.149		
	1.981		.150			7.019		.150		
	1.831		.300			6.869		.299		
	5.943	1.9810		2.075		21.056	7.0187		2.076	
8	2.612		.151			4.984		.148		
	2.461		.152			4.836		.148		
	2.309		.307			4.688		.296		
	7.382	2.4607		2.3~~80~~78		4.508	4.8360		2.372	
9	4.390		.179			7.563		.184		
	4.211		.181			7.379		.188		
	4.030		.360			7.191		.372		
	12.631	4.2103		2.7~~40~~38		22.133	7.3777		2.744	
10	2.052		.152			6.836		.147		
	1.900		.156			6.689		.144		
	1.744		.308			6.545		.291		
	5.696	1.8987		3.04~~8~~6		20.070	6.6900		3.035	
	91.128	30.3761				194.534	64.8441			

F.B. 2892 P.G. 98

76FG20-CE 376—10-57

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Chief of Party F. E. Brooks Weather Overcast Inst. No. 21280
Notes by F. E. Brooks Time 1135 - 2145 Rod No. 19-20

Name L.A. Co. Precise Level NM
Job No. 0301.02
From BM 44-14 To BM 44-15
Date 21 June 1967
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings 91.128	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 194.574	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	2.951	30.3761	.146	3.048		6.310	64.8447	.149	3.035	
	2.805		.145			6.161		.151		
	2.660		.291			6.010		.300		
	8.416	2.8053		3.337		18.481	6.1603		3.335	
12	3.843		.156			7.126		.154		
	3.687		.157			6.972		.151		
	3.530		.317			6.821		.305		
	11.060	3.6867		3.652		20.919	6.9730		3.640	
13	2.726		.153			6.584		.146		
	2.573		.151			6.438		.147		
	2.422		.304			6.291		.293		
	7.721	2.5737		3.956		19.313	6.4377		3.933	
14	3.064		.145			6.845		.156		
	2.919		.148			6.689		.158		
	2.771		.293			6.531		.314		
	8.754	2.9180		4.247		20.065	6.6883		4.247	
15	2.641		.148			7.779		.154		
	2.493		.147			7.625		.154		
	2.346		.295			7.471		.308		
	7.480	2.4933		4.542		22.875	7.6250		4.555	
	134.559	44.8531				296.187	98.7290			

F.B. 2892 P.G. 99

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Chief of Party S. E. Brooks Weather Overcast Inst. No. 26280
Notes by S. E. Brooks Time 1:35 – 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-14 To BM 44-15
Date 21 June 1967
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 134.557	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 296.184	Mean	Thread Intervals	Sum of Intervals
16	3.095	44.8531	.154	4.549		7.372	98.7290	.153	4.555
	2.941		.152			7.219		.157	
	2.789		.306			7.062		.310	
	8.825	2.9417		4.850 48		21.653	7.2177		4.865
17	3.179		.155			6.548		.149	
	3.024		.154			6.399		.150	
	2.870		.309			6.249		.299	
	9.073	3.0243		5.157		19.196	6.3987		5.164
18	3.284		.155			7.108		.149	
	3.129		.157			6.959		.150	
	2.972		.312			6.809		.299	
	9.385	3.1283		5.477 69		20.876	6.9587		5.463
19	2.941		.150			6.201		.141	
	2.791		.149			6.060		.142	
	2.642		.299			5.918		.283	
	8.374	2.7913		5.770 68		18.179	6.0597		5.746
20	2.478		.077			5.054		.079	
	2.401		.076			4.975		.078	
	2.325		.153			4.897		.157	
	7.204	2.4013		5.925	740	14.926	4.9753		5.923
	177.420	59.1400				391.017	130.3391		

F.B. 2892 P.G. 100

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 44-14
To B.M. 44-15

Total Backsights = 59.1400
Total Foresights = – 130.3391
Diff. Elev. = – 71.199'

Backsight stadia = 5.923
Foresight Stadia = 5.903
Total Stadia = 11.826
= .75 mi.

BM 44-15
Anaheim Brook Rd at
Depot St.
See F.B. 1366 – 117

79P520-CE 376—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kepp Time 11:45 - 2:00 Rod No. 14-20

Name E.A. Co. Precise Level Net
Job No. 0701.02
From BM 44-15 To BM 44-14
Date 6-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.695		.075		19	4.123		.075		BM 44-15
	6.620		.073			4.048		.077		Anaheim Puente Rd at
	6.547		.148			3.971		.152		Depot St.
	19.862	6.6207		.148	78°	12.142	4.0473		.152	See F.B. 1366-117
2	6.090		.143			2.827		.148		
	5.947		.145			2.679		.148		⊼ Bustrum
	5.802		.288			2.531		.296		
	17.839	5.9463		.436		8.037	2.6790		.448	
3	6.913		.147			3.091		.154		
	6.766		.148			2.937		.156		
	6.618		.295			2.781		.310		
	20.297	6.7657		.731		8.809	2.9363		.758	
4	6.488		.147			3.124		.155		
	6.341		.149			2.969		.152		
	6.192		.296			2.817		.307		
	19.021	6.3403		.1027		8.910	2.9700		.1065	1 hr for lunch
5	7.348		.156			3.065		.148		
	7.192		.153			2.917		.152		
	7.039		.309			2.765		.300		
	21.579	7.1930		.1336		8.747	2.9157		.1365	
	98.598	32.8660				46.695	15.5483			

F.B. 2892 P.G. 101

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Chief of Party F. E. Brooks Weather Clear Inst. No. 21,280
Notes by K. M. Kapp Time 11:45 - 2:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 44-15 To BM 44-14
Date 6-24-63
Indexed [redacted] J. GALLI

Number of Station	BACKSIGHT Thread Readings 78.598	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 46.645	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	7.762	32.8660	153	1.336		2.622	15.5483	148	1.365	
	7.609		159			2.474		145		
	7.455		307			2.327		293		
	22.826	7.6087		1.643		7.425	2.4750		1.658	
7	6.850		158			3.065		144		
	6.692		161			2.921		146		
	6.531		319			2.775		290		
	20.073	6.6910		1.962		8.761	2.9203		1.948	
8	6.685		145			2.825		151		
	6.540		148			2.674		150		
	6.392		293			2.524		301		
	19.617	6.5390		2.255		8.023	2.6743		2.249	
9	7.175		154			3.890		152		
	7.021		153			3.738		156		
	6.868		307			3.582		308		
	21.064	7.0213		2.562		11.210	3.7367		2.557	
10	6.507		149			3.147		145		
	6.358		153			3.004		146		
	6.205		302			2.858		291		
	19.070	6.3567		2.864		9.011	3.0037		2.848	
	201.278	67.0827				91.075	30.3583			

F.B. 8892 P.G. 102

VSP526-CE 375—10-57

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Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Keep Time 11:45-2:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0307.02
From BM44-15 To BM44-14
Date 6-24-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 201.248	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 91.075	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	7.330	67.0827	145	2.864		2.548	30.3583	155	2.848	
	7.185		144			2.393		151		
	7.041		289			2.242		306		
	21.556	7.1853		3.153		7.183	2.3943		3.154	
12	7.902		181			4.738		187		
	7.721		180			4.551		183		
	7.541		361			4.368		370		
	23.164	7.7213		3.514		13.657	4.5523		3.524	
13	5.759		150			3.381		150		
	5.609		149			3.231		150		
	5.460		299			3.081		300		
	16.828	5.6093		3.813		9.693	3.2310		3.824	
14	7.505		150			2.465		148		
	7.355		150			2.317		149		
	7.205		300			2.168		297		
	22.065	7.3550		4.113		6.950	2.3167		4.121	
15	7.720		150			2.124		151		
	7.570		148			1.973		150		
	7.422		298			1.823		301		
	22.712	7.5707		4.411		5.920	1.9733		4.422	
	307.573	102.5243				134.478	44.8259			

F.B. 2892 P.G. 107

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Chief of Party F. E. Brooks Weather Clear Inst. No. 26260
Notes by K. M. Kapp Time 11:45-2:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-15 To BM 44-14
Date 6-29-63
Indexed R. J. GAU

Number of Station	BACKSIGHT Thread Readings 307.573	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 139.428	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5.608	102.5243	197	4.411		4.245	4.48259	179	4.422	
	5.461		151			4.601		144		
	5.316		298			4.957		288		
	16.379	5.4597		4.709		13.803	4.6010		4.710	Summation of Rm From B.M. 44-15 To B.M. 44-14
17	5.835		157			3.547		142		
	5.678		157			3.425		140		
	5.521		314			3.265		282		
	17.034	5.6780		5.023		10.237	3.4257		4.992	Total Backsights = Σ 133.29754 Total Foresights = − 62.58791
18	6.221		132			3.502		134		Diff. Elev. = +71.20725
	6.089		132			3.368		136		
	5.957		264			3.232		270		
	18.267	6.0890		5.287		10.102	3.3673		5.262	Backsight Stadia = 5.976 Foresight Stadia = 5.865 Total Stadia = 11.8417 = 0.75 mi.
19	7.098		156			2.689		157		
	6.942		157			2.532		154		
	6.785		313			2.378		311		
	20.825	6.9417		5.600		7.599	2.5330		5.573	
20	7.261		158			3.981		146		BM 44-14 Aluminum Point 3/4" dia. 30m. S. of Valley Blvd. See F.B. 1326 - 11
	7.102		157			3.835		146		
	6.945		316			3.689		292		
	21.308	7.1027		5.916	64°	11.505	3.8350		5.865	
	401.386	133.7954				187.764	62.5879			

FB 2692 PG. 104

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. 26280
Notes by K. M. Kapp Time 2:50-3:35 8:55-9:15 Rod No. 19-20

Name ELA Co. Precise Level Net
Job No. 0301.02
From BM 44-15 To BM 11-106A
Date 6-21-63
Indexed C. J. Gall

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.178		166		19	6.034		159		BM 44-15 (Puente 2-12)
	4.012		165			5.875		157		Anaheim Puente Rd. at
	3.847		331			5.718		316		Depot St.
	12.037	4.0123		331	74°	17.627	5.8757		.316	See F.B. 1366-114
2	5.647		152			8.610		155		
	5.495		150			8.455		155		π Bustrum
	5.345		302			8.300		310		
	16.487	5.4957		.633		25.365	8.4550		.626	
3	3.345		158			6.988		160		
	3.187		159			6.828		163		
	3.028		317			6.665		323		
	9.560	3.1867		950		20.481	6.8270		.949	
4	4.148		147			5.468		149		
	4.001		149			5.319		149		
	3.852		296			5.170		298		
	12.001	4.0003		1246		15.957	5.3190		1247	
5	4.365		161			5.799		161		
	4.204		163			5.638		160		
	4.041		324			5.478		321		
	12.610	4.2033		1570		16.915	5.6383		1568	
	62.695	20.8983				96.345	32.1150			

F.B. 2842 P.G. 145

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by K. M. Kapp Time 2:50-3:35 8:55-9:15 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 4415 To BM 11-106 A
Date 6-21-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 62.695	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 96.345	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.772	20.8983	144	1.570		6.000	32.1150	152	1.568	
	4.628		173			5.848		151		
	4.485		287			5.697		303		
	13.885	4.6283		1.857		17.545	5.8483		1.871	
7	4.468		156			5.581		154		
	4.312		155			5.427		156		
	4.157		311			5.271		310		
	12.937	4.3123		2.168		16.279	5.4263		2.181	
8	4.663		145			5.871		146		
	4.518		147			5.725		147		
	4.371		292			5.578		293		
	13.552	4.5173		2.460		17.174	5.7247		2.474	
9	4.732		161			5.361		160		
	4.571		163			5.201		161		
	4.408		324			5.040		321		
	13.711	4.5703		2.784		15.602	5.2007		2.795	
10	4.130		147			5.020		157		
	3.983		149			4.863		155		
	3.834		296			4.708		312		
	11.947	3.9823		3.080		14.591	4.8637		3.107	
	128.727	42.9088				177.536	59.1787			

F.B. 2892 P.G. 106

76P526-CE 379 10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by K.M. Kapp Time 2:50 - 3:35 / 8:55 - 9:15 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 44-15 To BM 11-106A
Date 6-21-63
Indexed E. J. Gaul

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	128.727					177.536				
	4.628	42.9088	154	3.080		5.758	59.1787	157	3.107	
	4.474		153			5.601		158		
11	4.321		307			5.443		315		
	13.423	4.4743		3.387		16.802	5.6007		3.422	
	4.794		166			5.325		153		
	4.628		163			5.172		151		
12	4.465		329			5.021		304		
	13.887	4.6290		3.716		15.518	5.1727		3.726	
	5.341		146			5.160		157		
	5.201		146			5.003		153		
13	5.055		292			4.850		310		
	15.603	5.2010		4.008		15.013	5.0043		4.036	
	4.762		154			2.842		144		
	4.608		157			2.705		147		
14	4.451		311			2.558		291		
	13.821	4.6070		4.317		8.112	2.7040		4.327	
	6.742		179			3.205		186		
	6.563		180			3.012		189		
15	6.383		359			2.830		375		
	19.688	6.5627		4.678	74°	9.054	3.0180		4.702	3:35 Go Home
	205.149	68.3828				242.035	80.6784			

F.B. 2892 P.G. 107

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks — Weather Clear 70 - 9:35 — Inst. No. 226280
Notes by K. M. Kapp — Time 8:55 - 9:15 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0201.02
From BM 44-15 To BM 11-106A
Date 6-24-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 205.149	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 242.035	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	3.629	68.3828	.145	4.618		4.489	80.6784	.168	4.104	
	3.484		.193			4.321		.169		
	3.341		2.88			4.152		3.37		
	10.454	3.4847		4.966	76°	12.962	4.3207		5.089	
17	5.372		.164			3.989		.145		Summation of Run
	5.208		.163			3.844		.193		From B.M. 44-15
	5.045		3.27			3.701		2.80		To B.M. 11-106 A
	15.625	5.2083		5.293		11.534	3.8447		5.327	
18	3.827		.159			5.538		.151		Total Backsights = + 90.7205
	3.668		.157			5.387		.148		Total Foresights = − 103.8841
	3.511		3.16			5.239		2.99		Diff. Elev. − 13.1636
	11.006	3.6687		5.609		16.164	5.3880		5.426	
19	6.070		.150			5.118		.156		Backsight stadia = 6.168
	5.920		.152			3.962		.158		Foresight Stadia = 6.167
	5.768		3.02			3.804		3.14		Total Stadia = 12.335
	17.758	5.9193		5.911		11.884	3.9613		5.940	= 0.78 mi.
20	4.185		.128			5.805		.115		BM 11-106A
	4.057		.129			5.690		.112		Valley Blvd. & Rosemead Blvd.
	3.928		2.57			5.578		2.27		
	12.170	4.0567		6.168		17.073	5.6910		6.167	See F.B. 1376-94 6
	272.162	90.7205				311.652	103.8841			

FB. 2892 Pg. 106

76PS26-CE 879—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 10:45 - 11:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-106A To BM 44-15
Date 24 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.167		.118			4.539		.124		BM 11-106 A
	6.049		.120			4.415		.124		Valley Blvd. E' Pass 5'
1	5.929		.116			4.291		.248		Covina Rd.
	18.145	6.0483		.238	74°	13.245	4.4150		.248	See F.B. 1376-94 B
	4.350		.155			6.301		.157		
	4.195		.166			6.150		.150		π Valdez
2	4.039		.311			6.000		.301		
	12.584	4.1947		.549		18.451	6.1503		.549	
	5.659		.150			3.949		.160		
	5.509		.148			3.789		.160		
3	5.361		.298			3.629		.320		
	16.529	5.5097		.847		11.367	3.7890		.869	
	4.240		.160			5.593		.147		
	4.080		.160			5.446		.148		
4	3.920		.320			5.298		.295		
	12.240	4.0800		1.167		16.337	5.4457		1.164	
	4.751		.167			3.893		.144		
	4.584		.165			3.749		.148		
5	4.419		.332			3.601		.292		
	13.754	4.5847		1.499		11.243	3.7477		1.456	
	73.252	24.4174				70.643	23.5477			

F.B. 2892 P.G. 109

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by E. E. Brooks Time 10:45 – 11:40 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-106A To BM 44-15
Date 24 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 23.252	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 20.643	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3.779	24.4174	.170	1.499		7.349	23.5477	.197	1.456	
	3.609		.170			7.152		.195		
	3.439		.340			6.959		.392		
	10.827	3.6090		1.839		21.460	7.1533		1.848	
7	2.875		.139			4.799		.160		
	2.736		.141			4.639		.164		
	2.595		.280			4.475		.324		
	8.206	2.7353		2.119		13.913	4.6377		2.172	
8	5.441		.160			5.666		.140		
	5.281		.160			5.476		.138		
	5.121		.320			5.338		.278		
	15.843	5.2810		2.439		16.430	5.4767		2.456	
9	5.659		.163			5.101		.152		
	5.496		.165			4.949		.153		
	5.331		.328			4.796		.305		
	16.486	5.4953		2.467		14.846	4.9487		2.755	
10	6.112		.155			4.924		.153		
	5.957		.158			4.831		.153		
	5.799		.313			4.678		.306		
	17.868	5.9560		3.080		14.493	4.8310		3.061	
	142.482	47.4940				151.785	50.5957			

F.B. 2092 D.G. 110

76P526-CE 376—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 10:45 - 11:40 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-106A To BM 44-15
Date 24 June 1963
Indexed E. J. GAIN

Number of Station	BACKSIGHT Thread Readings 193.482	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 151.785	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	5.519	47.4940	.155	3.680		4.631	50.5951	.150	3.061	
	5.364		.155			4.481		.149		
	5.209		.310			4.332		.299		
	16.092	5.3640		3.390		13.444	4.4813		3.360	
12	5.713		.162			5.083		.161		
	5.551		.161			4.922		.161		
	5.390		.323			4.761		.322		
	16.654	5.5513		3.713		14.766	4.9220		3.682	
13	6.179		.150			4.968		.146		
	6.029		.148			4.822		.144		
	5.881		.298			4.678		.290		
	18.089	6.0297		4.011		14.468	4.8227		3.972	
14	5.748		.157			4.638		.158		
	5.591		.153			4.480		.157		
	5.438		.310			4.323		.315		
	16.777	5.5923		4.321		13.441	4.4803		4.287	
15	6.328		.151			5.103		.144		
	6.177		.151			4.959		.145		
	6.026		.302			4.814		.289		
	18.531	6.1770		4.623		14.876	4.9587		4.576	
	228.525	76.2083				222.780	74.2601			

F.B. 2892 P.G. 111

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. 26280
Notes by E. E. Brooks Time 10:45 - 11:40 Rod No. 19-20

Name L.A. Co. Precise Level-Net
Job No. 0301.02
From BM 11-106A To BM 44-15
Date 24 June 1963
Indexed E. J. HALL

Number of Station	BACKSIGHT Thread Readings 278.675	Mean	Thread Intervals	Sum of Intervals	P. S. Rod and Temp.	FORESIGHT Thread Readings 272.780	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5.988	76.2083	.166	4.123		4.559	74.2601	.166	4.576	
	5.828		.162			4.393		.163		
	5.666		.322			4.230		.329		
	17.482	5.8273		4.945		13.182	4.3940		4.905	
17	5.771		.137			4.426		.161		Summation of Run
	5.584		.135			4.265		.161		From B.M. 11-106A
	5.449		.272			4.104		.322		To B.M. 44-15
	16.754	5.5847		5.217		12.795	4.2650		5.227	
18	7.281		.163			3.638		.158		Total Backsights = + 110.2579
	7.118		.165			3.480		.160		Total Foresights = − 97.0884
	6.953		.325			3.320		.318		Diff. Elev. = +13.1635
	21.352	7.1173		5.545		10.438	3.4793		5.545	
19	8.869		.156			5.902		.157		Backsight stadia = 6.190
	8.713		.153			5.751		.151		Foresight Stadia = 6.187
	8.560		.309			5.600		.302		Total Stadia = 12.377 = .78 mi.
	26.142	8.7140		5.854		17.253	5.7510		5.847	
20	6.968		.167			5.109		.170		BM 44-15 (Puente 2-12)
	6.801		.169			4.939		.170		Anaheim Puente Rd. &
	6.632		.336			4.769		.340		Depot St.
	20.401	6.8003		6.190	78°	14.817	4.9390		6.187	See F.B. 1366-117
	330.756	110.2579				341.265	97.0884			

F.B. 2892 S.G. 112

76PS38-CE 278—10-57

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700 Los Angeles County Engineering Bldg.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear Inst. No. 42266
Time 9:15 - 10:00 Rod No. 19 - 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-106A To BM 11-105A
Date 24 June 1963
Indexed S. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.922		.157			5.853		.192		BM 11-106A
	6.840		.158			5.662		.195		Valley Blvd at Pass and
	6.682		.315			5.467		.386		Covina Rd
	20.519	6.8397		.315	78°	16.982	5.6607		.391	See F.B. 1396 - 94
2	5.539		.166			5.037		.134		
	5.373		.162			4.903		.136		AT Smith
	5.211		.318			4.767		.270		
	16.123	5.3743		.643		14.707	4.9023		.656	
3	5.131		.156			4.586		.156		
	4.975		.154			4.430		.148		
	4.821		.310			4.282		.298		
	14.927	4.9757		.953		13.299	4.4331		.954	
4	5.232		.154			4.534		.153		
	5.083		.156			4.379		.155		
	4.928		.310			4.220		.310		
	15.149	5.0830		1.263		13.125	4.3750		1.264	
5	5.259		.147			4.404		.153		
	5.112		.147			4.251		.151		
	4.965		.294			4.100		.304		
	15.336	5.1120		1.557		12.755	4.2517		1.568	
	82.154	27.3847				71.461	23.8204			

F.B. 1396 P.G. 113

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 45280
Notes by F. E. Brooks Time 9:15 - 10:00 Rod No. 19-20

L.A. Co. Precise Level No.
Name
Job No. 0301.02
From BMH-106A To BMH-105A
Date 24 June 1963
Indexed E. J. GATT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	S. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	82.154					71.411				
6	5.370	27.3847	.150	1.557		4.733	23.8204	.148	1.518	
	5.220		.150			4.585		.147		
	5.070		.300			4.438		.295		
	15.660	5.2200		1.857		13.756	4.5853		1.863	
7	5.477		.152			4.853		.160		
	5.325		.152			4.693		.156		
	5.173		.304			4.537		.316		
	15.975	5.3250		2.161		14.083	4.1943		2.179	
8	5.478		.136			4.440		.150		
	5.342		.134			4.290		.150		
	5.208		.270			4.140		.300		
	16.028	5.3427		2.431		12.870	4.2900		2.479	
9	6.053		.145			4.630		.145		
	5.908		.145			4.485		.147		
	5.763		.290			4.338		.292		
	17.724	5.9080		2.721		13.453	4.4843		2.771	
10	5.722		.147			4.350		.148		
	5.575		.145			4.202		.149		
	5.430		.292			4.053		.297		
	16.727	5.5757		3.013		12.605	4.2017		3.068	
	164.268	54.7561				138.228	46.0760			

F.B. 2842 P.G. 114

76P326-CE 372 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 9:15 - 10:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.07
From BM 11-106A To BM 11-105A
Date 24 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 164.228	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 138.228	Mean	Thread Intervals	Sum of Intervals
11	5.850	54.7561	.163	3.013		4.440	46.0760	.140	3.068
	5.687		.164			4.305		.137	
	5.523		.327			4.168		.277	
	17.060	5.6867		3.340		12.918	4.3010		3.345
12	5.780		.147			4.438		.150	
	5.633		.145			4.288		.148	
	5.488		.292			4.140		.298	
	16.901	5.6337		3.632		12.866	4.2887		3.643
13	5.802		.154			4.102		.154	
	5.648		.153			3.948		.153	
	5.495		.307			3.795		.307	
	16.945	5.6483		3.939	72°	11.845	3.9483		3.950
	215.174	71.7248				175.857	58.6190		

DESCRIPTION AND REMARKS

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

Total Backsights = + 71.7248
Total Foresights = − 58.6190
Diff. Elev. = +13.1058

BM 11-105 A
Valley Blvd at Hambeldon
Ave
See F.B.

Backsight stadia = 3.939
Foresight Stadia = 3.950
Total Stadia = 7.889
= .5 ones

F.B. 2892 PG. 115

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. F. Snook Weather Clear Inst. No. 21280
Notes by K. M. Karp Time 10:05-10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-105A To BM 11-101 A
Date 6-24-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.187		154		19	5.885		153		BM 11-105A
	4.033		153			5.732		152		Valley Blvd. at
1	3.880		307			5.580		305		Woodbridge Ave.
	12.100	4.0333		307	74°	17.197	5.7323		305	See F.B. 1376-94A
	4.420		150			5.742		145		
	4.270		147			5.617		145		T. Smith, R.
2	4.123		297			5.472		290		
	12.813	4.2710		604		16.831	5.6170		595	
	4.332		152			5.711		149		
	4.180		152			5.562		151		
3	4.028		304			5.411		300		
	12.540	4.1800		905		16.684	5.5613		895	
	4.367		147			5.742		148		
	4.220		150			5.594		146		
4	4.070		297			5.448		294		
	12.657	4.2190		1205		16.784	5.5947		1189	
	4.305		148			5.729		149		
	4.157		149			5.580		145		
5	4.008		297			5.435		294		
	12.470	4.1567		1502		16.739	5.5797		1478	
FB 1892 SG. 111	62.580	20.8600				84.255	28.0850			

75P528-CE 379—10-57

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Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 10:05 – 10:40 Rod No. 17-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-105A To BM 11-106A
Date 6-24-63
Indexed C. J. GAHL

Number of Station	BACKSIGHT Thread Readings 62.580	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 84.256	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.406	20.8600	145	1.502		5.445	28.0850	135	1.478	
	4.257		152			5.310		135		
	4.105		301			5.175		270		
	12.768	4.2560		1.803		15.930	5.3100		1.748	
7	4.780		150			5.422		164		
	4.630		147			5.258		163		
	4.483		297			5.095		327		
	13.893	4.6310		2.100		15.775	5.2583		2.075	
8	4.787		150			5.423		150		
	4.637		150			5.273		150		
	4.487		300			5.123		300		
	13.911	4.6370		2.400		15.819	5.2730		2.375	
9	4.602		152			5.258		149		
	4.450		150			5.109		141		
	4.300		302			4.962		296		
	13.352	4.4507		2.702		15.329	5.1097		2.671	
10	4.560		153			5.270		157		
	4.407		154			5.113		155		
	4.253		307			4.958		312		
	13.220	4.4067		3.005		15.341	5.1137		2.983	
	129.724	43.2414				162.499	54.1497			

F.B. 1892 PG. 117

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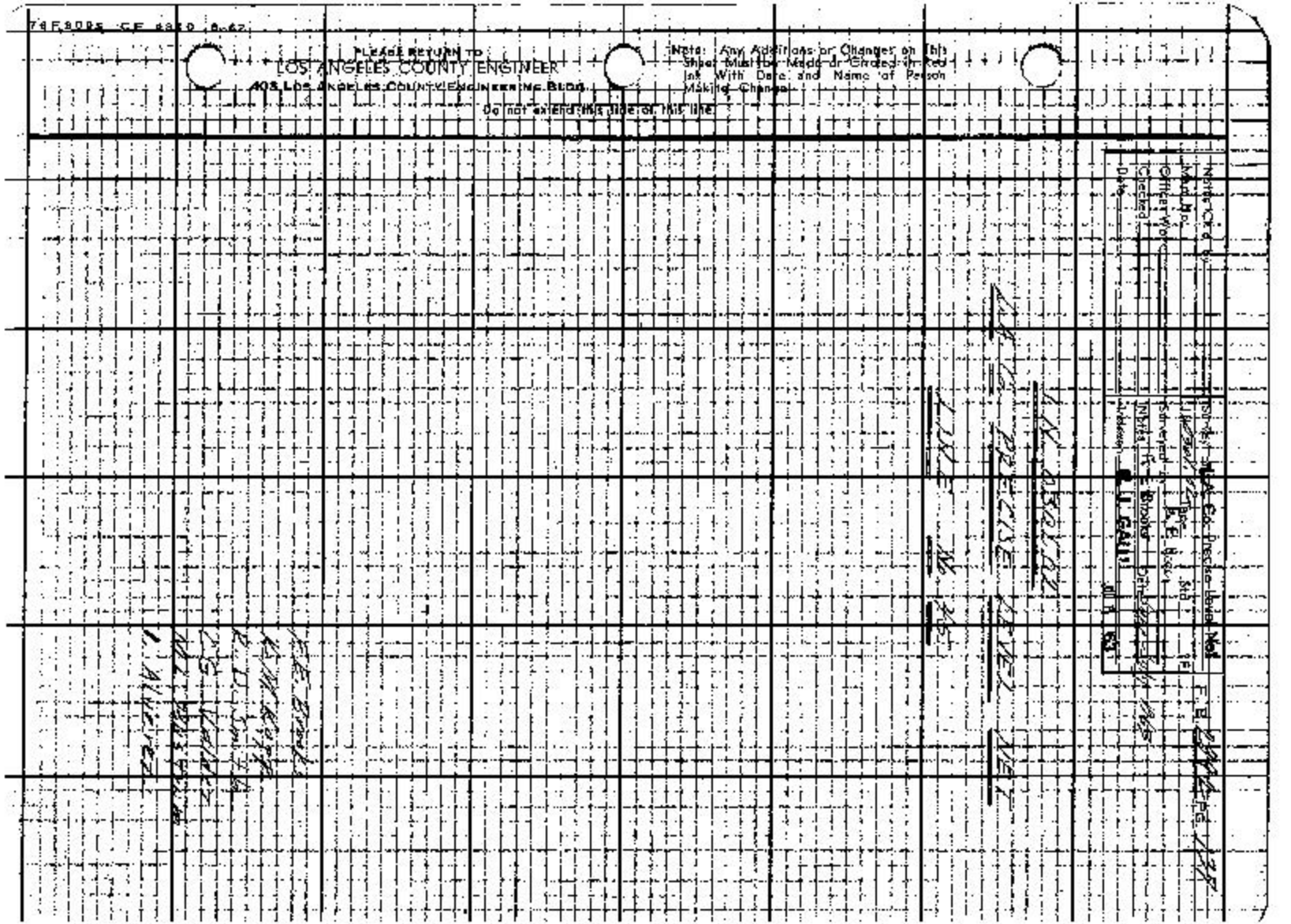
Chief of Party R. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 10:05 - 10:40 Rod No. 17-20

Name L.A. Co. Precise Level Net
Job No. 2301.02
From BM 11-105A To BM 11-106A
Date 6-24-63
Indexed R. J. Carr

Number of Station	BACKSIGHT Thread Readings 169.724	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 162.449	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.621	13.2414	150	3.009		5.150	54.1497	153	2.983	
	4.451		150			4.995		155		
11	4.301		300			4.840		310		
	13.353	4.4510		3309		14.985	4.9950		3.293	
	4.908		157			5.375		148		Summation of Run
	4.759		151			5.227		147		From B.M. 11-105A
12	4.608		300			5.080		295		To B.M. 11-106A
1	14.275	4.7583		3.609		15.682	5.2273		3.586	
"	5.828		175			6.999		169		BM 11-106A
1	5.653		176			6.830		169		Valley Blvd. at Pass E
13	5.477		351			6.661		338		Corona Rd.
	16.958	5.6527		3.960	74°	20.490	6.8300		3926	See F.B. 1376-94B
										Total Backsights = 58.1034'
										Total Foresights = 71.2020'
										Diff. Elev. = -13.0986'
										Backsight stadia = 3.960'
										Foresight Stadia = 3.926'
	174.310					213.606				Total Stadia = 7.886'
		58.1034					71.2020			= 0.50 mi

F.B. 2092 P.G. 118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LOS ANGELES COUNTY ENGINEER
405 LOS ANGELES COUNTY ENGINEERING BLDG.
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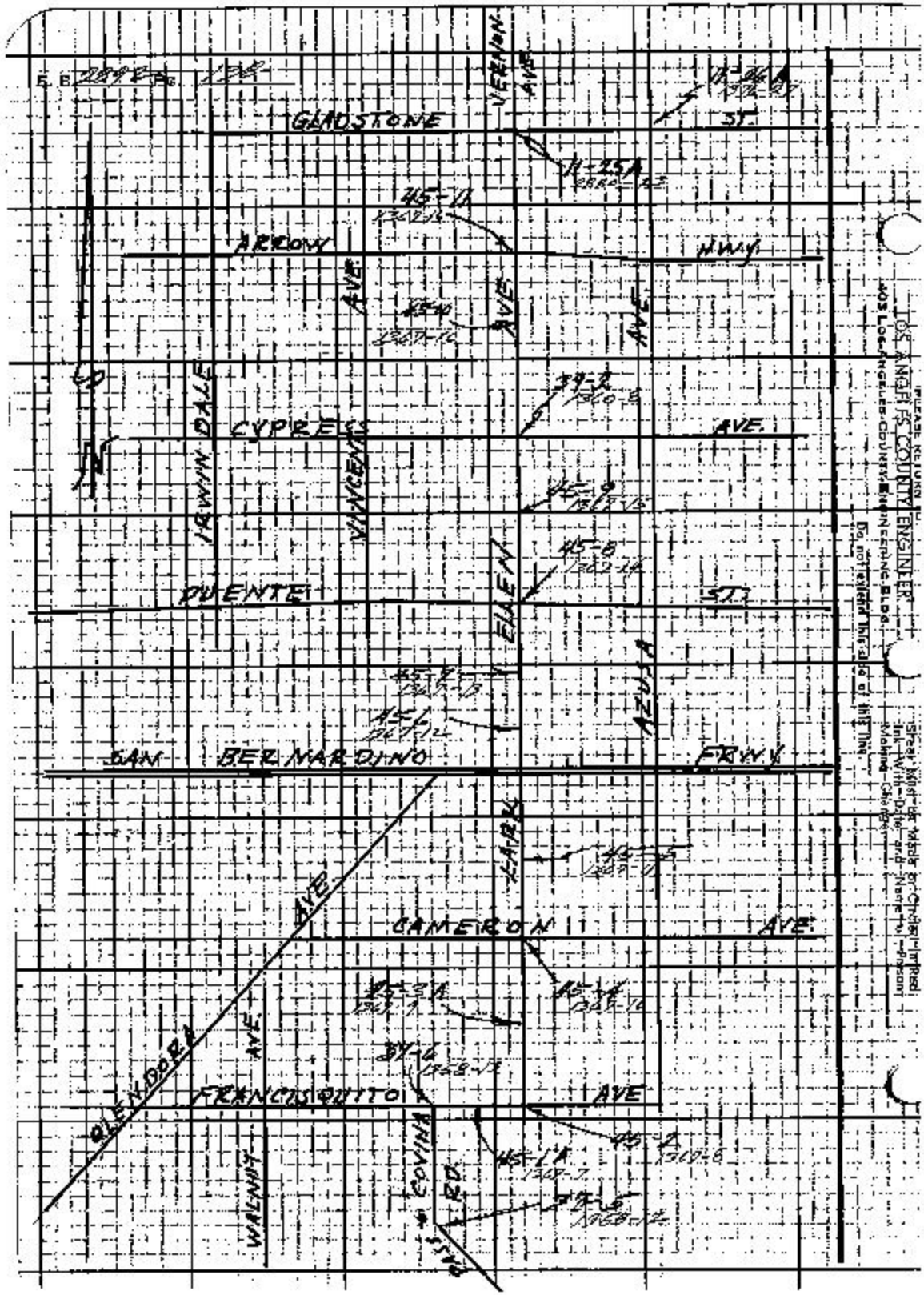
Note: Any Additions or Changes on This Sheet Must Be Made or Stated in Red Ink With Date and Name of Person Making Change.


GLADSTONE
ST.
VERNON AVE
11-25A
45-11
ARROW
HWY
AVE
AVE
AVE
CYPRESS
AVE.
IRWIN DALE
VINCENT
45-9
45-8
PUENTE
ST.
ELLEN
AZUSA
SAN BERNARDINO
FRWY
LARK
CAMERON
AVE.
AVE
GLENDORA
AVE
FRANCISQUITO
AVE
WALNUT
COVINA
RD.
45-1A
45-2
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
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75PB28-CE 879 10-57

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Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K.M. Kapp Time 1:40 - 2:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 030/02
From BM 37-5 To BM 37-6
Date 6-25-63
Indexed E. J. GALLI 7.5 63

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.262		144		19	6.687		140		BM 37-5
	3.118		146			6.547		140		Pass and Covina Rd. 400' S.E.
1	2.972		290			6.407		280		of P.I. south of Maplegrove St.
	9.352	3.1173		.290	90°	19.641	6.5470		.280	See F.B. 1358-12
	1.877		154			7.173		145		
	1.723		156			7.028		141		T. D. Smith
2	1.567		310			6.887		286		
	5.167	1.7223		.600		21.088	7.0293		.566	
	3.793		156			6.653		156		
	3.637		154			6.497		154		
3	3.483		310			6.343		310		
	10.913	3.6377		.910		19.493	6.4971		.876	
	5.698		138			6.070		123		
	5.560		138			5.947		122		
4	5.422		276			5.825		245		
	16.680	5.5600		1.186		17.842	5.9473		1.121	
	5.363		135			5.165		150		
	5.228		133			5.015		150		
5	5.095		268			4.865		300		
	15.686	5.2287		1.454		15.045	5.0150		1.421	
	57.798	19.2660				93.109	31.0363			

F.B. 2892 PG 139

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:40 - 2:40 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-5 To BM 37-6
Date 6-25-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 57.798	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 93.109	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3.652	19.2660	148	1.454		6.235	31.0363	140	1.421	
	3.504		146			6.095		140		
	3.358		294			5.955		280		
	10.514	3.5047		1.748		18.285	6.0950		1.701	
7	3.770		127			5.625		147		
	3.643		128			5.478		150		
	3.515		255			5.328		297		
	10.928	3.6427		2.003		16.431	5.4770		1.978	
8	4.767		134			5.148		134		
	4.633		136			5.014		132		
	4.497		270			4.882		266		
	13.897	4.6323		2.273		15.044	5.0147		2.264	
9	5.242		147			5.035		145		
	5.095		147			4.890		142		
	4.948		294			4.748		287		
	15.285	5.0950		2.567		14.673	4.8910		2.551	
10	3.442		121			7.930		130		
	3.320		122			7.800		130		
	3.198		244			7.670		260		
	9.960	3.3200		2.811		23.400	7.8000		2.811	
	118.382	39.4607				180.942	60.3140			

F.B. 2892 P.G. 140

76P526-CE 379—10-87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:40 - 2:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-5 To BM 37-6
Date 6-25-63
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 118.382	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 180.942	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.459	39.4607	140	2.811		7.284	60.3140	134	2.811	
	1.319		139			7.150		135		
11	1.180		277			7.015		267		
	3.958	1.3193		3.090		21.449	7.1497		3080	
	2.265		133			7.544		144		
	2.132		132			7.400		145		
12	2.000		265			7.255		289		
	6.397	2.1323		3.355		22.199	7.3997		3.369	
	4.000		136			5.251		134		
	3.864		136			5.117		137		
13	3.728		272			4.980		271		
	11.592	3.8640		3.627		15.348	5.1160		3.640	
	5.375		135			5.363		150		
	5.240		139			5.213		146		
14	5.101		274			5.067		296		
	15.716	5.2387		3.901		15.643	5.2143		3.936	
	5.065		142			4.783		143		
	4.923		143			4.640		145		
15	4.780		285			4.495		288		
	14.768	4.9227		4.186		13.918	4.6393		4.224	
	170.813	56.9377				269.499	89.8330			

F.B. 2892 P.G. 141

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party S. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:40 - 2:40 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-5 To BM 37-6
Date 6-25-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	170.813	56.9377				269.499				
	5.290		122	4.186		5.064	89.8330	119	4.224	
	5.168		120			4.945		118		
16	5.048		242			4.827		237		
	15.506	5.1687		4.428		14.836	4.9453		4.461	
	4.845		060			6.024		080		BM 37-6
	4.785		060			5.944		081		Pass E Covina Rd. &
17	4.725		120			5.863		161		Francisquito Ave
	14.355	4.7850		4.548	90°	17.831	5.9437		4.622	See F.B. 1358-13
										Summation of Run From B.M. 37-5 To B.M. 37-6
										Total Backsights = + 66.8914 Total Foresights = - 100.7220 Diff. Elev. = - 33.8306
										Backsight stadia = 4.548 Foresight Stadia = 4.622 Total Stadia = 9.170 = 0.58 mi.
	200.674					302.166				
		66.8914					100.7220			

F.B. 2592 V.G. 1/2

76P836-CS 378—10-57

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Chief of Party R. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:15 – 9:55 Rod No. 19-20

Name E.A. Co. Precise Level Nef
Job No. 0301.02
From BM 37-6 To BM 37-5
Date 26 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.093		.070			4.914		.070		BM 37-6
	6.003		.070			4.844		.070		Pass & Covina Rd. &
	5.933		.140			4.774		.140		Francisquito Ave.
	18.009	6.0030		.140	66°	14.532	4.8440		.140	See F.B. 1358-13
2	5.028		.120			5.254		.121		
	4.908		.118			5.133		.123		⊼ Smith
	4.990		.238			5.010		.244		
	14.726	4.9087		.378		15.397	5.1323		.384	
3	4.762		.115			5.042		.140		
	4.617		.145			4.902		.140		
	4.472		.290			4.762		.280		
	13.851	4.6170		.668		14.706	4.9020		.664	
4	5.317		.150			5.328		.135		
	5.167		.147			5.193		.137		
	5.020		.297			5.056		.272		
	15.504	5.1680		.965		15.577	5.1923		.936	
5	5.347		.137			4.094		.136		
	5.210		.136			3.958		.136		
	5.074		.273			3.822		.272		
	15.631	5.2103		1.238		11.874	3.9580		1.208	
	77.721	25.9070				72.086	24.0286			

F.B. 2872 P.G. 147

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:15 – 9:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-6 To BM 37-5
Date 26 June 1963
Indexed R. J. GALLY

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	17.721					12.086				
6	11.642	25.9070	.145	1.238		2.362	24.0282	.135	1.208	
	7.497		.144			2.227		.132		
	7.353		.089			2.095		.247		
	17.492	7.4973		1.527		4.684	2.2260		1.475	
7	11.783		.135			1.954		.138		
	11.648		.134			1.816		.139		
	7.514		.269			1.677		.419		
	31.945	7.4923		1.731		5.447	1.8157		1.152	
8	9.108		.126			3.635		.130		
	7.986		.122			3.505		.130		
	7.864		.248			3.375		.260		
	23.958	7.9810		2.096		10.515	3.5050		2.012	
9	5.264		.143			5.416		.145		
	5.121		.143			5.323		.146		
	4.978		.186			5.177		.291		
	15.363	5.1210		2.366		15.916	5.3277		2.303	
10	5.644		.135			4.664		.134		
	4.910		.123			4.530		.133		
	4.749		.258			4.397		.267		
	14.338	4.9127		2.594		13.591	4.5303		1.570	
F.B. 2611 P.G. 164	177.219	54.0727				109.291	41.4307			

74F328-CE 372 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by F. E. Brooks Time 9:15 - 9:55 Rod No. 19-20

Name B.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-6 To BM 37-5
Date 26 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 177.217	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 124.291	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.475	59.0727	.138	2.594		3.644	41.4303	.140	2.570	
	5.337		.137			3.504		.138		
	5.200		.275			3.366		.278		
	16.012	5.3377		2.869		10.514	3.5047		2.848	
12	6.233		.140			3.648		.146		
	6.093		.140			3.502		.146		
	5.953		.280			3.356		.292		
	18.279	6.0930		3.149		10.506	3.5020		3.140	
13	4.992		.142			5.203		.138		
	4.850		.144			5.064		.140		
	4.706		.286			4.924		.279		
	14.548	4.8493		3.435		15.191	5.0637		3.419	
14	6.044		.122			5.672		.137		
	5.922		.122			5.535		.138		
	5.800		.244			5.397		.275		
	17.766	5.9220		3.679		16.604	5.5347		3.694	
15	6.683		.155			3.823		.156		
	6.528		.158			3.667		.153		
	6.370		.313			3.514		.309		
	19.581	6.5270		3.992		11.004	3.6680		4.003	
	263.403	84.8009				188.110	62.7034			

F.B. 2872 P.G. 145

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Overcast Inst. No. 26280
Notes by E. E. Brooks Time 9:15-9:55 Rod No. 19-20

Name LA Co. Precise Level Net
Job No. 0301.02
From BM 37-6 To BM 37-5
Date 26 June 1963
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings 263.403	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 188.110	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.170	87.8009	.145	3.992		1.870	62.7034	.153	4.003	
	7.025		.143			1.717		.154		
16	6.882		.288			1.563		.307		
	21.077	7.0257		4.280		5.150	1.7167		4.310	
	6.657		.140			3.230		.145		BM 37-5
	6.517		.142			3.085		.145		Pass & Covina Rd., 400 ft.
17	6.375		.282			2.940		.290		S.E. of P.L., S. of Maclegrer
	19.549	6.5163		4.562	70°	9.255	3.0850		4.600	See F.B. 1358-12
										Summation of Run
										From B.M. 37-6
										To B.M. 37-5
										Total Backsights = + 101.3429
										Total Foresights = − 67.5051
										Diff. Elev. = +33.8378
										Backsight Stadia = 1.562
										Foresight Stadia = 4.600
										Total Stadia = 9.162
										= 0.58 mi.
	304.029	101.3429				202.515	67.5051			

F.B. 2892 P.G. 146

76P526.05 878—10.57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 2:45 -- 2:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 37-6 To BM 45-1A
Date 25 June 1963
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.706 7.520 7.416		.186 .194 .190			4.157 4.011 3.867		.146 .144 .190		BM 37-6 Pass and Covina Rd at Francisquito Ave See FB. 1358-13
	22.192	7.5307		.290	90°	12.035	4.0117		.290	
2	6.204 6.065 5.928		.139 .137 .176			3.900 3.756 3.617		.143 .144 .184		T Smith
	18.197	6.0657		.516		11.270	3.7567		.511	
3	5.350 5.275 5.200		.075 .075 .150			5.091 5.006 4.923		.085 .083 .168		BM 45-1A (Point 11A) Francisquito Ave in front of house # 16644 See FB. 1347-7
	15.825	5.2750		.716	68°	15.020	5.0067		.745	
						Summation of Run From B.M. 37-6 To B.M. 45-1A				Total Backsights = + 18.9014' Total Foresights = — 12.7754' Diff. Elev. = + 6.1260' Backsight stadia = 716' Foresight Stadia = 745' Total Stadia = 1461' = 109'
	52.704	18.9014'				38.335	12.7754'			

F.B. 1347 P.G. 1-5

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 26280
Notes by K. M. Kapp Time 9:40 - 9:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-1A To BM 37-6
Date 6-26-63
Indexed [illegible] GATES

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.312		090		19	5.563		071		BM 45-1A (Puente S LA)
	5.222		092			5.492		071		Francisquito Ave in front
	5.130		182			5.421		142		of house # 16644
	15.664	5.2213		.182	66°	16.476	5.4920		.142	See F.B. 1367-7
2	3.687		134			6.007		147		
	3.553		133			5.860		146		T R. Smith
	3.420		267			5.714		293		
	10.660	3.5533		.449		17.581	5.8603		.435	
3	3.568		144			7.118		143		BM 37-6
	3.424		144			6.975		142		Pass and Convine Rd at
	3.280		288			6.833		285		Francisquito Ave
	10.272	3.4240		.737	66°	20.926	6.9753		.720	See F. B. 1358-13
										Total Backsights = 12.1986
										Total Foresights = 18.3276
										Diff. Elev. = -6.1290
										Backsight stadia = .737
										Foresight Stadia = .720
										Total Stadia = 1.457
	36.596					54.983				= 0.09 mi.
		12.1986					18.3276			

Summation of Run
From B.M. 45-1A
To B.M. 37-6

F.B. 2692 P.G. 148

76F526-CE 379 10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No 26280
Notes by F. E. Brooks Time 2:55 - 3:20 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-1A To BM 45-2
Date 25 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	7.327		.159			3.580		.143		BM 45-1A (Puente S-6A)
	7.168		.156			3.437		.142		Francisquito Ave in front of
	7.012		.315			3.295		.285		house # 16644
	21.507	7.1690		.315	88°	10.312	3.4373		.285	See F.B. 1367-7
2	6.176		.155			3.424		.154		
	6.021		.157			3.270		.150		π Smith
	5.864		.312			3.120		.304		
	18.061	6.0203		.627		9.814	3.2713		.589	
3	6.126		.146			3.612		.155		
	5.980		.145			3.457		.156		
	5.835		.291			3.301		.311		
	17.941	5.9803		.918		10.370	3.4567		.900	
4	5.970		.140			3.436		.146		
	5.830		.140			3.290		.145		
	5.690		.280			3.145		.291		
	17.490	5.8300		1.198		9.871	3.2903		1.191	
5	5.857		.142			3.200		.148		
	5.715		.142			3.052		.144		
	5.573		.284			2.908		.192		
	17.145	5.7150		1.482		9.160	3.0533		1.483	
	92.144	30.7146				49.527	16.5089			

F.B. 2.822 P.G. 1.44

LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 2:55 - 3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-1A To BM 45-2
Date 25 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	92.144					19.527				
6	6.025	30.7146	.145	1.482		3.112	16.5089	.152	1.487	
	5.880		.145			2.960		.153		
	5.735		.290			2.807		.305		
	17.640	5.8800		1.772		8.879	2.9597		1.788	
7	5.848		.106			4.828		.107		BM 45-2
	5.742		.104			4.721		.109		Francisquito Ave at Lark
	5.638		.210			4.612		.216		Ellen Ave
	17.228	5.7427		1.987	88°	14.161	4.7203		2.004	See F.B. 1367-8
										Summation of Run
										From B.M. 45-1A
										To B.M. 45-2
										Total Backsights = + 42.3373
										Total Foresights = − 24.1889
										Diff. Elev. = +18.1484
										Backsight stadia = 1.982
										Foresight Stadia = 2.004
										Total Stadia = 3.986
										= .25 mi.
	127.012	42.3373				72.567	24.1889			

F.B. 2892 P.G. 150

75F526-CE 372 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party. F. E. Brooks
Notes by K. M. Kapp
Weather overcast Inst. No. 26260
Time 8:45 - 9:00 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 45-2 To BM 45-1A
Date 6-26-63
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.853		110		19	5.872		105		BM 45-2
	4.743		108			5.767		104		Francisquito Ave. at Lark
	4.635		218			5.663		209		Ellen Ave
	14.231	4.7437		.218	64	17.302	5.7673		.209	See F.B. 1367-B
2	3.092		152			6.005		143		
	2.940		152			5.862		145		T. R. Smith
	2.788		304			5.717		288		
	8.820	2.9400		.522		17.584	5.8613		.477	
3	3.128		144			5.765		142		
	2.984		146			5.643		141		
	2.838		270			5.502		283		
	8.950	2.9833		.812		16.930	5.6433		.780	
4	3.450		145			5.988		140		
	3.305		145			5.848		140		
	3.160		290			5.708		280		
	9.915	3.3050		1.102		17.544	5.8480		1.060	
5	3.713		139			6.265		165		
	3.574		138			6.100		165		
	3.436		277			5.935		330		
	10.723	3.5743		1.379		18.300	6.1000		1.370	
	52.639	17.5463				87.660	29.2199			

F.B. 2892 P.G. 151

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Overcast Inst. No. 26280
Notes by K. M. Kapp Time 8:45-9:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-2 To BM 45-1A
Date 6-26-63
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 52.639	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 87.660	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3.517	17.5463	164	1.319		6.264	29.7199	162	1.390	
	3.353		160			6.102		164		
	3.193		324			5.938		326		
	10.063	3.3543		1.703		18.304	6.1013		1.716	
7	3.524		142			7.273		159		BM 45-1 (Puente 1-LA)
	3.382		140			7.114		157		Francisquito 1/2 in front
	3.242		282			6.957		316		of house # 16644
	10.148	3.3827		1.985	66°	21.344	7.1147		2.032	See F.B. 1367-7
										Summation of Run
										From B.M. 45-2
										To B.M. 45-1A
										Total Backsights = + 24.2833
										Total Foresights = − 42.4359
										Diff. Elev. = −18.1526
										Backsight stadia = 1.985
										Foresight Stadia = 2.032
										Total Stadia = 4.017
	72.850					127.308				= 0.25 mi.
		24.2833					42.4359			

F.B. 2892 PG. 152

75PSES-CE 873 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 10:05 - 10:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-2 To BM 45-3A
Date 6-26-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.745		146		19	5.153		134		BM 45-2 (Puente Rd.)
	6.599		148			5.019		138		Francisquito Ave at Lark
	6.451		294			4.881		272		Ellen Ave
	19.795	6.5983		.294	70°	15.053	5.0177		.272	See F.B. 1367-B
2	5.874		138			4.921		140		
	5.736		139			4.781		140		T Valdez
	5.597		277			4.641		280		
	17.207	5.7357		.571		14.343	4.7810		.552	
3	4.640		139			6.380		140		
	4.501		139			6.240		140		
	4.362		278			6.100		280		
	13.503	4.5010		.849		18.720	6.2400		.832	
4	3.682		133			6.827		139		
	3.549		136			6.688		139		
	3.413		269			6.599		278		
	10.644	3.5480		1.118		20.064	6.6880		1.110	
5	3.749		138			6.475		139		
	3.611		135			6.336		140		
	3.476		273			6.196		279		
	10.836	3.6120		1.391		19.007	6.3357		1.389	
	71.985	23.9950				87.187	29.0624			

F.B. 28925 G 153

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 22220
Notes by K. M. Kapp Time 10:05 - 10:25 Rod No. 18-20

L.A. Co. Precise Level Net
Name
Job No. 0301-02
From BM 45-2 To BM 45-34
Date 6-26-63
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings 71.985	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 81.187	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.449	23.9950	141	1.391		6.982	29.0664	133	1.387	
	3.308		144			6.849		137		
6	3.167		285			6.712		270		
	9.921	3.3070		1.676		20.543	6.8477		1.659	
	2.869		153			8.177		163		BM 45-34
	2.716		154			8.014		164		Look Ellen Ave E
7	2.562		307			7.850		327		Merced Ave.
	8.147	2.7157		1.963	70°	24.041	8.0137		1.986	See F.B. 1367-9
										Summation of Run
										From B.M. 45-2
										To B.M. 45-34
										Total Backsights = + 30.0177
										Total Foresights = - 43.9238
										Diff. Elev. = - 13.9061
										Backsight stadia = 1.983
										Foresight Stadia = 1.986
	90.053					131.771				Total Stadia = 3.969
		30.0177					43.9238			= 0.25 mi.

FB 2-892 pg 154

75P826-GE 873 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by E. E. Brooks Time 2:40 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-39 To BM 45-2
Date 26 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.907		.152			2.600		.153		BM 45-39 (L.A.C.E.)
	4.745		.142			2.447		.152		Lake Ellen Ave. E.
	2.583		.284			0.295		.305		Merced Ave.
	13.235	4.7450		.324	84°	7.342	2.4473		.305	See F.B. 1367-9
2	6.730		.135			3.195		.142		A Smith
	6.595		.135			3.053		.143		
	1.410		.270			2.910		.285		
	19.735	1.5950		.594		9.158	3.0527		.590	
3	6.090		.140			3.363		.151		
	5.950		.140			3.227		.137		
	5.810		.280			3.070		.277		
	17.850	5.9500		.574		9.180	3.0601		.863	
4	6.505		.140			3.360		.133		
	6.365		.140			3.227		.134		
	6.225		.280			3.093		.267		
	19.095	6.3650		1.154		9.680	3.2267		1.130	
5	6.127		.142			4.793		.136		
	5.985		.142			4.241		.137		
	5.843		.284			4.110		.273		
	17.955	5.9850		1.436		12.740	4.2467		1.409	
	97.920	32.6400				45.600	16.2001			

F.B. 2 Gilb. G. 155

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 2140 - 3.00
Inst. No. 26280
Rod No. 14-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-3A To BM 45-2
Date 26 June 1913
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	4.420					4.600			
	4.466	32.6400	.140	1.438		5.415	16.2001	.140	1.463
	4.320		.140			5.295		.140	
6	4.180		.280			5.135		.280	
	12.960	4.3200		1.718		15.825	5.2750		1.183
	4.360		.129			5.950		.145	
	4.223		.136			5.805		.145	
7	4.087		.193			5.660		.290	
	12.670	4.2233		1.991	84°	18.415	5.8050		1.973

BM 45-2 (Puente K-6)
Francisquito Ave. E
Lark Ellen Ave
See F.B. 1367-B

Summation of Run
From B.M. 45-3A
To B.M. 45-2

Total Backsights = + 41.1833
Total Foresights = − 27.9801
Diff. Elev. = + 13.9032

Backsight stadia = 1.991
Foresight Stadia = 1.973
Total Stadia = 3.964
= .25 mi.

F.B. P.G. 157

123.5550 41.1833 81.940 27.9801

76PB15-DE 279—10-57

PLEASE RETURN TO
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700 Los Angeles County Engineering Bldg.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by E. E. Brooks
Weather Hazy
Time 10:25 – 11:10
Inst. No. 269.80
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03 01. 02
From BM 45-3A To BM 45-4
Date 26 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.420 5.277 5.130		.143 .147 .290	.290	72°	6.121 4.976 4.929		.145 .147 .292	.292	BM 45-3A (L.A.C.F.C.) Lark Ellen Ave at Mercer Ave. See F.B. 1367-9
2	4.851 4.709 4.561		.142 .141 .283	.573		5.195 5.050 4.904		.145 .146 .291	.583	To Valdez
	14.119	4.7063				15.149	5.0497			
3	4.268 4.124 3.982		.144 .142 .286	.861		5.083 4.945 4.805		.138 .140 .278	.861	
	12.374	4.1247				14.833	4.9443			
4	4.954 4.812 4.670		.142 .142 .284	1.150		5.652 5.513 5.387		.139 .137 .276	1.131	F.B. 1367 P.G. 137
	14.436	4.8120				16.553	5.5177			
5	5.049 4.904 4.761		.145 .143 .288	1.438		5.179 5.001 4.961		.178 .140 .278	1.409	
	14.714	4.9047				15.001	5.0003			
	71.970	14.7234				76.462	25.4877			

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 10:25 - 11:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 45-3A To BM 45-4
Date 26 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	22.970					16.462				
6	5.222	24.3234	.131	1.438		5.598	25.4873	.137	1.409	
	5.122		.133			5.461		.137		
	4.989		.264			5.372		.276		
	15.364	5.1213		1.902		16.381	5.4603		1.685	
7	4.789		.140			5.095		.137		
	4.649		.140			4.968		.129		
	4.509		.280			4.839		.256		
	13.947	4.6490		1.982		14.902	4.9673		1.941	
8	5.279		.137			4.851		.145		
	5.142		.136			4.706		.148		
	5.006		.273			4.558		.293		
	15.427	5.1423		2.255		14.115	4.7050		2.234	
9	5.309		.143			5.656		.137		
	5.166		.144			5.519		.139		
	5.022		.287			5.380		.276		
	15.497	5.1657		2.542		16.555	5.5183		2.510	
10	5.833		.142			5.154		.136		
	5.691		.140			5.018		.137		
	5.551		.282			4.881		.273		
	17.075	5.6917		2.824		15.053	5.0177		2.783	
	150.280	50.0934				153.468	51.1559			

F.B. 2892 P.G. 158

76P525-CE 79—10-87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 26280
Notes by F. E. Brooks Time 10:25 - 11:10 Rod No. 19-20

Name L.A. Co. Precisn Level Net
Job No. 0301.02
From BM 45-3A To BM 45-4
Date 26 June 1963
Indexed [illegible] GALLI

Number of Station	BACKSIGHT Thread Readings 150.700	Mean	Thread Intervals	Sum of Intervals	S. S. Rod and Temp.	FORESIGHT Thread Readings 153.468	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.515	50.0934	.136	2.824		4.759	51.1559	.136	2.787	
	5.379		.137			4.623		.135		
	5.242		.277			4.488		.271		Summation of Run
	16.136	5.3787		3.097		13.870	4.6233		3.064	From B.M. 45-3A
12	5.298		.138			5.077		.141		To B.M. 45-4
	5.160		.138			4.938		.142		
	5.022		.276			4.796		.283		Total Backsights = + 77.2944
	15.480	5.1600		3.373		14.813	4.9377		3.334	Total Foresights = − 76.1705
13	5.891		.134			5.048		.140		Diff. Elev. = + 1.1239
	5.757		.138			4.908		.139		
	5.619		.272			4.769		.279		Backsight stadia = 4.153
	17.267	5.7557		3.645		14.725	4.9083		3.616	Foresight Stadia = 4.109
14	5.796		.140			5.581		.137		Total Stadia = 8.262
	5.656		.139			5.444		.136		= .52 mi.
	5.517		.279			5.308		.273		
	16.969	5.6563		3.924		16.333	5.4443		3.889	
15	5.365		.115			5.211		.110		BM 45-4
	5.250		.114			5.101		.110		Lark Ellen Ave at Cameron
	5.136		.229			4.991		.220		Ave
	15.751	5.2503		4.153	74°	15.303	5.1010		4.109	See F.B. 1367-10
	231.883	77.2944				228.512	76.1705			

F.B. 2892 P.G. 159

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 26280
Notes by K. M. Kapp Time 1:50 - 2:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-4 To BM 45-3A
Date 6-26-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.545		110		19	5.702		120		BM 45-4
	5.435		110			5.582		120		Lark Ellen Ave at Cameron
	5.325		220			5.462		240		Ave
	16.305	5.4350		.220	84	16.746	5.5820		.240	See FB 1367.10
2	5.450		140			5.663		138		
	5.310		140			5.525		135		T Bustrum
	5.170		280			5.390		273		
	15.930	5.3100		.500		16.578	5.5260		.513	
3	4.883		140			5.728		138		
	4.743		140			5.590		137		
	4.603		280			5.453		275		
	14.229	4.7430		.780		[illegible].771	5.5903		.788	
4	4.897		137			[illegible].128		143		
	4.760		135			4.985		142		
	4.625		272			4.843		285		
	14.282	4.7607		1.052		14.956	4.9853		1.073	
5	4.550		135			5.307		137		
	4.415		135			5.170		135		
	4.280		270			5.035		272		
	13.245	4.4150		1.322		15.512	5.1707		1.345	
	73.991	24.6637				80.563	26.8543			

FB 2892 PG 160

76PB26-CE 370—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 1:50 - 2:35 Rod No. 19.20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM45-4 To BM45-3A
Date 6-26-63
Indexed E. J. GAIN

Number of Station	BACKSIGHT Thread Readings 73.991	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 80.563	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.920	24.6637	137	1.322		5.600	26.8543	140	1.345	
	4.783		138			5.460		140		
	4.645		275			5.320		280		
	14.348	4.7827		1.597		16.380	5.4600		1.625	
7	5.405		138			5.057		144		
	5.267		139			4.913		143		
	5.128		277			4.770		287		
	15.800	5.2667		1.874		14.740	4.9133		1.912	
8	4.760		151			5.183		135		
	4.609		149			5.048		135		
	4.460		300			4.913		270		
	13.829	4.6097		2.174		15.144	5.0480		1.82	
9	5.003		130			4.695		14[illegible]		
	4.873		128			4.555		140		
	4.745		258			4.415		280		
	14.621	4.8737		2.432		13.665	4.5550		2.462	
10	5.403		138			5.060		132		
	5.265		140			4.928		135		
	5.125		278			4.793		267		
	15.793	5.2643		2.710		14.781	4.9270		2.729	
	148.382	49.4608				155.275	51.7576			

F.B. 2872 P.G. 161

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Chief of Party F. E. Brooks — Weather Clear — Inst. No. 2260
Notes by K. M. Kaer — Time 1:50 - 2:35 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-4 To BM 45-3A
Date 2-26-63
Indexed C. J. Galli

Number of Station	BACKSIGHT Thread Readings 145.582	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 155.273	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	5.023	4.1608	138	2.710		4.982	5.1757	145	2.729	
	4.935		138			4.837		142		
	4.797		276			4.695		287		Summation of Run
	14.605	4.9350		2.986		14.514	4.8380		3.016	From B.M. 45-4
12	5.368		195			4.652		132		To B.M. 45-3A
	5.223		193			4.520		133		
	5.080		288			4.387		265		Total Backsights = + 74.3485
	15.671	5.2237		3.274		13.559	4.5197		3.381	Total Foresights = − 75.4776
13	5.010		140			4.710		147		Ent. Elev. = − 1.1291
	4.870		140			4.563		146		
	4.730		280			4.417		293		Backsight stadia = 4.127
	14.610	4.8700		3.554		13.690	4.5633		3.574	Foresight Stadia = 4.155
14	5.083		140			4.730		147		Total Stadia = 8.282
	4.943		140			4.583		143		= 0.52 Ft.
	4.803		280			4.440		290		
	14.829	4.9430		3.824		13.753	4.5843		3.864	
15	5.063		198			5.360		195		BM 45-3A (L.A.C. F.C.)
	4.915		195			5.245		196		Lark Ellen Ave at Mineola
	4.770		293			5.069		291		Ave
	14.748	4.9160		4.127	82°	15.644	5.2147		4.155	Co. Rd. Ft. 9
	223.045	74.3485				226.433	75.4776			

K 2892 G 1/2

79PS28-CE 879—10-87

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Karr Time 11:10-12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-4 To BM 45-5
Date 6-26-63
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.131		120		19	4.671		128		BM 45-4
	5.011		120			4.543		126		Lark Ellen Ave at Cameron
	4.891		240			4.417		254		Ave
	15.033	5.0110		.240	74°	13.631	4.5437		.254	See F.B. 1367-10
2	5.336		137			4.826		140		
	5.199		139			4.668		170		T Valdez
	5.060		276			4.548		280		
	15.595	5.1983		.516		14.064	4.6880		.534	
3	5.297		139			4.712		150		
	5.158		139			4.562		152		
	5.019		278			4.410		302		
	15.474	5.1580		.794		13.684	4.5613		.836	
4	5.418		149			4.822		126		
	5.269		147			4.696		127		
	5.122		296			4.569		253		
	15.809	5.2697		1.090		14.087	4.6957		1.089	
5	5.699		143			4.791		132		
	5.556		144			4.659		131		
	5.412		287			4.528		263		
	16.667	5.5557		1.377		13.978	4.6593		1.352	
	78.578	26.1927				69.444	23.1480			

F.B. 7892 P.G. 163

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 11:10-12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-4 To BM 45-5
Date 6-26-63
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	78.578					69.411				
6	5.505	26.1927	130	1.377		5.743	23.1480	143	1.332	
	5.375		127			5.600		144		
	5.248		257			5.456		287		
	16.128	5.3760		1.634		16.799	5.5997		1.639	
7	5.661		142			4.594		134		
	5.519		142			4.460		134		
	5.377		284			4.326		268		
	16.557	5.5190		1.918		13.380	4.4600		1.887	
8	5.332		133			4.939		144		
	5.199		136			4.795		144		
	5.063		269			4.651		288		
	15.594	5.1980		2.187		14.385	4.7950		2.175	
9	5.107		135			4.268		126		
	4.972		131			4.142		123		
	4.841		266			4.017		249		
	14.920	4.9733		2.453		12.429	4.1430		2.424	
10	4.580		144			5.749		138		
	4.436		144			5.611		140		
	4.292		288			5.471		278		
	13.308	4.4360		2.741		16.831	5.6103		2.702	
	155.085	51.6950				143.268	47.7560			

F.B. 2898 PG. 164

24P936-CE 370—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear Inst. No. 26280
Notes by K. M. Kapp Time 11:10 – 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-4 To BM 45-5
Date 6-26-63
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 155.085	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 143.268	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	4.499	51.6950	131	2.741		4.602	47.7560	147	2.782	Summation of Run
	4.368		132			4.455		150		From B.M. 45-4
	4.236		263			4.305		297		To B.M. 45-5
	13.103	4.3677		3.009		13.362	4.4540		3.019 / 2.799	
12	5.040		141			4.528		135		Total Backsights = + 72.5836
	4.899		140			4.393		132		Total Foresights = − 66.5616
	4.759		281			4.261		267		Diff. Elev. = + 6.0220
	14.698	4.8993		3.285		13.182	4.3940		3.286	
13	5.126		137			5.109		135		Backsight stadia = 3.891
	4.989		139			4.974		134		Foresight Stadia = 3.884
	4.850		276			4.840		269		Total Stadia = 7.775
	14.965	4.9883		3.561		14.923	4.9743		3.535	= 0.49 mi
14	6.799		167			5.158		175		BM 45-5
	6.632		163			4.983		174		Cark Ellen Ave. &
	6.469		330			4.809		349		Stuart Ave.
	19.900	6.6333		3.891	76°	14.950	4.9833		3.904 / 3.884	See F.B. 1369-11
	217.751					199.685				
		72.5836					66.5616			

F.B. 2892 P.G. 165

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. 26280
Notes by P. E. Brooks Time 1:05 – 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From BM 45-5 To BM 45-4
Date 26 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.267		.170			5.921		.169		BM 45-5
	4.097		.172			5.742		.170		Lark Ellen Ave at Short
	3.925		.342			5.572		.339		Ave
	12.289	4.0963		.342	84°	17.225	5.7417		.339	See F.B. 1367-11
2	5.011		.133			5.026		.139		Bustrum
	4.878		.136			4.889		.136		
	4.742		.269			4.753		.275		
	14.631	4.8770		.611		14.670	4.8900		.614	
3	4.019		.133			4.534		.142		
	3.886		.130			4.392		.142		
	3.756		.263			4.250		.284		
	11.661	3.8870		.874		13.176	4.3920		.898	
4	4.412		.148			4.311		.131		
	4.269		.149			4.180		.130		
	4.020		.297			4.050		.261		
	12.806	4.2687		1.171		12.541	4.1803		1.159	
5	5.580		.140			4.409		.144		
	5.440		.139			4.265		.145		
	5.301		.279			4.120		.289		
	16.321	5.4403		1.450		12.794	4.2647		1.448	
	67.708	22.5693				70.406	23.4687			

F.B. 2892 P.G. 166

76F326-CE 379 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM45-5 To BM45-4
Date 26 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 67.738	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 70.406	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	4.202	225693	.123	1.450		5.045	23.4687	.135	1.448	
	4.079		.126			4.910		.132		
	3.953		.249			4.778		.267		
	12.234	4.0780		1.699		14.733	4.9110		1.715	
7	4.768		.143			5.163		.135		
	4.625		.142			5.028		.137		
	4.483		.285			4.891		.272		
	13.876	4.6253		1.984		15.082	5.0273		1.987	
8	4.542		.135			5.607		.142		
	4.407		.134			5.465		.142		
	4.273		.269			5.323		.284		
	13.222	4.4073		2.253		16.395	5.4650		2.271	
9	5.357		.134			5.135		.138		
	5.223		.134			4.997		.137		
	5.089		.268			4.860		.275		
	15.669	5.2230		2.521		14.992	4.9973		2.546	
10	4.915		.133			5.822		.142		
	4.782		.132			5.680		.140		
	4.650		.265			5.540		.282		
	14.347	4.7823		2.786		17.042	5.6807		2.828	
	137.056	45.6852				148.650	49.5500			

F.B. 2822 P.G. 167

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. 26280
Notes by F. E. Brooks Time 1:05 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45 5 To BM 45-4
Date 26 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 137.056	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 148.650	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	4.669	45.6052	.148	2.786		5.223	49.5500	.126	2.828	Summation of Run
	4.521		.146			5.097		.127		From B.M. 45-5
	4.375		.294			4.970		.257		To B.M. 45-4
	13.565	4.5217		3.080		15.290	5.0967		3.081	
12	4.680		.100			5.269		.144		Total Backsights = + 63.8499
	4.530		.148			5.125		.140		Total Foresights = − 69.8680
	4.382		.298			4.985		.284		Diff. Elev. = − 6.0191
	13.592	4.5307		3.378		15.379	5.1263		3.365	
13	4.705		.140			5.215		.138		Backsight stadia = 3.913
	4.565		.140			5.077		.137		Foresight Stadia = 3.874
	4.425		.280			4.940		.275		Total Stadia = 7.787
	13.695	4.5650		3.658		15.232	5.0773		3.640	= .49 mi.
14	4.675		.128			5.135		.118		BM 45-4
	4.547		.127			5.017		.116		Lark Ellen Ave. at
	4.420		.255			4.901		.234		Cameron Ave
	13.642	4.5473		3.913	84°	15.053	5.0177		3.874	See FB 1367-10
	191.550	63.8499				209.104	69.8680			

F.B. 2892 P.G. 168

76P528-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. 26280
Notes by C. G. VALDEZ Time 8:50 – 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-5 To BM 45-6
Date June 27, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.402		164		#10	4.844		156		BM 45-5
	5.288		163			4.688		156		Lark Ellen Ave at Stuart
	5.075		327			4.532		312		Ave
1.	15.715	5.2383		.327	66°	14.064	4.6880		.312	See F.B. 1327-11
	5.628		145			4.307		142		
	5.483		145			4.165		141		T. Smith
	5.338		290			4.024		283		
2.	16.449	5.4830		.617		12.496	4.1653		.595	
	4.990		155			4.244		152		
	4.835		155			4.092		152		
	4.680		310			3.940		304		
3.	14.505	4.8350		.927		12.276	4.0920		.899	
	4.937		139			4.178		158		
	4.798		140			4.020		158		
	4.658		279			3.862		316		
4	14.393	4.7977		1.206		12.060	4.0200		1.215	
	5.182		152			4.403		151		
	5.030		152			4.252		152		
	4.878		304			4.100		303		
5.	15.090	5.0300		1.510		12.755	4.2517		1.518	
	76.162	25.3840				63.651	21.2170			

F.B. 2892 P.G. 169

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. 26280
Notes by C. G. Valdez Time 8:50 10:00 Rod No. 19620

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-5 To B.M. 45-6
Date JUNE 27 1963
Indexed E. J. GAIN

Number of Station	BACKSIGHT Thread Readings 76.152	Mean	Thread Intervals	Sum of Intervals	R. S. Rod and Temp.	FORESIGHT Thread Readings 63.651	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.727	2.53840	202	1.510		0.640	21.2170	202	1.518	
	6.525		200			0.438		206		
	6.325		402			0.232		408		
6.	19.577	6.5257		1.912		1.310	0.4367		1.926	
	5.563		278			6.493		305		# NOTE: CROSS FREEWAY
	5.285		278			6.188		303		
	5.007		556			5.885		608		
7.	15.855	5.2850		2.468		18.566	6.1887		2.534	
	5.074		199			5.020		133		
	4.875		195			4.887		134		
	4.680		394			4.753		267		
8	14.629	4.8763		2.862		14.660	4.8867		2.801	
	5.750		134			4.508		168		
	5.616		136			4.340		171		
	5.480		270			4.169		339		
9	16.846	5.6153		3.132		13.017	4.3390		3.140	
	5.382		154			4.703		148		
	5.228		150			4.555		148		
	5.078		304			4.407		296		
10	15.688	5.2293		3.436		13.665	4.5550		3.436	
	158.747	52.9156				124.869	41.6231			

F.B. 2692 PG. 170

76P529-CE 976—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather OVERCAST Inst. No. 26280
Notes by C.G. VALDEZ Time 8:50 – 10:00 Rod No. 19&20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-5 To B.M. 45-6
Date JUNE 27, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	158.747					124.869				
	5.956	52.9156	156	3.436		4.070	44.6231	157	3.436	
	5.800		156			3.913		158		
	5.644		312			3.755		315		
11.	17.400	5.8000		3.748		11.738	3.9127		3.751	
	5.875		.085			4.922		106		BM 45-6
	5.790		.085			4.816		104		Lark Ellen Ave. at Workman
	5.705		170			4.712		210		Ave
12.	17.370	5.7900		3.918		14.450	4.8167		3.961	See F.B. 1367-12
	199.519	64.5056				151.059	50.3525			

Summation of Run
From B.M. 45-5
To B.M. 45-6

Total Backsights = + 64.5056
Total Foresights = − 50.3525
Diff. Elev. = +14.1531

Backsight stadia = 3.918
Foresight Stadia = 3.961
Total Stadia = 7.899
= .50 mi.

F.B. 2892 P.G. 171

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by C. G. VALDEZ Time 8:35 - 8:55 Rod No. 19-20

Name B.A. Co. Precise Level Nut
Job No. 8301.02
From BM 45-6 To BM 45-5
Date 28 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.715		093		#19	5.692		096		BM 45-6
	4.622		095			5.596		096		Lark Ellen Ave & Workman
	4.527		188			5.500		192		Ave
1.	13.864	4.6213		.188	68°	16.788	5.5960		.192	See F.B. 567-12
	4.195		158			6.077		154		
	4.037		157			5.923		156		
	3.880		315			5.767		310		
2.	12.112	4.0373		.503		17.767	5.9223		.502	
	4.732		149			5.408		151		
	4.583		150			5.257		152		SMITH
	4.433		299			5.105		303		
3	13.748	4.5827		.802		15.770	5.256		.805	
	4.733		153			6.010		150		
	4.580		153			5.860		153		
	4.427		306			5.707		303		
4.	13.740	4.5800		1.108		17.577	5.8590		1.108	
	5.050		175			5.022		157		
	4.875		175			4.865		157		
	4.700		350			4.708		314		
5.	14.625	4.8750		1.458		14.595	4.8650		1.422	
	68.089	22.6963				82.497	27.4990			

F.B. 2892 P.G. 172

76P526-CE 370—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 W. E. Brocky Weather CLEAR Inst. No. 26
Notes by C.G. VALDEZ Time 8:25 - 9:55 Rod No. 19420

Name C.A. Co. Precise Level Net
Job No. 0391-02
From B.M. 45-6 To B.M. 45-5
Date JUNE 24, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.618		303	1468		5.687		215	1422	
	6.315		306			5.112		219		
	6.010		608			6.132		654		
6.	18.943	6.3143		2.066		16.932	5.6107		1.976	
	0.981		196			7.285		210		
	0.785		195			6.875		210		
	0.590		391			6.666		420		
7.	2.356	0.7853		2.457		20.625	6.8750		2.396	
	4.903		140			5.107		164		
	4.763		140			5.513		166		
	4.623		280			5.317		330		
8.	14.289	4.7630		2.737		16.627	5.5423		2.726	
	4.557		150			5.330		144		
	4.407		150			5.183		146		
	4.257		300			5.037		298		
9.	13.221	4.4070		3.037		15.550	5.1833		3.019	
	4.178		142			5.227		164		
	4.330		145			5.073		166		
	4.185		287			4.907		330		
10.	12.987	4.3290		3.324		15.217	5.0723		3.149	
	129.880	43.2919				166.148	55.5826			

F.B. 2497 pp. 6, 123

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather CLEAR Inst. No. 26
Notes by C. G. VALDEZ Time 8:35 - 8:56 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-6 To B.M. 45-5
Date JUNE 28, 1963
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.606		141	3.324		5.925		143	3.349	
	4.465		142			5.782		147		Summation of Run
	4.323		283			5.635		290		From B.M. 45-6
11.	13.394	4.4647		3.607		17.342	5.7807		3.639	To B.M. 45-5
	5.108		178			5.625		143		BM 45-5
	4.930		178			5.482		145		Lark Ellen Ave at
	4.752		356			5.337		288		Stuart Ave
12.	14.790	4.9300		3.963	72°	16.444	5.4813		3.927	See F.B. 1367-11
										Total Backsights = + 52.6896
										Total Foresights = − 66.8146
										Difference = − 14.1550
										Backsight stadia = 3.963
										Foresight Stadia = 3.927
										Total Stadia 7.890
										= .50 mi
	158069	526896				200534	668446			

F.B. 2992 V.G. 174

76P526-C5 378—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 9:35 - 9:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 45-6 To BM 45-7
Date 28 June 1963
Indexed E. J. GAUL

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.963		.150			4.858		.155		BM 45-6
	5.843		.150			4.703		.155		Park Ellen Ave at Workman
	5.663		.300			4.548		.310		Ave
	17.439	5.8130		.300	72°	14.109	4.7030		.310	See F.B. 1367-12
2	5.790		.146			5.018		.145		
	5.644		.145			4.873		.149		T. Smith
	5.499		.291			4.724		.294		
	16.933	5.6443		.591		14.615	4.8717		.604	
3	5.640		.140			4.922		.142		
	5.500		.140			4.780		.142		
	5.360		.280			4.638		.284		
	16.500	5.5000		.871		14.340	4.7800		.888	
4	5.520		.150			4.748		.140		
	5.370		.150			4.608		.140		
	5.220		.300			4.468		.280		
	16.110	5.3700		1.171		13.824	4.6080		1.168	
5	5.672		.154			5.352		.150		
	5.518		.156			5.202		.150		
	5.362		.310			5.052		.300		
	16.552	5.5173		1.481		15.606	5.2020		1.468	
	83.534	27.8446				72.494	24.1647			

F.B. 2892 P.G. 175

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SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 9:35 - 9:55 Rod No 12-20

Name U.A. Co. Precise Level Net
Job No. 0321.02
From BM 45-6 To BM 45-7
Date 26 June 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings 83.574	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 72.464	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.284	17.8446	.152	1.481		4.827	24.1647	.156	1.468	
	4.132		.152			4.971		.150		
6	5.980		.304			14.365		.312		
	16.396	6.1320		1.785		14.133	4.7110		1.780	
	5.532		.116			5.152		.096		BM 45-7
	5.421		.117			5.057		.094		Lark Ellen Ave at Rowland
7	5.304		.233			4.910		.193		Ave.
	16.257	5.4204		2.015	74°	15.119	5.0547		1.983	See FB. 1347-13
										Summation of Run
										From B.M. 45-6
										To B.M. 45-7
										Total Backsights = + 39.3973
										Total Foresights = - 33.9324
										Diff. Elev. = + 5.4649
										Backsight stadia = 2.018
										Foresight Stadia = 1.973
										Total Stadia = 3.991
										= .95 mi.
	118.192	39.3973				101.799	33.9324			

FB 2622 PG 126

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 2:00 - 2:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-7 To BM 45-6
Date 1 July 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	79.165					83.919				
6	5.052	26.3883	.154	1.388		5.807	29.9730	.138	1.421	
	4.899		.157			5.669		.134		
	4.141		.311			6.532		.275		
	14.191	4.8970		1.699		17.008	5.6693		1.696	
7	5.068		.156			6.169		.148		BM 45-6
	4.912		.154			6.021		.149		Lark Ellen Ave at Workman Ave
	4.758		.310			5.872		.297		
	14.738	4.9127		2.209	92°	18.012	6.0207		1.993	See F.B. 1367.12
										Summation of Run From B.M. 45-7 To B.M. 45-6
										Total Backsights = + 36.1980
										Total Foresights = − 41.6630
										Diff. Elev. = − 5.4650
										Backsight stadia = 2.209
										Foresight Stadia = 1.993
										Total Stadia = 4.002
										= .25 mi.
	108.544	36.1980				124.989	41.6630			

FB 2882 PG 178

76F528-CE 370 10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather CLEAR Inst. No. 26280
Notes by C. G. VALDEZ Time 9:55 - 10:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-7 To BM 45-8
Date June 28 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.172		159		19	4.804		156		BM 45-7
	6.013		160			4.648		157		Lark Ellen Ave at Rowland
	5.853		319			4.491		313		Ave
1.	18.038	6.0127		.319	740	13.943	4.6477		.313	See F.B. 1367-13
	5.908		151			4.743		156		
	5.757		154			4.587		157		
	5.603		305			4.430		313		
2.	17.268	5.7560		.624		13.760	4.5867		.626	
	5.907		154			4.577		155		
	5.753		153			4.422		154		R. SMITH
	5.600		307			4.268		309		
3.	17.260	5.7533		.931		13.267	4.4223		.935	
	5.582		150			4.723		153		
	5.432		147			4.570		150		
	5.285		297			4.420		303		
4.	16.299	5.4330		1.228		13.713	4.5710		1.238	
	5.962		152			4.440		157		
	5.810		150			4.283		155		
	5.660		302			4.128		312		
5.	17.432	5.8107		1.530		12.851	4.2837		1.550	
	86.297	28.7657				67.534	22.5114			

F.B. 2892 P.G. 179

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. 26280
Notes by C. G. VALDEZ Time 9:55 10:15 Rod No. 19420

Name LA Co. Precise Level Net
Job No. 030102
From B.M. 45-7 To B.M. 45-8
Date JUNE 28, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings 86.297	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 67.574	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5850	48.7657	146	1530		4539	22.5774	152	1550	
	6304		146			4387		151		Summation of Run
	5558		292			4236		303		From B.M. 45-7
6.	17112	5.7040		1.822		13162	4.3873		1.853	To B.M. 45-8
	5.094		087			4.669		71		BM 45-8
	5.007		086			4.598		70		Lark Ellen Ave at
	4.922		162			4.528		147		Puente Ave
7.	15.023	5.0077		1.984	78°	13.795	4.5983		1.994	See FB. B67-14
	118.432					94.491				
		39.4774					31.4970			

Total Backsights = + 39.4774
Total Foresights = 31.4970
Diff. Elev. = + 7.9804

Backsight stadia = 1.984
Foresight Stadia = 1.994
Total Stadia = 3.978 = .25 miles
.0085 counts

FB. 2892 RG. 180

7cMB26-CE 375 10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Hazy Inst. No. 26280
Notes by E. E. Brooks Time 1:35 – 1:55 Rod No. D420

Name L.A. Co. Precise Level Net
Job No. 0321.02
From B.M. 45-B To B.M. 45-J
Date 1 July 1963
Indexed C. J. GALU

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.567		.096			5.971		.096		BM 45-B
	5.487		.090			5.875		.077		Lark Ellen Ave at
	5.407		.160			5.821		.153		Puente Ave
1.	16.461	5.4870		.160	94°	17.693	5.8977		.153	See FB. 1367-14
	4.750		.142			6.069		.140		
	4.607		.145			5.901		.152		T. Valdez
	4.458		.292			5.749		.300		
2.	13.811	4.6037		.452		17.719	5.9197		.453	
	4.696		.155			6.220		.153		
	4.541		.158			6.067		.134		
	4.383		.313			5.913		.307		
3.	13.620	4.5400		.765		18.200	6.0669		.760	
	5.050		.152			5.902		.148		
	4.898		.166			5.759		.149		
	4.742		.318			5.616		.297		
4.	14.690	4.6967		1.075		17.277	5.7587		1.054	
	4.911		.153			6.201		.152		
	4.418		.157			6.049		.150		
	4.561		.310			5.899		.302		
5.	14.150	4.7167		1.553		18.149	6.0497		1.354	
	72.732	24.2441				89.077	29.6925			

F.B. 1367-14 E.G. 4/64

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No 26280
Notes by E. E. Brooks Time 1:35 - 1:55 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-8 To B.M. 45-7
Date 1 July 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	72.732					69.077				
	4.969	24.2441	.155	1.363		6.139	29.6925	.154	1.359	
	4.814		.154			5.985		.154		Summation of Run
	4.660		.309			5.831		.308		From B.M. 45-8
6.	14.443	4.8143		1.692		17.955	5.9850		1.667	To B.M. 45-7
	4.912		.154			6.278		.158		BM 45-7
	4.758		.157			6.120		.157		Lark Ellen Ave at
	4.601		.311			5.963		.315		Rowland Ave
7.	14.271	4.7570		2.003	98°	18.311	6.1303		1.982	See F.B. 1367-13
	101.446					125.393				
		33.8154					41.7978			

Total Backsights = - 33.8154
Total Foresights = - 41.7978
Diff. Elev. = - 7.9824

Backsight Stadia = 2.003
Foresight Stadia = 1.982
Total Stadia = 3.985
= 0.25 mi.

F.B. 2.898 Pg. 182

76P525-CE 579 10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 10:20 - 10:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 45-8 To BM 45-9
Date 28 June 1963
Indexed C. J. Gail

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.835		.158			4.938		.151		BM 45-8
	6.677		.160			4.787		.155		Lark Ellen Ave. and
	6.517		.318			4.632		.306		Puente Ave
	20.029	6.6763		.318	78°	14.357	4.7857		.306	See F.B. 1367-14
2	6.461		.163			5.099		.160		
	6.298		.164			4.939		.162		T. Kapp
	6.134		.327			4.777		.322		
	18.893	6.2977		.645		14.815	4.9383		.628	
3	6.470		.161			5.770		.154		
	6.309		.160			5.616		.157		
	6.149		.321			5.459		.311		
	18.928	6.3093		.966		16.845	5.6150		.939	
4	6.597		.160			5.147		.161		
	6.437		.158			4.981		.160		
	6.279		.318			4.821		.321		
	19.313	6.4377		1.284		14.944	4.9813		1.210	
5	6.355		.165			4.863		.154		
	6.190		.161			4.709		.158		
	6.029		.326			4.551		.312		
	18.574	6.1913		1.610		14.123	4.7077		1.592	
	95.737	31.9123				75.084	25.0280			

F.B. 2892 P.G. 183

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. 26280
Notes by F. E. Brooks Time 10:20 – 10:50 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 45-8 To BM 45-9
Date 28 June 1967
Indexed C. J. GALLE

Number of Station	BACKSIGHT Thread Readings 95.737	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 75.084	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.813	31.9123	.155	1.610		3.742	25.0280	.167	1.592	
	6.658		.157			3.580		.165		Summation of Run
	6.501		.312			3.415		.332		From B.M. 45-8
	19.972	6.6573		1.922		10.742	3.5807		1.904	To B.M. 45-9
7	5.604		.159			5.552		.154		
	5.448		.160			5.398		.156		Total Backsights = + 61.6250'
	5.288		.319			5.242		.310		Total Foresights = − 49.7297'
	16.343	5.4477		2.241		16.192	5.3973		2.214	Diff. Elev. = + 11.8953'
8	6.050		.161			4.970		.160		
	5.889		.160			4.810		.160		Backsight Stadia = 3.071
	5.729		.321			4.650		.320		Foresight Stadia = 3.057
	17.668	5.8893		2.562		14.430	4.8100		2.534	Total Stadia = 6.128
9	6.150		.162			5.344		.156		= .39 mi.
	5.988		.166			5.188		.159		
	5.822		.328			5.029		.315		
	19.960	5.9867		2.890		15.561	5.1870		2.849	
10	5.822		.090			5.830		.102		BM 45-9
	5.732		.091			5.728		.106		Lark Ellen Ave at San
	5.641		.181			5.622		.208		Bernardino Rd.
	17.195	5.7317		3.071	78°	17.180	5.7267		3.057	See FB 1367-15
	184.875	61.6250				149.189	49.7297			

F.B. 2872 P.G. 184

75F526-CE 373—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. 25280
Notes by F. E. Brooks Time 1:00 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 45-7 To BM 45-8
Date 1 July 1963
Indexed C. J. GAIN

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	S. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.587		.094			5.599		.099		BM 45-7
	5.493		.092			5.500		.101		Lark Ellen Ave at San
	5.401		.186			5.401		.200		Bernardino Rd.
1.	16.481	5.4937		.186	92°	11.500	5.5000		.200	See F.B. 1367-45
	5.030		.157			5.838		.165		
	4.873		.158			5.673		.166		⊼ Bustrum
	4.715		.315			5.507		.331		
2.	14.118	4.8727		.501		17.018	5.6727		.531	
	4.789		.162			5.869		.163		
	4.627		.162			5.705		.160		
	4.465		.324			5.545		.323		
3.	13.881	4.6270		.825		17.118	5.7060		.854	
	5.170		.147			5.237		.165		
	5.023		.146			5.072		.163		
	4.877		.293			4.909		.328		
4.	15.070	5.0233		1.118		15.218	5.0727		1.122	
	3.418		.168			6.483		.154		
	3.250		.165			6.329		.156		
	3.085		.333			6.173		.310		
5.	9.753	3.2510		1.451		18.985	6.3283		1.492	
	69.803	23.2677				84.839	28.2797			

F.B. 2892 PG. 185

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. 26280
Notes by C. F. Brooks Time 1:00 - 1:35 Rod No. 19-20

L.A. Co. Precise Level No.
Name
Job No. 0301.02
From BM 45-9 To BM 45-8
Date July 1917
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	69.807					64.839			
6	4.955	23.2677	.165	1.451		6.424	28.2137	.154	1.492
	4.790		.165			6.273		.152	
	4.625		.330			6.121		.306	
	14.370	4.7900		1.481		18.821	6.2737		1.798
7	4.838		.163			6.292		.159	
	4.675		.162			6.133		.160	
	4.513		.325			5.973		.319	
	14.026	4.6753		2.106		18.398	6.1327		2.117
8	5.445		.156			6.143		.160	
	5.289		.156			5.983		.162	
	5.133		.312			5.821		.322	
	15.867	5.2890		2.418		17.947	5.9823		2.439
9	4.665		.162			6.029		.164	
	4.503		.160			5.865		.163	
	4.313		.322			5.702		.327	
	13.511	4.5037		2.740		17.596	5.8653		2.766
10	4.672		.151			6.520		.159	
	4.521		.154			6.411		.161	
	4.367		.305			6.250		.320	
	13.560	4.5200		3.045	940	19.231	6.4103		3.086
	141.139	47.0457				176.832	58.9440		

F.B. 2.89 Reg. 186

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 45-9
To B.M. 45-8

Total Backsights = + 47.0457
Total Foresights = − 58.9440
Diff. Elev. = −11.8983

Backsight stadia = 3.045
Foresight Stadia = 3.086
Total Stadia = 6.131
= 0.39 mi.

BM 45-8
Lark Ellen Ave at Puente Ave
See F.B. 1317-14

76P529-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 R. E. Brooks Weather CLEAR Inst. No. 26280
Notes by C. G. VALDEZ Time 10:50 - 11:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-9 To BM 39-6
Date JUNE 28, 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.148		176			7.207		157		BM 45-9
	5.972		172			7.050		157		Lark Ellen Ave and San
	5.800		348			6.893		314		Bernardino Rd.
1.	17.920	5.9733		.348		21.150	7.0500		.314	See F.B. 1367-15
	4.879		157			5.679		170		
	4.722		153			5.509		170		
	4.569		310			5.339		340		
2.	14.170	4.7233		.658		16.527	5.5090		.654	T. - KAPP K.
	4.710		158			5.538		158		
	4.552		156			5.380		160		
	4.396		314			5.220		318		
3.	13.658	4.5527		.972		16.138	5.3793		.972	
	5.392		149			5.537		140		
	5.243		151			5.397		139		
	5.092		300			5.258		279		
4.	15.727	5.2423		1.272		16.192	5.3973		1.251	
	6.038		160			4.130		160		
	5.878		160			3.970		160		
	5.718		320			3.810		320		
5.	17.634	5.8780		1.592		11.910	3.9700		1.571	
	79.109	26.3696				81.917	27.3056			

F.B. 2892 P.G. 187

PLEASE RETURN TO
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ALL ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 26280
Notes by C. G. VALDEZ Time 10:50 - 11:40 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-9 To B.M. 39-2
Date JUNE 28, 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8202		160	1592		3712		139	1571	
	8042		160			3673		140		
	7882		320			3433		279		
6.	24126	80420		1912		10718	35727		1850	
	6820		118			5956		136		
	6702		117			5820		136		
	6585		235			5684		272		
7.	20107	67023		2147		17460	58200		2122	
	4282		150			4589		158		
	4132		153			4481		155		
	3979		303			4276		313		
8.	12393	41310		2450		13296	44320		2435	
	5917		156			4241		156		
	5761		152			4085		156		
	5609		308			3929		312		
9	17287	57623		2758		12255	40850		2747	
	5516		52			4711		53		
	5464		52			4658		55		
	5412		104			4603		108		
10	16392	54640		2862		13972	46573		2855	
	169414	564712				149618	498726			

F.B. 2892 S.G. 188

59-2
F.B. 1360-8

76P526-CE 379--10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by C.G. Valdez Time 10:50 - 11:40 Rod No. 19820

Name LA. Co. Precise Level Net
Job No. 0301.02
From B.M. 25-9 To B.M. 39-2
Date JUNE 28, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2812		151	2862		6422		152	2855	
	2661		151			6270		152		Summation of Run
	2510		302			6118		304		From B.M. 25-9
11	7.983	2.6610		3.164		18.810	6.2700		3.159	To B.M. 39-2
	9920		150			4.430		153		
	9770		149			4.277		157		Total Backsights = + 81.6512
	9621		299			4.120		310		Total Foresights = − 70.1769
12	29.311	9.7703		3.163		12.827	4.2757		3.169	Diff. Elev. = + 11.4743
	5.920		147			5.291		151		
	5.773		144			5.140		153		Backsight stadia = 4.065
	5.629		291			4.987		304		Foresight Stadia = 4.074
13	17.322	5.7740		3.754		15.418	5.1393		3.773	Total Stadia = 8.139 = 0.5 MILES
	7.130		155			4.770		151		
	6975		156			4.619		150		
	6819		311			4.469		301		
14	20.924	6.9747		4.065	82°	13.858	4.6193		4.074	B.M. 39-2
										LARK ELLEN & CYPRESS ST.
										SEE F.B. 1360-8
	21.1954	81.6512				21.0531	70.1769			

F.B. 2812 P.G. 15

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 11:10 - 11:50
Inst. No. 21280
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301-02
From B.M. 39-E To B.M. LC-5
Date 15 July 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.920		.152			7.215		.157		BM 39-E
	4.768		.154			7.125		.155		Lark Ellen Ave at
	4.614		.306			6.970		.308		Cypress St.
1	14.302	4.7673		.306	84°	21.310	7.1243		.308	See P.B. 1310-B
	5.342		.153			6.970		.149		
	5.189		.155			5.821		.146		A Kapp
	5.034		.308			5.675		.295		
2	15.565	5.1883		.614		17.466	5.8220		.603	
	4.419		.154			9.909		.149		
	4.264		.154			9.759		.149		
	4.110		.308			9.610		.298		
3	12.792	4.2640		.922		29.277	9.7590		.901	
	6.500		.153			2.869		.150		
	6.347		.157			2.719		.150		
	6.190		.310			2.569		.300		
4	19.037	6.3457		1.232		8.217	2.7390		1.201	
	5.121		.052			5.928		.053		
	5.069		.056			5.875		.053		
	5.014		.107			5.822		.106		
5	15.204	5.0680		1.339		17.625	5.8750		1.360	
	76.900	25.6333				93.958	31.3193			

FB 1692 P.G. 190

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. 26280
Notes by F. E. Brooks Time 11:10 - 11:50 Rod No. 19220

Name C.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 39-2 To B.M. LS-9
Date 10/11 1957
Indexed C. J. GATTI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	76.900					93.958				
	4.246	25.6333	.155	1.339		5.916	31.3193	.156	1.307	
	4.068		.159			5.762		.153		
	3.949		.317			5.609		.309		
6	12.263	4.0841		1.656		17.259	5.7630		1.616	
	4.716		.148			4.429		.161		
	4.568		.149			4.213		.161		
	4.419		.297			4.107		.322		
7	13.703	4.5677		1.453		12.804	4.2680		1.938	
	6.549		.140			7.420		.130		
	6.409		.140			7.290		.130		
	6.269		.280			7.160		.260		
8	19.227	6.4090		2.233		21.870	7.2900		2.198	
	3.660		.145			9.139		.156		
	3.515		.146			7.986		.153		
	3.369		.291			7.833		.309		
9	10.544	3.5147		1.524		23.997	7.9990		2.507	
	4.156		.153			6.065		.160		
	3.998		.159			5.905		.160		
	3.839		.312			5.745		.320		
10	11.993	3.9977		2.841		17.715	5.9050		1.827	
	144.630	48.2101				187.585	62.5283			

F.B. 2882 P.G. 12

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 Clear Inst. No. 26280
Notes by F. E. Brooks Time 11:10 - 11:50 Rod No. 19420

Name L.A. Co. Precise Level Net
Job No. 030.02
From B.M. 39-2 To B.M. 45-9
Date July 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	144.630					167.585			
	5.526	48.2101	.142	2.841		5.381	62.5283	.150	2.827
	5.384		.141			5.231		.150	
	5.243		.283			5.081		.300	
11	16.153	5.3847		3.124		15.697	5.2310		3.127
	5.880		.163			5.042		.153	
	5.717		.162			4.889		.153	
	5.555		.325			4.736		.306	
12	17.152	5.7173		3.449		14.667	4.8890		3.433
	5.560		.170			4.761		.153	
	5.390		.170			4.608		.157	
	5.220		.340			4.451		.310	
13	16.170	5.3900		3.789		13.820	4.6067		3.743
	7.150		.155			6.092		.174	
	6.995		.155			5.918		.175	
	6.840		.310			5.743		.349	
14	20.985	6.9950		4.099	84°	17.753	5.9177		4.092
	215.090					249.518			
		71.6967					83.1727		

F.B. 2.8926 G. 192

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 39-2
To B.M. 45-9

Total Backsights = + 71.6967
Total Foresights = − 83.1727
Diff. Elev. = −11.4760

Backsight stadia = 4.099
Foresight Stadia = 4.092
Total Stadia = 8.191
= 0.52 mi.

BM 45-9
Lark Ellen Ave at San Bernardino Cd.
See F.B. 1367-15

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 11:45 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 39-2 To BM 45-10
Date 28 June 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.955 5.798 5.640 17.393	5.7977	.157 .158 .315	.315	84°	4.758 [illegible] 4.45[illegible] [illegible]	[illegible]	.156 .152 [illegible]	[illegible]	BM 39-2 Park Ellen Ave at Cypress Ave See F.B. 1360-8
2	5.511 5.358 5.201 16.070	5.3567	.153 .157 .310	.625		4.921 4.779 4.636 14.336	4.7787	.142 .143 .285	.593	T Kapp
3	5.290 5.125 4.960 15.375	5.1250	.165 .165 .330	.955		4.963 4.809 4.651 14.423	4.8077	.154 .158 .312	.905	
4	5.303 5.154 5.009 15.466	5.1553	.149 .145 .294	1.249		5.002 4.846 4.688 14.536	4.8453	.156 .158 .314	1.219	
5	5.390 5.226 5.060 15.676	5.2253	.164 .166 .330	1.579		4.036 3.871 3.709 11.616	3.8720	.165 .162 .327	1.546	
	79.980	26.6600				68.721	22.9070			

F.B. 2892 P.G. 123

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 11:45-1120 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 39-2 To BM 45-10
Date 28 June 1962
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings 79.980	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 68.721	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5.808	21.2600	.160	1.579		4.336	22.9070	.156	1.546	1 hr for lunch
	5.648		.159			4.180		.152		
	5.489		.314			4.028		.308		
	11.945	5.6483		1.898	84°	12.544	4.1813		1.354	
7	6.050		.148			4.752		.163		Summation of Run
	5.902		.144			4.589		.167		From B.M. 39-2
	5.758		.292			4.422		.330		To B.M. 45-10
	17.710	5.9033		2.190	86°	13.763	4.5877		2.184	
8	5.530		.157			4.520		.155		Total Backsights = + 50.5986
	5.373		.153			4.365		.156		Total Foresights = − 46.6107
	5.220		.310			4.209		.311		Diff. Elev. =
	11.123	5.3743		2.500		13.094	4.3147		2.495	+ 3.9879
9	4.892		.151			5.352		.153		Backsight stadia = 2.924
	4.741		.151			5.199		.156		Foresight Stadia = 2.924
	4.590		.302			5.043		.309		Total Stadia = 5.848
	14.223	4.7410		2.802		15.594	5.1980		2.804	= .37 mi.
10	2.338		.067			5.432		.060		BM 45-10
	2.271		.065			5.372		.060		Park Ellen Ave at Moseline
	2.201		.120			5.312		.120		1st.
	6.815	2.2717		2.924	86°	16.116	5.3726		2.924	See F.B. 1367-16
	151.796	50.5986				139.832	46.6107			

F.B. 2892 P.G. 194

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 10280
Notes by F. E. Brooks Time 10:25 - 11:05 Rod No. D-20

L.A. Co. Precise Level Net
Name
Job No. 6701.02
From BM 45-10 To BM 39-2
Date July 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.630		.075			2.529		.067		BM 45-10
	5.565		.065			2.461		.065		Lark Ellen Ave at Mission St.
	5.500		.130			2.396		.132		
	11.695	5.5650		.130	86°	7.385	2.4617		.132	See F.B. 1367-16
1	5.438		.167			4.976		.151		
	5.291		.153			4.825		.151		π Kopp
	5.128		.310			4.674		.302		
	15.847	5.2943		.440		14.475	4.8250		.434	
3	6.015		.157			6.021		.153		
	4.858		.158			5.912		.157		
	4.700		.315			5.711		.310		
	14.573	4.8577		.555		17.600	5.8667		.777	
4	6.490		.157			7.108		.158		
	5.633		.153			6.950		.159		
	5.480		.310			6.791		.317		
	16.903	5.6343		1.065		20.849	6.9497		1.061	
5	5.169		.158			6.632		.155		
	5.010		.154			6.477		.159		
	4.856		.312			6.318		.314		
	15.034	5.0113		1.377		19.427	6.4757		1.375	
	79.052	26.3506				79.736	26.5788			

F.B. 2312 P.G. 125

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party S. E. Brooks / F. E. Brooks — Weather Clear — Inst. No. 26280
Notes by ..... Time 10:35 - 11:05 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 03 at 02
From BM 45-10 To BM 39-2
Date July 1963
Indexed C. J. GAIN

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	29.052					29.236				
6	4.150	26.3506	.164	1.377		5.505	26.5708	.165	1.375	
	3.986		.165			5.340		.166		
	3.821		.329			5.174		.331		
	11.957	3.9857		1.706		16.019	5.3397		1.706	
7	5.667		.147			5.990		.161		Summation of Run
	5.520		.148			5.829		.159		From B.M. 45-10
	5.372		.295			5.670		.320		To B.M. 39-2
	16.559	5.5197		2.001		17.489	5.8297		2.026	
8	5.628		.159			5.950		.162		Total Backsights = + 51.8863
	5.469		.157			5.788		.160		Total Foresights = 55.8679
	5.312		.316			5.628		.322		Diff. Elev. = - 3.9816
	16.409	5.4697		2.317		17.366	5.7887		2.348	
9	5.569		.144			6.158		.156		Backsight stadia = 2.934
	5.425		.143			6.002		.156		Foresight Stadia = 2.958
	5.282		.287			5.846		.312		Total Stadia = 5.892
	16.276	5.4253		2.604		18.006	6.0020		2.660	= 0.37 mi.
10	5.300		.164			6.478		.149		BM 39-2
	5.136		.166			6.329		.149		Lack Ellen Ave at Cypress
	4.970		.330			6.180		.298		Ave.
	15.406	5.1353		2.934	84°	18.987	6.3290		2.958	See F.B. 1360-8
	135.659	51.8863				167.603	55.8679			

KB 2892 PG 196

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather CLEAR Inst. No. 26280
Notes by C.G. VALDEZ Time 1:10 — 1:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-10 To. BM 45-11
Date JUNE 28, 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7150		153		19	6278		155		BM 45-10
	7297		156			6123		153		Lark Ellen Ave at Nagline St.
	7141		309			5970		308		
1	21888	7.2960		.309	86°	18.371	6.1237		.308	See F.B. 1367-16
	4990		170			4359		167		
	4820		169			4192		163		
	4651		339			4029		330		
2	14.461	4.8203		.638		12.580	4.1933		.638	
	6139		155			5511		153		⊼ KAPP K.
	5984		153			5358		157		
	5831		308			5201		310		
3	17.951	5.9847		.956		16.070	5.3567		.948	
	6109		161			5655		157		
	5948		161			5498		158		
	5784		325			5340		315		
4	17.841	5.9470		1.281		16.093	5.4977		1.263	
	5911		150			5562		147		
	5761		149			5415		146		
	5615		299			5269		293		
5	17.293	5.7643		1.580		16.246	5.4153		1.556	
	89437	298123				79760	265867			

F.B. 2312 P.G. 42

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather CLEAR — Inst. No. 26280
Notes by C.G. VALDEZ — Time 1110 - 1155 — Rod No. 19420

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 45-10 To B.M. 45-11
Date JUNE 28, 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5925		150	1080		5518		166	1556	
	5789		150			5352		162		Summation of Run
	5639		300			5190		328		From B.M. 45-10
6	17361	5.7890		1880		16060	5.3533		1884	To B.M. 45-11
	6049		159			5649		156		
	5890		156			5493		153		Total Backsights = + 597379
	5735		314			5340		309		Total Foresights = − 533356
7	17674	5.8913		2194		16482	5.4940		2193	Diff. Elev. = + 64023
	6028		160			5650		160		
	5868		160			5490		160		Backsight stadia = 5235
	5708		320			5330		320		Foresight Stadia = 5244
8	17604	5.8680		2514		16470	5.4900		2513	Total Stadia = 10479 = 0.41 MILES
	6132		146			5399		159		
	5986		148			5240		158		1010 LIMITS.
	5838		294			5082		317		
9	17056	5.6853		2808		15721	5.2403		2830	
	6605		214			5395		209		
	6391		211			5170		205		B.M. 45-11
	6180		425			4965		414		LARK ELLEN & ARROW HWY.
10	19176	6.3920		3233	86°	15514	5.1713		3244	SEE F.B. 1367-16 FOR DESC.
	119214	597379				160007	533356			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brook Weather CLEAR Inst. No. 26280
Notes by F. Brooks Time 10:05 - 10:35 Rod No. 20 & 19

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 45-11 To B.M 45-10
Date 1 July 1963
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.728		.211			6.143		.206		B.M. 45-11
	5.017		.214			5.937		.209		LARKELLEN & ARROW HWY.
	4.803		425			5.728		415		SEE F.B. 1367-16 FOR DESC.
1	15.548	5.1160		.425	78°	17.808	5.9360		.415	
	5.410		.158			6.141		.149		T Kapp
	5.252		.158			5.996		.149		
	5.094		.316			5.847		.298		
2	15.756	5.2520		.741		17.984	5.9947		.713	
	5.754		.161			6.130		.160		
	5.593		.161			5.970		.160		
	5.432		.322			5.810		.320		
3	16.779	5.5930		1.063		17.910	5.9700		1.033	
	5.589		.154			5.958		.158		
	5.435		.156			5.830		.157		
	5.278		.310			5.673		.315		
4	16.302	5.4340		1.373		17.491	5.8303		1.346	
	5.490		.162			5.913		.150		
	5.328		.161			5.763		.150		
	5.167		.323			5.613		.300		
5	15.985	5.3283		1.696		17.289	5.7630		1.648	
	79.940	26.6233				89.392	29.7973			

F.B. 1392 P.G. 12

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 10:05 - 10:35 Rod No. 19420

Name L.A. Co. Precise Level Net
Job No. 0301.06
From B.M. 45-4 To B.M. 45-10
Date July 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings 39.870	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 59.392	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.620	26.6233	.150	1.696		5.919	27.7973	.149	1.648	
	5.470		.150			5.820		.150		Summation of Run
	5.322		.300			5.670		.299		From B.M.
6	16.412	5.4707		1.996		17.459	5.8197		1.947	To B.M. 45-
	5.634		.145			6.110		.173		
	5.489		.148			5.937		.175		Total Backsights = + 53.3303
	5.341		.293			5.762		.348		Total Foresights = − 59.7303
7	16.464	5.4880		2.289		17.809	5.9363		2.295	Diff. Elev. = −6.4000
	5.560		.156			6.182		.152		
	5.404		.155			6.030		.152		
	5.249		.311			5.878		.304		Backsight stadia = 3.229
8	16.213	5.4043		2.600		18.090	6.0300		2.599	Foresight Stadia = 3.230
	4.949		.164			5.579		.163		Total Stadia = 6.459
	4.785		.163			5.416		.164		= 0.41 mi.
	4.623		.326			5.252		.327		
9	14.357	4.7857		2.926		16.247	5.4157		2.926	
	5.710		.152			6.884		.154		B.M. 45-10
	5.558		.151			6.730		.150		LARKELLEN AVE & MASLINE ST.
10	5.407		.303			6.580		.304		SEE F.B. 1367-16 FOR DESC.
	16.675	5.5583		3.229	86°	20.194	6.7313		3.230	
	159.991	53.3303				199.191	59.7303			

F.B. 2892 P.G. 200

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. 26280
Notes by F. E. Brooks Time 2:00 – 2:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 45-11 To BM 11-25A
Date 28 June 1963
Indexed C. J. GALT

Number of Station	BACKSIGHT Thread 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	4.997 4.730 4.565		.167 .165 .332		86°	5.430 5.277 5.123		.153 .154 .307		BM 45-11 Lark Ellen Ave at Arrow Hwy See F.B. 1367-16
	14.192	4.7307		.332		15.830	5.2767		.307	
2	5.325 5.187 5.050		.138 .137 .275			5.141 5.007 4.871		.134 .136 .270		T Bustrum
	15.562	5.1873		.607		15.019	5.0063		.577	
3	5.729 5.575 5.420		.154 .155 .309			4.739 4.582 4.427		.156 .155 .311		
	16.724	5.5747		.916		13.744	4.5823		.899	
4	5.945 5.783 5.620		.162 .163 .325			4.795 4.633 4.457		.162 .166 .328		
	17.348	5.7827		1.241		13.865	4.6217		1.216	
5	5.931 5.780 5.628		.151 .152 .303			4.708 4.545 4.384		.163 .163 .326		
	17.339	5.7797		1.544		13.635	4.5450		1.542	
	81.165	27.0557				72.096	24.0320			

F.B. 1572 P.G. 20

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Clear Inst. No. 26220
Notes by F. E. Brooks Time 2:00 - 2:40 Rod No. 19 20

L.A. Co. Precise Level Hist
Name
Job No. 0-301.02
From BM 45-11 To BM 45-11A
Date 28 June 1963
Indexed J. Cain

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	D. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	81.145					92.092				
6	6.193	27.0557	.160	1.545		2.680	24.0320	.160	1.592	
	5.983		.163			2.520		.160		
	6.820		.322	1.868	1	3.360		.320		
	17.946	5.9820				10.560	3.5200		1.912	
7	8.308		.163			2.630		.160		
	8.145		.162			2.470		.160		
	7.983		.325			2.310		.320		
	24.436	8.1453		2.193	2	7.410	2.4700		2.192	
8	6.320		.159			5.503		.158		
	6.161		.158			5.425		.159		
	6.003		.317	2.510	09	5.264		.316	1.498	
	18.484	6.1613				16.292	5.4250			
9	6.027		.152			5.410		.155		
	4.945		.150			5.265		.155		
	4.795		.302	2.812	1	5.100		.310	2.808	
	14.837	4.9457				15.965	5.3550			
10	7.128		.157			4.321		.112		
	6.970		.155			4.209		.164		
	6.815		.312	3.125	4	4.045		.276	3.134	
	20.913	6.9710				12.575	4.2083			
	119.781	59.2604				134.931	44.9103			

EB 22812 DG 2102

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 2280
Notes by F. E. Brooks Time 9:25 - 10:05 Rod No. 9-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-95A To BM 45-11
Date July 1963
Indexed E. J. GATES

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4239		.141			4.209		.151		BM 11-95A
1	4.098		.141			4.058		.148		Lark Ellen Ave. at
	3.957		.282			3.908		.299		Gladstone St.
	12.294	4.1980		.282	74°	12.168	4.0510		.299	See F.B. 2890-27
	3.870		.132			4.143		.126		
2	3.698		.135			4.015		.127		J. Kapp
	3.553		.267			3.861		.257		
	11.021	3.6970		.549		12.944	4.3147		.356	
	3.523		.153			4.370		.153		
3	3.370		.157			4.217		.159		
	3.213		.310			4.070		.310		
	10.106	3.3695		.859		12.657	4.2157		.366	
	3.939		.146			4.689		.156		
4	3.793		.163			4.533		.154		
	3.402		.329			4.379		.310		
	11.316	3.7720		1.188		13.601	4.5337		1.176	
	5.057		.156			4.741		.151		
5	4.901		.152			4.590		.152		
	4.749		.308			4.438		.303		
	14.707	4.9023		1.496		13.769	4.5897		1.479	
	57.484	19.2280				69.129	23.7098			

F.B. 2592 PG. 204

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 9:25-10:05
Inst. No. 26280
Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-25A To BM 45-11
Date July 1963
Indexed J. GALLI

Number of Station	BACKSIGHT Thread Readings 124.419	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 187.885	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	4.671	41.4730	.154	3.088		5.663	62.6285	.153	3.092	
	4.517		.157			5.510		.155		
	4.360		.311			5.355		.308		
	13.548	4.5160		3.399		16.528	5.5093		3.400	
12	5.043		.134			5.227		.137		
	4.909		.138			5.090		.137		
	4.771		.272			4.953		.274		
	14.723	4.9077		3.671		15.270	5.0900		3.674	
13	5.240		.153			4.700		.162		BM 45-11
	5.087		.157			4.538		.163		Lark Ellen Ave at Arrow
	4.930		.310			4.375		.325		Hwy
	15.257	5.0857		3.981	78°	13.613	4.5377		3.999	See F.B. 1367-16
										Total Backsights = + 55.9824
										Total Foresights = − 77.7655
										Diff. Elev. = − 21.7831
										Backsight stadia = 3.981
										Foresight Stadia = 3.999
										Total Stadia = 7.980
										= 0.50 mi.
	167.947					233.296				
		55.9824					77.7655			

Summation of Run
From B.M. 11-25A
To B.M. 45-11

F.B. 2892 P.G. 206

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. 26280
Notes by C. G. VALDEZ Time 2:55 - 3:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-25A To BM 11-25A
Date JUNE 28, 1963
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.372		157		19	5.089		151		BM 11-25A
	6215		155			4935		153		Lark Ellen Ave at Gladstone St.
	6.060		312			4.782		307		
1.	18.647	6.2157		.312	84°	14.806	4.9353		.307	See F.B. 2880-25
	5662		151			4.815		151		
	5508		157			4.661		152		T Eastrum
	5351		311			4.509		306		
2.	16.521	5.5070		.623		13.985	4.6617		.613	
	5840		177			4840		153		
	5663		173			4687		151		
	5490		350			4533		307		
3.	16.993	5.6643		.973		14.060	4.6867		.920	
	5128		148			4741		180		
	4980		147			4561		178		
	4833		295			4383		358		
4.	14.941	4.9803		.1268		13.685	4.5617		.1278	
	5933		163			5110		162		
	5770		163			4948		161		
	5607		326			4787		323		
5.	17.310	5.7700		1.591		14.845	4.9483		1601	
	84.412	28.1373 ✓				71.381	23.7937 ✓			

F.B. 2880 P.G. 207

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. 26280
Notes by C. G. VALDEZ Time 2:55 - 330 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-25A To B.M. 11-26A
Date JUNE 28, 1963
Indexed [illegible] GALLI

Number of Station	BACKSIGHT Thread Readings 99.412	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings 71.381	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5597	28.1373	157	1594		4945	23.7937	164	1601	
	5440		155			4781		166		
	5285		312			4615		330		
6	16322	54407		1906		14341	47803		1931	
	6600		167			2433		164		
	6433		165			2269		166		
	6268		332			2103		330		
7	19301	6.4337		2.238		6805	2.2683		2.261	
	6413		180			6765		165		
	6233		178			6600		167		
	6055		358			6433		332		
8	18701	6.2337		2596		19798	6.5993		2593	
	5075		185			5195		165		
	4890		185			5030		165		
	4705		370			4865		330		
9	14670	4.8900		2.966		15090	5.0300		2923	
	5828		151			4625		172		
	5677		152			4453		173		
	5525		303			4280		345		
10	17030	5.6767		3269		13358	4.4527		3.268	
	170.436	56.8121				140.773	46.9243			

BS 28/2 RD G 208

76P528-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather CLEAR Inst. No. 26280
Notes by C. G. VALDEZ Time 2:55 – 3:30 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 11-25A To B.M. 11-26A
Date JUNE 28, 1963
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	170.456					140.773				
	6.025	56.8121	192	3.269		4263	16.7243	191	3.268	
	5833		193			4069		196		
	5610		385			3873		390		
11	17.458	5.8327		3.654		12.205	4.0683		3.658	
	6297		150			5077		160		B.M 11-26A
	6147		150			4917		160		GLADSTONE & AZUSA
	5997		300			4757		320		SEE F.B. 1367-27 FOR DESC.
12.	18.146	6.1470		3.954	81°	14.751	4.9170		3.978	

Summation of Run
From B.M. 11-25A
To B.M. 11-26A

Total Backsights = + 68.7918
Total Foresights = − 55.9096
Diff. Elev. = +12.8822

F.B. 1376-27 P.G. 22

Backsight stadia = 3.954
Foresight Stadia = 3.978
Total Stadia = 7.932
= 0.50 mi.

206.375 167.729

68.7918 55.9096

11-26A 1376-27

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 8:45 - 9:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-26A To BM 11-25A
Date 1 July 1963
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.375		.162			6.590		.149		BM 11-26A
	5.213		.160			6.441		.151		Gladstone St. at Azusa
	5.053		.322			6.290		.300		Ave.
	15.641	5.2137		.322	72°	19.321	6.4403		.300	see F.B. 1317-27
2	4.588		.196			6.354		.195		
	4.392		.193			6.159		.196		π Kapp
	4.199		.389			5.963		.391		
	13.179	4.3930		.711		18.476	6.1587		.691	
3	5.068		.166			6.290		.161		
	4.902		.162			6.129		.161		
	4.740		.328			5.968		.322		
	14.710	4.9033		1.039		18.387	6.1290		1.013	
4	5.538		.168			5.412		.182		
	5.370		.169			5.230		.181		
	5.201		.337			5.049		.363		
	16.109	5.3697		1.376		15.691	5.2303		1.376	
5	6.988		.174			6.620		.171		
	6.814		.174			6.449		.172		
	6.640		.348			6.277		.343		
	20.442	6.8140		1.724		19.346	6.4487		1.719	
	80.081	26.6937				91.221	30.4070			

F.B. 2892 P.G. 210

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 26280
Notes by F. E. Brooks Time 9:45 - 9:25 Rod No. 19-20

Name L.A.C. Precise Level Net
Job No. [illegible]
From BM [illegible] To BM [illegible] 25A
Date [illegible] 1963
Indexed [illegible]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	80.081					91.221				
	5.942	26.6937	.164	1641.724		7.069	30.4070	.166	1719	
	2.678		.166			6.841		.166		
6	2.512		.330			6.615		.332		
	5.032	2.6473		2.054		10.523	6.8410		2.051	
	5.340		.165			6.025		.155		
	5.205		.165			5.866		.159		
7	5.040		.330			5.909		.314		
	15.615	5.1050		2.054		17.800	5.8664		2.315	
	5.439		.160			6.260		.162		
	5.279		.161			6.098		.163		
9	5.118		.321			5.935		.325		
	15.836	5.2787		2.705		18.293	6.0977		1.693	
	5.175		.159			6.591		.161		
	5.011		.163			6.430		.160		
9	4.848		.330			6.271		.321		
	15.034	5.0123		3.035		19.291	6.4303		3.011	
	5.277		.153			6.270		.173		
	5.120		.150			6.097		.177		
10	4.976		.303			5.920		.350		
	15.363	5.1210		3.338		18.287	6.0957		3.361	
	149.964	49.9880				182.215	60.7384			

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

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Bro[illegible] Weather Clear Inst. No. 26280
Notes by [illegible] Time 8:45 - 9:25 Rod No. [illegible]

L.A. Co. Precise Level Net
Name
Job No. [illegible]
From B[illegible] To BM 11-25A
Date July 1963
Indexed E. J. [illegible]

2892

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	149.964					18[illegible]5				
	5.107	49.98[illegible]	.154	3.338		[illegible]55	60.7384	.157	3.[illegible]1	
	4.953		.152			5.[illegible]98		.158		
11	4.801		.306			5.[illegible]0		.315		
	14.861	[illegible]537		3.64[illegible]		[illegible]93	5.7977		3.676	
	5.155		.155			6.440		.1[illegible]		B[illegible]
	5.000		.151			6.281		.1[illegible]		Gladstone St. at Lark
12	4.849		.306			6.121		.319		Ellen Ave
	15.004	5.0013		3.950	74°	18.842	6.2807		3.995	See F.B. 2880-23
										Summation of Run
										From B.M. 11-26A
										To B.M. 11-25A
										Total Backsights = + 59.9430
										Total Foresights = − 72.8168
										Diff. Elev. = −12.8738
										Backsight stadia = 3.950
										Foresight Stadia = 3.995
										Total Stadia = 7.945
	179.829					218.450				= 0.50 mi.
	59.9430	59.9430				728166	72.8168			

F.B. 2892 P.G. 212