Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 2885 PG. 5
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Nov 1962	
Date	Indexed C. J. GALLI DEC 11 '62	

2885

JN 0301.02

L.A. Co. PRECISE LEVEL NET

LINE No 11

Route

See Pg 5 of F.B. 2880

Index

See [illegible] Pg 11 of F.B. 2880

[illegible] description F.B. 1376 - 5 To 116 & pg 254

F.B. 2880 - 5 To 56

3M diff[illegible] F.B. 2880 - 57 To 250

F.B. 2882 - 7 To 248

F.B. 2884 - 7 To 248

F.B. 2885 - 7 To 70

C. [illegible]rd
GG Valdez
VL Huckaby
RR Z[illegible]iguez
[illegible] R[illegible]iguez

FE Brooks
JM Maldonado
AL Gobel
KM Kapp
E Martinez
GE. Coop
J. Goodwin
T. [illegible]
[illegible] Beck

Microfilmed June '85

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

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76F309S CE # 310 3-61

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Smoggy Inst. No. 15066
Notes by F. E. Brooks Time 2:30 - 3:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM# 123A To BM# 124
Date 8 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.932		.167			6.916		.176		BM 11-123A (Corps of Engrs 1955)
	4.770		.166			6.740		.176		Workman Mill Rd at Whittier
	4.604		.333			6.564		.352		Narrows Diversion Channel
	14.311	4.7703		.333	84°	17.220	5.7400		.352	See F.B. 1376 - 110A
2	3.838		.215			7.449		.198		T Martinez
	3.623		.212			7.251		.196		
	3.411		.427	6		7.055		.394		
	10.872	3.6240		.750		21.755	7.2517		.746	
3	3.851		.181			6.369		.169		
	3.670		.181			6.200		.170		
	3.489		.362	2		6.030		.339		
	11.010	3.6700		1.1X2		15.599	5.1997		1.085	
4	3.160		.178			5.163		.204		
	2.982		.179			4.959		.204		
	2.803		.357	7		4.755		.408		
	8.945	2.9817		1.469		14.877	4.9590		1.493	
5	1.554		.173			6.716		.175		
	1.381		.173			6.535		.179		
	1.208		.346	2		6.356		.354		
	4.143	1.3810		1.8X5		19.601	6.5337		1.847	
		16.4270					29.6841			

F.B. 2885 P.G. 7

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Smoggy Inst. No. 15666
Notes by F. E. Brooks Time 2:30 - 3:10 Rod No. 19-20

Name L.A. Co. Precito Level Net
Job No. 0301.02
From BM11-123A To BM11-124
Date 8 Nov. 1962
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	2.412	16.4270	.188	1.845		7.102	29.6841	.191	1.847	
	2.224		.185			6.911		.187		
	2.039		.373			6.724		.378		
	6.675	2.2250		2.188		20.737	6.9123		2.225	
7	2.667	18.6520	.187			6.663	36.5964	.145		
	2.480		.185			6.518		.146		
	2.295		.372			6.372		.291		
	7.442	2.4807		2.580		19.553	6.5177		2.516	
8	2.923	21.1327	.168			7.138	47.1141	.184		
	2.755		.166			6.954		.182		
	2.589		.334			6.772		.366		
	8.267	2.7557		2.824		20.864	6.9547		2.882	
9	2.252	23.8884	.211			7.592	50.0688	.210		
	2.041		.212			7.382		.213		
	1.829		.423			7.169		.423		
	6.122	2.0407		3.387		22.143	7.3810		3.305	
10	2.396	25.9291	.176			6.752	57.4498	.175		
	2.220		.178			6.577		.175		
	2.042		.354			6.402		.350		
	6.658	2.2193		3.681		19.731	6.5770		3.655	
		28.1484					64.0268			

F.E. 8685 P.G. 8

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Chief of Party F. E. Brooks Weather Sm. 1991 Inst. No. 15066
Notes by F. E. Brooks Time 2:30 - 3:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-123A To BM 11-124
Date 8 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	3.607	22.1484	.178	3.628		5.107	64.0228	.171	3.656	
	3.429		.176			4.930		.176		
	3.253		.354			4.754		.357		
	10.289	3.4297		4.085 (3)		14.791	4.9303		4.008	
12	4.821	31.5781	.094			6.269	68.9571	.116		BM 11-124 (El Monte J-10 Aux 3)
	4.724		.096			5.153		.113		Workman Mill Rd at
	4.628		.193			5.040		.229		Pellissier Rd
	14.173	4.7243		4.248 (2)	78	15.462	5.1540		4.237	See F.B. 1376-111
										Summation of Run From B.M. 11-123A To B.M. 11-124
										Total Backsights = + 36.3024 Total Foresights = — 74.1111 Diff. Elev. = -37.8087
										Backsight stadia = 4.248 (2) Foresight Stadia = 4.237 Total Stadia = 8.485 (6) = .54 mi.
		36.3024					74.1111			

F.B. 2695 P.G. 9

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 10:00 - 10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301 02
From BM 11-124 To BM 11-123A
Date 9 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.283		.111			4.840		.100		BM 11-124 (El Monte J-10 Aux 3)
	5.172		.111			4.740		.100		Work man Mill Rd at Pellissier
	5.061		.222			4.640		.200		Rd.
	15.516	5.1720		.222	58°	14.220	4.7400		.200	See F.B. 1356-111
2	6.621		.178			4.120		.177		
	5.443		.176			3.943		.175		T. Cook
	5.267		.354			3.768		.352		
	16.331	5.4437		.576		11.831	3.9437		.552	
3	6.377	10.6157	.179			2.615	8.6837	.176		
	6.198		.178			1.839		.173		
	6.020		.357			1.666		.349		
	18.595	6.1983		.937		5.520	1.8400		.901	
4	7.839	16.8140	.215			2.492	10.5237	.211		
	7.624		.211			2.282		.210		
	7.413		.426			2.072		.421		
	22.876	7.6253		1.359		6.847	2.2823		1.322	
5	7.244	24.4393	.176			2.843	12.8060	.174		
	6.868		.178			2.669		.174		
	6.690		.354			2.495		.348		
	20.602	6.8673		1.713		8.007	1.6690		1.670	
		31.3066					15.4750			

F.B. 2885 P.G. 10

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by F. E. Brooks Time 10:00 - 10:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-124 To BM 11-123A
Date 9 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1.860	31.3066	.150	1.713		2.853	15.4750	.182	1.670	
	1.710		.150			2.671		.180		
	1.560		.300			2.491		.362		
	20.130	6.7100		2.013		8.015	2.6717		2.032	
7	7.063	38.0166	.191			2.531	18.1467	.188		
	6.872		.189			2.343		.185		
	6.683		.380			2.158		.373		
	20.618	6.8727		2.393		7.032	2.3440		2.405	
8	7.128	44.8893	.170			1.817	20.4907	.174		
	6.958		.172			1.643		.172		
	6.786		.342			1.471		.346		
	20.872	6.9543		2.735		4.931	1.6437		2.751	
9	4.782	51.8466	.208			2.772	22.1744	.174		
	4.574		.205			2.598		.177		
	4.369		.413			2.421		.351		
	13.725	4.5750		3.148		7.791	2.5990		3.102	
10	5.620	56.4216	.162			3.720	24.7414	.190		
	5.458		.161			3.530		.190		
	5.297		.323			3.340		.380		
	16.375	5.4583		3.471		10.590	3.5320		3.482	
		61.8799					28.2714			

F.B. 2995 P.G. 11

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Chief of Party F. E. Brooks Weather Hazy Inst. No. 16066
Notes by F. E. Brooks Time 10:00 - 10:40 Rod No. 18-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-124 To BM 11-123
Date 2 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	6.509	6.3799	.191	3.491		3.278	28.2414	2.214	7.482	
	6.317		.193			3.064		.216		
	6.119		.390			2.848		.420		
	18.940	6.3133		3.841		9.190	3.0533		3.902	
12	6.483	6.1932	.184			4.483	31.7347	.156		BM 11-123 A (Top of Engrs Work mon Mill Rd. at Wh. Ave Narrows Diversion Channel See F.B. 1376 - 110A
	6.299		.188			4327		.159		
	6.111		.372			4170		.317		
	18.893	6.2977		4.233	64°	12.980	4.3247		4.215	
		73.4909					35.0814			Summation of Res From B.M. 11-124 To B.M. 11-123 A

F.B. 1885 PG. 124

Total Backsights = 73.4909
Total Foresights = 35.0814
Diff. Elev. = + 37.8095

Backsight stadia = 4.233
Foresight Stadia = 4.215
Total Stadia = 0.448
= .43 mi.

73.4909 35.0814

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Chief of Party E. E. Brooks Weather Smoggy Inst. No. 15066
Notes by K. M. Kapp Time 3:10 - 3:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-124 To BM 11-124A
Date 11-8-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.366		204		19	4.526		200		BM 11-124 (E) Monte I-10 Aux #3
	4.162		205			4.326		198		Workman Mill Rd at
1	3.957		409			4.128		398		Pellissier Rd.
	12.485	4.1617		409	78°	12.980	4.3267		398	See F.B. 1376-111
	5.135		172			4.812		164		Summation of Run
	4.963		173			4.648		167		T Valdez From B.M. 11-124
2	4.790		345			4.481		331		To B.M. 11-124A
	14.888	4.9627		754		13.941	4.6470		729	
	5.926	9.1244	118			4.421	8.9737	120		BM 11-124A
	5.808		119			4.301		118		Workman Mill Rd at Cambray
3	5.689		237			4.183		238		Dr.
	17.423	5.8077		.991	78°	12.905	4.3017		.967	See F.B. 2880-54
		14.9321					13.2754			Total Backsights = 14.9321
										Total Foresights = 13.2754
										Diff. Elev. = +1.6567
										Backsight stadia = .991
										Foresight Stadia = .967
										Total Stadia = 1.958
										= .12 mi.
		14.9321					13.2754			

F.B. 2885 P.G. 17

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Chief of Party R. E. Brooks Weather HAZY Inst. No. 15065
Notes by C.G. VALDEZ Time 9:40 : 10:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-124A To BM 11-124
Date 11-9-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	4.923		116		15	6.427		115		BM 11-124A
	4.807		118			6.312		114		Workman Mill Rd at
	4.689		234			6.198		229		Cambray Dr.
	14.419	4.8063		.234	58°	18.937	6.3123		.229	See F.B. 2080-54
2	4.671		167			4.988		170		[illegible] Cook
	4.504		168			4.813		173		Summation of Run
	4.338		335		20	4.646		343		From B.M. 11-124A
	13.513	4.5043		569	58°	14.451	4.8170		.572	To B.M. 11-124
3	4.642		200			4.481		201		BM 11-124 (E/ Monte Vista Ave)
	4.442		202			4.280		202		Workman Mill Rd at
	4.240		402			4.078		403		Pellissier Rd.
	13.324	4.4413		.97		12.839	4.2797		.975	See F.B. 1376-111
		13.7519					15.4090			

Total Backsights = + 13.7519
Total Foresights = − 15.4090
Diff. Elev. = − 1.6571

Backsight stadia = .97
Foresight Stadia = .975
Total Stadia = 1.946
= 0.12 MILES

F.B. 2085 P.G. 14

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Smoggy Inst. No. 15066
Notes by E. E. Brooks Time 3:30 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02 11-124B
From BM 11-124A To BM (RM 3)
Date 8 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	4.862		.106			5.542		.105		BM 11-124A
	4.756		.108			5.437		.109		Workman Mill Rd at Cambray Dr.
	4.648		.214			5.329		.213		
	14.266	4.7553		.214		16.308	5.4360		.213	See F.B. 2880-54
										BM - RM 3 (El Monte 110 AUX 3 RM 3)
										Workman Mill Rd at
										Cambray Dr.
										See F.B. 2880-54
										T Valdez
										Summation of Run
										From B.M. 11-124A
										To B.M. 11-124B
										Total Backsights = + 47553
										Total Foresights = — 54360
										Diff. Elev. = — 0.6807
										F.B. 2885 P.G. 15
										Backsight stadia = 214
										Foresight Stadia = 213
										Total Stadia = 427 = .03mi.

0029

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Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 9:30 - 9:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6-2840-C2
From BM (RM3) To BM 11-124A
Date Nov. 9-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.435		.069		19	4.753		.066		BM RM3 (F) Monte Sio Ave RM3
	5.366		.069			4.687		.067		Workman Mill Rd at
	5.297		.138			4.620		.133		Cambray Dr.
1.	16.098	5.3660		.138	58°	14.060	4.6867		.133	See F.B. 2880-54
										BM 11-124A
										Workman Mill Rd at
										Cambray Dr.
										See F.B. 2880-54
										Cook
										Summation of Run
										From B.M. (RM#3) 11-124B
										To B.M. 11-124A
										Total Backsights = + 5.3660
										Total Foresights = − 4.6867
										Diff. Elev. = +0.6793
										Backsight stadia = .133
										Foresight Stadia = .138
										Total Stadia = .271
										= .02 mi

F.B. 2880 P.G. 16

WJm

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No 15066
Notes by C.G. VALDEZ Time 2:45 - 3:30 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM (RM 3) 11-248 To BM 11-125
Date 11-9-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.048		166		19	4.615		171		BM ~~RM 3~~ 11-1248 (El Monte JID Aux 3 RM 3)
	5.882		164			4.444		171		Workman Mill Rd at
	5.718		330			4.273		342		Cambray Dr.
1	17.648	5.8827		.330	72°	13.332	4.4440		.342	See F.B. 2880-54
	5.381		174			3.498		180		
	5.207		170			3.318		180		
	5.037		344			3.138		360		
2.	15.625	5.2083		.674		9.954	3.3180		.702	⊼ - MARTINEZ
	3.003		180			7.184		169		
	2.823		180			7.015		168		
	2.643		360			6.847		337		
3	8.469	2.8230		1.034		21.046	7.0153		1.039	
	4.248		178			7.659		173		
	4.070		176			7.486		174		
	3.894		354			7.312		347		
4.	12.212	4.0707		1.388		22.457	7.4857		1.386	
	2.468		176			6.145		176		
	2.292		179			5.969		175		
	2.113		355			5.794		351		
5.	6.873	2.2910		1.743		17.908	5.9693		1.737	
		20.2757					28.2323			

F.B. 2885 P.G. 17

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather HAZY Inst. No. 15066
Notes by C.G. VALDEZ Time 2:45-3:30 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0391-828
From B.M. (R.M. #3) To B.M. 11-125
Date 11-9-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.567	20.2757	169	1.73~~5~~ 43		5.083	28.2323	176	1.737	
	4.398		169			4.907		176		
	4.229		338			4.731		352		
6	13.194	4.3980		2.07~~3~~ 81		14.721	4.9070		2.089	
	4.589		172			5.491		192		
	4.417		173			5.299		196		
	4.244		345			5.103		388		
7	13.250	4.4167		2.4~~18~~ 26		15.893	5.2977		2.477	
	4.433		148			4.661		119		
	4.285		147			4.542		120		
	4.138		295			4.422		239		
8	12.856	4.2853		2.7~~13~~ 21		13.626	4.5417		2.716	
	4.017		155			4.759		165		
	3.862		154			4.594		162		
	3.708		309			4.432		327		
9	11.587	3.8623		3.0~~22~~ 30		13.785	4.5950		3.043	
	3.934		167			4.021		171		
	3.767		166			3.850		170		
	3.601		333			3.680		341		
10	11.302	3.7673		3.3~~35~~ 63		11.551	3.8503		3.384	
		41.0053					51.4240			

F.B. 2885 PG. 18

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by C. G. Valdez Time 245-330 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 2391.028
From B.M. (R.M. 3) To B.M. 11-125
Date 11-9-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.143	41.0053	161	3.395 63		3.075	51.4240	147	3.384	
	5.582		161			2.928		150		
	5.121		322	85		2.778		297		
11	16.146	5.5820		3.677		8.781	2.9270		3.681	
	5.931		127			6.930		145		B.M. 11-125
	5.804		127			6.785		143		Workman Mill Rd. 0.35 mi S.W.
	5.677		254	9		6.642		288		of U.P.R.R. Crossing
12.	17.412	5.8040		3.931	72°	20.357	6.7857		3.969	See F.B. 1376-112
										Summation of Run
										From B.M. (RM #3) 11-124B
										To B.M. 11-125
										Total Backsights = + 52.3913
										Total Foresights = − 61.1367
										Diff. Elev. = − 8.7454
										Backsight stadia = 3.931
										Foresight Stadia = 3.969
										Total Stadia = 7.908
										= 0.50 mi.
		52.3913					61.1367			

F.B. 1885 P.G. 13

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K. M. Kapp Time 9:05 - 9:45 Rod No. 19-20

Name E.A. Co. Precise Level Net
Job No. 0301.02 11-124B
From B.M. 11-125 To B.M. (B.M. #3)
Date 11-13-62
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.256		144		19	6.258		128		BM 11-125
	7.112		143			6.130		126		Work man Mill Rd. 0.35 mi
	6.969		287			6.004		254		S.W. of U.P.R.R. Crossing
1	21.337	7.1123		287	60°	18.392	6.1307		854	See F.B. 1376 - 112
	3.352		149			6.019		161		
	3.203		147			5.858		160		T. Cook
	3.056		296			5.698		321		
2	9.611	3.2037		583		17.575	5.8583		575	
	4.506		174			4.402		162		
	4.332		172			4.250		162		
	4.160		346			4.088		324		
3	12.998	4.3327		429		12.750	4.2500		879	
	4.829		157			4.100		162		
	4.672		154			3.938		162		
	4.518		311			3.776		324		
4	14.019	4.6730		1240		11.814	3.9380		1225	
	4.754		130			4.508		138		
	4.624		129			4.370		140		
	4.495		259			4.230		278		
5	13.873	4.6243		1447		13.108	4.3673		1501	
		23.9460					24.5463			

F.B. 2885 P.G. 20

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K. M. Kapp Time 7:05-9:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301:02 11-1248
From B.M. 11-12.5 To B.M. (R.M. ± 3)
Date 11-13-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.606	23.9460	196	1.499		4.699	24.5463	170	1.501	
	5.410		194			4.529		170		
	5.216		390			4.359		340		
6	16.232	5.4107		1.869		13.587	4.5290		1.841	
	5.431		164			4.935		181		
	5.267		167			4.754		179		
	5.100		331			4.575		360		
7	15.798	5.2660		2.220		14.264	4.7547		2.201	
	6.242		170			2.580		187		
	6.072		170			2.393		183		
	5.902		340			2.210		370		
8	18.216	6.0720		2.560		7.183	2.3943		2.571	
	7.958		175			4.546		177		
	7.783		173			4.369		178		
	7.610		348			4.191		355		
9	23.351	7.7837		2.908		13.106	4.3687		2.926	
	7.350		177			3.317		177		
	7.332		173			3.140		177		
	7.159		350			2.963		354		
10	22.000	7.3333		3.258		9.420	3.1400		3.280	
		55.8117					43.7330			

F.B. 2883 P.G. 21

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K.M. Kapp Time 9:05 - 9:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02 11-124B
From B.M. 11-125 To B.M. (R.M. #3)
Date 11-13-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.630	55.8117	187	3.758		5.502	43.7330	169	3.280	
	3.443		184			5.333		165		
	3.259		371			5.168		334		
11	10.332	3.4440		3.629		16.003	5.3343		3.614	11-124B
	4.924		174			6.324		159		BM ~~RM #3~~ (El Monte Jid Ave. 3 Km
	4.730		176			6.165		155		Workman Mill Rd. at
	4.554		350			6.007		317		Cambrey Dr.
12	14.188	4.7293		3.979	62°	18.496	6.1653		3.931	See F.B. 2880-54.
										Summation of Run From B.M. 11-125 To B.M. (R.M. #3) 11-124B
										Total Backsights = + 63.9850 Total Foresights = − 55.2326 Diff. Elev. = + 8.7524
										Backsight stadia = 3.979 Foresight Stadia = 3.931 Total Stadia = 7.910 = 0.50 mi.
		63.9850					55.2326			

F.B. 2885 P.G. 22

76P526-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 F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 9:45 - 10:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-125 To BM 11-12 A
Date 13 Nov. 1962
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.438		.178		#19	5.721		.171		BM 11-125
	6.260		.177			5.550		.172		Workman Mill Rd 0.35 mi. S.W.
1	6.083		.355			5.378		.343		of U.P.R.R. Crossing
	18.781	6.2603		.355	62°	16.649	5.5497		.343	See F.B. 1376 - 112
	4.972		.174			6.402		.178		
	4.798		.177			5.224		.177		T Valdez
2	4.621		.351			5.047		.355		
	14.391	4.7970		.706		15.673	5.2243		.698	
	5.947		.187			4.637		.189		
	5.760		.185			4.448		.187		
3	5.575		.372			4.261		.376		
	19.282	5.4107		1.078		13.346	4.4487		1.074	
	3.908		.176			5.962		.172		
	3.732		.172			5.790		.169		
4	3.560		.348			5.621		.341		
	11.200	3.7333		1.426		17.373	5.7910		1.415	
	5.089		.127			5.353		.126		
	4.962		.124			5.227		.128		
5	4.838		.251			5.099		.254		
	14.889	4.9630		1.677		15.679	5.2263		1.669	
		25.5143					26.2400			

F.B. 2885 P.G. 23

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by F. E. Brooks Time 9:45 - 10:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-125 To BM 11-126A
Date 13 Nov 1962
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
6	4.710	25.5147	.178	1.677		5.950	26.2400	.176	1.669	
	4.532		.176			5.774		.174		
	4.356		.354			5.600		.350		Summation of Run
	13.598	4.5327		2.031		17.324	5.7747		2.019	From B.M. 11-125
7	4.289		.187			4.873		.185		To B.M. 11-126A
	4.102		.189			4.688		.185		
	3.913		.376			4.503		.370		
	12.304	4.1013		2.401		14.064	4.6880		2.389	
8	3.758		.189			6.902		.193		BM 11-126A
	3.569		.189			6.709		.190		Workman Mill Rd. at San
	3.380		.378			6.519		.383		Jose Creek
	10.707	3.5690		2.785	64°	20.130	6.7100		2.772	See F.B. 2880-50
										Total Backsights = 37.7173
										Total Foresights = 43.4127
										Diff. Elev. = -5.6954
										Backsight Stadia = 2.785
										Foresight Stadia = 2.772
										Total Stadia = 5.557
										= .35 mi.
		37.7173					43.4127			

F.B. 2885 P.G. 24

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy Inst. No. 15066
Notes by K. M. Kapp Time 2:30 - 3:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301, 02
From BM 11-126A To BM 11-125
Date 11-15-62
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.535		191		19	3.390		190		BM 11-126A
	6.344		192			3.200		193		Workman Mill Rd at
1	6.152		383			3.007		383		San Jose Creek
	19.031	6.3437		383	68°	9.597	3.1990		383	See F.B. 2880-50
	4.561		185			3.978		186		
	4.376		183			3.792		189		Martinez
2	4.193		368			3.603		375		
	13.130	4.3767		751		11.373	3.7910		758	
	5.217		163			4.007		195		
	5.054		160			3.812		193		
3	4.894		323			3.619		388		
	15.165	5.0550		1.074		11.438	3.8127		1.146	
	5.125		146			4.825		110		
	4.979		146			4.715		110		
4	4.833		292			4.605		220		
	14.937	4.9790		1.366		14.145	4.7150		1.366	
	5.588		171			3.531		173		
	5.417		172			3.358		176		
5	5.245		343			3.182		349		
	16.250	5.4167		1.709		10.071	3.3570		1.715	
		26.1711					18.8741			

F.B. 2885 P.G. 25

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 J. E. Brooks
Notes by K. M. Kapp
Weather Hazy Inst. No. 15066
Time 2:30 - 5:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0341.02
From BM 11-126A To BM 11-125
Date 11-15-62
Indexed R. J. Gall

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
6	4.116	26.1911	189	1.709		5.426	18.8797	184	1.715	
	3.927		186			5.242		187		
	3.741		375			5.055		371		Summation of Rem
	11.784	3.9280		2.084		15.723	5.2410		2.086	From B.M. 11-126A
7	4.750		180			4.320		177		To B.M. 11-125
	4.570		178			4.143		174		
	4.392		358			3.969		351		
	13.712	4.5707		2.442		12.432	4.1440		2.437	
8	5.183		174			5.906		175		BM 11-125
	5.019		176			5.731		172		Mark brass N.11 Rd 0.35 mi.
	4.843		350			5.559		347		S.W. of U.R.R. Crossing
	15.055	5.0183		2.792	68°	17.196	5.7320		2.784	See F.K. 134 - 112
										Total Backsights = + 39.6681
										Total Foresights = - 33.9717
										Diff. Elev. = + 5.6964
										Backsight stadia = 2.792
										Foresight Stadia = 2.784
										Total Stadia = 5.576
										= 0.35 mi.
		39.6881					33.9917			

F.B. 2885 PG. 26

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-126 A To BM 11-126 B
Date 11-13-62
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.370		258		19	5.651		247		BM 11-126 A (L.A. Co. F.C.)
	5.112		254			5.404		247		Workman Mill Rd. at San
1	4.858		512			5.157		494		Jose Creek
	15.340	5.1133		512	64°	16.212	5.4040		494	See F.B. 2880-50
	5.260		180			4.312		199		
	5.080		178			4.113		196		T. Cook
2	4.902		358			3.917		395		Summation of Run
	15.242	5.0807		870		12.342	4.1140		889	From B.M. 11-126 A
	4.359		179			5.205		196		To B.M. 11-126 B
	4.210		150			5.059		147		Total Backsights = 19.8380
3	4.060		299			4.912		293		Total Foresights = 18.5157
	12.629	4.2097		1.169		15.176	5.0587		1.182	Diff. Elev. = +1.3223
	5.647		214			4.149		210		BM 11-126 B
	5.433		210			3.939		210		Workman Mill Rd. at drain
4	5.223		424			3.729		420		#153+40
	16.303	5.4343		1.593	64°	11.817	3.9390		1.602	See F.B. 2880-51 & 52
										Backsight stadia = 1.593
										Foresight Stadia = 1.602
										Total Stadia = 3.195
										= 0.20 mi.
		19.8380					18.5157			

F.B. 2885 P.G. 27

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks

Weather Clear Inst. No. 15066
Time 2:40 – 2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 11-126 B To BM 11-126 A
Date 15 Nov 1962
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.047		.210		+19	5.547		.214		BM 11-126 B
	3.837		.209			5.333		.211		Workman Mill Rd. at drain
1	3.628		.419			5.122		.425		153+40
	11.512	3.8373		.419	68°	16.002	5.3340		.425	See F.B. 2880-51 & 52
	4.787		.149			3.938		.150		T. Martinez
	4.638		.146			3.788		.146		Summation of Run
2	4.492		.295			3.642		.296		From B.M. 11-126 B
	13.917	4.6390		.714		11.368	3.7893		.721	To B.M. 11-126 A
	4.082		.194			5.038		.185		Total Backsights = +17.6943
	3.888		.192			4.853		.185		Total Foresights = −19.0193
3	3.696		.386			4.668		.370		Diff. Elev. = −1.3250
	11.666	3.8887		1.100		14.559	4.8530		1.091	
	5.578		.249			5.301		.259		BM 11-126 A (L.A. Co. F.C.)
	5.329		.248			5.042		.256		Workman Mill Rd. at San
4	5.081		.497			4.786		.515		Jose Creek
	15.988	5.3293		1.597	18°	15.129	5.0430		1.606	See F.B. 2880-50
										Backsight stadia = 1.597
										Foresight Stadia = 1.606
										Total Stadia = 3.203
										− .20 m
		17.6943					19.0193			

F.B. 2885 PG. 28

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:45 - 11:15 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-126B To BM 11-127
Date 13 Nov 1962
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.451		.164		#19	1.910		.185		BM 11-126 B
	6.287		.163			1.722		.189		Workman Mill Rd. at drain
1	6.124		.327			1.533		.377		# 153+40
	18.862	6.2873		.327	64°	5.165	1.7217		.377	See F.B. 2880-51 & 52
	6.477		.174			3.123		.181		
	6.303		.174			2.942		.182		T. Martinez
2	6.129		.348			2.760		.363	7	
	18.909	6.3030		.675		8.825	2.9417		.740	
	6.592		.174			3.372		.180		
	6.418		.175			3.192		.179		
3	6.243		.349			3.013		.359	10	
	19.253	6.4177		1.024		9.577	3.1923		.899	
	5.409		.178			5.041		.182		
	5.231		.176			4.859		.184		
4	5.053		.354			4.675		.366	4	
	15.693	5.2310		1.380		14.575	4.85833		1.265	
	6.019		.173			5.732		.180		
	5.846		.173			5.552		.181		
5	5.673		.346			5.371		.361	18	
	17.538	5.8460		1.726		16.655	5.5517		1.626	
		30.0850					18.2657			

F.B. 2885 P.G. 22

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:45-11:15 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-126 B To BM 11-127
Date 13 Nov 1962
Indexed G. J. GAMI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.658	30.0850	.178	1.926		5.922	18.2659	.180	1.926	
	4.480		.177			5.742		.180		
	4.303		.355			5.562		.360		
	13.441	4.4803		2.081		17.226	5.7420		2.186	
7	4.130		.175			5.875		.181		
	3.955		.175			5.694		.181		
	3.780		.350			5.513		.362		
	11.865	3.9550		2.431		17.082	5.6940		2.548	
8	3.437		.210			5.952		.210		
	3.227		.209			5.742		.210		
	3.018		.419			5.532		.420		
	9.682	3.2273		2.850		17.226	5.7420		2.968	
9	3.691		.172			5.022		.175		
	3.519		.171			4.847		.173		
	3.348		.343			4.674		.348		
	10.558	3.5193		3.193		14.543	4.8477		3.216	
10	4.358		.185			5.384		.185		
	4.173		.184			5.199		.185		
	3.989		.369			5.014		.370		
	12.520	4.1733		3.562		15.597	5.1990		3.586	
		49.4402					45.4904			

F.B. 3885 P.G. 30

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 10:45 - 11:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-126 B To BM 11-127
Date 13 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.467	49.4402	.173	3.562		6.212	45.4904	.174	3.586	
	2.294		.172			6.038		.176		
11	2.122		.345			5.862		.350	40	
	6.883	2.2943		3.907		18.112	6.0373		7.936	
	3.002		.148			7.177		.147		BM 11-127
	2.860		.148			7.030		.147		Workman Mill Rd. at
12	2.712		.296			6.883		.294	3	Mission Mill Rd.
	8.580	2.8600		4.203	64°	21.090	7.0300		4.230	See F.B. 1376 - 114
										Summation of Run
										From B.M. 11-126 B
										To B.M. 11-127
										Total Backsights = + 54.5945
										Total Foresights = − 58.5577
										Diff. Elev. = − 3.9632
										Backsight Stadia = 4.203
										Foresight Stadia = 4.230
										Total Stadia = 8.433
										= .55 mi.
		54.5945					58.5577			

F.B. 2995 P.G. 31

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15064
Notes by K. M. Kapp Time 1:40 – 2:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-129 To BM 11-128
Date 11-15-62
Indexed C.J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.758		179		77	3.583		184		BM 11-127
	7.609		197			3.739		198		Walkmar, M.H. 12 ft. N of W. side
	7.460		298			3.291		292		10 M Rd.
	22.827	7.6090		298	72°	10.313	3.4377		292	See F.B. 1372 - 114
2	6.249		180			2.478		170		
	6.069		179			2.328		170		T. Meloe
	5.890		359			2.158		340		
	18.208	6.0693		657		6.964	2.3480		632	
3	5.723		186			4.702		184		
	5.543		183			4.518		185		
	5.360		369			4.333		369		
	16.632	5.5440		1026		13.553	4.5177		1001	
4	5.400		173			4.628		171		
	5.227		174			3.901		172		
	5.053		347			3.729		343		
	15.680	5.2267		1373		11.702	3.9007		1347	
5	6.289		203			3.786		217		
	6.086		206			3.571		214		
	5.850		409			3.355		431		
	18.255	6.0850		1782		10.710	3.5700		1775	
		30.5340					17.7541			

F.B. 2685 PG. 32

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Harp Time 1:40-2:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-127 To BM 11-126
Date 11-15-62
Indexed S. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	6.119	30.5340	181	1.782		4.372	17.7541	173	1.775	
	5.938		184			4.199		177		
	5.754		365			4.022		350		
	17.811	5.9370		2.147		12.593	4.1977		2.125	
7	6.329		180			5.062		179		
	6.149		179			4.883		175		
	5.970		359			4.708		354		
	18.448	6.1493		2.506		14.653	4.8843		2.479	
8	5.990		170			6.298		182		
	5.820		171			6.116		182		
	5.649		341			5.934		364		
	17.459	5.8197		2.847		18.348	6.1160		2.843	
9	5.150		181			5.518		179		
	4.969		184			5.339		178		
	4.785		365			5.161		357		
	14.904	4.9680		3.212		16.018	5.3393		3.200	
10	3.470		180			6.690		175		
	3.290		180			6.515		174		
	3.110		360			6.341		349		
	9.870	3.2900		3.572		19.546	6.5153		3.549	
		56.6980					44.8067			

F.B. 2995 P.G. 33

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. 15026
Notes by K. M. Kapp Time 1:40 - 2:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 2301.07
From BM 11-127 To BM 11-126 B
Date 11-15-62
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	3.241	58.6960	.182	3.572		6.590	44.8067	.171	3.549	
	3.059		.183			6.419		.175		
	2.876		365			6.244		346		
	9.176	3.0587		3.937		19.253	6.4177		3.895	
12	2.849		.167			7.430		.184		BM 11-126 B
	2.682		.165			7.246		.185		Workmen Mill Rd. at drain
	2.517		332			7.061		369		#15374.40
	8.048	2.6827		4.269	68°	21.737	7.2457		4.264	See F.B. 2850 - 51 & 52
										Summation of Run From B.M. 11-127 To B.M. 11-126 B
										Total Backsights = + 62.4394 Total Foresights = 58.4701 Diff. Elev. = + 3.9693
										Backsight stadia = 4.269 Foresight Stadia = 4.264 Total Stadia = 8.533 = 0.54 mi.
		62.4394					58.4701			

F.B. 2855 PG. 34

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks — Weather overcast — Inst. No. 15066
Notes by K. M. Kaeb — Time 11:15 - 11:45 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-127 To BM 11-127A
Date 11-13-62
Indexed E. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.021		179		19	6.019		178		BM 11-127
	2.842		180			5.841		180		Workman Mill Rd at Mission
1	2.662		359			5.661		358		Mill Rd.
	8.525	2.8417		359	64°	17.521	5.8403		358	See F.B. 1376-114
	3.058		180			5.803		181		
	2.878		177			5.622		181		T Martinez
2	2.701		357			5.441		362		
	8.637	2.8790		716		16.866	5.6220		720	
	4.441		169			5.890		187		
	4.272		168			5.703		184		
3	4.104		337			5.519		371		
	12.817	4.2723		1.053		17.112	5.7040		1.091	
	4.067		195			5.250		178		
	3.872		193			5.072		177		
4	3.679		388			4.895		355		
	11.618	3.8727		1.441		15.217	5.0723		1.446	
	5.310		172			7.866		184		
	5.138		171			7.702		182		
5	4.967		343			4.520		366		
	15.415	5.1383		1.784		14.108	4.7027		1.812	
		19.0040					26.9413			

F.B. 2885 P.G. 35

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15026
Notes by K. M. Kapp Time 11:15–11:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BM 11-127 To BM 11-127A
Date 11-13-62
Indexed E. I. 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
6	4.910	19.1040	196	1.784		5.472	26.9943	179	1.812	
	4.714		195			5.293		177		
	4.519		391			5.116		356		
	14.143	4.7143		2.175		15.881	5.2937		2.168	
7	5.158		169			5.091		171		Succession of Run From B.M. 11-127 To B.M. 11-127A
	4.989		167			4.920		178		
	4.822		336			4.742		355		
	14.969	4.9897		2.311		14.753	4.9177		2.523	
8	5.237		162			5.986		157		BM 11-127A Workman Mill Rd. at conc. Headwall at Station 106+30 See FB. 2880-53
	5.075		158			5.831		158		
	4.617		320			5.673		315		
	17.329	5.7763		2.831	66°	17.492	5.8307		2.630	
FB. 2885 PG. 26										Total Backsights = 37.735 ✓ Total Foresights = 35.754 ✓ Diff. Elev. = +1.981 ✓
										Backsight stadia = 2.831 ✓ Foresight Stadia = 2.630 ✓ Total Stadia = 5.461 ✓ Σ 0.36 ✓
		34.4813 ✓					42.9854 ✓			

✓ WTm

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. 150 66
Notes by F. E. Brooks Time 1:05 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0.301.02
From BM 11-127A To BM 11-127
Date 15 Nov 1962
Indexed C. J. Gatti

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6.079 5.920 5.763 17.762	5.9207	.159 .157 .316	316	#19 70°	6.023 5.863 5.703 17.589	5.8630	.160 .160 .320	.320	BM 11-127A Workman Mill Rd. at conc. headwall at station 106+30 See F.B. 2880-53
2	5.298 5.122 4.945 15.365	5.1217	.176 .177 .353	.669		5.361 5.191 5.021 15.573	5.1910	.170 .170 .340	.660	T. Cook
3	5.519 5.330 5.143 15.992	5.3307	.189 .187 .376	1.045		4.942 4.752 4.562 14.256	4.7520	.190 .190 .380	1.040	
4	5.152 4.971 4.791 14.914	4.9713	.181 .180 .361	1.406		5.582 5.408 5.238 16.228	5.4093	.174 .170 .344	1.384	F.B. 2895 P.G. 37
5	5.658 5.472 5.288 11.418	5.4727	.186 .184 .370	1.776		4.458 4.271 4.087 12.816	4.2720	.187 .184 .371	1.755	
		14.8171					15.4873			

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear Inst. No. 15066
Time 1:05 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 2301.02
From B.M. 11-127A To B.M. 11-127
Date 15 Nov. 1962
Indexed C. J. GALLT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	R. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.932	6.811	.187	1.776		4.489	4.293	.170	1.755	
	6.749		.186			4.319		.168		
	6.563		.397			4.151		.336		
6	19.246	5.9493		2.149		12.959	4.3197		2.093	
	6.885		.170			3.163		.192		Summation of Run
	6.715		.171			2.971		.188		From B.M. 11-127A
	6.544		.341			2.783		.380		To B.M. 11-127
7	19.144	5.7147		2.490		8.917	2.9723		2.473	
	6.046		.175			3.058		.195		B.M. 11-127
	5.871		.173			1.913		.187		Workman Mill Rd. at
	5.698		.348			1.726		.382		Mission Mill Rd.
8	17.115	5.8717		2.839	77°	8.821	2.9739		2.841	See F.B. 1376 - 114
										Total Backsights = + 34.1526
										Total Foresights = - 35.6530
										Diff. Elev. = - 1.4998
										Backsight stadia = 2.839
										Foresight Stadia = 2.841
										Total Stadia = 5.680
										= .36 mi
	34.1526					35.6530				

F.B. 2995 P.G. 38

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 Overcast Inst. No. 150LL
Notes by F. E. Brooks Time 11:45 – 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-127A To BM 11-128
Date 13 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.441		.172			3.455		.172		BM 11-127A
	4.269		.170			3.283		.173		Workman Mill Rd. at conc.
1	4.099		.342			3.110		.345		headwall at station 106+30
	12.809	4.2697		.342	66°	9.848	3.2827		.345	See F.B. 2880-53
	6.933		.184			6.460		.187		
	6.749		.187			6.273		.183		A Valdez
2	6.562		.371			6.090		.370		
	20.244	6.7480		.713		18.823	6.2943		.715	
	3.823		.174			6.441		.173		
	3.649		.170			6.268		.176		
3	3.479		.344			6.092		.349		
	10.951	3.6503		1.057		18.801	6.2670		1.064	
	5.589		.188			6.002		.183		
	5.401		.191			5.819		.187		
4	5.210		.379			5.632		.370		
	16.200	5.4000		1.436		17.453	5.8177		1.434	
	6.802		.173			5.101		.173		1 Ht. for Inch
	6.629		.171			4.928		.175		
5	6.458		.344			4.753		.348		
	19.889	6.6297		1.780	66°	14.782	4.9273		1.782	
		26.6977					26.5690			

F.B. 2885 P.G. 39

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:45-1:25 Rod No. 19-20

Name L.A. Co. Precise Level Nat
Job No. 0301.02
From BM11-127A To BM11-128
Date 13 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.999	26.6977	.184	1.780		4.191	26.5690	.167	1.782	
	5.795		.181			4.524		.155		
	5.614		.365			4.359		.332		
	17.388	5.7960		2.145	64°	13.574	4.5247		2.114	
7	6.712		.182			2.851		.185		
	6.530		.183			2.666		.186		
	6.347		.365			2.480		.371		
	19.589	6.5297		2.510		7.997	2.6657		2.485	
8	9.308		.182			1.600		.179		
	9.126		.182			1.421		.179		
	8.944		.364			1.242		.358		
	27.378	9.1260		2.874		4.263	1.4210		2.847	
9	8.592		.174			1.752		.173		
	8.418		.177			1.559		.177		
	8.241		.351			1.382		.350		
	25.251	8.4170		3.225		4.673	1.5577		3.193	
10	8.270		.171			1.910		.168		
	8.049		.172			1.742		.168		
	7.877		.347			1.574		.336		
	24.146	8.1487		3.565		5.226	1.7420		3.529	
		64.6151					38.4801			

F.B. 2885 P.G. 40

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-127A To BM 11-128
Date 13 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.374	6.1151	.094	3.568		6.590	38.4801	.109	3.529	BM 11-128
	6.280		.097			5.481		.113		Workman Mill Rd at
11	6.183		.191			6.368		.222		Pioneer Blvd.
	18.837	6.2790		3759	64°	16.439	5.4797		3.751	see F.B. 1376 -
										Summation of Run
										From B.M. 11-127A
										To B.M. 11-128
										Total Backsights = + 70.6941
										Total Foresights = - 43.9598
										Diff. Elev. = + 26.9343
										Backsight stadia = 3.759
										Foresight Stadia = 3.751
										Total Stadia = 7.510
										= .48 mi.
		70.6941					43.9598			

F.B. 2885 P.G. 41

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Cloudy Inst. No. 15066
Notes by K.M. Kapp Time 11:15 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM11-128 To BM11-127A
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.512		102		19	6.317		109		BM11-128
	5.410		102			6.208		108		Workman Mill Rd. at
	5.306		206			6.100		217		Pioneer Blvd.
	16.228	5.4093		206	70°	18.625	6.2083		217	See F.B. 1376 - 115
2	2.230		168			8.534		170		
	2.062		167			8.364		166		π Cook
	1.895		335			8.198		336		
	6.187	2.0623		541		25.096	8.3653		553	
3	1.967		173			8.826		174		
	1.794		174			8.652		172		
	1.620		347			8.480		346		
	5.381	1.7937		888		25.958	8.6527		899	
4	1.420		180			9.124		180		
	1.240		180			8.944		180		
	1.060		360			8.764		360		
	3.720	1.2400		1248		26.832	8.9440		1,259	
5	3.698		187			7.560		183		
	3.511		188			7.377		183		
	3.323		375			7.194		366		
	10.532	3.5107		1,623		22.131	7.3770		1,625	
		14.0160					39.5473			

F.B. 2885 P.G. 42

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMH-128 To BMH-127A
Date 11-15-62
Indexed C. 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
6	5.458	14.0160	170	1.623		6.743	39.5473	180	1.625	
	5.288		170			6.563		180		
	5.118		340			6.383		360		
	15.864	5.2880		1.963		19.689	6.5630		1.985	
7	4.811		180			6.502		170		
	4.631		178			6.332		170		
	4.453		358			6.162		340		
	13.895	4.6317		2.321		18.996	6.3320		2.325	
8	5.769		185			5.353		189		
	5.584		185			5.164		186		
	5.399		370			4.978		375		
	16.752	5.5840		2.691		15.495	5.1650		2.700	
9	6.191		173			3.579		176		
	6.018		173			3.403		173		
	5.845		346			3.230		349		
	18.054	6.0180		3.037		10.212	3.4040		3.049	
10	6.394		184			6.868		186		
	6.210		185			6.682		182		
	6.025		369			6.500		368		
	18.629	6.2097		3.406		20.050	6.6833		3.417	
		41.7474					67.6946			

F.B. 2885 P.G. 43

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 - - Brooks Weather Cloudy Inst. No. 15066
Notes by K. M. Kapp Time 11:15 – 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03 01 07
From BM 11-128 To BM 11-127A
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.350	41.7474	174	3.406		4.334	67.6946	167	3.417	BM 11-127A
11	3.176		174			4.167		169		Work man Mill Rd at Cove
	3.002		348			3.998		336		head wall at Station # 166+30
	9.528	3.1760		3.754	68°	12.499	4.1663		3.753	See F.B. 2880-53

Summation of Run
From B.M. 11-128
To B.M. 11-127A

Total Backsights = + 44.9234
Total Forsights = − 71.8609
Diff. Elev. = −26.9375

Backsight Stadia = 3.754
Foresight Stadia = 3.753
Total Stadia = 7.507
= 0.48 mi.

F.B. 2885 P.G. 44

44.9234 71.8609

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 P. E. Brooks Weather Overcast Inst. No. 15066
Notes by K.M. Kapp Time 1:35 - 2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-128 To BM 11-129
Date 11-13-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.631		100		19	3.614		106		BM 11-128
	6.531		099			3.508		104		Workman Mill Rd at Pioneer
1	6.432		199			3.404		210		Blvd.
	19.594	6.5313		199	64°	10.526	3.5087		210	See F.B. 1316 - 115
	6.903		176			2.993		174		
	6.727		176			2.819		177		T Cook
2	6.551		352			2.642		351		
	20.181	6.7270		551		8.454	2.8180		561	
	9.232		172			1.009		170		
	9.060		171			0.839		170		
3	8.889		343			0.669		340		
	27.181	9.0603		894		2.517	0.8390		901	
	10.266		140			0.602		140		
	10.126		140			0.462		140		
4	9.986		280			0.322		280		
	30.378	10.1260		1174		1.386	0.4620		1181	
	10.488		135			0.783		130		
	10.353		135			0.653		131		
5	10.218		270			0.522		261		
	31.059	10.3530		1444		1.958	0.6527		1442	
		42.7976					8.2804			

F.B. 2885 P.G. 45

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 K. M. Kapp

Weather Overcast Inst. No. 15066
Time 1:35–2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-128 To BM 11-129
Date 11-13-62
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
	9.968	42.1976	128	1.444		0.690	8.7804	130	1.442	
	9.840		127			0.560		130		
6	9.713		255			0.430		260		
	29.521	9.8403		1.699		1.680	0.5600		1.702	
	9.640		124			1.439		129		
	9.516		124			1.310		128		
7	9.392		248			1.182		257		
	28.548	9.5160		1.447		3.931	1.3103		1.859	
	7.828		150			3.924		156		
	7.678		150			3.768		156		
8	7.528		300			3.612		318		
	23.034	7.6780		2.247		11.304	3.7680		2.271	
	5.907		186			5.923		174		
	5.721		186			5.844		172		
9	5.535		372			5.677		346		
	17.163	5.7210		2.614		17.549	5.8497		2.617	
	3.608		230			6.802		230		
	3.378		280			6.582		222		
10	3.148		420			6.360		442		
	10.134	3.3180		[illegible]		19.544	6.5813		3.059	
		28.9709					26.3497			

F.B. 2885 F.G. 46

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 Overcast Inst. No. 15066
Notes by K. M. Kapp Time 1:35-2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-128 To BM 11-129
Date 11-13-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	3.700	78.9309	174	3.079		6.451	26.3497	172	3.059	
	3.526		173			6.279		172		
	3.353		347			6.107		344		
	10.579	3.5263		3.426		18.837	6.2790		3.403	
12	3.453		175			6.711		200		
	3.278		172			6.511		200		
	3.106		347			6.311		400		
	9.837	3.2790		3.773		19.533	6.5110		3.803	
13	3.490		170			5.157		196		
	3.320		170			5.051		197		
	3.150		340			4.904		293		
	9.960	3.3200		4.113		15.152	5.0507		4.096	
14	4.925		148			5.630		160		
	4.827		147			5.470		160		
	4.680		295			5.310		320		
	14.482	4.8273		4.408		16.410	5.4700		4.416	
15	5.379		155			4.991		155		
	5.224		153			4.836		156		
	5.071		308			4.680		311		
	15.674	5.2247		4.716		14.507	4.8357		4.727	
		99.1082					54.4961			

F.B. 2995 P.G. 47

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by K.M. Kapp Time 1:35-2:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301 02
From BM 11-128 To BM 11-129
Date 11-13-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	4.780	99.1087	160	4.716		6.746	54.4961	159	4.727	
	4.620		160			6.587		159		
	4.460		320			6.428		318		
	13.860	4.6200		5.036		19.761	6.5870		5.045	
17	1.489		158			7.651		143		Summation of Sum
	1.331		155			7.508		144		From B.M. 11-128
	1.176		313			7.364		287		To B.M. 11-129
	3.976	1.3320		5.349		22.523	7.5077		5.332	
18	2.102		089			9.460		093		Total Backsights = + 109.7762
	2.013		088			9.367		094		Total Foresights = − 86.3535
	1.925		177			9.273		187		Diff. Elev. = + 23.4227
	6.040	2.0133		5.526		28.100	9.3667		5.519	
19	2.789		081			8.481		084		BM 11-129 (Whittier Fl)
	2.703		082			8.397		087		Norwalk Blvd. & Beverly
	2.621		163			8.310		171		Blvd.
	8.108	2.7027		5.689	62°	25.188	8.3960		5.690	See F.B. 1376-116
										Backsight stadia = 5.689
										Foresight Stadia = 5.690
										Total Stadia = 11.379
										= 0.72 mi.
		109.7762					86.3535			

F.B. 2885 pg. 48

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 11-129 To BM 11-128
Date 15 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.570		.081		#19	2.879		.081		BM 11-129 (Whittier E1)
	8.489		.080			2.798		.082		Norwalk Blvd. & Beverly
1	8.409		.161			2.716		.163		Blvd.
	25.468	8.4893		.161	66°	8.393	2.7977		.163	See F.B. 1376-116
	9.314		.094			1.953		.089		
	9.220		.093			1.864		.090		T. Martinez
2	9.127		.187			1.774		.179		
	27.661	9.2203		.348		5.591	1.8637		.342	
	8.385		.147			2.214		.151		
	8.238		.147			2.063		.155		
3	8.091		.294			1.908		.306		
	24.714	8.2380		.642		6.185	2.0617		.648	
	6.619		.160			4.653		.162		
	6.459		.158			4.491		.162		
4	6.301		.318			4.329		.324		
	19.379	6.4597		.960		13.473	4.4910		.972	
	6.074		.154			5.466		.157		
	4.920		.157			5.309		.155		
5	4.763		.311			5.154		.312		
	14.757	4.9190		.1271		15.929	5.3097		1.284	
		37.3263					16.5238			

F.B. 2885 P.G. 42

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-129 To BM 11-128
Date 15 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.303	3.73223	.153	1.271		4.661	16.5238	.154	1.284	
	5.150		.153			4.507		.154		
6	4.997		.306			4.353		.308		
	15.450	5.1500		1.577		13.521	4.5070		1.592	
	3.184		.154			3.461		.163		
	5.030		.155			3.298		.161		
7	4.875		.309			3.137		.324		
	15.089	5.0297		1.986		9.896	3.2987		1.916	
	6.626		.197			3.375		.180		
	6.429		.196			3.195		.180		
8	6.233		.393			3.015		.360		
	19.288	6.4293		2.279		9.585	3.1950		2.276	
	6.019		.173			3.267		.174		
	5.846		.173			3.093		.173		
9	5.673		.346			2.920		.347		
	17.538	5.8460		2.625		9.280	3.0933		2.625	
	6.463		.220			3.272		.231		
	6.243		.223			3.041		.234		
10	6.020		.443			2.807		.465		
	18.726	6.2420		3.065		9.120	3.0400		3.088	
		66.0233					33.6598			

F.B. 2885 P.G. 50

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-129 To BM 11-128
Date 15 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.867	66.0233	.181	3.068		5.738	33.6578	.179	3.088	
	5.686		.179			5.559		.181		
11	5.507		.360			5.378		.360		
	19.060	5.6867		3.428		16.675	5.5583		3.448	
	3.692		.154			7.600		.153		
	3.538		.156			7.447		.151		
12	3.382		.310			7.296		.304		
	10.612	3.5373		3.738		22.343	7.4477		3.752	
	1.252		.128			9.454		.125		
	1.124		.129			9.329		.124		
13	0.995		.257			9.205		.249		
	3.371	1.1237		3.995		29.988	9.3293		4.001	
	0.777		.130			10.053		.125		
	0.647		.129			9.928		.127		
14	0.518		.259			9.801		.252		
	1.942	0.6473		4.254		29.782	9.9273		4.253	
	0.638		.135			10.338		.133		
	0.503		.137			10.205		.133		
15	0.370		.268			10.072		.266		
	1.511	0.5037		4.522		30.615	10.2050		4.519	
		77.5220					76.1254			

F.B. 4885 P.G. 51

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:20 – 11:15 Rod No. 14-20

Name L.A. Co. Precise Level Net
Job No. 030102
From BM 11-129 To BM 11-128
Date 16 Nov 1962
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
16	0.804	99.5220	.140	4.522		10.461	8.1254	.140	4.519	
	0.664		.141			10.326		.140		
	0.523		.181			10.186		.280		
	1.991	0.6637		4.603		30.978	10.3260		4.799	
17	1.256		.170			9.485		.173		Summation of Non
	1.086		.167			9.312		.171		From B.M. 11-129
	0.919		.334			9.141		.344		To " B.M. 11-128
	3.261	1.0870		5.140		27.938	9.3127		5.143	
18	3.688		.178			7.595		.178		Total Backsights = 86.2244
	3.510		.178			7.417		.179		Total Foresights = 109.6478
	3.332		.356			7.238		.358		Diff. Elev. = -23.4234
	10.530	3.5100		5.496		22.250	7.4167		5.500	
19	3.643		.101			6.591		.104		BM 11-128
	3.442		.102			6.469		.104		Workmen Mill Rd. at
	3.340		.203			6.363		.206		Pioneer Blvd.
	10.325	3.4414		5.199	70°	19.401	6.4670		5.708	See F.B. 1376-115
										Backsight stadia = 5.699
										Foresight Stadia = 5.708
										Total Stadia = 11.407
										= .02 mi.
		86.2244					109.6478			

F.B. 2665 PG. 52

76P526-CE 379—10-57

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Brooks Weather Overcast Inst. No. 15066
Notes by P. E. Brooks Time 2:45 – 3:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0304.02
From BM 11-129 To BM 11-130
Date 13 Nov. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.557		.084		#19	7.562		.073		BM 11-129 (Wh. Hick F-1)
	3.473		.086			7.489		.073		Norwalk Blvd. at
1	3.387		.170			7.416		.146		Beverley Blvd.
	10.417	3.4723		.170	62°	22.467	7.4890		.146	See F.B. 1376-116
	1.869		.095			8.070		.099		
	1.774		.093			7.971		100		A. Martinez
2	1.681		.188			7.871		.199		
	5.324	1.7747		.358		23.912	7.9707		.345	
	1.687		.105			8.408		.105		
	1.582		.107			8.303		.105		
3	1.475		.212			8.198		.210		
	4.744	1.5813		.570		24.909	8.3030		.555	
	1.794		.105			7.258		.106		
	1.689		.105			7.152		.106		
4	1.584		.210			7.046		.212		
	5.067	1.6890		.780		21.456	7.1520		.767	
	2.165		.142			7.697		.142		
	2.023		.142			7.555		.141		
5	1.881		.284			7.414		.283		
	6.069	2.0230		1.064		22.666	7.5553		1.050	
		10.5403					38.4700			

F.B. 2885 P.G. 53

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. L. Brooks
Notes by F. E. Brooks

Weather Overcast
Time 2:45 - 3:30

Inst. No. 15066
Rod No. 19 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B1M11-129 To B1M11-130
Date 13 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	1.629	10.5705	.157	1.064		8.242	38.4700	.160	1.050	
	1.472		.155			8.082		.158		
	1.317		.312			7.924		.318		
	4.418	1.4727		1.376		24.248	8.0827		1.368	
7	1.558		.160			8.788		.179		
	1.398		.161			8.609		.178		
	1.237		.321			8.431		.357		
	4.193	1.3977		1.697		25.828	8.6093		1.725	
8	1.622		.172			8.528		.175		
	1.450		.172			8.353		.172		
	1.278		.344			8.181		.347		
	4.350	1.4500		2.041		25.062	8.3540		2.072	
9	2.094		.163			8.001		.151		
	1.931		.162			7.850		.151		
	1.769		.325			7.699		.302		
	5.794	1.9313		2.366		23.550	7.8500		2.374	
10	1.873		.163			8.128		.161		
	1.710		.160			7.967		.163		
	1.550		.323			7.804		.324		
	5.133	1.7110		2.689		23.899	7.9663		2.698	
		18.5030					79.3323			

F.B. 2885 P.G. 54

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by F. E. Brooks Time 2:45 - 3:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-129 To BM 11-130
Date 13 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	1.137	18.5030	.172	2.689		8.427	79.3323	.172	2.698	
	0.965		.172			8.253		.171		
	0.793		.344			8.082		.345		
	2.895	0.9650		3.033		24.762	8.2540		3.043	
12	4.554		.041			1.876		.040		BM 11-130
	4.513		.041			1.834		.042		Norwalk Blvd at U.P.R.R.
	4.472		.082			1.794		.082		
	13.539	4.5130		3.115	62°	5.504	1.8353		3.125	See F.B. 2880-55
										Summation of Run From B.M. 11-129 To B.M. 11-130
										Total Backsights = + 23.9810 Total Foresights = - 89.4216 Diff. Elev. = -65.4406 F.B. 2885 P.G. 55
										Backsight Stadia = 3.115 Foresight Stadia = 3.123 Total Stadia = 6.240 = 0.39 mi
		23.9810					89.4216			

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brook Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 9:45-10:20 Rod No. 19-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 11-130 To BM 11-119
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	1.874		041		14	4.553		042		BM 11-130
	1.833		042			4.511		042		Norwalk Blvd. at U.P. R.R.
	1.791		083			4.469		084		
	5.498	1.8327		083	68°	13.533	4.5110		084	See F.B. 2880-55
2	9.374		173			2.081		172		
	9.201		172			1.909		169		π Valdez
	9.029		345			1.740		341		
	27.604	9.2013		428		5.730	1.9100		425	
3	8.681		161			2.430		162		
	8.520		161			2.268		164		
	8.359		322			2.104		326		
	25.560	8.5200		751		6.802	2.2673		751	
4	8.350		155			2.432		156		
	8.175		156			2.276		155		
	8.039		311			2.121		311		
	24.584	8.1947		1,061		6.829	2.2763		1,062	
5	9.038		176			2.132		171		
	8.862		173			1.961		172		
	8.689		349			1.789		343		
	26.589	8.8630		1,410		5.882	1.9607		1,405	
		36.6117					12.9253			

F.B. 2885 P.G. 56

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 9:45-10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-130 To BM 11-129
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	9.381	36.6117	180	1.410		2.150	12.9253	160	1.405	
	9.201		178			1.990		160		
	9.023		350			1.830		320		
	27.605	9.2017		1.768		5.970	1.9900		1.725	
7	8.031		148			1.470		167		
	7.883		148			1.273		164		
	7.735		296			1.109		331		
	23.649	7.8830		2.064		3.852	1.2740		2.056	
8	7.942		144			2.401		135		
	7.798		148			2.266		137		
	7.650		292			2.129		272		
	23.390	7.7967		2.356		6.796	2.2653		2.328	
9	7.627		104			2.171		110		
	7.523		102			2.061		110		
	7.421		206			1.951		220		
	22.571	7.5237		2.562		6.183	2.0610		2.548	
10	8.917		107			2.193		104		
	8.810		108			2.089		106		
	8.702		215			1.983		210		
	26.429	8.8097		2.777		6.265	2.0883		2.758	
		77.8265					22.6039			

F.B. 2085 P.G. 57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party P. E. Stock Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 9:45-10:20 Rod No. 19-20

Name LA Co. Precise Level Net
Job No. 0301.02
From BM 11-130 To BM 11-129
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11	8.483	77.8265	095	2.777		2.287	72.6039	098	2.758	
	8.388		098			2.189		096		
	8.290		193			2.093		194		
	25.161	8.3870		2.970		6.569	2.1897		2.952	
12	8.265		074			4.262		086		BM 11-129 (Whittier F-1)
	8.191		072			4.176		087		Norwalk Blvd at
	8.119		146			4.089		173		Beverly Blvd.
	24.575	8.1917		3.116	66°	12.527	4.1757		3.125	See F.B. 1376-116
										Summation of Run
										From B.M. 11-130
										To B.M. 11-129
										Total Backsights = + 94.4052
										Total Foresights = − 28.9693
										Diff. Elev. = + 65.4359
										Backsight stadia = 3.116
										Foresight Stadia = 3.125
										Total Stadia = 6.241
										= 0.40 mi.
		94.4052					28.9693			

F.B. 2885 P.G. 58

76P526-CE 379—10-57

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by K. M. Kapp Time 8:50 - 9:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 11-130 To BM 1-16
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.782		040		19	5.958		041		BM 11-130
	1.742		040			5.917		040		Norwalk Blvd at U.P.R.R.
1	1.702		080			5.877		081		see FB - 2880 - 55
	5.226	1.7420 ✓		080	64°	17.752	5.9173 ✓		081	
	2.451		190			7.831		190		
	2.261		190			7.641		190		T Cook
2	2.071		380			7.451		380		
	6.783	2.2610 ✓		460		22.923	7.6410 ✓		461	
	3.031		191			6.533		195		
	2.890		142			6.388		146		
3	2.748		283			6.240		293		
	8.669	2.8897 ✓		743		19.161	6.3870 ✓		754	
	2.888		197			7.530		196		
	2.691		193			7.334		195		
4	2.498		390			7.139		391		
	8.077	2.6923 ✓		1.133		22.003	7.3343 ✓		1.145	
	2.913		213			8.110		218		
	2.700		210			7.892		214		
5	2.490		423	✓		7.678		432		
	8.103	2.7010 ✓		1.556		23.680	7.8933 ✓		1.577 ✓	
		12.2860 ✓					35.1729 ✓			

F.B. 1885 P.G. 57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by K. M. Kopf
Weather clear
Time 8:50 – 9:20
Inst. No. 15066
Rod No. 17-20

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 11-130 To BM 1-16
Date 11-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	2.748	12.2860	198	1.556		7.151	5.1729	185	1.577	
	2.550		197			6.966		186		
	2.353		395			6.780		371		
	7.651	2.5503		1.951		20.897	6.9657		1.948	
7	4.039		195			6.379		200		Summation of Run From B.M. 11-130 To B.M. 1-16
	3.844		193			6.179		200		
	3.651		388			5.977		400		
	11.534	5.8447		2.337		18.537	6.1790		2.548	
8	4.259		196			6.271		193		Total Backsights = + 32.1947
	4.063		192			6.078		197		Total Foresights = — 66.6690
	3.871		388			5.881		390		Diff. Elev. = — 34.4743
	12.193	4.0643		2.727		18.230	6.0767		2.738	
9	4.630		148			5.840		147		Backsight stadia = 3.247 Foresight Stadia = 3.214 Total Stadia = 6.461 = 0.41 mi.
	4.682		145			5.693		195		
	4.533		293			5.548		292		
	14.045	4.6817		3.027		17.081	5.6937		3.030	
10	4.852		096			6.673		092		BM 1-16 Whittier Blvd. & Norwalk Blvd. See F.B. 1202-21
	4.756		097			6.581		092		
	4.671		173			6.489		184		
	14.303	4.7677		3.217	66°	19.743	6.5813		3.219	
F.B. 1685		32.1947					66.6690			

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 1-16 To BM 1-130
Date 15 Nov. 1962
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.628		.095			4.816		.091		BM 1-16
	6.533		.093			4.720		.098		Norwalk Blvd at Whittier
	6.446		.188			4.622		.194		Blvd.
1	19.601	6.5337		.188	66°	14.158	4.7193		.194	See F.B. 1202-21
	6.859		.149			4.848		.148		
	6.710		.146			4.700		.148		T Cook
2	6.564		.295			4.552		.296		
	17.133	5.7110		.483		14.100	4.7000		.490	
	6.188		.196			4.196		.196		
	5.992		.192			3.980		.192		
3	5.800		.388			3.788		.388		
	17.980	5.9933		.871		11.944	3.9813		.978	
	6.375		.200			4.037		.195		
	6.175		.200			3.842		.194		
4	5.975		.400			3.648		.389		
	18.525	6.1750		.1271		11.527	3.8423		.1267	
	7.022		.190			2.609		.191		
	6.832		.190			2.418		.195		
5	6.642		.380			2.223		.386		
	20.496	6.8320		1.651		7.250	2.4167		1.653	
		31.2450					19.6596			

F.B. 2885 P.G. 61

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15266
Notes by F. E. Brooks Time 9:20 - 9:45 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 2930-42
From BM 11-16 To BM 11-130
Date 15 Nov 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	8.134	3.2450	.218	1.651		1.922	1.6596	.212	1.653	
	7.903		.216			2.710		.210		
	7.685		.476			2.500		.422		
	23.709	7.9030		1.097		6.132	2.7107		2.075	Summation of Run
7	7.620		.194			2.979		.196		From B.M. 11-16
	7.426		.196			2.783		.194		To B.M. 11-130
	7.230		.390			2.589		.390		
	22.276	7.4253		2.477		9.351	2.7837		1.465	Total Backsights = + 66.5594
8	6.514		.144			3.062		.142		Total Foresights = - 32.1187
	6.418		.147			2.920		.142		Diff. Elev. = +34.4707
	6.271		.293			2.778		.284		
	19.253	6.4177		2.770		8.760	2.9200		2.947	Backsight stadia = 3.237
9	7.807		.189			4.429		.189		Foresight Stadia = 3.211
	7.618		.190			2.240		.192		Total Stadia = 6.443
	7.428		.379			2.046		.381		= .44 mi.
	22.853	7.6177		3.149		6.715	2.2390		3.130	
10	6.022		.041			1.846		.040		BM 11-130
	5.981		.042			1.806		.041		Norwalk Blvd at U.P.R.R.
	5.939		.083			1.765		.081		
	17.942	5.9807		1.232	68°	5.417	1.8057		3.211	See F.B. 2880 - 56
		46.6894					32.1187			

F.B. 2882 PG. 42

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY: C.H. LUND FIELD WEATHER Clear 67°F INST. NO.
NOTES BY C.H. LUND DATE 10-5-62 TIME 12:35 — 11:10 ROD NO.
INDEXED E.J. GALLI DATE NOTES CHKD DATE 12/6/62
F.B. 2883 PG. 63

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 1-15 TO BM 1-15A
B.M. 1-15													B.M. 1-15
1	150	550	451	5	173 127	46	204	332	505	5	227 181	46	FOR DESC. SEE F.B. 1202-20
2	90	146	391	5	113 67	46	225	893	526	5	248 202	46	
3	83	059	384	5	106 60	46	228	363	529	5	251 205	46	
4	69	125	370	5	92 46	46	215	122	516	5	240 194	46	
5	107	699	408	5	130 84	46	208	937	509	5	231 185	46	
6	112	449	413	5	132 92	40	209	201	510	5	229 189	40	
7	89	509	390	5	112 66	46	208	083	509	5	231 185	46	
8	98	056	399	5	121 75	46	199	177	500	5	222 176	46	
9	107	422	408	5	126 88	38	134	565	135	5	153 115	38	
					400						400		
TOTAL	908	055	✓				1833	673	✓		400	✓	
							908	055	✓		400	✓	800 METERS = .50 MI
DIFF/ELEV.							— 925	618	=				
BM 1-15A							— 30.	3680	ft				
													B.M. 1-15A
													FOR DESC. SEE F.B. 2851-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 2083 Pg. 69 JOB NO. 030168

SURVEY OF Line Profile & Cross Sections

SURVEY BY Staff NOTES R.A. Rodriguez

INDEXED C. J. Gallo DATE 10/12/62

WEATHER Sunny/Windy INST. NO. 25 22

TIME 11:15 to 11:45 ROD NO. 25 12

NOTES CHKD Koch DATE 12/6/62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MID.	LEFT		STADIA		RIGHT	MID.	LEFT		STADIA		FROM B.M. 1-15A TO B.M. 1-15
B.M. 1-15A					158						139		FROM 1-15A
1	140	070	441	5	121	37	116	084	413	5	97	37	FOR DESC. SEE FB. 2851-15
					230						124		
2	207	363	508	5	184	46	101	148	402	5	78	46	
					236						119		
3	213	363	514	5	190	46	96	830	397	5	73	46	
					235						192		
4	215	603	516	5	195	40	122	209	423	5	102	40	
					241						136		
5	218	439	519	5	195	46	113	200	414	5	90	46	
					245						101		
6	222	279	523	5	199	46	78	309	379	5	55	46	
					257						113		
7	234	436	535	5	211	46	90	315	391	5	67	46	
					252						112		
8	229	000	530	5	206	46	89	452	390	5	66	46	
					231						128		
9	202	798	509	5	180	46	155	822	456	5	122	46	
						399						329	
TOTAL	1984	391	1				963	869	1			328	
	963	869	1									498	METERS = 1.60 MI
DIFFERENCE	975	522	Dif	=	+30.13	48 feet							
B.M. 1-15													B.M. 1-15 FOR DESC. SEE FB. 1202-21

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. K. Lind

NOTES BY H. Huckaby DATE 10-5-62

INDEXED C. J. GALLY DATE

WEATHER Sunny

TIME 1:05 To 1:40

NOTES CHKD [illegible] DATE 12/6/62

F.B. 2883 PG. 65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM By 1-15A TO By 1-16
B.M. 1-15A					87						227		B.M. 1-15A.
1	64	123	365	5	41	46	204	219	505	5	181	46	For Desc. see F.B. 2851-15
					142						226		
2	121	059	422	5	100	42	205	473	506	5	185	41	
					130						227		
3	107	578	408	5	84	46	204	864	505	5	181	46	
					141						214		
4	118	113	419	5	95	46	191	548	492	5	168	46	
					98						181		
5	75	838	376	5	52	46	158	320	459	5	135	46	
					128						210		
6	104	838	405	5	80	46	187	357	488	5	164	46	
					132						207		
7	109	771	410	5	86	46	184	948	485	5	161	46	
					149						209		
8	126	850	427	5	103	46	186	743	487	5	163	46	
					157						244		
9	131	227	432	5	105	52	218	089	519	5	192	52	
TOTALS	959	397				416	1741	561				415	
							959	397				416	
Diff in Elev.							-782	164	cm =			831	METERS = .52 mi
							- 25.6615 feet						
B.M. 1-16													B.M. 1-16 For Desc. see F.B. 1202-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

F.B. 1885 PG. 66 JOB NO. No CHARGE

SURVEY OF L.A. COUNTY TO BE USED FOR ROAD PURPOSES ONLY

SURVEY BY C.J. GALLI NOTES E.R. RODRIGUEZ

INDEXED C.J. GALLI DATE 10/15/12

WEATHER SUNNY INST. NO. 75213

TIME 7:55 TO 2:15 ROD NO. 1 & 2

NOTES CHKD [illegible] DATE 12/6/12

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MID.	LEFT		STADIA		RIGHT	MID.	LEFT		STADIA		FROM B.M. 1-16 TO B.M. 1-15A
B.M. 1-16					241						156		
1	215	740	516	5	189	52	130	708	431	5	109	52	
					210						179		
2	187	350	488	5	164	46	126	240	417	5	103	46	
					208						132		
3	185	033	486	5	162	46	109	248	410	5	86	46	
					203						122		
4	180	953	481	5	157	46	99	270	400	5	76	46	
					193						93		
5	160	470	461	5	127	46	70	088	371	5	47	46	
					205						137		
6	182	070	483	5	159	46	114	056	415	5	91	46	
					217						117		
7	194	983	495	5	171	46	94	907	395	5	71	46	
					217						135		
8	197	846	498	5	176	41	115	881	416	5	95	40	
					220						82		
9	197	728	498	5	174	46	59	499	360	5	36	46	
TOTAL	1762	173				415	919	897				415	
	919	897										415	
DIFFERENCE	+782	276										0	

+782 276 cy = +25,662 feet

0 differences = .52 mi

B.M. 1-15A

FOR DESC SEE F.B. 2851-15

76P526B CE # 308 8-59

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.K. LIND
NOTES BY C.G. VALDEZ DATE 10-8-62
INDEXED C.J. GALLI DATE
WEATHER SUNNY
TIME 10:20 - 11:00
NOTES CHKD DATE
INST. NO.
ROD NO.
F.B. 2885 Pg. 67

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS FROM B.M. 1-16 TO B.M. 1-16A
B.M. 1-16													B.M. 1-16
													FOR. DESC. SEE F.B. 1202-21
1	194	639	495	5	218 / 171	47	181	969	482	5	204 / 158	46	
2	167	959	468	5	190 / 144	46	185	829	486	5	208 / 162	46	
3	173	609	474	5	196 / 150	46	189	039	490	5	212 / 166	46	
4	173	785	474	5	196 / 150	46	163	199	464	5	186 / 140	46	
5	169	655	470	5	195 / 143	52	150	593	451	5	176 / 124	52	R. U. RODRIGUEZ
6	164	463	465	5	187 / 141	46	145	833	446	5	168 / 122	46	
7	168	562	469	5	191 / 146	45	129	697	430	5	152 / 106	46	
8	143	173	444	5	166 / 120	46	153	712	454	5	176 / 130	46	
9	120	761	421	5	143 / 97	46	173	855	474	5	196 / 150	46	
10	186	253	487	5	209 / 163	46	28	216	329	5	51 / 4	47	
TOTAL	1662	858				466	1501	942				467	
	1501	942										466	
DIFF/ELEV.	+160	917	= + 5.2794 feet									933	METERS = .58 mi.
B.M. 1-16A													B.M. 1-16A
													FOR DESC. SEE F.B. 2868-16

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 1-16A TO B.M. 1-16
B.M. 1-16A									B.M. 1-16A
1	25	701	326 5	48 2 46	175	741	476 5	198 152 46	FOR DESC. SEE F.B. 2868-11
2	157	518	458 5	180 133 47	110	569	411 5	133 87 46	
3	156	952	457 5	179 133 46	148	289	449 5	171 125 46	
4	132	534	433 5	155 109 46	171	365	472 5	194 148 46	
5	144	527	445 5	167 121 46	164	408	465 5	187 141 46	
6	153	191	454 5	179 127 52	164	435	465 5	190 138 52	R. J. RODRIGUEZ
7	159	289	460 5	182 136 46	176	929	477 5	199 153 46	
8	175	832	476 5	198 152 46	159	662	460 5	182 136 46	
9	186	847	487 5	209 163 46	171	872	472 5	194 148 46	
10	186	413	487 5	209 163 46	196	509	497 5	219 173 46	
TOTAL	1478	804		467	1639	779		466	
					1478	804		467	METERS = .58 MI
DIFF/ELEV.					-160	975		93	
					-5.2813 feet				
B.M. 1-16									B.M. 1-16
									FOR DESC. SEE F.B. 1202-21

WEATHER SUNNY INST. NO. 713-75
TIME 11:30 - 12:00 ROD NO. 9579
NOTES CHKD. [illegible] DATE 12/6/62

JOB NO. 2301-02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.K. LIND NOTES C.G. VANDEX
INDEXED C. J. CALL DATE

F.B. 2885 PG. 68

76P526B CE # 308 8-59

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Building

[illegible] ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR [illegible] INK WITH DATE AND NAME OF PERSON MAKING CHANGE.

STATION	Rod	Right	Mic.	Left	Elev.	Rod	Right	Mic.	Left	Elev.	Rod	Description and Remarks
B.M. 1-16A												B.M. 1-16A
1		208	943	509	5	218 / 198	20	132	339	433	5	142 / 122	20	FOR DESC. SEE F.B. 2858-16
2		158	795	459	5	181 / 135	46	232	368	533	5	255 / 209	46	
TOTAL		367	738				66	364	707				66
		364	707										66
DIFF/ELEV		+3	031	= ±		0.0994	feet						132	METERS = .08 Mi.
B.M. 1-16B													B.M. 1-16B. FOR DESC. SEE F.B. 2858-16

R.J. Rodriguez

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

SURVEY BY C.K. LIND

NOTES BY R.G. VALDEZ DATE 10-8-62

INDEXED [illegible] GALLI DATE

WEATHER SUNNY

TIME 11:00 - 11:05

NOTES CHKD [illegible] DATE 12/6/6[illegible]

INST. NO. 23750

ROD NO. 95[illegible]

F.B. 2885 PG. 6[illegible]

2885

B.M. 1-[illegible]8											[illegible]-16B
1		692	534	[illegible]	[illegible]	156	[illegible]	[illegible]	179 133	[illegible]	[illegible] SEE F.B. 2858-[illegible]
	30	987	[illegible]	120	[illegible]	20	50	50	217 198	19	
TOTA[illegible]	360	672			[illegible]	3[illegible] 36[illegible]				[illegible]	
DIFF/[illegible]						-3.0[illegible] =				.31	METERS = .08 Mi
B.M. 1-16A						-0.0999 feet					B.M. 1-16A FOR DESC. SEE F.B. 2858-16

R.J. Rodriguez

WEATHER SUNNY
TIME 11:12
NOTES CHKD

F.B. 2885 PG. 70
JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY C.K. LING NOTES C.G. VALDEZ
INDEXED C.J. GAIN DATE