F.B. 2414 P.G. 5

LINE NO 102

L.A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

CONTINUED FROM F.B. 2412 AND 2413

DREIER
MOODY
OHASHI
CERICOLA
LATTERI
ALWIN

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

Microfilmed Nov '85

Name
Job No.
From
To
Date
Indexed

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREW Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed K. G. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2414 P.G. 6

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No Nr 14R552
Notes by G. E. DREIER Time 9:00 TO 9:45 Rod No 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-58 To B.M. 102-59
Date 11-5-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.331		626		#15	5.074		626		B.M. 102-58 (STATE Hwy B.M.)
	5.705		627			4.448		625		Hwy 138 (AVE. D) & 244th ST. W.
	5.078		1.253			3.823		1.251		SEE F.B. 2412-62 FOR DESC.
1	17.114	5.705		1.253	48°	13.345	4.448		1.251	
	6.826		627			5.355		627		
	6.199		624			4.728		626		
	5.575		1.251			4.102		1.253		⊼ J. MOODY
2	18.600	6.200		2.504		14.185	4.728		2.504	
	6.457		635			5.229		622		
	5.822		632			4.607		622		
	5.190		1.267			3.985		1.244		
3	17.469	5.823		3.771		13.821	4.607		3.748	
	6.065		623			5.382		625		
	5.442		622			4.757		626		
	4.820		1.245			4.131		1.251		
4	16.327	5.442		5.016		14.270	4.757		4.999	
	6.108		626			5.808		625		
	5.482		625			5.183		625		
	4.857		1.251			4.558		1.250		
5	16.447	5.482		6.267		15.549	5.183		6.249	
		28.652					23.123			

F.B. 2414 P.G. 7

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 9:00 TO 9:45 Rod No. 15 & 16

Name CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-58 To B.M. 102-59
Date 11-6-57
Indexed K. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.691	28.652	629	6.267		5.698	28.723	622	6.249	
	5.062		628			5.076		623		
	4.434		1.257			4.453		1.245		
6	15.187	5.062		7.524		15.227	5.076		7.494	
	5.518		630			6.466		626		
	4.888		630			5.840		623		
	4.258		1.260			5.217		1.249		
7	14.664	4.888		8.784		17.523	5.841		8.743	
	5.282		624			5.371		623		SUMMATION OF RUN
	4.658		621			4.748		627		B.M. 102-58 TO B.M. 102-59
	4.037		1.245			4.121		1.250		TOTAL BACKSIGHTS +56.262
8	13.977	4.659		10.029		14.240	4.747		9.993	TOTAL FORESIGHTS -44.708
	6.770		501			3.751		499		DIFF IN ELEVATION +11.554
	6.269		500			3.252		500		
	5.769		1.001			2.752		999		
9	18.808	6.269		11.030		9.755	3.252		10.992	
	7.183		451			2.532		464		
	6.732		452			2.068		460		B.M. 102-59
	6.280		903			1.608		924		Hwy 138 AT MAIL BOX 43
10	20.195	6.732		11.933		6.208	2.069		11.916	SEE F.B. 2412-63 FOR DESC
		56.262					44.708		11.933	
									23.849	
									0.45 mi. (.011)	

F.B. 2414 P.G. 8

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G. E. DREIER Time 10:45 TO 11:05 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-59 To B.M. 102-58
Date 11-6-57
Indexed C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2675		446		#15	7353		463		B.M. 102-59
	2229		447			6890		463		STATE HWY 138 AT MAILBOX #43
	1782		893			6427		926		SEE F.B. 2412-63 FOR DESC.
1	6686	2229		893		20670	6890		926	
	3653		501			6668		499		T J. MOODY
	3152		501			6169		498		
	2651		1002			5671		997		
2	9456	3152		1895		18508	6169		1923	
	5423		619			5342		629		
	4804		621			4713		626		
	4183		1240			4087		1255		
3	14410	4803		3135		14142	4714		3178	
	6377		626			5428		630		
	5751		624			4798		630		
	5127		1250			4168		1260		
4	17255	5752		4385		14394	4798		4438	
	5659		627			5642		624		
	5032		625			5018		621		
	4407		1252			4397		1245		
5	15098	5033		5637		15057	5019		5683	
		20969					27590			

F.B. 2414 P.G. 9

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N 142552
Notes by G. E. DREIER Time 10:45 TO 11:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-59 To B.M. 102-58
Date 11-6-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.579	20.969	624	5.637		5.878	27.590	626	5.683	
	4.955		625			5.252		624		
	4.330		1.249			4.628		1.250		
6	14.864	4.955		6.886		15.758	5.253		6.933	
	5.452		624			6.135		623		
	4.828		626			5.512		623		
	4.202		1.250			4.889		1.246		
7	14.482	4.827		8.136		16.536	5.512		8.179	SUMMATION OF RUN
	5.307		636			6.505		620		B.M. 102-59 TO B.M. 102-58
	4.671		636			5.885		619		
	4.035		1.272			5.266		1.239		TOTAL BACKSIGHTS + 44.409
8	14.013	4.671		9.408		17.656	5.885		9.418	TOTAL FORESIGHTS - 55.952
	5.112		623			6.587		629		DIFF IN ELEVATION - 11.543
	4.489		624			5.958		627		
	3.865		1.247			5.331		1.256		
9	13.466	4.489		10.655		17.876	5.959		10.674	
	5.125		627			6.375		623		
	4.498		626			5.752		621		B.M. 102-58 STATE Hwy B.M.
	3.872		1.253			5.131		1.244		STATE Hwy 138 (AVE.D) & 244th ST.W.
10	13.495	4.498		11.908		17.258	5.753		11.918	SEE F.B. 2412-62 FOR DESC.
		44.409					55.952			

F.B. 2414 P.G. 10

11.908
23.826
0.45 mi. .0114

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. NF142552
Notes by J. MOODY Time 9:50 TO 10:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-59 To B.M. 102-60
Date 11-6-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7364		485			3221		504		B.M. 102-59
	6879		487			2717		506		STATE HWY 138 AT MAILBOX #43
1	6392		972			2211		1010		SEE F.B. 2412-63 FOR DESC.
	20635	6.878		972		8.149	2.716		1010	
	9150		637			3081		621		
	8513		634			2460		622		
	7879		1271			1838		1243		↑ G.E. DREIER
2	25542	8.514		2243		7.379	2.460		2253	
	8750		628			3074		623		
	8122		625			2451		623		
	7497		1253			1828		1246		
3	24369	8.123		3496		7.353	2.451		3499	
	8339		625			3430		628		
	7714		624			2802		625		
	7090		1249			2177		1253		
4	23143	7.714		4745		8.409	2.803		4752	
	8121		625			3408		627		
	7496		625			2781		629		
	6871		1250			2152		1256		
5	22488	7.496		5995		8.341	2.780		6008	
		38.725					13.210			

F.B. 2414 P.G. 11

76P525 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Windy, Clear Inst. No. NK 14252
Notes by J. MOODY Time 9:50 to 10:15 Rod No. 15816

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-59 To BM 102-60
Date 11-6-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8062	38.725	622	5.995		3534	13.210	628	6.008	
	7440		622			2906		628		
	6818		1244			2278		1256		
6	23320	7.440		7.239		8.718	2.906		7.264	
	8190		627			3978		626		
	7563		625			3352		624		
	6938		1252			2728		1250		
7	22691	7.564		8.491		10.058	3.353		8.514	
	7497		624			4022		627		SUMMATION OF RUN
	6873		624			3395		625		B.M. 102-59 TO B.M. 102-60
	6249		1248			2770		1252		TOTAL BACKSIGHTS + 74.319
8	20619	6.873		9.739		10.187	3.396		9.766	TOTAL FORESIGHTS − 28.436
	7642		618			4037		631		DIFF IN ELEVATION + 45.883
	7024		616			3406		632		
	6408		1234			2774		1263		
9	21074	7.025		10.973		10.217	3.406		11.029	
	7150		459			2.602		438		BM 102-60
	6691		455			2.164		436		STATE HWY #138 & P.P. #123606-E
	6236		914			1.728		874		SEE F.B. 2912-64 FOR DESC.
10	20077	6.692		11.887		6.494	2.165		11.903	
		74.319					28.436		11.887	
									23.790 = 0.45 mi.	

F.B. 2414 PG. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & WINDY Inst. No. NK 142552
Notes by J. MOODY Time 10:20 to 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-60 To BM 102-59
Date 11-6-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2603		425			7171		468		BM 102-60
	2178		427			6703		465		STAT HWY #138, P.P. #1123606-E
	1751		852			6238		933		SEE F.B. 2412-64 & DESC.
1	6532	2.177		852		20112	6.704		933	
	3524		626			7137		621		
	2898		628			6516		624		
	2270		1254			5892		1245		T G.E.DREIER
2	8692	2.897		2.106		19545	6.515		2.178	
	4162		624			7637		624		
	3538		626			7013		623		
	2912		1250			6390		1247		
3	10612	3.537		3.356		21040	7.013		3.425	
	3944		641			8123		610		
	3303		639			7513		611		
	2664		1280			6902		1221		
4	9911	3.304		4.636		22538	7.513		4.646	
	3519		629			8048		623		
	2890		627			7425		623		
	2263		1256			6802		1246		
5	8672	2.891		5.892		22275	7.425		5.892	
		14.806					35.170			

F.B. 2414 P.G. 13

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY CLEAR Inst. No NK 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by J. MOODY Time 10:20 to 10:45 Rod No. 15 & 16 Job No. 030102
From BM 102-60 To BM 102-59
Date 11-6-57
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
	3550	14.806	621	5.892		8271	35.170	629	5.892	
	2929		620			7642		629		
	2309		1241			7013		1258		
6	8.788	2.929		7.133		22926	7.642		7.150	
	3527		625			8440		627		
	2902		622			7813		625		
	2280		1247			7188		1252		
7	8.709	2.903		8.380		23441	7.814		8402	SUMMATION OF RUN
	3277		620			8954		627		B.M. 102-60 TO B.M. 102-59
	2657		620			8327		629		TOTAL BACKSIGHTS +28.498
	2037		1240			6698		1256		TOTAL FORESIGHTS −74.369
8	7.971	2.657		9.620		24.979	8.326		9.658	DIFF IN ELEVATION −45.871
	3092		630			9141		625		
	2462		631			8516		626		
	1831		1261			7890		1251		
9	7.385	2.462		10.881		25547	8.516		10.909	
	3244		503			7390		489		BM 102-59
	2741		502			6901		489		STATE HWY 138 AT MAILBOX #43
	2239		1005			6412		978		SEE F.B. 2412
10	8224	2.741		11886		20703	6.901		11887	
		28.498					74.369			

F.B. 2414 P.G. 14

76P526 S & E #379 1-54

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Chief of Party T. E. DREIER Weather CLEAR Inst. No. NK 19252
Notes by J. MOODY Time 12:50 to 1:15 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From BM 102-60 To BM 102-59
Date 11-20-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3109		423		#15	7694		482		BM 102-60
	2686		425			7212		482		STATE HWY #138, P.P. # U236065
	2261		848			6730		964		SEE F.B. 2412-64 FOR DESC.
1	8056	2.685		.848	70°	21636	7.212		.968	
	3829		648			7403		603		
	3181		649			6800		606		T. DREIER
	2532		1297			6194		1209		
2	9542	3.181		2.145		20397	6.799		2.177	
	3980		633			7447		625		
	3347		635			6822		624		
	2712		1268			6198		1249		
3	10039	3.346		3.413		20467	6.822		3.426	
	3482		630			7691		631		
	2852		633			7060		630		
	2219		1263			6430		1261		
4	8553	2.851		4.676		21181	7.060		4.687	
	2893		631			7423		625		
	2262		631			6798		626		
	1631		1262			6172		1253		
5	6786	2.262		5.938		20393	6.798		5.940	
		14.325					34.691			

F.B. 2414 P.G. 15

76P526 S & E #379 1-54

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Chief of Party J. E. DREIER Weather CLEAR Inst. No NK142552
Notes by J. MOODY Time 12:50 to 1:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-60 To BM 102-59
Date 11-20-57
Indexed E. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3130	14.325	631	5938		7840	34.691	627	5940	
	2499		628			7213		626		
	1871		1259			6587		1253		
6	7500	2.500		7197		21640	7.213		7193	
	3692		628			8602		628		
	3064		628			7974		625		
	2436		1256			7349		1253		SUMMATION OF RUN
7	9192	3.064		8453		23925	7.975		8446	BM 102-60 to BM 102-59
	3668		629			9339		629		TOTAL BACKSIGHTS +28.440
	3039		628			8710		629		TOTAL FORESIGHTS -74.317
	2411		1257			8081		1258		DIFF IN ELEV. -45.877
8	9118	3.039		9710		26130	8.710		9704	
	3419		638			9463		626		
	2781		639			8837		627		
	2142		1277			8210		1253		
9	8342	2.781		10987		26510	8.837		10957	
	3217		486			7391		500		BM 102-59
	2731		486			6891		500		STATE HWY #138 AT MAIL BOX #03
	2245		972			6391		1000		SEE F.B. 2412-63 FOR DESC
10	8193	2.731		11959		20673	6.891		11957	
		28.440					74.317			

F.B. 2414 P.G. 16

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK142552
Notes by J. Moody Time 1:30 to 1:55 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM102-59 To BM102-60
Date 11-20-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7263		481		75	3131		510		BM102-59
	6782		481			2621		510		STATE HWY #138, AT MAIL BOX #43
	6301		962			2111		1020		SEE F.B. 2412-63 FOR DESC.
1	20346	6.782		962	70°	7863	2.621		1020	
	9598		630			3551		637		
	8968		628			2914		636		T DREIER
	8340		1258			2278		1273		
2	26906	8.969		2220		8743	2.914		2293	
	9376		644			3677		615		
	8732		642			3062		616		
	8090		1286			2446		1231		
3	26198	8.733		3506		9185	3.062		3524	
	8527		629			3617		629		
	7898		627			2988		630		
	7271		1256			2358		1259		
4	23696	7.899		4762		8963	2.988		4783	
	8635		621			3919		628		
	8004		632			3291		629		
	7372		1253			2662		1257		
5	24011	8.004		6015		9872	3.291		6040	
		40387					14876			

F.B. 2414 P.G. 17

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 19255
Notes by J. MOODY Time 1130 to 155 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030103
From BM 102-59 To BM 102-60
Date 11-20-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7443	10.387	624	6.015		2916	12.876	633	6.040	
	6819		625			2283		631		
	6194		1249			1652		1264		
6	20456	6.819		7.264		6851	2.284		7.304	SUMMATION OF RUN
	7704		632			3491		628		BM 102-59 to BM 102-60
	7072		632			2863		626		TOTAL BACKSIGHTS +75.399
	6440		1264			2237		1254		TOTAL FORESIGHTS -29.523
7	21216	7.072		8.528		8591	2.864		8.558	DIFF IN ELEV. +45.876
	7511		629			4033		628		
	6882		630			3405		628		
	6252		1259			2777		1256		
8	20645	6.882		9.787		10215	3.405		9.814	
	8127		639			4480		609		
	7488		638			3871		612		
	6850		1277			3259		1221		
9	22465	7.488		11.064		11610	3.870		11.035	
	7198		447			2676		452		BM 102-60
	6751		446			2224		451		STATE HWY #138, P.P. #123606-E
	6305		893			1773		903		SEE F.B. 2412-64 FOR DESC.
10	20254	6.751		11.957		6673	2.224		11.938	
		75.399					29.523			

F.B. 2414 P.G. 18

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY & CLEAR Inst. No. N-1425.52
Notes by T. OHASHI Time 12:30 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.102
From BM 102-60 To BM 102-61
Date 11-6-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5332		623		#15	4869		630		BM 102-60
	4709		622			4239		629		STATE Hwy 138 & P.P. 1128606E
	4087		1245			3610		1259		SEE F.B. 2412-64 FOR DESC
1.	14128	4709		1245		12718	4239		1259	
	7244		619			4453		631		⊼ J. MOODY
	6625		621			3822		627		
	6004		1240			3195		1258		
2	19873	6624		2485		11470	3823		2517	
	7093		622			4359		628		
	6471		623			3731		629		
	5848		1245			3102		1257		
3.	19412	6471		3730		11192	3731		3774	
	7005		632			3730		632		
	6373		631			3098		636		
	5742		1263			2462		1268		
4.	19120	6373		4993		9296	3097		5042	
	6577		626			2922		641		
	5951		623			2281		642		
	5328		1249			1639		1283		
5.	17856	5952		6242		6842	2281		6325	
		30129					17171			

F.B. 2414 P.G. 19

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY & CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:30 TO 1:00 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-60 To BM 102-61
Date 11-6-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6758	30129	663	6242		3987	17.171	605	6325	
	6095		663			3382		603		
	5432		1326			2789		1208		
6.	18285	6.095		7568		10178	3.393		7.533	
	6662		621			4470		643		
	6041		620			3827		645		
	5421		1241			3182		1288		
7.	18124	6.041		8809		11479	3.826		8.821	SUMMATION OF RUN
	8749		646			6075		618		BM 102-60 TO BM 102-61
	8103		645			5457		618		TOTAL BACKSIGHT + 65.542
	7458		1291			4839		1236		TOTAL FORESIGHT − 37.010
8	24310	8.103		10.160		16371	5.457		10.057	DIFF IN ELEV. + 28.532
	6851		493			5901		513		
	6358		491			5388		512		
	5867		984			4876		1025		
9	19076	6.359		11.084		16165	5.388		11.082	
	9301		485			2258	34235	483		BM 102-61
	8816		487			1775		483		STATE Hwy 138 & LA. CITY AQUEDUCT
	9329		972			1292		966		SEE F.B. 2412-65 FOR DESC.
10	26446	8.815		12056		5325	1.775		12.048	
		65.542					37.010		12.056	
									24.104	
									= 0.46 MI.	

F.B. 2416 P.G. 20

76F526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy & Clear Inst. No. Nr-142552
Notes by J. OHASHI Time 1:10 To 1:40 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-61 To BM 102-60
Date 11-6-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2357		485		#15	9399		487		BM 102-61
	1872		483			8912		484		STATE HWY. 138 & LA. CITY AQUEDUCT
	1389		968			8428		971		SEE F.B. 2412-65 FOR DESC
1.	5.618	1.873		968		26.739	8.913		971	
	4845		497			5817		501		TT J. MOODY
	4348		498			5316		500		
	3850		995			4816		1001		
2.	13.043	4.348		1.963		15.949	5.316		1.972	
	6063		618			8738		647		
	5445		618			8091		644		
	4827		1236			7447		1291		
3.	16.335	5.445		3.199		24.276	8.092		3.263	
	5480		647			7670		619		
	4833		645			7051		621		
	4188		1292			6430		1240		
4.	14.501	4.834		4.491		21.151	7.050		4.503	
	5377		630			8090		639		
	4747		630			7451		640		
	4117		1260			6811		1279		
5.	14.241	4.747		5.751		22.352	7.451		5.782	
		21.247					36.822			

F.B. 2414 P.G. 21

76P526 S & E #379 1-54

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Chief of Party C. F. DREIER Weather Windy & Clear Inst. No. Nr 142552
Notes by T. OHASHI Time 1:10 To 1:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-61 To BM 102-60
Date 11-6-57 [redacted]
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6352	21.247	630	5751		8032	36.822	640	5782	
	3722		630			7392		638		
	3092		1260			6754		1278		
6	11.166	3.722		7011		22178	7.393		7060	
	5121		636			8393		631		
	4485		636			7762		629		
	3849		1272			7133		1260		
7	13455	4.485		8283		23288	7.763		8320	SUMMATION OF RUN
	4938		639			7651		613		BM 102-61 TO BM. 102-60
	4299		638			7038		612		TOTAL BACKSIGHT + 43.001
	3661		1277			6426		1225		TOTAL FORESIGHT − 71.535
8	12898	4.299		9560		21115	7.038		9545	DIFF IN ELEV. − 28.534
	5648		633			7836		620		
	4415		633			7216		621		
	3782		1266			6595		1241		
9	13245	4.415		10826		21647	7.216		10786	
	5455		622			5935		632		BM. 102-60
	4833		621			5302		630		STATE HWY. 138 & P.P. # 1123606 E
	4212		1243			4672		1262		SEE F.B 2412-64 FOR DESC.
10	14508	4833		12069		15909	5.303		12048	
		43.001					71.535		12069	
									24.117 = 0.46 MI.	

F.B. 2414 P.G. 22

[illegible] 1-54

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Chief of Party G. E. DREIER Weather ~~Windy~~ PART CLOUDY Inst. No. N.K. 142552
Notes by J. MOODY Time 12:30 to 1:00 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. P.3.01.02
From B.M. 102-61 To B.M. 102-62
Date 11-13-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3789		518		#15	10645		512		B.M. 102-61 (L.A. DEPT. W. & P. 104-A)
	3271		519			10133		511		STATE Hwy 138 & L.A. CITY AQUEDUCT
	2752		1037			9622		1023		SEE F.B. 2412-65
1	9812	3.271		1.037	60°	30400	10.133		1.023	
	5872		624			4839		643		
	5248		623			4196		645		T G.E. DREIER
	4625		1247			3551		1288		
2	15745	5.248		2.284		12586	4.195		2.311	
	8022		641			5678		626		
	7381		643			5052		625		
	6738		1284			4427		1251		
3	22141	7.380		3.568		15157	5.052		3.562	
	8321		641			5397		635		
	7680		641			4762		631		
	7039		1282			4131		1266		
4	23040	7.680		4.850		14290	4.763		4.828	
	6450		625			5272		634		
	5825		626			4638		636		
	5199		1251			4002		1270		
5	17474	5.825		6.101		13912	4.637		6.098	
		29.404					28.780			

F.B. 2414 P.G. 23

76P526 S & E #379 1-54

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Chief of Party T. DREIER Weather PART CLOUDY WINDY Inst. No. NK-142552
Notes by J. MOORE Time 12:30 to 1:00 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-61 To B.M. 102-62
Date 11-13-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6158	29.404	620	6.101		3894	28.780	635	6.098	
	5538		621			3259		633		
	4917		1241			2626		1268		
6	16.613	5.538		7.342		9.779	3.260		7.366	
	6553		625			5418		630		
	5928		625			4788		631		
	5303		1250			4157		1261		
7	17.784	5.928		8.592		14.363	4.788		8.627	
	6246		624			5598		635		
	5622		624			4963		634		
	4998		1248			4329		1269		
8	16.866	5.622		9.840		14.890	4.963		9.896	
	5858		635			5543		625		
	5223		635			4918		625		
	4588		1270			4293		1250		
9	15.669	5.223		11.110		14.754	4.918		11.146	
	5800		618			5378		637		
	5182		615			4741		639		
	4567		1233			4102		1276		
10	15.549	5.183		12.343		14.221	4.740		12.422	
		56.898					51.449			

F.B. 2414 P.G. 24

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY PART CLOUDY Inst. No NK 142552
Notes by J. MOODY Time 12:30 TO 1:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 102-61 To BM 102-62
Date 11-13-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6743	56.898	656	12.343		6770	51.449	606	12.022	
	6087		656			6164		606		
	5431		1312			5558		1212		
11	18.261	6.087		13.655		18.492	6.164		13.634	
	5977		665			4921		662		
	4812		666			4259		662		BM 102-62
	4146		1331			3597		1324		STATE HWY 138, 0.35' N.W. OF 260th ST.
12	14.435	4.812		14.986		12.777	4.259		14.978	SEE F.B. 2412-66 FOR DESC.
									14.986 29.964 =0.57mi.	
										013
										SUMMATION OF RUN B.M. 102-61 TO B.M. 102-62
										TOTAL BACKSIGHTS +67.797
										TOTAL FORESIGHTS -61.872
										DIFF IN ELEVATION +5.925
		67.797					61.872			

F.B. P.G.

FB 2414 PG 25

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND Inst. No. NK 14252
Notes by J. MOODY Time 1:00 to 1:30 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-62 To BM102-61
Date 11-13-52 C. [illegible]
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4558		657			5120		667		BM102-62
	3901		658			4453		665		STATE HWY 138, 0.35 MI. W. OF 260 W. ST.
	3243		1315			3788		1332		SEE F.B 2412-66 FOR DESC.
1	11.702	3.901		1315		13.361	4.454		1332	
	5193		623			5120		631		
	4570		625			4489		631		
	3945		1248			3858		1262		
2	13.708	4.569		2.563		13.467	4.489		2.594	
	5507		627			5952		629		
	4880		626			5323		627		
	4254		1253			4696		1256		
3	14.641	4.880		3.816		15.971	5.324		3.850	
	5319		624			5632		634		
	4695		624			4998		633		
	4071		1248			4365		1267		
4	14.085	4.695		5.064		14.995	4.998		5.117	
	5116		629			5772		628		
	4487		628			5144		626		
	3859		1257			4518		1254		
5	13.462	4.487		6.321		15.434	5.145		6.371	
		22.532					24.410			

F.B. 2414 PG. 26

F.B. P.G.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY Inst. No. N-192552
Notes by J. MOODY Time 1:00 to 1:30 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-62 To BM 102-61
Date 11-13-57 ~~L. C. Johnson~~
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5541	22.532	622	6321		6692	24.410	631	6371	
	4919		621			6061		633		
	4298		1243			5428		1264		
6	14.758	4.919		7564		18.181	6.060		7635	
	4057		630			6327		627		
	3427		633			5700		627		
	2794		1263			5073		1254		
7	10.278	3.426		8827		17.100	5.700		8889	
	5329		626			6527		637		
	4703		625			5890		636		
	4078		1251			5254		1273		
8	14.110	4.703		10.078		17.671	5.890		10162	
	4110		629			7038		641		
	3481		629			6397		644		
	2852		1258			5753		1285		
P.G. 9	10.443	3.481		11336		19.188	6.396		11447	
	4527		623			6875		643		
	3904		622			6232		642		
	3282		1245			5590		1285		
F.B. 10	11.713	3.904		12581		18.697	6.232		12732	
		42.965					54.688			

EA 2414 PG. 27

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WIND Inst. No NK 14252
Notes by J. MOODY Time 100 to 1:30 Rod No 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-62 To BM 102-61
Date 11-13-57 L. O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4565	42.965	636	12.581		5613	54.688	631	12.732	
	3929		636			4982		631		
	3293		1272			4351		1262		
11	11.787	3.929		13853		14.946	4.982		13994	
	10.775		553			3838		478		BM. 102-61 (L.A. DEPT W&P. 104-A)
	10222		552			3360		478		STATE HWY 138 & L.A. CITY AQUEDUCT
	9670		1105			2882		956		SEE F.B. 2412-65 FOR DESC.
12	30667	10.222		14958		10.080	3.360		14950	
										SUMMATION OF RUN
										BM 102-62 to BM 102-61
										TOTAL BACKSIGHTS +57.116
										TOTAL FORESIGHTS -63.030
										DIFF IN ELEV. -5.914
										F.B. P.G.
		57.116					63.030			

F.B. 2414 Pg. 28

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by G. E. DREIER Time 9:10 TO 9:40 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 102-62 To B.M. 102-63
Date 11-18-57
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.211		620		#15	5.600		629		B.M. 102-62
	4.591		622			4.971		629		AVE C 15, 0.35 MI. W. OF 260th ST. W.
	3.969		1.242			4.342		1.258		SEE F.B. 2412-66 FOR DESC.
1	13.771	4.590		1.242	48°	14.913	4.971		1.258	
	5.666		628			5.441		623		
	5.038		627			4.818		626		T. J. MOODY
	4.411		1.255			4.192		1.249		
2	15.115	5.038		2.497		14.451	4.817		2.507	
	5.047		626			6.647		628		
	4.421		624			6.019		624		
	3.797		1.250			5.395		1.252		
3	13.265	4.422		3.747		18.061	6.020		3.759	
	5.202		623			7.051		628		
	4.579		627			6.423		625		
	3.952		1.250			5.798		1.253		
4	13.733	4.578		4.997		19.272	6.424		5.012	
	9.950		625			6.495		628		
	4.325		625			5.867		628		
	3.700		1.250			5.239		1.256		
5	12.975	4.325		6.247		17.601	5.867		6.268	
		22.953					28.099			

F.B. 2414 P.G. 29

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by G. E. DREIER Time 9:10 TO 9:40 Rod No. 15816

Name A. CO. PRECISE LEVEL NF
Job No. 030102
From B.M. 102-62 To B.M. 102-63
Date 11-18-57
Indexed J. C. Johnson

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
	5360	22.953	622	6.247		6.708	28.099	627	6.268	
	4.738		626			6.081		627		
	4.112		1.248			5.454		1.254		
6	14.210	4.737		7.495		18.243	6.081		7.522	
	4.203		625			6.535		626		
	3.578		627			5.909		624		
	2.951		1.252			5.285		1.250		
7	10.732	3.577		8.747		17.729	5.910		8.772	
	4.785		626			6.851		624		
	4.159		624			6.227		625		
	3.535		1.250			5.602		1.249		
8	12.479	4.160		9.997		18.680	6.227		10.021	
	5.057		624			6.031		624		
	4.433		623			5.407		625		
	3.810		1.247			4.782		1.249		
9	13.300	4.433		11.244		16.220	5.407		11.270	
	5.362		619			6.462		629		
	4.743		621			5.833		629		
	4.122		1.240			5.204		1.258		
10	14.227	4.742		12.484		17.499	5.833		12.528	
		44.602					57.557			

F.B. 2414 P.G. 30

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No N-142552
Notes by G. E. DREIER Time 9:10 TO 9:40 Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-62 To B.M. 102-63
Date 11-18-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.788	44.602	512	12.484		2.656	37.557	504	12.528	
	6.276		512			2.152		502		
	5.764		1.024			1.650		1006		
11	18.828	6.276		13.508		6.458	2.153		13.534	
	10.495		346			2.921		337		
	10.149		347			2.584		337		B.M. 102-63
	9.802		693			2.247		674		AVE C 15 AT POTATO SHED & CURVETON,
12	30.446	10.149		14.201		7.752	2.584		14.208	SEE F.B. 2412-67 FOR DESC.
									14.201	
									28.409	
									0.54 mi	
										SUMMATION OF RUN
										B.M. 102-62 TO B.M. 102-63
										TOTAL BACKSIGHTS +61.027
										TOTAL FORESIGHTS -62.294
										DIFF IN ELEVATION -1.267
		61.027					62.294			

F.B. 2414 P.G. 31

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed K. C. Johnson

Number of Station	BACKSIGHT: Thread Readings	BACKSIGHT: Mean	BACKSIGHT: Thread Intervals	BACKSIGHT: Sum of Intervals	B. S. Rod and Temp.	FORESIGHT: Thread Readings	FORESIGHT: Mean	FORESIGHT: Thread Intervals	FORESIGHT: Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 2414 P.G. 32										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:30 TO 9:10 Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-65 To BM. 102-62
Date 11-18-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.044		337		#15	10.618		347		B.M. 102-63
	2.707		337			10.271		346		AVE C 15 AT POTATO SHED.
	2.370		674			9.925		693		SEE F.B. 2412-67 FOR DESC.
1	8.121	2.707		.674	47°	30.814	10.271		.693	
	2.598		502			6.728		511		
	2.096		502			6.217		510		
	1.594		1004			5.707		1021		T. J. MOODY
2	6.288	2.096		1.678		18.652	6.217		1.714	
	6.438		623			5.350		628		
	5.815		623			4.722		625		
	5.192		1.246			4.097		1.253		
3	17.445	5.815		2.924		14.169	4.723		2.967	
	6.150		624			5.176		625		
	5.526		625			4.551		623		
	4.901		1.249			3.928		1.248		
4	16.577	5.526		4.173		13.655	4.552		4.215	
	6.880		623			4.811		624		
	6.257		627			4.187		626		
	5.630		1.250			3.561		1.250		
5	18.767	6.256		5.423		12.559	4.186		5.465	
		22.400					29.949			

F.B. 2414 P.G. 33

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No N-142,552 Name L. A. CO. PRECISE LEVEL NET
Notes by G. E. DREIER Time 8:30 TO 9:10 Rod No 15 & 16 Job No 0301.02
From BM.102-63 To BM.102-62
Date 11-18-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.831	22.400	630	5.423		4.491	29.949	623	5.465	
	6.201		626			3.868		625		
	5.575		1.256			3.243		1.248		
6	18.607	6.202		6.679		11.602	3.867		6.713	
	6.719		640			5.345		612		
	6.079		640			4.733		612		
	5.439		1.280			4.121		1.224		
7	18.237	6.079		7.959		14.199	4.733		7.937	
	6.512		628			4.963		624		
	5.884		627			4.339		621		
	5.257		1.255			3.718		1.245		
8	17.653	5.884		9.214		13.020	4.340		9.182	
	7.019		628			5.168		626		
	6.391		626			4.542		623		
	5.765		1.254			3.919		1.249		
9	19.175	6.392		10.468		13.629	4.543		10.431	
	6.707		630			5.100		623		
	6.077		626			4.477		626		
	5.451		1.256			3.851		1.249		
10	18.235	6.078		11.724		13.428	4.476		11.680	
		53.035					51.908			

F.B. 2414 P.G. 34

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G. E. DREIER Time 8:30 TO 9:10 Rod No. 15 & 16

Name L. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-63 To B.M. 102-62
Date 11-18-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.542	53.035	615	11.724		5.781	51.908	634	11.680	
	4.927		616			5.147		637		
	4.311		1.231			4.510		1.271		
11	14.780	4.927		12.955		15.438	5.146		12.951	
	5.552		627			5.162		621		
	4.925		627			4.541		623		B.M. 102-62
	4.298		1.254			3.918		1.244		AVE C 15, 0.35 MI. W. OF 260th ST.
12	14.775	4.925		14.209		13.621	4.540		14.195	SEE F.B. 2412-66 FOR DESC.
									14.209	
									28.404	
									= 0.54	41. 0.0125
										SUMMATION OF RUN
										B.M. 102-63 TO BM 102-62
										TOTAL BACKSIGHT + 62.887
										TOTAL FORESIGHT - 61.594
										DIFF IN ELEV. + 1.293
		62.887					61.594			

F.B. 2414 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed L. G. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2414 P.G. 36										

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather CLEAR - SUN Inst. No. NK 142552
Notes by J. MOODY Time 8:50 to 9:20 Rod No. 15 #16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-63 To BM 102-62
Date 12-11-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3113		339		#15	10682		344		BM 102-63
	2779		337			10338		344		AVE C-15 at Potato SHED & CURVE to
	2437		676			9994		688		SEE F.B. 2412-67 for DESC.
1	8324	2.775		.676	64°	31014	10.338		.688	
	1579		496			5721		513		
	1083		494			5208		516		T G.E. DREIER
	0589		990			4692		1029		
2	3251	1.084		1.666		15621	5.207		1.717	
	8067		643			6961		627		
	7424		641			6334		625		
	6783		1284			5709		1252		
3	22274	7.425		2.950		19004	6.335		2.969	
	7769		630			6798		631		
	7139		630			6167		635		
	6509		1260			5532		1266		
4	21417	7.139		4.210		18497	6.166		4.235	
	8287		634			6219		634		
	7653		631			5585		633		
	7022		1265			4952		1267		
5	22962	7.654		5.475		16756	5.585		5.502	
		26.077					33.631			

F.B. 2414 P.G. 37

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party DREIER Weather CLEAR Inst. No NK-182552
Notes by J. MOORY Time 8:50 to 9:20 Rod No. 15816

L. A. CO PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 102-63 To BM 102-62
Date 12-11-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8331	26.077	632	5475		6002	33.631	636	5502	
	7699		632			5366		637		
	7067		1264			4729		1273		
6	23097	7.699		6739		16097	5.366		6775	
	8027		635			6684		639		
	7392		632			6045		638		
	6760		1267			5407		1277		
7	22179	7.393		8006		18136	6.045		8052	
	7629		636			6090		639		
	6993		634			5451		640		
	6359		1270			4811		1279		
8	20981	6.994		9276		16352	5.451		9331	
	8299		643			6431		623		
	7656		647			5808		627		
	7009		1290			5181		1250		
9	22964	7.655		10566		17420	5.807		10581	
	8135		632			6540		637		
	7503		632			5903		636		
	6871		1264			5267		1273		
10	22509	7.503		11830		17710	5.903		11854	
		63.321					62.203			

F.B. 2414 P.G. 38

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No NK 14252
Notes by J. MOODY Time 8:50 to 9:20 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-63 To BM 102-62
Date 12-11-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7081	63.321	634	11.830		7302	62.203	638	11.854	
	6447		636			6664		638		
	5811		1270			6026		1276		
11	19339	6.446		13100		19992	6.664		13130	
	5311		640			4901		611		BM 102-62
	4671		639			4290		612		AVE C-15, 0.35 MI. W. OF 260th St W.
	4032		1279			3678		1223		SEE F.B. 2412-66 FOR DESC.
12	14014	4.671		14379		12869	4.290		14353	
										SUMMATION OF RUN BM 102-63 to BM 102-62
										TOTAL BACKSIGHTS +74.438
										TOTAL FORESIGHTS -73.157
										DIFF IN ELEV +1.281
										F.B. 2414 PG. 39
		74.438					73.157			

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR - SUN Inst. No. HC 142552
Notes by J. MOODY Time 9:30 to 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-62 To BM 102-63
Date 12-11-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4922		616		15	5326		639		BM 102-62
	4306		617			4687		638		AVE C-15, 0.35 MI. W. OF 260TH ST. W.
	3689		1233			4049		1277		SEE F.B. 2412-66 FOR DESC.
1	12917	4306		1233	66°	14062	4.687		1277	
	7413		639			7191		634		
	6774		640			6557		636		T G.E. DREIER
	6134		1279			5921		1270		
2	20321	6.774		2512		19669	6.556		2547	
	6549		639			8141		632		
	5910		639			7509		635		
	5271		1278			6874		1267		
3	17730	5.910		3790		22524	7.508		3814	
	6438		627			8306		647		
	5811		624			7659		608		
	5187		1251			7011		1295		
4	17436	5.812		5041		22976	7.659		5109	
	6283		633			7840		647		
	5650		632			7193		647		
	5018		1265			6546		1294		
5	16951	5.650		6306		21579	7.193		6403	
		28.452					33.603			

F.B. 2414 P.G. 40

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. NR 142552
Notes by J. MOODY Time 9:30 to 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-62 To BM102-63
Date 12-11-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6763	28.452	655	6306		8070	33.603	618	6403	
	6108		657			7452		619		
	5451		1312			6833		1237		
6	18.322	6.107		7.618		22355	7.452		7.640	
	6127		644			8446		628		
	5483		642			7818		628		
	4841		1286			7190		1256		
7	16451	5.484		8904		23454	7.818		8896	
	6231		632			8301		632		
	5599		631			7669		632		
	4968		1263			7037		1264		
8	16798	5.599		10167		23007	7.669		10.160	
	6893		628			7878		639		
	6265		629			7239		640		
	5636		1257			6599		1279		
9	18.794	6.265		11424		21716	7.239		11439	
	7067		629			8170		643		
	6438		629			7527		645		
	5809		1258			6882		1288		
10	19.314	6.438		12682		22579	7.526		12727	
		58.345					71.307			

F.B. 2414 P.G. 41

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. NK 142552
Notes by J. MOORY Time 9:30 to 10:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-62 To BM 102-63
Date 12-11-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6880	58.545	504	12.682		2770	71.307	519	12.727	
	6376		505			2251		517		
	5871		1009			1734		1036		
11	19127	6.376		13691		6755	2.252		13763	
	10907		365			3299		320		BM 102-63
	10542		364			2979		319		AVE C-15 AT POTATO SHED & CURVETON
	10178		729			2660		639		SEE F.B. 2412-67 FOR DESC.
12	31627	10.542		14420		8938	2.979		14402	
										SUMMATION OF RUN
										BM 102-62 to BM 102-63
										TOTAL BACKSIGHTS + 75.263
										TOTAL FORESIGHTS − 76.538
										DIFF IN ELEV. − 1.275
		75.263					76.538			

F.B. 2414 P.G. 22

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREFER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9:45 TO 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-63 To BM 102-64
Date 11-19-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4840		621		#15	6235		636		B.M. 102-63
	4219		620			5599		634		AVE @ 15 AT 269th ST. W
	3599		1241			4965		1270		SEE F.B 2412-67 FOR DESC
1.	12.658	4.219		1241		16.799	5.600		1270	
	4029		628			8159		627		⊼ J. MOODY
	3401		626			7532		629		
	2775		1254			6903		1256		
2	10205	3.402		2495		22.594	7.531		2526	
	2585		636			9279		625		
	1949		636			8654		624		
	1313		1272			8030		1249		
3.	5.847	1.949		3767		25.963	8.654		3775	
	2912		631			8558		629		
	2281		630			7929		627		
	1651		1261			7302		1256		
4.	6.844	2.281		5028		23.789	7.930		5031	
	3323		628			7370		628		
	2695		627			6742		627		
	2068		1255			6115		1255		
5.	8086	2.695		6283		20227	6.742		6286	
		14.546					36.457			

F.B. 2414 P.G. 43

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9.45 TO 10.20 Rod No. 15,16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-63 To BM 102-64
Date 11-19-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1711	14.546	629	6.283		9420	36.457	631	6.286	
	1082		628			8789		631		
	0454		1257			8158		1262		
6.	3247	1.082		7.540		26.367	8789		7.548	
	2967		632			8119		631		
	2335		633			7488		630		
	1702		1265			6858		1261		
7.	7.004	2.335		8.805		22.465	7.488		8.809	
	3089		630			8458		632		
	2459		628			7826		632		
	1831		1258			7194		1264		
8.	7.379	2.460		10.063		23.478	7.826		10.073	
	2267		632			8678		626		
	1635		634			8052		624		
	1001		1266			7428		1250		
9.	6.903	1.634		11.329		24.158	8.053		11.323	
	3005		634			7799		638		
	2371		632			7161		636		
	1739		1266			6525		1274		
10	7.115	2.371		12.595		21.485	7.162		12.597	
		24.429					75.775			

F.B. 2414 P.G. 44

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. Nr 142552
Notes by T. OHASHI Time 9.45 To 10:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-63 To BM 102-64
Date 11-19-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3728	24.429	633	12.595		8407	75.775	634	12.597	
	3095		633			7773		632		
	2462		1266			7141		1266		
11.	92857	3.095		13.861	58°	23.321	7.774		15.863	
	2188		629			7538		621		
	1559		629			6914		619		
	0930		1258			6295		1240		
12.	46777	1.559		15.119		20.744	6.915		15.163	
	7921		360			5228		337		BM 102-64 (U.S. U-305 1935)
	7561		359			4891		338		AVE C6 & 269th ST. W.
	7202		719			4553		675		SEE F.B 2412-68 FOR DESC.
13.	22684	7.561		15.838		14.672	4.891		15.778	
									15.838	
									31.616	
									= 0.6 MI.	
									.0130	SUMMATION OF RUN
										BM 102-63 TO BM 102-64
										TOTAL BACKSIGHT + 36.644
										TOTAL FORESIGHT − 95.355
										DIFF IN ELEV. − 58.711
		36.644					95.355			

F.B. 2414 P.G. 45

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. CO PRECISE LEVEL NET
Job No.
From To
Date
Indexed L. O. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2414 P.G. 46										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. Nt 142552
Notes by G. E. DREIER Time 12:50 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-64 To B.M. 102-63
Date 11-18-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.091		351		#15	6.770		359		B.M. 102-64 (N.S.
	3.740		351			6.411		359		AVE C6 & 269th ST. W.
	3389		702			6.052		718		SEE F.B. 2412-68 FOR DESC.
1	11.220	3.740		.702	64°	19.233	6.411		.718	
	7.330		620			1.980		627		
	6.710		619			1.353		628		⊼ J. MOODY
	6.091		1.239			0.725		1.255		
2	20.131	6.710		1.941		4.058	1.353		1.973	
	8.180		632			3502		631		
	7.548		631			2.871		632		
	6.917		1.263			2239		1263		
3	22.645	7.548		3.204		8.612	2.871		3.236	
	7.503		642			2.697		627		
	6.861		642			2.070		628		
	6219		1.284			1.442		1.255		
4	20.583	6.861		4.488		6.209	2.070		4.491	
	8.711		627			2.298		631		
	8.084		627			1.667		630		
	7.457		1.254			1.037		1261		
5	24.252	8.084		5.742		5.002	1.667		5.752	
		32.943					14.372			

F.B. 2414 P.G. 47

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. Nr 142552
Notes by G. E. DREIER Time 12:50 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-64 To B.M. 102-63
Date 11-18-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.298	32.943	631	5.742		2.928	14.372	630	5.752	
	7.667		631			2.298		627		
	7.036		1.262			1.671		1.257		
6	23.001	7.667		7.004		6.897	2.299		7.009	
	7.795		636			2.633		628		
	7.159		636			2.005		627		
	6.523		1.272			1.378		1.255		
7	21.477	7.159		8.276		6.016	2.005		8.264	
	9.467		632			1.758		627		
	8.835		631			1.131		630		
	8.204		1.263			0.501		1.257		
8	26.506	8.835		9.539		3.390	1.130		9.521	
	7.185		627			3.140		630		
	6.558		627			2.510		628		
	5.931		1.254			1.882		1.258		
9	19.674	6.558		10.793		7.532	2.511		10.779	
	8.457		628			2.809		629		
	7.829		628			2.180		629		
	7.201		1.256			1.551		1.258		
10	23.487	7.829		12.049		6.540	2.180		12.037	
		70.991					24.497			

F.B. 2414 P.G. 48

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather VERY WINDY - CLEAR Inst. No Nr. 14225
Notes by G. E. DREIER Time 12:50 TO 1:30 Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-64 To B.M. 102-63
Date 11-18-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.076	70.991	635	12.049		2.367	24.497	630	12.037	
	8.441		633			1.737		629		
	7.808		1.268			1.108		1.259		
11	25.325	8.442		13.317		5.212	1.737		13.296	
	7.909		627			3.778		627		
	7.282		629			3.151		629		
	7.653		1.256			2.522		1.256		
12	22.844	7.281		14.573		9.451	3.150		14.552	
	6.037		646			4.619		608		
	5.391		646			4.011		604		B.M. 102-63
	4.745		1.292			3.407		1.212		AVE C15 & 269th ST. W.
13	16.173	5.391		15.865		12.037	4.012		15.764	SEE F.B. 2412-67 FOR DESC.
										SUMMATION OF RUN
										B.M. 102-64 TO B.M. 102-63
										TOTAL BACKSIGHTS +92.105
										TOTAL FORESIGHTS -33.396
										DIFF. IN ELEVATION +58.709
		92.105					33.396			

F.B. 2414 PG. 45

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed J. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 2414 P.G. 50										

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. DREIER Weather WIND & CLEAR Inst. No NR 142552
Notes by J. MOODY Time 10:30 to 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 102-64 To BM 102-65
Date 11-18-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2032		618		15#	5117		620		BM102-64 (U.S U-305 1935)
	1414		617			4497		620		AVE C6 & 269th ST. W.
	0797		1235			3877		1240		SEE F.B 2412-68 for DESC.
1	4243	1.414		1235	58°	13491	4497		1240	
	6940		628			7152		622		
	6312		628			6530		622		T DREIER
	5684		1256			5908		1244		
2	18936	6.312		2491		19590	6.530		2484	
	5071		623			5328		629		
	4448		622			4699		628		
	3826		1245			4071		1257		
3	13345	4.448		3736		14098	4.699		3741	
	6803		626			4596		632		
	6177		625			3964		631		
	5552		1251			3333		1263		
4	18532	6.177		4.987		11893	3.964		5004	
	7291		628			4232		625		
	6663		624			3607		626		
	6039		1252			2981		1251		
5	19993	6.664		6239		10820	3.607		6255	
		25.015					23.297			

F.B. 2414 P.G. 51

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WIND & CLEAR Inst. No NR142552
Notes by J. MOODY Time 10:30 to 11:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-64 To BM 102-65
Date 11-18-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5707	25.015	627	6239		2553	23297	629	6255	
	5080		627			1924		628		
	4453		1254			1296		1257		
6	5240	5080		7493		5773	1924		7512	
	5490		633			2292		629		
	4857		636			1663		630		
	4221		1269			1033		1259		
7	14568	4856		8762		4988	1663		8771	SUMMATION OF RUN
	4917		629			2130		631		BM 102-64 to BM 102-65
	4288		630			1499		630		TOTAL BACKSIGHTS +50.842
	3658		1259			0869		1261		TOTAL FORESIGHTS -32.542
8	12863	4288		10021		4498	1499		10032	DIFF IN ELEV. +18.300
	5315		627			1722		631		
	4688		630			1091		629		
	4058		1257			0462		1260		
9	14061	4687		11278		3275	1092		11292	
	7583		667			3714		646		BM 102-65 (STATE Hwy Bm.)
	6916		667			3068		649		AVE. C6 AT STA. 379+00
	6249		1334			2419		1295		SEE F.B. 2412-69 FOR DESC
10	20748	6916		12612		9201	3067		12587	
		50842					32542			

12.612
25199
= 0.48 M. .0118

F.B. 2414 P.G. 52

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather WIND & CLEAR Inst. No NC142552
Notes by J. MOODY Time 12:20 to 12:45 Rod No. 15 #16

Name 1 CO PRECISE LEVEL NET
Job No. 0301.02
From BM 102-65 To BM 102-69
Date 11-18-57
Indexed E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3779		655		15°	7630		659		BM 102-65
	3124		655			6971		657		AVE C6 AT STA. 379+00
	2469		1310			6314		1316		SEE F.B. 2412-69 FOR DESC
1	9.372	3.124		1.310	55°	20.915	6.972		1.316	
	1828		630			5422		629		
	1198		627			4793		629		X DREIER
	0571		1257			4164		1258		
2	3.597	1.199		2.567		14.379	4.793		2.574	
	2228		632			5009		628		
	1596		633			4382		627		
	0963		1265			3755		1255		
3	4.787	1.596		3.832		13.146	4.382		3.829	
	2218		633			5403		627		
	1585		634			4776		629		
	0951		1267			4147		1256		
4	4.754	1.585		5.099		14.326	4.775		5.085	
	2613		627			5765		626		
	1986		629			5139		625		
	1357		1256			4514		1251		
5	5.956	1.985		6.355		15.418	5.139		6.336	
		9.489					26.061			

F.B. 2414 P.G. 53

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WIND & CLEAR Inst. No. NK 142552
Notes by J. MOODY Time 12:20 to 12:45 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-65 To BM 102-64
Date 11-18-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3049	9.489	631	6355		6106	26.061	633	6336	
	2418		630			5473		630		
	1788		1261			4843		1263		
6	7255	2.418		7616		16422	5.474		7599	
	3570		634			5780		630		
	2936		633			5150		632		
	2303		1267			4518		1262		
7	8809	2.936		8883		15448	5.149		8861	
	4838		628			4585		627		SUMMATION OF RUN
	4210		630			3957		625		B.M. 102-65 TO B.M. 102-64
	3580		1258			3332		1252		TOTAL BACKSIGHTS +27.471
8	12628	4.209		10141		11874	3.958		10113	TOTAL FORESIGHTS -45.763
	4697		639			4467		625		DIFF IN ELEVATION -18.~~312~~ .292
	4058		639			3842		623		
	3419		1278			3219		1248		
9	12174	4.058		11419		11528	3.843		11361	
	4987		627			1889		612		BM 102-64 (U.S. U-305 1935)
	4360		624			1277		610		AVE C 6 & 269th ST. W.
	3736		1251			0667		1222		SEE F.B. 2412-68 FOR DESC.
10	13083	4.361		12670		3833	1.278		12583	
		27.471					45.763			

F.B. 2414 PG 54

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY SCAT. CLOUDS Inst. No Nr. 142552
Notes by G. E. DREIER Time 9:45 TO 10:25 Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 102-65 To B.M. 102-66
Date 11-19-57
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.425		536			5.784		534		B.M. 102-65 STATE Hwy B.M.
	3.889		537			5.250		535		AVE. C6 AT Hwy STA.
	3.352		1073			4.715		1069		SEE F.B. 2412-69 FOR DESC.
1	11.666	3.889		1.073		15.749	5.250		1.069	
							3.889		1.073	
							1.361		2.142	
									=0.04mi	B.M. 102-65A
										AVE C6 AT Hwy STA. 379+00
										SEE F.B. 2412-69 FOR DESC.
	4.155		615			4.023		632		
	3.540		615			3.391		631		
	2.925		1.230			2.760		1.263		
2	10.620	3.540		2.303		10.174	3.391		2.332	T J. Moody
	5.432		628			3.567		632		
	4.804		627			2.935		632		
	4.177		1.255			2.303		1.264		
3	14.413	4.804		3.558		8.805	2.935		3.596	
	5.068		630			2.207		628		
	4.438		631			1.579		626		
	3.807		1.261			0.953		1.254		
4	13.313	4.438		4.819		4.739	1.580		4.850	
		12.782					7.906			

F.B. 2414 P.G. 55

76P526 S & E #379 1-54

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Chief of Party DREIER Weather WINDY SCAT. CLOUDS Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:45 TO 10:25 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-65 To B.M. 102-66
Date 11-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5188	12.782	629	4.819		2.752	7.906	630	4.850	
	4.559		628			2.122		630		
	3.931		1.257			1.492		1.260		
5	13.678	4.559		6.076		6.366	2.122		6.110	
	4.955		655			2.174		605		
	4.300		653			1.569		602		
	3.647		1.308			0.967		1207		
6	12.902	4.301		7.384		4.710	1.570		7.317	
	6.501		626			2.445		631		
	5.875		626			1.814		634		
	5.249		1.252			1.180		1.265		
7	17.625	5.875		8.636		5.439	1.813		8.582	
	3.913		615			4.322		643		
	3.298		617			3.679		644		
	2.681		1.232			3.035		1.287		
8	9.892	3.297		9.868		11.036	3.679		9.869	
	5.485		650			2.983		610		
	4.835		649			2.373		607		
	4.186		1.299			1.766		1217		
9	14.506	4.835		11.167		7.122	2.374		11.086	
		35.649					19.464			

F.B. 2414 P.G. 56

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather WINDY - SCAT. CLOUDY Inst. No. NK 142552
Notes by G. E. DREIER Time 9:45 TO 10:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-65 To B.M. 102-66
Date 11-19-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.608	35.649	597	11.167		2.559	19.464	661	14.086	
	4.011		600			1.898		663		
	3.411		1.197			1.235		1.324		
10	12.030	4.010		12.364		5.692	1.897		12.410	
	4.719		628			2.431		632		
	4.091		626			1.799		632		
	3.465		1.254			1.167		1.264		
11	12.275	4.092		13.618		5.397	1.799		13.674	
	4.243		628			2.319		628		+ 53.699
	3.615		628			1.691		630		− 25.781
	2.987		1.256			1.061		1.258		+ 27.918
12	10.845	3.615		14.874		5.071	1.690		14.932	
	6.943		610			1.503		572		
	6.333		610			0.931		572		B.M. 102-66
	5.722		1.220			0.359		1.144		AVE C6 & 280th ST.
13	18.998	6.333		16.094		2.793	0.931		16.076	SEE F.B. 2412-70 FOR DESC.
		53.699					25.781			

F.B. 2414 PG. 57

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-SCAT. CLOUDS Inst. No NK 142552
Notes by G. E. DREIER Time 9:00 TO 9:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-66 To B.M. 102-65
Date 11-19-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.444		596		#15	6.842		594		B.M. 102-66
	0.848		594			6.248		592		AVE C6 & 280th ST. W.
	0.254		1.190			5.656		1.186		SEE F.B. 2412-70 FOR DESC.
1	2.546	0.849		1.190	55°	18.746	6.249		1.186	
	2.832		630			4.757		631		
	2.202		629			4.126		629		
	1.573		1.259			3.497		1.260		J. MOODY
2	6.607	2.202		2.449		12.380	4.127		2.446	
	2.902		631			5.192		627		
	2.271		631			4.565		627		
	1.640		1.262			3.938		1.254		
3	6.813	2.271		3.711		13.695	4.565		3.700	
	3.088		630			5.198		630		
	2.458		630			4.569		630		
	1.828		1.260			3.939		1.260		
4	7.374	2.458		4.971		13.706	4.569		4.960	
	3.390		631			5.849		630		
	2.759		629			5.219		628		
	2.130		1.260			4.591		1.258		
5	8.279	2.760		6.231		15.659	5.220		6.218	
		10.540					24.730			

F.B. 2414 P.G. 58

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather WINDY CLEAR Inst. No. NI-142552
Notes by G.E. DREIER Time 9:00 TO 9:45 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-66 To B.M. 102-65
Date 11-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.725	10.540	631	6.231		4.338	24.730	626	6.218	
	4.094		632			3.712		624		
	3.462		1.263			3.088		1.250		
6	12.281	4.094		7.494		11.138	3.713		7.468	
	2.850		630			6.912		630		
	2.220		629			6.282		629		
	1.591		1.259			5.653		1.259		
7	6.661	2.220		8.753		18.847	6.282		8.727	
	2.762		625			5.499		634		
	2.137		624			4.865		633		
	1.513		1.249			4.232		1.267		
8	6.412	2.137		10.002		14.596	4.865		9.994	
	3.283		633			5.710		625		
	2.650		631			5.085		624		
	2.019		1.264			4.461		1.249		
9	7.952	2.651		11.266		15.256	5.085		11.243	
	2.527		629			5.381		626		
	1.898		629			4.755		627		
	1.269		1.258			4.128		1.253		
10	5.694	1.898		12.524		14.264	4.755		12.496	
		23.540					49.430			

F.B. 2414 P.G. 59

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:00 TO 9:45 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. D301.02
From B.M. 102-66 To B.M. 102-65
Date 11-19-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3,575	23.540	632	12.524		5.441	49.430	628	12.496	
	2.943		631			4.813		628		
	2,312		1.263			4.185		1.256		
11	8,830	2.943		13.787		14.439	4.813		13.752	
	4.115		620			4 268		629		+29.978
	3.495		620			3.639		627		-57.883
	2.875		1.240			3.012		1.256		-27.905
12	10.485	3.495		15.027		10.919	3.640		15.008	
		29.978					57.883		15.027 30.035 =0.57 mi.	B.M. 102-65A AVE C6 AT HWY STA. 379+00 SEE F.B. 2412-69 FOR DESC.
	6.061		546			4.679		526		+5.515 -4.154 +1.361
	5.515		547			4.153		523		B.M. 102-65 (STATE HWY B.M.)
	4.968		1.093			3.630		1.049		AVE C6 AT HWY STA 379+00
13	16.544	5.515		16.120		12.462	4.154		16.057	SEE F.B. 2412-69 FOR DESC.

F.B. 2414 P.G. 60

76P526 S & E #379 1-54

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Chief of Party: E. E. DREIER
Notes by: T. OHASHI
Weather: WINDY & CLEAR
Time: 12:15 TO 1:00
Inst. No.: N-142552
Rod No.: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 102-66 To: BM 102-67
Date: 11-19-57
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3817		622		#15	4518		620		BM 102-66
	3195		623			3898		620		AVE C6 & 280TH ST. WEST
	2572		1245			3278		1240		SEE F.B 2412-70 FOR DESC.
1.	9584	3195		1245		11694	3898		1240	
	7207		630			2392		627		
	6577		630			1765		627		
	5947		1260			1138		1254		T J. MOODY
2	19731	6577		2505		5295	1765		2494	
	3878		630			2920		629		
	3248		633			2291		632		
	2615		1263			1659		1261		
3.	9741	3247		3768		6870	2290		3755	
	4382		631			4073		628		
	3751		631			3445		629		
	3120		1262			2816		1257		
4.	11253	3751		5030		10334	3445		5012	
	5277		635			3851		626		
	4642		634			3225		630		
	4008		1269			2595		1258		
5.	13927	4642		6299		9671	3224		6268	
		21412					14622			

F.B. 2414 P.G. 61

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY & CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:15 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-66 To BM 102-67
Date 11-19-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4907	21.412	629	6.299		3331	14.622	629	6.268	
	4278		628			2702		626		
	3650		1257			2076		1255		
6.	12.835	4.278		7.556		8.109	2.703		7.523	
	4735		629			4039		626		
	4106		631			3413		626		
	3475		1260			2787		1252		
7.	12.316	4.105		8.816		10.239	3.413		8.775	
	4117		622			4099		634		
	3495		623			3465		634		
	2871		1245			2831		1268		
8.	10.483	3.494		10.061		10.395	3.465		10.043	
	3251		623			4831		635		
	2628		623			4196		634		
	2005		1246			3562		1269		
9	7.884	2.628		11.307		12.589	4.196		11.312	
	3040		631			4697		626		
	2409		629			4071		623		
	1780		1260			3448		1249		
10	7.229	2.410		12.567		12.216	4.072		12.561	
		38.327					32.471			

F.B. 2414 P.G. 62

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather WINDY & CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 12:15 TO 1:00 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-66 To BM 102-67
Date 11-19-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3517	38.327	626	12.567		5015	32.471	636	12.561	
	2891		628			4385		628		
	2263		254			3757		258		
11	8.671	2.890		13.821		13.157	4.386		13.819	
	5360		292			3278		187		BM 102-67
	5068		293			3091		189		Ave C6 & 0.35 MI. W of METTLER
	4775		585			2902		376		& BURY FARMS
12	15.203	5.068		14.406		9.271	3.090		14.195	SEE F.B. 2412-71 FOR DESC
									14.406 28.601 =0.54m.	.0125
										SUMMATION OF RUN B.M. 102-66 TO B.M. 102-67
										TOTAL BACKSIGHTS +46.285 TOTAL FORESIGHTS -39.947 DIFF IN ELEVATION + 6.338
										F.B. 2414 P.G. 63
		46.285					39.947			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY & CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 1:00 To 1:35 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-67 To BM 102-66
Date 11-19-57 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3691		233			5685		251		B.M. 102-67
	3458		231			5434		251		AVE C6 & 0.35 MI. W OF METTLER
	3227		464			5183		502		& BURY FARMS.
1	10376	3.459		464		16302	5.434		502	SEE F.B. 2412-71 FOR DESC.
	5099		629			3601		627		
	4470		630			2974		626		
	3840		1259			2348		1253		
2	13409	4.470		1723		8923	2.974		1755	
	4730		624			3075		630		
	4106		627			2445		633		
	3479		1251			1812		1263		
3	12315	4.105		2974		7332	2.444		3018	
	4948		633			3369		622		
	4315		636			2747		626		
	3679		1269			2121		1248		
4	12942	4.314		4243		8237	2.746		4266	
	4199		624			4237		632		
	3575		624			3605		633		
	2951		1248			2972		1265		
5	10725	3.575		5491		10814	3.605		5531	
		19.923					17.203			

F.B. 2414 P.G. 64

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy & Clear Inst. No. N-142552
Notes by T. OHASHI Time 1:00 PM Rod No. 15 & 16

Name L. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-67 To BM 102-66
Date 11-19-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4137	19.923	626	5.491		4833	17.203	630	5.531	
	3511		624			4203		631		
	2887		1250			3572		1261		
6.	10.535	3.512		6.741		12.608	4.203		6.792	
	3311		628			4887		628		
	2683		627			4259		630		
	2056		1255			3629		1258		
7.	8.050	2.683		7.996		12.775	4.258		8.050	
	3858		630			5278		633		
	3228		632			4645		633		
	2596		1262			4012		1266		
8	9.682	3.227		9.258		13.935	4.645		9.316	
	4877		626			5187		629		
	4251		624			4558		627		
	3627		1250			3931		1256		
9	12.755	4.252		10.508		13.676	4.559		10.572	
	3181		650			4100		612		
	2531		650			3488		613		
	1881		1300			2875		1225		
10.	7.593	2.531		11.808		10.463	3.488		11.797	
		36.128					38.356			

F.B. 2414 PG. 65

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. E. DREIER Weather Windy & Clear Inst. No. N-142552
Notes by T. OHASHI Time 1:00 To 1:35 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-67 To BM 102-66
Date 11-19-57
Indexed L. D. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1678	36.128	643	11.808		6463	38.356	615	11.797	
	1035		643			5848		617		
	0392		1286			5231		1232		
11.	3.105	1.035		13.094		17542	5.847		13.029	
	0501		599			3838		639		B.M 102-66
	3902		596			3199		640		AVE @ 6 & 280TH ST. W.
	3306		1195			2559		1279		SEE F.B. 2412-70 FOR DESC.
12.	11709	3.903		14.289		9596	3.199		14.308	
										SUMMATION OF RUN
										BM 102-67 TO BM 102-66
										TOTAL BACKSIGHT + 41.066
										TOTAL FORESIGHT − 47.402
										DIFF. IN ELEV. − 6.336
		41.066					47.402			

F.B. 2414 P.G. 66

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 8:40 TO 9:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-67 To BM 102-68
Date 12-10-57
Indexed J. C. Johnson

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
	3037		601		#15	6668		640		BM 102-67
	2436		601			6028		637		AVE C6 ±0.35 MI. W METTLER & BURY
	1835		1202			5391		1277		SEE F.B. 2412-71 FOR DESC.
1.	7.308	2.436		1202		18.087	6.029		1277	
	5361		621			6877		629		T. J. MOODY
	4740		621			6248		630		
	4119		1242			5618		1259		
2.	14.220	4.740		2444		18.743	6.248		2.536	
	2798		656			7378		598		
	2142		654			6780		598		
	1488		1310			6182		1196		
3.	6.428	2.143		3754		20.340	6.780		3.732	
	4283		628			7111		626		
	3655		632			6491		621		
	3023		1260			5870		1247		
4.	10.961	3.654		5014		19.472	6.491		4973	
	3790		634			6.627		627		
	3156		635			6.000		625		
	2521		1269			5.375		1252		
5	9467	3.156		6283		18.602	6.001		6.225	
		16.129					31.549			

F.B. 2414 P.G. 67

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 8:40 To 9:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-67 To BM 102-68
Date 12-10-57
Indexed [illegible] C. John[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
	4501	16.129	627	6.283		6810	31.549	623	6.225	
	3874		625			6187		625		
	3249		1252			5562		1248		
6	11.624	3.875		7535		18.559	6.186		7473	
	4128		613			6937		642		
	3515		614			6295		640		
	2901		1227			5655		1282		
7	10.544	3.515		8762		18887	6.296		8755	SUMMATION OF RUN
	4546		627			6487		625		BM 102-67 TO BM 102-68
	3919		628			5862		624		TOTAL BACKSIGHT + 37.812
	3291		1255			5238		1249		TOTAL FORESIGHT − 60.613
8	11.756	3.919		10017		17.587	5.862		10.004	DIFF IN ELEV. − 22.801
	5431		422			5498		429		
	5009		421			5069		428		
	4588		843			4641		957		
9	15.028	5.009		10.860		15.208	5.069		10.961	
	5818		453			6032		381		B.M. 102-68 (US, T-305 1935)
	5365		452			5651		380		AVE CL W. & HOUSE — #29300
	4913		905			5271		761		SEE F. B. 2412-72 FOR DESC.
10	16.096	5.365		11.765		16.954	5.651		11.722	
		37.812					60.613		11.765	
									23.487	
									= 0.44 MI.	

F.B. 2414 P.G. 68

.0113

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 1:00 TO 1:50 Rod No. 15816

Name L.A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 102-68 To BM 102-67
Date 12-10-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5899		402		#15	5638		427		B.M. 102-68 (US. , T-305 1935)
	5497		405			5211		429		AVE. @ G.W. HOUSE # 29300
	5092		807			4782		856		SEE F.B. 2412-72 FOR DESC.
1	16.488	5.496		807		15.631	5.210		856	
	5471		427			5408		423		
	5044		427			4985		424		
	4617		854			4561		847		
2	15.132	5.044		1.661		14.954	4.985		1.703	
	6491		626			4552		631		
	5865		624			3921		630		
	5241		1250			3291		1261		
3	17.597	5.866		2.911		11.764	3.921		2.964	
	6928		640			4119		612		
	6288		640			3507		614		
	5648		1280			2893		1226		
4.	18.864	6.288		4.191		10.519	3.506		4.190	
	6782		624			4475		627		
	6158		625			3848		629		
	5533		1249			3219		1256		
5.	18.473	6.158		5.440		11.542	3.847		5.446	
		28.852					21.469			

F.B. 2414 P.G. 69

76P526 S & E #379 1-54

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Chief of Party G. E. DREIEN Weather CLEAR & BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 1:00 TO 1:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-68 To BM 102-67
Date 12-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6607	28.852	626	5.440		3720	21.469	633	5.446	
	5981		624			3137		635		
	5357		1250			2502		1268		
6	17.945	5982		6690		9409	3136		6.714	
	7152		625			4313		624		
	6527		629			3689		625		
	5898		1254			3064		1249		
7	19.577	6.526		7944		11.066	3.689		7963	SUMMATION OF RUN
	7600		628			2958		623		B.M. 102-68 TO BM. 102-67
	6972		630			2335		624		TOTAL BACKSIGHT + 60.831
	6342		1258			1711		1247		TOTAL FORESIGHT − 38.03x°
8	20.914	6971		9.202		7.004	2.335		9.210	DIFF IN ELEV. + 22.80x°
	6878		627			5368		623		
	6251		629			4745		624		
	5622		1256			4121		1247		
9	18.751	6.250		10.458		14.234	4745		10457	
	6881		630			3263		608		B.M 102-67
	6251		632			2655		606		AVE C6 & 0.25 MI. W. METTLER & BURY FARMS
	5619		1262			2049		1214		SEE F.B. 2412-71 FOR DESC.
10	18.751	6.250		11720		7.967	2.656		11.671	
		60.831					38.030			

F.B. 2414 P.G. 70

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9:25 TO 10:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-68 To BM 102-69
Date 12-10-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6502		613		#15	4491		630		BM 102-68 (US T-305 1935)
	5889		611			3861		630		AVE C6 BY MAIL BOX #29300
	5278		1224			3231		1260		SEE F.B 2412-72 FOR DESC
1	17.669	5.890		1224		11.583	3.861		1260	
	6662		623			5108		630		⊼ G.E. DREIER
	5439		622			4478		630		
	4817		1245			3848		1260		
2	16.318	5.439		2469		13.434	4.478		2520	
	5689		618			4737		636		
	5071		619			4101		638		
	4452		1237			3463		1274		
3	15.212	5.071		3706		12.301	4.100		3794	
	6508		635			4999		616		
	5872		634			4383		613		
	5238		1269			3770		1229		
4	17.618	5.873		4975		13.152	4.384		5.023	
	6474		626			4187		619		
	5848		628			3568		621		
	5220		1254			2947		1240		
5	17.542	5.847		6229		10.702	3.567		6.263	
		28.120					20.390			

F.B. 2414 P.G. 71

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-102552
Notes by T. OHASHI Time 9:25 TO 10:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-68 To BM 102-69
Date 12-10-57
Indexed E. A. Johnson

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	28.120	614	6.229		5596	20390	633	6263	
	6536		616			4963		632		
	5920		1230			4331		1265		
6	19.606	6535		7459		14.898	4963		7528	
	5979		631			4840		622		
	5348		631			4218		620		
	4717		1262			3598		1242		
7	16.044	5.348		8721		12.656	4.219		8776	
	6869		630			4470		623		
	6239		628			3847		625		
	5611		1258			3222		1248		
8	18.719	6.240		9979		11.539	3846		10018	
	6410		634			4191		617		
	5776		634			3574		615		
	5142		1268			2959		1232		
9	17.328	5776		11.247		10.724	3.575		11256	
	6411		620			4255		633		
	5791		626			3622		632		
	5171		1240			2990		1265		
10	17.373	5791		12487		10.867	3.622		12515	
		57.810					40.615			

F.B. 2414 P.G. 72

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 9.25 To 10.05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-68 To BM. 102-69
Date 12-10-57
Indexed A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7091	57.810	689	12.487		2896	40.615	678	12.515	BM. 102-69
	6402		696			2215		676		AVE CL W. of Ho. No. 29300
	5712		1379			1539		1354		SEE FB 2412-73 FOR DESC.
11	19.205	6.402		13.866		6.644	2.215		13.869	
									13.866	
									27.735 = 0.53 M.	
										SUMMATION OF RUN
										BM 102-68 TO BM 102-69
										TOTAL BACKSIGHT +64.212
										TOTAL FORESIGHT −42.830
										DIFF. IN ELEV. +21.382
		64.212					42.830			

F.B. 2414 P.G. 73

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed E. C. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 24/4 P.G. 74

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR & BREEZY Inst. No. Nr 142552
Notes by T. OHASHI Time 1230 To Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 102-69 To BM 102-68
Date 12-10-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2818		682		#15	7009		684		B.M 102-69
	2136		683			6325		686		AVE C6W & STA. 270+04
	1453		1365			5639		1370		SEE F.B. 2412-73 FOR DESC.
1	6.407	2.136		1365		18.973	6.324		1370	
	4166		619			6349		635		π G.E. DREIER
	3547		619			5714		632		
	2928		1238			5082		1267		
2	10.641	3.547		2.603		17.145	5.715		2637	
	4243		621			6453		630		
	3622		621			5823		631		
	3001		1242			5192		1261		
3	10.866	3.622		3.845		17.468	5.823		3898	
	4440		622			6841		630		
	3818		626			6211		630		
	3192		1248			5581		1260		
4	11.450	3.817		5.093		18.633	6.211		5.158	
	4813		622			5948		628		
	4191		624			5320		628		
	3567		1246			4692		1256		
5	12.571	4.190		6.339		15.960	5.320		6.414	
		17.312					29.393			

F.B. 2414 P.G. 75

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR & BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 12:30 TO Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-69 To BM 102-68
Date 12-10-57
Indexed E. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5391	17.312	632	6.339		6948	29.393	617	6.410	
	4759		631			6331		620		
	4128		1263			5711		1237		
6.	14.278	4759		7602		18.990	6330		7651	
	4162		620			6450		627		
	3542		620			5823		625		
	2922		1240			5198		1252		
7.	10.626	3542		8842		17.471	5824		8903	
	4977		639			6438		611		
	4338		640			5827		615		
	3698		1279			5212		1226		
8.	13.013	4338		10.121		17.477	5826		10.129	
	4896		628			5862		623		
	4268		629			5239		621		
	3639		1257			4618		1244		
9.	12.803	4268		11.378		15.719	5240		11.373	
	5092		625			6053		624		
	4467		626			5429		627		
	3841		1251			4802		1251		
10	13.400	4467		12.629		16.284	5428		12.624	
		38.686					58.041			

F.B. 2414 P.G. 76

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather CLEAR & BREEZY Inst. No. Nr 142552
Notes by T. OHASHI Time 1230 To 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-69 To BM 102-68
Date 12-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4829	38.686	625	12.629		6851	58.041	619	12.624	B.M. 102-68 (US , T 305, 1935)
	4204		625			6232		620		AVE C 6 W. &
	3579		1250			5612		1239		SEE F.B 2412-72 FOR DESC.
11	12612	4.204		13.879		18.695	6.232		13.863	
										SUMMATION OF RUN
										BM. 102-69 TO BM. 102-68
										TOTAL BACKSIGHTS +42.890
										TOTAL FORESIGHTS -64.273
										-21.383
		42.890					64.273			

F.B. 2414 P.G. 77

75P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed E. C. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2414 P.G. 78

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552 Name L. A. CO. PRECISE LEVEL NET
Notes by G. E. DREIER Time 10:05 To Rod No. 15 & 16 Job No. 03010.2
From BM 102-69 To BM 102-70
Date 12-10-57
Indexed [redacted] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.785		620		#15	4.350		623		B.M. 102-69
	4.165		620			3.727		626		AVE C6 W. & STA. 170+04
	3.545		1.240			3.101		1.249		SEE F.B. 2412-73 FOR DESC.
1	12.495	4.165		1.240	68°	11.178	3.726		1.249	
	6.478		620			4.171		629		T J. MOODY
	5.858		624			3.542		630		
	5.234		1.244			2.912		1.259		
2	17.570	5.857		2.484		10.625	3.542		2.508	
	6.794		625			4.185		626		
	6.169		627			3.559		626		
	5.542		1.252			2.933		1.252		
3	18.505	6.168		3.736		10.677	3.559		3.760	
	6.988		629			4.841		623		
	6.359		628			4.218		623		
	5.731		1.257			3.595		1.246		
4	19.078	6.359		4.993		12.654	4.218		5.006	
	7.205		634			5.045		617		
	6.571		636			4.428		618		
	5.935		1.270			3.810		1.235		
5	19.711	6.570		6.263		13.283	4.428		6.248	
		29.119					19.473			

F.B. 2414 P.G. 79

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nh 142552
Notes by G. E. DREIER Time 10:05 TO 10:40 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-69 To B.M. 102-70
Date 12-10-57
Indexed K. O. Johnson

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
	6.108	29.119	628	6.263		5.981	19.473	626	6.243	
	5.480		625			5.355		626		
	4.855		1.253			4.729		1.252		
6	16.443	5.481		7.516		16.065	5.355		7.495	
	5.219		625			6.645		627		
	4.594		625			6.018		627		
	3.969		1.250			5.391		1.254		
7	13.782	4.594		8.766		18.054	6.018		8.749	SUMMATION OF RUN
	4.660		622			6.975		633		B.M. 102-69 TO BM 102-70
	4.038		620			6.342		631		TOTAL BACKSIGHT +51.724
	3.418		1.242			5.711		1.264		TOTAL FORESIGHT −49.661
8	12.116	4.039		10.008		19.028	6.343		10.013	DIFF IN ELEV. + 2.063
	4.768		620			6.575		630		
	4.148		620			5.945		628		
	3.528		1.240			5.317		1.258		
9	12.444	4.148		11.248		17.837	5.946		11.274	
	5.037		695			7.228		702		
	4.342		691			6.526		701		B.M. 102-70
	3.651		1.386			5.825		1.403		AVE C-6 OPP. Ho. # 29853
10	13.030	4.343		12.634		19.579	6.526		12.674	SEE F.B. 2412-74 FOR DESC
		51.724					49.661		12.634 / 25.308 = 0.48 MI.	

F.B. 2414 P.G. 80

.0118

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. Nr. 142552
Notes by G.E DREIER Time 10:40 TO 12:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. D301.02
From B.M. 102-70 To B.M. 102-69
Date 12-10-57
Indexed [redacted] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.289		700		#15	5.099		692		B.M. 102-70
	6.589		700			4.407		695		AVE C-6 OPP. Ho # 29853
	5.889		1400			3.712		1.387		SEE F.B. 2412-74 FOR DESC.
1	19.767	6.589		1.400		13.218	4.406		1.387	
	6.523		632			4.713		619		
	5.891		632			4.094		619		
	5.259		1.264			3.475		1.238		↑ J. MOODY
2	17.673	5.891		2.664		12.282	4.094		2.625	
	6.961		631			4.650		622		
	6.330		631			4.028		621		
	5.699		1262			3.407		1.243		
3	18.990	6.330		3.926		12.085	4.028		3.868	
	6.639		626			5.217		626		
	6.013		626			4.591		625		
	5.387		1.252			3.966		1.251		
4	18.039	6.013		5.178		13.774	4.591		5.119	
	5.976		626			6.104		626		
	5.350		628			5.478		625		
	4.722		1.254			4.853		1251		
5	15.048	5.349		6.432		16.435	5.478		6.370	
		30.172					22.597			

F.B. 2414 PG. 81

76P526 S.& E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZE Inst. No Nn.142552
Notes by G.E.DREIER Time 10:40 TO 12:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-70 To B.M.102-69
Date 12-10-57
Indexed [redacted] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.147	30.172	629	6.432		7.284	22.597	624	6.370	
	4.518		629			6.660		621		
	3.889		1.258			6.039		1.245		
6	13.554	4.518		7.690		19.983	6.661		7.615	
	4.902		625			7.048		629		
	4.277		625			6.419		626		
	3.652		1.250			5.793		1.255		
7	12.831	4.277		8.940		19.260	6.420		8.870	
	4.210		630			6.815		622		
	3.580		630			6.193		621		
	2.950		1.260			5.572		1.243		
8	10.740	3.580		10.200		18.580	6.193		10.113	SUMMATION OF RUN
	4.164		629			6.473		622		BM 102-70 to BM. 102-69
	3.535		630			5.851		623		TOTAL BACKSIGHTS + 49.802
	2.905		1.259			5.228		1.245		TOTAL FORESIGHTS - 51.880
9	10.604	3.535		11.459		17.552	5.851		11.358	DIFF IN ELE. - 2.078
	4.343		624			4.778		620		
	3.719		622			4.158		620		B.M. 102-69
	3.097		1.246			3.538		1.240		AVE C-6 & STA. 270+04
10	11.159	3.720		12.705		12.474	4.158		12.598	SEE F.B. 2412 FOR DESC.
		49.802					51.880			

F.B. 2414 P.G. 82

70P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather CLEAR
Time 10:30 TO 12:00
Inst. No Nr 142552
Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 102-69 To B.M. 102-70
Date 12-11-57
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
	5.802		604		#15	5.399		640		B.M. 102-69
	5.198		603			4.759		640		AVE C 6 AT STA. 270+04
	4.595		1.207			4.119		1.280		SEE F.B. 2412-73 FOR DESC.
1	15.595	5.198		1.207		14.277	4.759		1.280	
	7.149		637			4.848		650		
	6.512		634			4.198		651		
	5.878		1.271			3.547		1.301		
2	19.539	6.513		2.478		12.593	4.198		2.581	
	7.273		642			4.658		640		
	6.631		643			4.018		638		
	5.988		1.285			3.380		1.278		
3	19.892	6.631		3.763		12.056	4.019		3.859	
	7.576		677			5.363		605		
	6.899		678			4.758		608		
	6.221		1.355			4.150		1.213		
4	20.696	6.899		5.118		14.271	4.757		5.072	
	7.797		638			5.663		648		
	7.159		638			5.015		647		
	6.521		1.276			4.368		1.295		
5	21.477	7.159		6.394		15.046	5.015		6.367	
		32.400					22.748			

F.B. 2414 P.G. 83

FORS26 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 102-69 To B.M. 102-70
Date 12-11-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.227	32.740	653	6.394		6.079	22.748	634	6.367	
	5.574		653			5.445		634		
	4.921		1.306			4.811		1.268		
6	16.722	5.574		7.700		16.335	5.445		7.635	
	5.828		637			7.259		644		
	5.191		638			6.615		647		
	4.553		1.275			5.968		1.291		
7	15.572	5.191		8.975		19.842	6.614		8.926	
	5622		647			7913		635		
	4.975		648			7.278		637		SUMMATION OF RUN
	4.327		1.295			6.641		1.272		B.M. 102-69 TO B.M. 102-70
8	14.924	4.975		10.270		21.832	7.277		10.198	TOTAL BACKSIGHTS +56.733
	4.997		645			6.790		641		TOTAL FORESIGHTS -54.658
	4352		644			6.149		640		DIFF IN ELEVATION +2.075
	3.708		1.289			5509		1.281		
9	13.057	4.352		11.559		18.448	6.149		11.479	
	4.935		695			7.125		701		
	4.240		691			6.424		699		B.M. 102-70
	3.549		1.386			5725		1.400		AVE C6 OPPOSITE HO. #29853
10	12.724	4.241		12.945		19.274	6.425		12.879	SEE F.B. 2412-24 FOR DESC.
		56.733					54.658			

F.B. 2416 P.G. 84

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather CLEAR - BREEZE
Time 1:00 TO 1:30
Inst. No. Nr. 142552
Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102-70 To B.M. 102-71
Date 12-11-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.157		612		#15	4.798		646		B.M. 102-70
	4.545		613			4.152		644		AVE C6 OPPOSITE H6 #29853
	3.932		1.225			3.508		1.290		SEE F.B. 2412-74 FOR DESC.
1	13.634	4.545		1.225	70°	12.458	4.153		1.290	
	5.619		640			4.718		627		
	4.979		639			4.091		624		T J. MOODY
	4.340		1.279			3.467		1.251		
2	14.938	4.979		2.504		12.276	4.092		2.541	
	6.884		647			4.488		609		
	6.237		646			3.879		607		
	5.591		1.293			3.272		1.216		
3	18.712	6.237		3.797		11.639	3.880		3.757	
	7.902		640			4.057		615		
	7.262		646			3.442		612		
	6.622		1.286			2.830		1.227		
4	21.786	7.262		5.077		10.329	3.443		4.984	
	7.723		626			4.007		626		
	7.097		629			3.381		624		
	6.468		1.255			2.757		1.250		
5	21.288	7.096		6.332		10.145	3.382		6.234	
		30.119					18.950			

F.B. 2414 P.G. 85

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - BREEZY Inst. No Nr-142552
Notes by G. E. DREIER Time 1:00 TO 1:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NI
Job No 030102
From B.M. 102-70 To B.M. 102-71
Date 12-11-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.894	30.119	633	6.332		3.782	18.950	623	6.234	
	7.261		630			3.159		622		
	6.631		1.263			2.537		1.245		
6	21.786	7.262		7.595		9.478	3.159		7.479	
	7.898		629			3.335		624		
	7.269		629			2.711		623		
	6.640		1.258			2.088		1.247		
7	21.807	7.269		8.853		8.134	2.711		8.726	
	7.842		629			3.691		626		
	7.213		628			3.065		627		
	6.585		1.257			2.438		1.253		
8	21.640	7.213		10.110		9.194	3.065		9.979	
	7.905		622			3.461		632		
	7.283		622			2.829		631		
	6.661		1.244			2.198		1.263		
9	21.849	7.283		11.354		8.488	2.829		11.242	
	8.025		607			3.310		648		
	7.418		609			2.662		646		
	6.809		1.216			2.016		1.294		
10	22.252	7.417		12.570		7.988	2.663		12.536	
		66.563					33.377			

F.B. 2414 P.G. 86

78P526 2 & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR - BREEZE Inst. No Nr. 142552
Notes by G.E. DREIER Time 1:00 TO 1:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-70 To B.M. 102-71
Date 12-11-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.968	66.563	625	12.570		3.782	33.377	625	12.536	
	7.343		625			3.157		629		
	6.718		1250			2.528		1254		
11	22.029	7.343		13.820		9.467	3.156		13.790	
	7.713		628			3.808		627		
	7.085		630			3.181		623		
	6.455		1258			2.558		1250		SUMMATION OF RUN
12	21.253	7.084		15.078		9.547	3.182		15.040	B.M. 102-70 TO B.M. 102-71
	7.528		630			4.349		626		TOTAL BACKSIGHTS +93.764
	6.898		631			3.723		624		TOTAL FORESIGHTS −49.549
	6.267		1261			3.099		1250		DIFF IN ELEVATION +44.215
13	20.693	6.898		16.339		11.165	3.722		16.290	
	6.374		498			6.635		523		
	5.876		498			6.112		521		B.M. 102-71
	5.378		996			5.591		1044		AVE C6 AT HWY STA + 24+5
14	17.628	5.876		17.335		18.338	6.112		17.334	SEE F.B. 2442-75 FOR DESC.
									17.335	
									34669	
									0.66 mi	
		93.764					49.549			

F.B. 2414 P.G. 87

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 845 To Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-71 To BM 102-70
Date 12-12-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6719		507		#15	6988		513		B.M. 102-71
	6212		509			5975		514		
	5703		1016			5461		1027		SEE F.B. 2412-75 FOR DESC.
1	18.634	6.211		1016		17.924	5.975		1027	
	4545		627			7718		625		⊼ J. MOODY
	3918		625			7093		625		
	3293		1252			6468		1250		
2	11.756	3.919		2268		21.279	7.093		2277	
	4028		627			7930		627		
	3401		626			7308		625		
	2775		1253			6678		1252		
3	10.203	3.401		3521		21.911	7.304		3529	
	4078		627			8261		622		
	3451		628			7639		622		
	2823		1255			7017		1244		
4	10.352	3.451		4776		22.917	7.639		4773	
	3594		627			8343		623		
	2967		629			7720		622		
	2338		2256			7098		1245		
5	8.899	2.966		6032		23.161	7.720		6018	
		19.948					35.731			

F.B. 2414 P.G. 88

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 8:45 to 9:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-71 To BM 102-70
Date 12-12-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3773	19.944	622	6.032		8232	35.731	627	6.078	
	3151		623			7605		627		
	2528		1245			6978		1254		
6	9452	3.151		7.277		22815	7.605		7.272	
	3810		625			7961		627		
	3185		625			7334		626		
	2560		1250			6708		1253		
7	9555	3.185		8.527		22003	7.334		8.525	
	3542		624			8101		623		
	2918		627			7478		625		
	2291		1251			6853		1248		
8	8.751	2.917		9.778		22432	7.477		9.773	
	3938		625			8042		623		
	3313		622			7419		624		
	2691		1247			6795		1247		
9	9942	3.314		11.025		22256	7.419		11.020	
	3915		624			7632		625		
	3291		626			7007		628		
	2665		1250			6379		1253		
10.	9.871	3.290		12.275		21018	7.006		12.273	
		35.806					72.572			

F.B. 2414 P.G. 87

76P529 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 8:45 To 9:45 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 030102
From BM 102-71 To BM 102-70
Date 12-12-57
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4040	35.805	610	12.275		7890	12.572	639	12.273	
	3430		612			7251		640		
	2818		1222			6611		1279		
11.	10288	3.429		13.497		21752	7.251		13.552	SUMMATION OF RUN
	4431		620			6801		631		B.M. 102-71 TO BM. 102-70
	3811		619			6170		633		TOTAL BACKSIGHT + 51.39
	3192		1239			5537		1264		TOTAL FORESIGHT - 95.622
12	11.434	3.811		14.736		18.508	6.169		14.816	DIFF IN ELEV. - 44.228
	4675		625			5578		639		
	4050		628			4939		638		
	3422		1253			4301		1277		
13.	12.147	4.049		15.989		14.818	4.939		16.093	
	4962		663			5284		593		B.M. 102-70
	4299		662			4691		592		AVE CL OPPOSITE HOUSE # 29853
	3637		1325			4099		1185		SEE F.B. 2412-74 FOR DESC.
14	12.898	4.299		17.314		14.074	4.691		17.278	

F.B. 2414 P.G. 90

51.39 95.622

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - SUNY Inst. No. NK 142552
Notes by J. MOODY Time 1:40 to 2:10 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-71 To BM 103-72
Date 12-11-57
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
	9285		616		#15	3908		625		B.M. 107-71
	8669		613			3283		624		AVE C6 AT STA ± 210+56
	8056		1229			2659		1249		SEE F.B. 2412-75 FOR DESC.
1	26010	8.670		1229	72°	9850	3.283		1249	
	7911		619			4192		640		
	7292		621			3552		641		T G.E. DREIER
	6671		1240			2911		1281		
2	21874	7.291		2469		10655	3.552		2530	
	7642		620			4209		636		
	7022		619			3573		635		
	6403		1239			2938		1271		
3	21067	7.022		3708		10720	3.573		3801	
	6341		644			4379		609		
	5697		646			3770		610		
	5051		1290			3160		1219		
4	17089	5.696		4998		11309	3.770		5020	
	6836		628			4143		625		
	6208		630			3518		627		
	5578		1258			2891		1252		
5	18622	6.207		6256		10552	3.517		6272	
		34.886					17.695			

F.B. 2644 P.G. 21

76P525 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. Nr 142552
Notes by J. MOODY Time 1:40 to 2:10 Rod No. 15 #16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-71 To BM 102-72
Date 12-11-57
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
	7787	34.886	634	6.256		3294	17.695	621	6.272	
	7153		632			2673		621		
	6521		1266			2052		1242		
6	21.461	7.154		7.522		8.019	2.673		7.514	
	7676		626			3888		627		
	7050		627			3261		629		
	6423		1253			2632		1256		
7	21.149	7.050		8.775		9.781	3.260		8.770	SUMMATION OF RUN
	6833		631			5017		623		B.M. 102-71 TO B.M. 102-72
	6202		631			4394		623		TOTAL BACKSIGHTS +68.041
	5571		1262			3771		1246		TOTAL FORESIGHTS -32.945
8	18.606	6.202		10.037		13.182	4.394		10.016	DIFF IN ELEVATION +35.096
	6616		619			4387		631		
	5997		619			3756		632		
	5378		1238			3124		1263		
9	17.991	5.997		11.275		11.267	3.756		11.279	
	7291		539			1715		547		BM102-72
	6752		540			1168		550		STATE HWY 138 AT STA. A187+00
	6212		1079			0618		1097		SEE F.B. 2412-76 FOR DESC
10	20.255	6.752		12.354		3.501	1.167		12.376	
		68.041					32.945		12.354 24.730 =0.47 mi.	

F.B. 2414 P.G. 92

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. NK 142552
Notes by J. MOORY Time 2:10 to 2:35 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-72 To BM 102-71
Date 12-11-57
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
	1758		548		#15	7327		535		BM 102-72
	1210		550			6792		534		STATE Hwy 138 AT STA. 187+00
	0660		1098	1098		6258		1069	1069	SEE F.B. 2412-76 FOR DESC.
1	3.628	1.209			68°	20377	6.792			
	4329		628			6567		626		
	3701		629			5941		622		T G.E. DREIER
	3072		1257	2355		5319		1248	2317	
2	11.102	3.701				17827	5.942			
	5058		620			6880		633		
	4438		620			6247		635		
	3818		1240	3595		5612		1268	3585	
3	13.314	4.438				18739	6.246			
	3947		625			7738		627		
	3322		623			7111		628		
	2699		1248	4843		6483		1255	4840	
4	9.968	3.323				21332	7.111			
	3273		621			7763		631		
	2652		621			7132		632		
	2031		1242	6085		6500		1263	6103	
5	7.956	2.652				21395	7.132			
		15.323					33.223			

F.B. 2414 P.G. 93

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No. NK 142552
Notes by J. MOODY Time 2:10 to 2:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-72 To BM 102-71
Date 12-11-57
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4141	15.323	623	6.085		6837	33.223	629	6.103	
	3518		624			6208		630		
	2894		1247			5578		1259		
6	10.553	3.518		7.332		18.623	6.208		7.362	
	4447		606			6412		645		
	3841		606			5767		648		
	3235		1212			5119		1293		
7	11.523	3.841		8.544		17.298	5.766		8.655	
	4190		660			7570		592		SUMMATION OF RUN
	3530		660			6978		595		B.M. 102-72 TO B.M. 102-71
	2870		1320			6383		1187		TOTAL BACKSIGHTS + 33.285
8	10.590	3.530		9.864		20.931	6.977		9.842	TOTAL FORESIGHTS - 68.372
	4240		639			7960		620		DIFF IN ELEVATION - 35.087
	3601		640			7340		620		
	2961		1279			6720		1240		
9	10.802	3.601		11.143		22.020	7.340		11.082	
	4067		595			9503		644		BM 102-71
	3472		594			8859		646		Hwy 188 AT STA ± 210+56
	2878		1189			8213		1290		SEE F.B. 2412-75 FOR DESC
10	10.417	3.472		12.332		26.575	8.858		12.372	
		33.285					68.372			

F.B. 2414 P.G. 94

78P926 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:10 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-72 To B.M. 102-78
Date 12-12-57
Indexed J. C. Johnson

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
	9360		499			2145		501		BM 102-72
	8861		500			1644		503		STATE HWY 138 AT STATION A 187+00
	8361		999			1141		1004		SEE F.B. 2412-76 FOR DESC.
1	26582	8.861		999		4930	1.643		1004	
	9752		502			2719		501		
	9250		502			2218		502		
	8748		1004			1716		1003		
2	27750	9.250		2003		6653	2.218		2007	
	9728		628			2602		621		
	9100		627			1981		622		
	8473		1255			1359		1243		
3	27301	9.100		3258		5942	1.981		3250	
	6435		625			5281		623		
	5810		625			4658		625		
	5185		1250			4033		1248		
4	17430	5.810		4508		13972	4.657		4498	
	3610		501			8602		501		
	3109		503			8101		562		
	2606		1004			7599		1003		
5	9325	3.108		5512		24302	8.101		5501	
		36.129					18.600			

F.B. 2414 P.G. 55

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: CLEAR Inst. No. N-142552
Notes by: T. OHASHI Time: 10:10 TO 11:00 Rod No. 15 & 16

Name: L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 102-72 To: B.M. 102-73
Date: 12-12-57
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
	1897	36.129	500	5.512		8579	18.600	499	5.501	
	1397		502			8080		499		
	0895		1002			7581		998		
6	4189	1.396		6.514		24246	8.080		6.499	
	4859		621			4622		623		
	4238		625			3999		622		
	3613		246			3377		245		
7	12.710	4.237		7.760		11.998	3.999		7.744	
	8372		615			2250		632		
	7757		618			1618		633		
	7139		1233			0985		1265		
8	23.268	7.756		8.993		4.853	1.618		9.009	
	6940		617			5618		637		
	6323		616			4981		633		
	5707		1233			4348		1270		
9	18.970	6.323		10.226		14.947	4.982		10.279	
	3528		576			5226		676		
	2952		575			4550		676		
	2377		1151			3874		1352		
10	8.857	2.952		11.377		13.650	4.550		11.631	
		58.795					41.829			

F.B. 2414 P.G. 96

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 10:10 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From BM102-72 To BM 102-73
Date 12-12-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6350	58.793	635	11.377		4943	41.829	622	11.631	
	5715		633			4321		622		
	5082		1268			3699		1244		
11.	17.147	5716		12.645		12.963	4321		12.875	
	6310		743			4622		514		
	5567		742			4108		514		
	4825		1485			3594		1028		
12.	16.702	5567		14.130		12.324	4108		13.903	
	6298		540			5689		609		B.M. 102-73
	5758		540			5080		605		STATE HWY 138 & STA. A 156+09
	5218		1080			4475		1214		SEE F.B. 2412-77 FOR DESC.
13.	17.274	5.758		15.210		15.244	5081		15.117	
									15.210	
									30.327	
									=0.57 mi. .013	
										SUMMATION OF RUN
										BM 102-72 TO BM 102-73
										TOTAL BACKSIGHT +75.834
										TOTAL FORESIGHT −55.339
										DIFF IN ELEV. +20.495
		75.834					55.339			

F.B. 2414 P.G. 97

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 12:55 TO 1:40 Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-73 To BM 102-72
Date 12-12-57
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
	5540		581		#15	6210		573		BM 102-73
	4959		581			5637		576		STATE HWY 138 & STA A 156+09
	4378		1162			5061		1149		SEE F.B. 2412'-77 FOR DESC.
1.	14.877	4.959		1162		16.908	5.636		1149	
	4551		626			6018		636		
	3925		626			5382		632		
	3299		1252			4750		1268		
2.	11.775	3.925		2414		16.150	5.383		2417	
	4961		629			6352		625		
	4332		630			5727		626		
	3702		1259			5101		1251		
3.	12.995	4.332		3673		17.180	5.727		3668	
	5453		625			3855		626		
	4828		626			3229		627		
	4202		1251			2602		1253		
4.	14.483	4.828		4 4924		9.686	3.229		4 4921	
	5723		630			7060		624		
	5093		626			6436		625		
	4467		1256			5811		1249		
5.	15.283	5.094		6 5180		19.307	6.436		6 5170	
		23.138					26.411			

F.B. 2414 P.G. 98

76P526 S & E #379 1-54

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Chief of Party R. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:55 TO 1:40 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NO
Job No. 0301.02
From BM 102-73 To BM 102-72
Date 12-12-57
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2518	23.138	627	6 8180		8655	26.411	624	6 5170	
	1891		626			8031		623		
	1265		1253			7408		1247		
6.	5674	1.891		7 8433		24094	8.031		7 8417	
	4618		625			4858		623		
	3993		624			4235		624		
	3368		1250			3611		1247		
7.	11979	3.993		8 8683		12704	4.235		8 8664	
	8441		500			7759		502		
	7941		500			7257		504		
	7441		1000			6753		1006		
8.	23823	7.941		9 8683		23769	7.256		9 8670	
	8586		503			8563		502		
	8053		502			8061		502		
	7551		1005			7559		1004		
9.	24160	8.053		10 8688		24183	8.061		10 8674	
	5792		627			6939		622		
	5165		628			6317		624		
	4537		1255			5693		1246		
10.	15494	5.165		11 8943		18949	6.316		11 8920	
		50.181					49.310			

F.B. 2414 P.G. 99

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:55 TO 1:40 Rod No. 15 & 16

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-73 To BM 102-72
Date 12-12-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2745	50.181	636	11 10.943		9853	49.310	618	10.920	
	2115		630			9235		620		
	1485		1260			8615		1238		
11	6.345	2.115		3 11.203		27.703	9.234		3 10.158	
	2695		503			9731		503		
	2192		500			9228		507		
	1692		1003			8721		1010		
12	6.579	2.193		4 11.206		27.680	9.227		4 10.168	
	2038		492			9268		506		B.M. 102-72
	1546		493			8762		502		STATE HWY. 138 & STA. A
	1053		985			8260		1008		SEE F.B. 2412-76 FOR DESC.
13	4.637	1.546		5 11.191		26.290	8.763		5 10.176	
									15.191	
									30.367	
									0.58 mi.	
										SUMMATION OF RUN
										BM 102-73 TO BM 102-72
										TOTAL BACKSIGHT + 56.035
										TOTAL FORESIGHT − 76.534
										DIFF. IN ELEV. − 20.499
		56.035					76.534			

F.B. 2414 P.G. 100

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No NT142552
Notes by J. MOODY Time 12:10 to 12:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-73 To BM 102-74
Date 12-12-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7909		618		#15	4434		626		BM 102-73
	7291		616			3808		625		STATE HWY 138 & STA. A 156 + 09
	6675		1234			3183		1251		SEE F.B. 2412-77 FOR DESC.
1	21875	7.292		1234	68°	11.425	3.808		1251	
	6789		619			4599		640		
	6170		619			3959		641		⊼ G.E. DREIER
	5551		1238			3318		1281		
2	18510	6.170		2472		11.876	3.959		2.532	
	6579		619			4435		642		
	5960		621			3793		641		
	5339		1240			3152		1283		
3	17878	5.959		3712		11.380	3.793		3815	
	6692		624			4582		629		
	6068		628			3953		631		
	5440		1252			3322		1260		
4	18200	6.067		4964		11.857	3.952		5075	
	6992		645			4474		612		
	6347		645			3862		611		
	5702		1290			3251		1223		
5	19041	6.347		6254		11.587	3.862		6298	
		31.835					19.374			

F.B. 2414 P.G. 101

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No NK 182552
Notes by J. MOORY Time 12:10 to 12:35 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-73 To BM 102-74
Date 12-12-57
Indexed A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6643	31.835	612	6254		4207	19.374	638	6298	
	6031		613			3569		638		
	5418		1225			2931		1276		
6	18092	6.031		7.479		10707	3.569		7.574	
	7467		648			4261		603		
	6819		648			3658		606		SUMMATION OF RUN
	6171		1296			3052		1209		BM 102-73 TO BM 102-74
7	20457	6.819		8.775		10971	3.657		8.783	TOTAL BACKSIGHT + 58.452
	7373		625			3576		625		TOTAL FORESIGHT − 32.986
	6748		626			2951		628		DIFF. IN ELEV. + 25.466
	6122		1251			2323		1253		
8	20243	6.748		10.026		8650	2.950		10.036	
	7631		612			4034		597		BM 102-74
	7019		611			3437		599		STATE HWY. 138 & STA A. 133+60
	6408		1223			2838		1196		SEE F.B. 2412-78 FOR DESC.
9	21058	7.019		11.249		10309	3.436		11.232	
									11.249	.0116
									22.485	
									=0.43	MI.
		58.452					32.986			

F.B. 2414 P.G. 102

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR-SUN Inst. No NK 14252
Notes by J. MOUDY Time 12:35 to Rod No 15 & 16

Name L.A. CO. PRECISE LEVELNET
Job No. 0301.02
From BM 102-74 To BM 102-73
Date 12-12-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3827		603		#15	7413		605		BM 102-74
	3224		603			6808		607		STATE HWY. 138 AT STA A 133+60
	2621		1206			6201		1212		SEE F.B. 2412-78 FOR DESC.
1	9.672	3.224		1206	68°	20.422	6.807		1212	
	3586		624			7384		625		
	2962		625			6759		628		TG.E. DREIER
	2337		1249			6131		1253		
2	8.885	2.962		2455		20.274	6.758		2465	
	4140		627			7302		625		
	3513		624			6677		625		
	2889		1251			6052		1250		
3	10.542	3.514		3706		20.031	6.677		3715	
	4206		627			6663		623		
	3579		627			6040		622		
	2952		1254			5418		1245		
4	10.737	3.579		4960		18.121	6.040		4960	
	4348		630			6828		628		
	3718		631			6200		624		
	3087		1261			5576		1252		
5	11.153	3.718		6221		18.604	6.201		6212	
		16.997					32.483			

F.B. 2414 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No NK 142552
Notes by J. MOORE Time 12:35 to 12:55 Rod No. 15 #16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-74 To BM 102-73
Date 12-13-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4562	16.997	623	6.221		6682	32.483	630	6.212	
	3939		626			6052		630		
	3313		1249			5422		1260		
6	11.814	3.938		7.470		18.156	6.052		7.472	
	4648		629			6818		630		
	4019		627			6188		631		
	3392		1256			5557		1261		
7	12.059	4.020		8.726		18.563	6.188		8.733	
	4638		627			6850		627		
	4011		628			6223		626		
	3383		1255			5597		1253		
8	12.032	4.011		9.981		18.670	6.223		9.986	
	4362		629			7829		611		BM 102-73
	3733		628			7218		610		STATE HWY 138 AT STA. A 156+09
	3105		1257			6608		1221		SEE F.B. 2412-77 FOR DESC.
9	11.200	3.733		11.238		21.655	7.218		11.207	
										SUMMATION OF RUN
										B.M. 102-74 TO B.M. 102-73
										TOTAL BACKSIGHTS + 32.699
										TOTAL FORESIGHTS - 58.164
		32.699					58.164			DIFF IN ELEVATION - 25.465

F.B. 2414 P.G. 104

76P526 S & E #379 1-54

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Chief of Party ..... Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 2:05 To Rod No. 15 & 16

Name .....
Job No. 030102
From BM 102-74 To BM 102-75
Date 12-12-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7301		626		4/5	3912		627		BM 102-74
	6681		621			3285		627		STATE HWY 138 & STA A 133+60
	6060		1241			2658		1254		SEE F.B. 2412-78 FOR DESC.
1.	20042	6681		1241		9855	3285		1254	
	7168		629			4495		624		
	6539		628			3871		624		
	5911		1257			3247		1248		
2.	19618	6539		2498		11613	3871		2502	
	6638		626			4548		627		
	6012		627			3921		624		
	5385		1253			3297		1251		
3.	18035	6012		3751		11766	3922		3753	
	6072		627			5039		624		
	5445		626			4415		625		
	4819		1253			3790		1249		
4.	16336	5445		5004		13244	4415		5002	
	6608	24677	628			4739	15493	624		
	5980		627			4115		626		
	5353		1255			3489		1250		
5.	17941	5980		6259		12343	4114		6252	
		30657					19607			

F.B. 2414 P.G. 105

76P525 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: Weather: CLEAR Inst. No.: N-142542
Notes by: T. OHASHI Time: 2:05 To Rod No.: 15616

Name:
Job No.: 0301.02
From: BM 102-74 To: BM 102-75
Date: 12-12-57
Indexed: L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6848	30.657	626	6.259		4929	19.607	629	6.252	
	6222		624			4300		627		
	5598		1250			3673		1256		
6.	18.668	6.223		7.509		12.902	4.301		7.508	
	7478		628			3609		625		
	6850		628			2984		626		
	6222		1256			2358		1251		
7.	20.550	6.850		8.765		8.951	2.983		8.759	
	8117		634			3358		619		
	7483		632			2739		620		
	6851		1266			2119		1239		
8.	22.451	7.483		10.031		8.216	2.735		9.998	
	7919		627			3410		625		
	7292		627			2785		626		
	6665		1254			2159		1251		
9.	21.876	7.292		11.285		8.354	2.785		11.249	
	8163	58.505	630			3509	32.415	620		
	7533		631			2889		621		
	6902		1261			2268		1241		
10	23.598	7.533		12.546		8.666	2.889		12.490	
		66.038					35.304			

F.B. 2414 P.G. 106

78F526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by T. OHASHI Time 2:05 TO 2:35 Rod No 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-74 To B.M. 102-75
Date 12-12-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8403	66.038	616	2.546		2738	35.804	641	12490	
	7793		611			2097		644		
	7182		1221			1453		1285		
11	23378	7.793		13.767		6.288	2.096		13.775	
	7802		393			3632		389		
	7409		394			3243		390		B.M. 102-75
	7015		787			2853		779		STATE HWY 138 AT STA. A 104+65
12	22.226	7.409		14.554		9.728	3.243		14.554	SEE F.B. 2412-79 FOR DESC.
									14.554	
									29.108	
									0.55 mi	
										SUMMATION OF RUN
										B.M. 102-74 TO B.M. 102-75
										TOTAL BACKSIGHTS + 81.240
										TOTAL FORESIGHTS − 40.643
										DIFF IN ELEVATION + 40.597
		81.240					40.643			

FB 2414 PG. 107

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 8:45 TO 9:30 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 102-75 To B.M. 102-74
Date 12-17-57
Indexed L. O. Johnson

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
	3571		393		4/5	7733		388		B.M. 102-75
	3178		390			7345		390		STATE Hwy 138 AT STA A 104+65
	2788		783			6955		778		SEE F.B. 2412-79
1	9537	3.179		783	45°	22033	7.344		778	
	2987		628			8682		624		
	2359		624			8058		626		
	1735		1252			7432		1250		
2	7081	2.360		2035		24172	8.057		2028	
	3625		623			8276		627		
	3002		623			7649		630		
	2379		1246			7019		1257		
3	9006	3002		3281		22944	7.648		3285	
	3748		626			8257		626		
	3122		624			7631		629		
	2498		1250			7002		1255		
4	9368	3123		4531		22890	7.630		4540	
	3531		627			8271		622		
	2904		628			7649		626		
	2276		1255			7023		1248		
5	8711	2.904		5786		22943	7.648		5788	
		14.568					38.327			

F.B. 2414 P.G. 108

76P526 S & E #37[illegible]-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREI[redacted] Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 8:45 TO 9:30 Rod No. 15 & 16

Name E.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-75 To BM 102-74
Date 12-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3679	14.568	624	5.786		7548	38.327	628	5.788	
	3055		627			6920		624		
	2428		1251			6296		1252		
6.	9.162	3054		7037		20764	6.921		7040	
	4996		628			6914		625		
	4368		629			6289		627		
	3739		1257			5662		1252		
7.	12.103	4.368		8294		18.865	6.288		8292	
	4915		625			6779		625		
	4290		628			6154		624		
	3662		1253			5530		1249		
8.	12.867	4.289		9547		18.463	6.154		9541	
	5127		629			6151		622		
	4498		628			5529		621		
	3870		1257			4908		1243		
9.	13.495	4.498		10.804		16.588	5.529		10784	
	4638		630			6721		623		
	4008		629			6098		623		
	3379		1259			5475		1246		
10.	12.025	4.008		12.063		18.294	6.098		12.030	
		34785					69.317			

F.B. 2414 P.G. 109

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 8.45 To 9.30 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 102-75 To BM 102-74
Date 12-17-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4619	34.785	624	12.063		7289	69.317	627	12.830	
	3995		627			6662		624		
	3368		1251			6038		1251		
11	11.982	3.994		13.314		19.989	6.663		13.281	
	3901		619			7298		627		B.M. 102-74
	3282		620			6671		623		STATE HWY. 138 & STA A 133+60
	2662		1239			6048		1250		SEE F.B. 2412-78 FOR DESC.
12.	9.845	3.282		14.553		20.017	6.672		14.531	
										SUMMATION OF RUN
										B.M 102-75 TO BM 102-74
										TOTAL BACKSIGHT +42.061
										TOTAL FORESIGHT −82.652
										DIFF. IN ELEV. −40.591
		42.061					82.652			

F.B. 2414 P.G. 110

TRP526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Partly-Cloudy Inst. No. N-142552
Notes by T. OHASHI Time 10:40 To 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-75 To BM 102-76
Date 12-13-57
Indexed L. C. Johnson

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
	9093		622		#15	2295		623		B.M. 102-75
	8471		620			1672		623		STATE HWY. 138 & STA. A 104-65
	7851		1242			1049		1246		SEE F.B. 2412-79 FOR DESC.
1	25415	8472		1242	68°	5016	1672		1246	
	9695		630			2128		626		
	9065		630			1502		625		
	8435		1260			0877		1251		
2.	27195	9065		2502		4507	1502		2497	
	9552		617			3504		634		
	8935		618			2870		635		
	8317		1235			2235		1269		
3.	26804	8935		3737		8609	2870		3766	
	7368		617			4022		633		
	6751		616			3389		636		
	6135		1233			2753		1269		
4.	20254	6751		4970		10164	3388		5635	
	7339		634			3239		618		
	6705		634			2621		618		
	6071		1268			2003		1236		
5-	20115	6705		6238		7863	2621		6271	
		39928					12053			

F.B. 2414 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PRT'LY CLOUDY Inst. No. Nr 142552
Notes by T. OHASHI Time 10:40 TO 11:00 Rod No. 18 & 16

Name: A CO PRECISE LEVEL NET
Job No. 0801.02
From BM 102-75 To BM 102-76
Date 12-13-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8351	39.928	622	6238		2135	12.053	636	6271	
	7729		624			1499		637		
	7105		1246			0862		1273		
6	23.185	7.728		7484		4.496	1.499		7544	
	8657		626			1511		626		
	8031		625			0885		626		
	7406		1251			0259		1252		
7.	24.094	8.031		8735		2.655	0.885		8796	SUMMATION OF RUN
	9808		640			2112		612		B.M. 102-75 TO BM 102-76
	9168		638			1500		611		TOTAL BACKSIGHT +81.987
	8530		1278			0889		1223		TOTAL FORESIGHT −20.866
8.	27.506	9.169		10.013		4.561	1.506		10.619	DIFF IN ELEV +61.118
	10122		624			1819		626		
	9498		628			1193		625		
	8870		1252			0568		1251		
9.	28.490	9.497		11.265		3.580	1.193		11.276	
	8061		430			4152		416		BM 102-76 (US. R-305 1935)
	7631		432			3736		417		STATE HWY 138 & STA. 80+63
	7199		862			3319		833		SEE F.B. 2412-80 FOR DESC.
10	22.892	7.63		12.127		11.207	3.736		12.103	
		81.987					20.866		12.127	
									24.230	.0115
									=0.46 MI.	

F.B. 2414 P.G. 112

70PS26 S & E 379 1-54

PLEASE RETURN TO
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ENGINEERING 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 G. E. DREIER Weather PTLY CLOUDY Inst. No. N-142552
Notes by T. OHASHI Time 12:10 TO 12:35 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 030102
From BM 102-76 To BM 102-75
Date 12-13-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4137		416		#15	8048		432		BM 102-76 (US, R-305 1933)
	3721		415			7616		434		STATE HWY. 138 & STA. A. 80+63
	3306		831			7182		866		SEE F.B. 2412-80 FOR DESC.
1.	11.164	3.721		831		22.846	7.615		866	
	1837		627			10136		625		
	1210		629			9511		622		
	0581		1256			8889		1247		
2.	3.628	1.209		2.087		28.536	9.512		2.113	
	2059		627			9721		623		
	1432		630			9098		621		
	0802		1257			8477		1244		
3	4.293	1.431		3.344		27.296	9.099		3.357	
	1719		628			8855		621		
	1091		630			8234		620		
	0461		1258			7614		1241		
4	3.271	1.090		4.602		24.703	8.234		4.598	
	2487		628			8711		623		
	1859		627			8088		626		
	1232		1255			7462		1249		
5	5.578	1.859		5.857		24.261	8.087		5.847	
		9.310					42.347			

F.B. 2414 P.G. 113

76P525 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PARTLY CLOUDY Inst. No. N-142552
Notes by T. OHASHI Time 12:10 TO 12:35 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-76 To BM 102-75
Date 12-13-57
Indexed L. G. Johnson

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
	3327	9.310	628	5857		7410	42.547	627	5847	
	2699		625			6783		626		
	2074		1253			6157		1253		
6	8100	2.700		7110		20350	6.783		7106	
	4238		626			7598		623		
	3612		627			6975		624		
	2985		1253			6351		1247		
7	10835	3.612		8363		20924	6975		8347	SUMMATION OF RUN
	3707		626			9772		627		BM 102-76 TO B.M. 102-75
	3081		624			9145		627		TOTAL BACKSIGHT + 22.520
	2457		1250			8518		1254		TOTAL FORESIGHT − 83.627
8	9245	3.082		9613		27435	9.145		9601	DIFF IN ELEV. − 61.107
	2387		628			9950		628		
	1759		624			9322		627		
	1135		1252			8695		1255		
9	5281	1.760		10865		27967	9.322		10856	
	2681		624			9479		624		BM 102-75
	2057		626			8855		624		STATE HWY. 138 & STA. A 104+65
	1431		1250			8231		1248		SEE F.B. 2412-79 FOR DESC.
10	6169	2.056		12115		26565	8.855		12104	
		22.520					83.627			

F.B. 2414 P.G. 114

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK 142552
Notes by W. MOODY Time 10:00 to 10:30 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-76 To BM 102-77
Date 12-17-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9817		498		B 15	2315		498		BM 102-76 (U.S.) R-305, 1935
	9319		500			1817		499		STATE HWY #138, AT STA. 80+63
	8819		998			1318		997		SEE F.B. 2412-80 for DESC.
1	27955	9318		998	51°	5450	1.817		997	
	8942		445			1730		453		
	8497		448			1277		455		
	8049		893			0822		908		
2	25488	8.496		1891		3829	1.276		1905	
	9083		621			3822		626		
	8462		622			3196		627		
	7840		1243			2569		1253		
3	25385	8.462		3134		9587	3.196		3158	
	8384		621			2667		629		
	7763		620			2038		627		
	7143		1241			1411		1256		
4	23290	7.763		4375		6116	2.039		4414	
	8788		621			2659		627		
	8167		622			2032		626		
	7545		1243			1406		1253		
5	24500	8.167		5618		6097	2.032		5667	
		42.206					10.360			

F.B. 2414 P.G. 115

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No NY142552
Notes by J. MOODY Time 10:00 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-76 To BM102-77
Date 12-17-57
Indexed [illegible] Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8542	42.206	620	5.618		3627	10.360	627	5667	
	7922		621			3000		627		
	7304		1241			2373		1254		
6	23765	7.922		6859		9.000	3.000		6921	
	7398		626			3631		620		
	6772		625			3011		623		
	6147		1251			2388		1243		
7	20.317	6.772		8110		9.030	3.010		8.164	
	7959		621			3313		625		
	7338		625			2688		626		
	6713		1246			2062		1251		
8	22.010	7.337		9.356		8.063	2.688		9.415	
	7998		625			3558		626		
	7373		622			2932		626		
	6751		1247			2306		1252		
9	22122	7.374		10.603		8.796	2.932		10667	
	8268		626			3265		625		
	7642		623			2640		626		
	7019		1249			2014		1251		
10	22929	7.643		11852		7.919	2.640		11.918	
		79.254					24.630			

F.B. 2414 P.G. 116

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. NC 142552
Notes by J. MOODY Time 10:00 to 10:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-76 To BM 102-77
Date 12-17-57
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8302	79.254	620	11.852		2672	24.630	626	11.918	
	7682		622			2046		627		
	7060		1242			1419		1253		
11	23.044	7.681		13094		6137	2046		13171	
	7593		495			3629		501		
	7098		498			3128		501		
	6600		993			2627		1002		
12	21.291	7.097		14087		9384	3.128		14173	
	7461		367			3392		317		BM 102-77
	7094		365			3075		317		STATE HWY #138, AT STA. A51+15
	6729		732			2758		634		SEE F.B. 2412-81 FOR DESC.
13	21.284	7.095		14819		9.225	3.075		14807	
									14.819	
									29.626	
									=0.56 m	.013
										SUMMATION OF RUN
										B.M. 102-76 TO B.M. 102-77
										TOTAL BACKSIGHTS +101.127
										TOTAL FORESIGHTS - 32.879
										DIFF IN ELEVATION + 68.248
		101.127					32.879			

F.B. 2414 PG. 117

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

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. NV 142552
Notes by J. MOODY Time 1:10 to 1:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM102-77 To BM102-76
Date 12-17-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3384		340		#15	7405		339		BM102-77
	3044		341			7066		339		STATE HWY #138, AT STA. A51+15
	2703		681			6727		678		SEE F.B 2412-81
1	9.131	3.044		681	54°	21.198	7.066		678	
	3643		501			7611		499		
	3142		500			7112		500		
	2642		1001			6612		999		
2	9.427	3.142		1.682		21.335	7.112		1677	
	2687		627			8319		622		
	2060		626			7697		621		
	1434		1253			7076		1243		
3	6.181	2.060		2.935		23.092	7.697		2.920	
	3151		624			8151		622		
	2527		627			7529		624		
	1900		1251			6905		1246		
4	7.578	2.526		4.186		22.585	7.528		4.166	
	3523		625			7966		625		
	2898		625			7341		624		
	2273		1250			6717		1249		
5	8.694	2.898		5.436		22.024	7.341		5.415	
		13.670					36.744			

F.B. 2414 PG. 118

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

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No. NK 142552
Notes by J. MOODY Time 1:10 to 1:50 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-77 To BM 102-76
Date 12-17-57
Indexed L. A. JOHNSON

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3361	13.670	624	5436		8008	36.744	624	5415	
	2737		625			7384		622		
	2112		1249			6762		1246		
6	8210	2.737		6685		22154	7.385		6661	
	3495		625			7257		626		
	2870		627			6631		623		
	2243		1252			6008		1249		
7	8608	2.869		7937		19896	6.632		7910	
	3646		629			8559		621		
	3017		627			7938		621		
	2390		1256			7317		1242		
8	9053	3.018		9193		23814	7.938		9152	
	2482		625			8612		621		
	1857		627			7991		622		
	1230		1252			7369		1243		
9	5569	1.856		10445		23972	7.991		10395	
	2548		628			8264		620		
	1920		627			7644		621		
	1293		1255			7023		1241		
10	5761	1.920		11700		22931	7.644		11636	
		26.070					74.334			

F.B. 24-14 P.G. 119

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR-SUN Inst. No NK142552
Notes by J. MOODY Time 1:10 to 1:50 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-77 To BM 102-76
Date 12-17-57
Indexed L. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3541	26.070	614	11.700		8828	74.334	636	11.636	
	2927		616			8192		633		
	2311		1230			7559		1269		
11	8.779	2.926		12.930		24.579	8.193		12.905	
	1483		455			8691		444		
	1028		458			8247		446		
	0570		913			7801		890		
12	3.081	1.027		13.843		24.739	8.246		13.795	
	2092		498			9592		495		BM 102-76 (U.S.) R-305, 1935
	1594		499			9097		496		STATE HWY #138, at STA. 80+63
	1095		997			8601		991		SEE F. B. 2412-80 for DESC.
13	4.781	1.594		14.840		27.290	9.097		14.786	
										SUMMATION OF RUN
										B.M. 102-77 TO B.M. 102-76
										TOTAL BACKSIGHTS +31.617
										TOTAL FORESIGHTS -99.870
										DIFF IN ELEVATION -68.253
		31.617					99.870			

F.B. 2414 P.G. 120

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by G.E. DREIER Time 10:30 To 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-77 To B.M. 102-78
Date 12-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.953		612		#15	4.862		625		B.M. 102-77
	5.341		611			4.237		627		STATE HWY 138 AT STA A 51+15
1	4.730		1.223			3.610		1.252		SEE F.B. 2412-81 FOR DESC.
	16.024	5.341		1.223	51°	12.709	4.236		1.252	
	7.828		627			2.858		627		
	7.201		626			2.231		626		⊼ J. MOODY
	6.575		1.253			1.605		1.253		
2	21.604	7.201		2.476		6.694	2.231		2.505	
	8.295		502			2.490		499		
	7.793		501			1.991		499		
	7.292		1003			1.492		1.008		
3	23.380	7.793		3.479		5.973	1.991		3.518	
	9.061		500			2.388		503		
	8.561		500			1.885		503		
	8.061		1000			1.382		1006		
4	25.683	8.561		4.479		5.655	1.885		4.529	
	8.255		625			2.885		627		
	7.630		628			2.258		626		
	7.002		1.253			1.632		1.253		
5	22.887	7.629		5.732		6.775	2.258		5.772	
		36.525					12.601			

F.B. 2414 P.G. 121

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. 142552
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-77 To B.M. 102-78
Date 12-17-57
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.912	36.525	552	5.732		2.247	12.601	552	5.778	
	8.360		549			1.695		550		
	7.811		1.101			1.145		1102		
6	25.083	8.361		6.833		5.087	1.696		6.878	
	9.382		501			2.371		498		
	8.881		502			1.873		498		
	8.379		1003			1.375		996		
7	26.642	8.881		7.836		5.619	1.873		7.875	
	8.692		626			3.805		627		
	8.066		627			3.178		627		
	7.439		1.253			2.551		1254		
8	24.197	8.066		9.089		9.534	3.178		9.128	SUMMATION OF RUN B.M. 102-77 TO B.M. 102-78
	9.708		627			1.533		627		TOTAL BACKSIGHTS + 78.128
	9.081		624			0.906		626		TOTAL FORESIGHTS − 21.754
	8.457		1.251			0.280		1.253		DIFF IN ELEVATION +56.374
9	27.246	9.082		10.340		2.719	0.906		10.382	
	7.468		256			1.745		246		
	7.212		254			1.499		244		
	6.958		510			1.255		490		B.M. 102-78 OLD RIDGE RT. STATE Hwy 138 0.4 mi. E OF JCT. OF
10	21.638	7.213		10.850		4.499	1.500		10.867	SEE F.B. 2412-82 FOR DESC
		78.128					21.754		10.857	
									21.754	
									0.41 mi.	

F.B. 2414 P.G. 122

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No Nr. 142552
Notes by G.E DREIER Time 12:30 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-78 To B.M. 102-77
Date 12-17-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1848		243		#15	7.574		256		B.M. 102-78
	1.605		242			7.318		256		STATE Hwy 138, 0.4 MI. E OF JCT.
	1.363		485			7.062		512		OF OLD RIDGE RT.
1	4.816	1.605		.485	54°	21.954	7.318		512	SEE F.B. 2412-82 FOR DESC.
	1638		625			9.814		625		
	1.013		624			9.189		626		J. MOODY
	0.389		1.249			8.563		1251		
2	3.040	1.013		1.734		27.566	9.189		1.763	
	3832		628			8718		627		
	3.204		627			8.091		626		
	2.577		1.255			7.465		1.253		
3	9.613	3.204		2.989		24.274	8.091		3.016	
	2.332		501			9338		500		
	1.831		502			8.838		500		
	1.329		1.003			8.338		1.000		
4	5.492	1.831		3.992		26.514	8.838		4.016	
	2151		553			8.811		548		
	1.598		556			8.263		546		
	1.042		1.109			7.717		1.094		
5	4.791	1.597		5.101		24.791	8.264		5.110	
		9.250					41.700			

F.B. 2414 PG. 123

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G.E.DREIER Time 12:30 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-78 To B.M.102-77
Date 12-17-57
Indexed E. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.884	9.250	629	5.101		8.250	41.700	622	5.110	
	2.255		628			7.628		626		
	1.627		1.257			7.002		1.248		
6	6.766	2.255		6.358		22.880	7.627		6.358	
	2.400		502			9.075		500		
	1.898		502			8.575		499		
	1.396		1.004			8.076		999		
7	5.694	1.898		7.362		25.726	8.575		7.357	
	2.261		520			8.028		483		SUMMATION OF RUN
	1.741		520			7.545		484		B.M.102-78 TO B.M.102-77
	1.221		1.040			7.061		967		TOTAL BACKSIGHTS +21.540
8	5.223	1.741		8.102		22.634	7.545		8.324	TOTAL FORESIGHTS -77.917
	2.808		624			7.784		629		DIFF IN ELEVATION -56.377
	2.184		623			7.155		632		
	1.561		1.247			6.523		1.261		
9	6.553	2.184		9.649		21.462	7.154		9.585	
	4.827		615			5.939		623		
	4.212		614			5.316		624		B.M.102-77
	3.598		1.229			4.692		1.247		STATE Hwy 138 AT. STA 51+15
10	12.637	4.212		10.878		15.947	5.316		10.832	SEE F.B 2412-81 FOR DESC.
		21.540					77.917			

F.B. 2414 P.G. 124

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY-RAIN WINDY Inst. No NR.142552
Notes by G. E. DREIER Time 9:00 TO 10:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-78 to B.M. 102-79
Date 12-18-57
Indexed L. A. Johnson

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
	7.668		620		#15	1.482		624		B.M. 102-78
	7.048		621			0.858		627		STATE HWY 138, 0.4 MI. E. OF OLD
	6.427		1.241			0.231		1.251		RIDGE ROUTE
1	21.143	7.048		1.241	46°	2.571	0.857		1.251	SEE F.B. 2412-82 FOR DESC.
	10.131		624			1.803		625		
	9.507		627			1.178		627		T J. MOODY
	8.880		1.251			0.551		1.252		
2	28.518	9.506		2.492		3.532	1.177		2.503	
	7.678		628			5.412		624		
	7.050		631			4.788		628		
	6.419		1.259			4.160		1.252		
3	21.147	7.049		3.751		14.360	4.787		3.755	
	4.502		625			9.312		625		
	3.877		626			8.687		628		
	3.251		1.251			8.059		1.253		
4	11.630	3.877		5.002		26.058	8.686		5.008	
	2.218		501			9.724		495		
	1.717		501			9.225		502		
	1.216		1.002			8.723		1.061		
5	5.151	1.717		6.004		27.672	9.224		6.009	
		29.197					24.731			

F.B. 2414 PG. 125

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY, RAIN WINDY Inst. No. Nr 142552
Notes by T. OHASHI Time 9:00 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-78 To B.M. 102-79
Date 12-18-57
Indexed J. E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2232	29.197	450	6.004		9337	24.731	453	6.009	
	1782		450			8884		453		
	1332		900			8431		906		
6	5.346	1.782		6.904		26.652	8.884		6.915	SUMMATION OF RUN
	2098		503			9079		504		B.M. 102-78 TO B.M. 102-79
	1595		503			8575		504		TOTAL BACKSIGHT +38.086
	1092		1006			8071		1008		TOTAL FORESIGHT −56.169
7.	4.785	1.595		7.910		25.725	8.575		7.923	DIFF IN ELEV. −18.083
	2135		502			8972		501		
	1633		502			8471		500		
	1131		1004			7971		1001		
8.	4.899	1.633		8.914		25.414	8.471		8.924	
	4085		206			5712		204		B.M. 102-79
	3879		206			5508		205		STATE HWY 138 & JCT. TO OLD RIDGE RTE.
	3673		412			5303		409		SEE F.B. 2412-83 FOR DESC.
9.	11.637	3.879		9.326		16.523	5.508		9.333	
									9.326	
									18.659	
									=0.35	MI.
		38.086					56.169			

F.B. 2414 P.G. 126

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr 142652
Notes by G. E. DREIER Time 2:00 TO Rod No 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No 0801.02
From B.M. 102-79 To B.M. 102-78
Date 12-19-57
Indexed G. Johnson

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
	5.709		206		#15	4.079		204		B.M. 102-79
	5.503		206			3.875		205		STATE HWY 138 AT JCT. OF OLD
	5.297		412			3.670		409		RIDGE ROUTE
1	16.509	5.503		.412	55°	11.624	3.875		.409	SEE F.B. 2412-83
	8.928		509			2.077		498		
	8.419		507			1.579		496		
	7.912		1.016			1.083		994		
2	25.259	8.420		1.428		4.739	1.580		1.403	
	9.112		509			2.119		497		
	8.603		507			1.622		500		
	8.096		1.016			1.122		997		
3	25.811	8.604		2.444		4.863	1.621		2.400	
	9.357		455			2.253		454		
	8.902		451			1.799		452		
	8.451		906			1.347		906		
4	26.710	8.903		3.350		5.399	1.800		3.306	
	9.685		501			2.177		502		
	9.184		502			1.675		501		
	8.682		1003			1.174		1003		
5	27.551	9.184		4.353		5.026	1.675		4.309	
		40.614					10.551			

F.B. 2414 PG. 127

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr.142552
Notes by G. E. DREIER Time 2:00 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 102-79 To B.M. 102-78
Date 12-19-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.188	40.604	620	4.353		4.391	10.551	635	4.309	
	8.568		619			3.756		635		
	7.949		1.239			3.121		1.270		
6	25.705	8.568		5.592		11.268	3.756		5.579	
	5.402		629			7.662		627		
	4.773		628			7.035		627		+55.989
	4.145		1.257			6.408		1.254		-37.890
7	14.320	4.773		6.849		21.105	7.035		6.833	+18.089
	1.782		628			10.108		626		
	1.154		626			9.482		627		
	0.528		1.254			8.855		1.253		
8	3.464	1.155		8.103		28.445	9.482		8.086	
	1.508		630			7.682		615		
	0.878		628			7.067		618		B.M. 102-79
	0.250		1.258			6.449		1.233		STATE HWY 138, 0.4 MI. E. OF JCT.
9	2.636	0.879		9.361		21.198	7.066		9.319	OF OLD RIDGE ROUTE
		55.989					37.890			

F.B. 2414 P.G. 128

76P526 S & E #379 1-54

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ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. W-142552
Notes by G. E. DREIER Time 8:20 TO 9:05 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-79 To B.M. 102-80
Date 12-19-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.628		616		#15	5.899		631		B.M. 102-79
	5.012		615			5.268		630		STATE HWY 138 AT JCT OF OLD
	4.397		1.231			4.638		1.261		RIDGE ROUTE
1	15.037	5.012		1.231	49	15.805	5.268		1.261	SEE F.B. 2412-83 FOR DESC.
	8.181		351			1.437		350		
	7.830		351			1.087		350		
	7.479		702			0.737		700		T J. MOODY
2	23.490	7.830		1.933		3.261	1.087		1.961	
	9.229		351			1.595		354		
	8.878		347			1.241		353		
	8.531		698			0.888		707		
3	26.638	8.879		2.631		3.724	1.241		2.668	
	11.190		625			5.189		606		
	10.565		627			4.583		605		
	9.938		1.248			3.978		1.211		
4	31.693	10.564		3.878		13.750	4.583		3.879	
	3.838		400			9.141		394		
	3.438		401			8.747		393		
	3.037		801			8.354		787		
5	10.313	3.438		4.679		26.242	8.747		4.666	
		35.723					20.926			

F.B. 2414 P.G. 129

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G.E. DREIER Time 8:20 TO 9:05 Rod No. 15 & 16

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-79 To B.M. 102-80
Date 12-19-57
Indexed [redacted]

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
	1.468	35.723	404	4.67~~8~~		10.363	20.926	393	4.666	
	1.064		402			9.970		394		
	0.662		806			9.576		787		
6	3.194	1.065		5.48~~4~~		29.909	9.970		5.453	
	1.272		401			10.513		398		
	0.871		400			10.115		399		
	0.471		801			9.716		797		
7	2.614	0.871		6.28~~6~~		30.344	10.115		6.250	
	1.442		347			9.886		347		
	1.095		349			9.539		346		
	0.746		696	77		9.193		693		
8	3.283	1.094		6.98~~2~~		28.618	9.539		6.943	
	1.155		353			9.339		348		
	0.802		351			8.991		349		
	0.451		704			8.642		697		
9	2.408	0.803		7.68~~4~~		26.972	8.991		7.640	
	1.528		349			9.187		350		
	1.179		348			8.837		351		
	0.831		697	78		8.486		701		
10	3.538	1.179		8.38~~3~~		26.510	8.837		8.341	
		40.735					68.378			

F.B. 24/14 P.G. 130

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NF 14252
Notes by G.E. DREIER Time 8:20 TO 9:05 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM.102-79 To B.M.102-80
Date 12-19-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.564	40.735	265	8.383		7.147	68.378	283	8.341	B.M.102-80 (U.S.) C-370 1953
	2.299		263			6.864		283		STATE HWY #138, 0.4 MI. E OF JCT.
	2.036		528			6.581		566		OF OLD RIDGE RT.
11	6.899	2.300		8.906		20.592	6.864		8.907	SEE F.B. 2412-84 FOR DESC.
									8.906	
									17.813	
									= 0.34	MI.
										SUMMATION OF RUN
										B.M.102-79 TO B.M.102-80
										TOTAL BACKSIGHTS + 43.035
										TOTAL FORESIGHTS - 75.242
										DIFF IN ELEVATION - 32.207
		43.035					75.242			

F.B. 2414 PG. 131

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:40 TO 2:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM. 102-80 To BM. 102-79
Date 12-19-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.125		274		#15	2.558		271		
	6.851		275			2.287		272		
	6.576		.549			2.015		543		
1	20.552	6.851		.549	57°	6.860	2.287		.543	
	8.971		352			1.308		347		
	8.619		352			0.961		344		
	8.267		704			0.617		691		
2	25.857	8.619		1.253		2.886	0.962		1.234	
	9.373		355			1.172		344		
	9.018		356			0.828		346		
	8.662		711			0.482		690		
3	27.053	9.018		1.964		2.482	0.827		1.924	
	9.433		345			0.995		353		
	9.088		345			0.642		350		
	8.743		690			0.292		703		
4	27.264	9.088		2.654		1.929	0.643		2.627	
	10.488		398			1.248		403		
	10.090		398			0.845		403		
	9.692		796			0.442		806		
5	30.270	10.090		3.450		2.535	0.845		3.433	
		43.666					5.564			

F.B. 2414 P.G. 132

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR142552
Notes by G. E. DREIER Time 1:40 TO 2:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-80 To B.M. 102-79
Date 12-19-57
Indexed E. A. Johnson

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
	10.410	43.666	396	3.450		1.509	5.564	400	3.433	
	10.014		395			1.109		399		
	9.619		791			0.710		799		
6	30.043	10.014		4.241		3.328	1.109		4.232	
	9.022		387			3.722		397		
	8.635		387			3.325		396		
	8.248		774			2.929		793		
7	25.905	8.635		5.015		9.976	3.325		5.025	
	5.171		606			11.171		626		
	4.565		606			10.545		627		
	3.959		1.212			9.918		1.253		
8	13.695	4.565		6.227		31.634	10.545		6.278	
	1.838		356			9.462		343		
	1.482		355			9.119		342		
	1.127		711			8.777		685		
9	4.447	1.482		6.938		27.358	9.119		6.963	
	1.446		353			8.186		350		
	1.093		352			7.836		349		
	0.741		705			7.487		699		
10	3.280	1.093		7.643		23.509	7.836		7.662	
		69.455					37.498			

F.B. 2414 P.G. 133

76P526 S & E #879 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G.E. DREIER Time 1:40 TO 2:00 Rod No. 15 & 16

Name A CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-80 To BM. 102-79
Date 12-19-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.808	69.455	626	7.643		5541	37.498	616	7.662	B.M. 102-79
	5.182		625			4.925		616		STATE HWY 138' JCT OF OLD RIDGE RTE
	4.557		1.251			4.309		1.232		SEE F.B. 2412-83 FOR DESC.
11	15.547	5.182		8.894		14.775	4.925		8.894	
										SUMMATION OF RUN
										B.M 102-80 TO BM 102-79
										TOTAL BACKSIGHT + 74.637
										TOTAL FORESIGHT − 42.423
										DIFF IN ELEV. + 32.214
		74.637					42.423			

F.B. 2414 P.G. 134

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR-SUN Inst. No NR 142552
Notes by J. MOODY Time 9:15 to 10:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-80 To BM102-81
Date 12-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1340		316		#15	10.167		321		BM.102-80(U.S.)C-370,1953
	1024		314			9846		322		STATE HWY #138, 0.4 MI. N.W. OF JCT.
	0710		630			9524		643		of OLD RIDGE RT.
1	3074	1.025		.630	50°	29537	9.846		.643	SEE F.B. 2412-84 for DESC.
	1809		448			9428		449		
	1361		449			8979		449		⊼ G.E. DREIER
	0912		897			8530		898		
2	4082	1.361		1.527		26937	8.979		1.541	
	1759		488			8436		504		
	1471		491			7932		504		
	0980		979			7428		1008		
3	4410	1.470		2.506		23796	7.932		2.549	
	3919		506			7619		497		
	3413		506			7122		499		
	2907		1012			6623		996		
4	10.239	3.413		3.518		21364	7.121		3.545	
	4354		455			10.142		449		
	3899		456			9693		446		
	3443		911			9247		895		
5	11.696	3.899		4.429		29082	9.694		4.440	
		11.168					43.572			

F.B. 2414 P.G. 135

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather CLEAR-SUN Inst. No. NF142552
Notes by J. MOODY Time 9:15 to 10:10 Rod No. 15 & 16

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-80 To BM102-81
Date 12-19-57
Indexed A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2418	11.168	400	4429		9475	43572	404	4440	
	2018		401			9071		403		
	1617		801			8668		807		
6	6053	2018		5230		27214	9071		5247	
	4362		629			5348		623		
	3733		626			4725		623		
	3107		1255			4102		1246		
7	11202	3734		6485		14175	4725		6493	
	9236		631			3213		622		
	8605		629			2591		622		
	7976		1260			1969		1244		
8	25817	8606		7745		7773	2591		7737	
	4273		499			8710		497		
	3774		501			8213		497		
	3273		1000			7716		994		
9	11320	3773		8745		24639	8213		8731	
	3162		499			8382		506		
	2663		497			7876		507		
	2166		996			7369		1013		
10	7991	2664		9741		23627	7876		9744	
		31963					76048			

F.B. 2414 P.G. 136

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather CLEAR-SUN Inst. No. NK 192552
Notes by J. MOODY Time 9:15 to 10:10 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-80 To BM 102-81
Date 12-18-57 G. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4851	31.963	627	9.741		5041	76.048	590	9.744	T.P, CHISLED SQ. IN S. HEAD-
	4224		625			4451		591		WALL STA. K 171+50
	3599		1252			3860		1181		
11	12674	4.225		10993		13352	4.451		10925	
	5543		654			5039		687		
	4889		656			4352		686		
	4233		1310			3666		1373		
12	14665	4.888		12303		13057	4.352		12298	
	8019		622			4436		629		
	7397		625			3807		628		
	6772		1247			3179		1257		
13	22188	7.396		13550		11422	3.807		13555	
	8091		627			3202		628		
	7464		627			2574		626		
	6837		1254			1948		1254		
14	22392	7.464		14804		7724	2.575		14809	
	9919		572			1358		580		
	9347		576			0778		580		
	8771		1148			0198		1160		
15	28037	9.346		15952		2334	0.778		15969	
		65282					92011			

F.B. 2414 PG. 137

76P526 S & E #570 [illegible]

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. F. DREIER Weather CLEAR-SUN Inst. No. NE 14255
Notes by J. MOODY Time 9:15 to 10:10 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-80 To BM102-81
Date 12-19-57
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
	9999	65.282	385	15.952		3545	92.011	381	15.969	
	8614		384			3164		381		
	8230		769			2783		762		
16	25843	8.614		16.721		9492	3.164		16.731	
	6675		383			6439		380		BM 102-81 (U.S.)
	6292		381			6059		380		STATE HWY #138, OPP. KINSEY'S
	5911		764			5679		760		RANCH HO.
17	18878	6.293		17.485		18177	6.059		17.491	SEE F.B. 2412-85 FOR DESC.
									17.485	
									34.976	
									0.66 MI	
										SUMMATION OF RUN
										BM 102-80 to BM 102-81
										TOTAL BACKSIGHTS + 80.189
										TOTAL FORESIGHTS − 101.234
										DIFF IN ELEV. − 21.045
		80.189					101.234			

F.B. 2414 P.G. 138

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 1:00 TO 1:30 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 030102
From BM 102-81 To BM 102-80
Date 12-19-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6758		382		#15	6990		381		B.M. 102-81 (STATE HWY. BM)
	6376		383			6609		381		STATE HWY. 138 ± OPPOSITE MAIN
	5993		765			6228		762		HOUSE TO KINSEY RANCH
1	19127	6376		765		19827	6609		762	SEE F.B. 2412-85 FOR DESC.
	3502		380			8958		388		TO G.E. DREIER
	3122		380			8570		388		
	2742		760			8182		776		
2.	9364	3122		1525		25710	8570		1538	
	2259		584			10827		585		
	1675		584			10242		582		
	1091		1168			9660		1167		
3.	5025	1675		2693		30729	10243		2705	
	2978		628			7866		629		
	2350		629			7237		629		
	1721		1257			6608		1258		
4.	7049	2350		3956		21714	7237		3963	
	4911		627			8498		625		
	4284		627			7873		624		
	3657		1254			7249		1249		
5.	12852	4284		5204		23620	7873		5212	
		17806					40532			
		131					242			

F.B. 2414 P.G. 139

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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J 15

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 1:00 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-81 To BM 102-80
Date 12-19-57 E. Johnson
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
	5068	17.804	675	5204		5596	40532	668	5212	
	4393		674			4928		667		
	3719		1349			4261		1335		
6.	13180	4393		6553		14785	4928		6547	← T.P. CHISELED SQUARE IN
	9878		616			4655		626		So. HEADWALL OF CULVERT
	4259		617			4033		626		AT STA 171+50
	3642		1233			3407		1252		
7.	12776	4259		7786		12099	4033		7799	
	8409		503			3193		500		
	7906		504			2693		501		
	7402		1007			2192		1001		
8.	23717	7906		8793		8078	2693		8800	
	8948		498			4511		501		
	8450		500			4010		501		
	7950		998			3509		1002		
9	25348	8449		9791		12030	4010		9802	
	3169		627			9181		628		
	2542		625			8553		626		
	1917		1252			7927		1254		
10.	7628	2543		11043		25661	8554		11056	
		45356					64750			

F.B. 2414 PG. 140

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 1:00 TO 1:30 Rod No. 15 E 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM. 102-81 To BM 102-80
Date 12-19-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4688	45.358	620	11.043		3704	64.750	627	11.056	
	4068		621			3077		629		
	3447		1241			2448		1256		
11	12203	4068		12.284		9229	3.076		12.312	
	8858		396			1811		403		
	8462		395			1408		405		
	8067		791			1003		808		
12	25387	8462		13.075		4222	1.407		13.120	
	9475		455			3670		445		
	9020		457			3225		446		
	8563		912			2779		891		
13.	27059	9.019		13.987		9674	3.225		14.011	
	7783		495			4088		511		
	7288		497			3577		510		
	6791		992			3067		1021		
14.	21862	7.287		14.979		10732	3.577		15.032	
	8329		498			1862		493		
	7831		498			1369		496		
	7333		996			0873		989		
15.	23493	7.831		15.975		4104	1.368		16.021	
		82.025					77.403			

F.B. 2414 P.G. 141

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREW Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 1:00 To 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-81 To BM. 102-80
Date 12-19-57
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9360	82.028	448	15.975		1741	77.403	449	16.021	
	8912		446			1292		449		
	8466		894			0843		898		
16.	26738	8913		16.869		3876	1.292		16.919	
	10100		331			1253		303		B.M. 102-80 (U.S. C-370 1953)
	9769		330			0950		303		STATE HWY 138 ℄ 0.4 MI. N.W. OF JCT
	9439		661			0647		606		OF THE OLD RIDGE ROUTE
17.	29308	9.769		17.530		2850	0.950		17.525	SEE F.B. 2412-84 FOR DESC.
										SUMMATION OF RUN
										BM. 102-81 TO BM. 102-80
										TOTAL BACKSIGHT +100.706
										TOTAL FORESIGHT − 79.645
										DIFF IN ELEV. +21.061'
		100.706					79.645			

F.B. 2414 P.G. 142

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR-BREEZY Inst. No. Nr 142552
Notes by T. OHASHI Time 10:40 TO 12:30 Rod No. 15 & 16

Name L.A.C. PRECISE LEVEL NET
Job No. 030102
From BM. 102-81 To BM. 102-80
Date 12-20-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6288		380		#15	6522		381		B.M. 102-81 (STATE HWY. B.M.)
	5908		380			6141		382		STATE HWY. 138, OPPOSITE MAIN
	5528		760			5759		763		HOUSE TO KINSEY RANCH
1	17.724	5.908		760		18.422	6.141		763	SEE F.B. 2412-85 FOR DESC.
	3582		383			9032		384		
	3199		383			8648		386		⊼ J. MOODY.
	2816		766			8262		770		
2	9.597	3.199		1526		25.942	8.647		1533	
	2051		576			10630		588		
	1475		576			10.042		585		
	0899		1152			9457		1173		
3	4.425	1475		2678		30,129	10.043		2706	
	3442		624			8341		636		
	2818		627			7704		634		
	2191		1251			7071		1270		
P.G. 4	8451	2.817		3929		23117	7706		3976	
	4319		631			7900		623		
	3688		631			7277		625		
	3057		1262			6652		1248		
F.B. 5	11.064	3.688		5.191		21.829	7.276		5224	
		17.087					39.813			

F.B. 2414 P.G. 1-3

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear-Breezy Inst. No. N-142552
Notes by T. OHASHI Time 10:40 To 12:30 Rod No. 15516

Name L. A. CO. PRECISE LEVEL NF
Job No. 030102
From B.M. 102-81 To BM 102-80
Date 12-20-57
Indexed L. G. Johnson

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
	4877	17.087	634	5191		5489	39.813	711	5224	
	4243		633			4778		710		
	3610		1267			4068		1421		
6	12.736	4.243		6458		14.335	4.778		6.645	← T.P. CHISELED SQUARE IN
	5178		637			4892		577		HEADWALL STA K 171+50
	4541		639			4315		577		
	3902		1276			3738		1154		
7	13.621	4.540		7734		12.945	4.315		7799	
	8551		525			3296		481		
	8026		525			2815		481		
	7501		1050			2334		962		
8	24.078	8.026		8784		8.445	2.815		8761	
	8873		492			4452		509		
	8381		491			3943		566		
	7890		983			3437		1075		
9	25.144	8.381		9767		11.832	3.944		9776	
	3602		628			9617		628		
	2974		626			8989		630		
	2348		1254			8359		1258		
10.	8.924	2.975		11.021		26.965	8.988		11.034	
		45.252					64.653			

F.B. 2414 PG. 144

F.B. P.G.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. Nr 142552
Notes by T. OHASHI Time 11:40 To 12:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-81 To BM 102-80
Date 12-20-57
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
	5.429	45.252	627	11.021		4438	64.653	624	11.034	
	4802		625			3814		623		
	4177		1252			3191		1247		
11.	14.408	4.803		12.273		11.443	3.814		12.281	
	8839		395			1793		403		
	8444		394			1390		403		
	8050		789			0987		806		
12	25.333	8444		13.062		4.170	1.390		13.087	
	9977		445			4195		457		
	9532		444			3738		457		
	9088		889			3281		914		
13	28.597	9.532		13.951		11.214	3.738		14.001	
	7091		493			3388		499		
	6598		496			2889		498		
	6102		989			2391		997		
14	19.791	6.597		14.940		8.668	2.889		14.998	
	8474		496			2012		495		
	7978		496			1517		497		
	7482		992			1020		992		
15	23.934	7.978		15.932		4.549	1.516		15.990	
		82.606					78.000			

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

F.B. 2414 P.G. 145

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 12:40 TO 12:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 102-81 To BM 102-80
Date 12-20-57
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9718	82.606	449	15932		2099	78.000	448	15990	
	9269		449			1651		449		
	8820		898			1202		897		
16.	27807	9.269		16.830		4.952	1.651		16.887	
	10281		333			1431		303		B.M 102-80
	9948		333			1128		362		STATE HWY. 138, 0.4 MI. N.W. OF JCT.
	9615		666			0826		605		OF OLD RIDGE ROUTE
17.	29844	9.948		17.496		3.385	1.128		17.492	SEE F.B. 2412-84 FOR DESC.
										SUMMATION OF RUN
										BM. 102-81 TO BM. 102-80
										TOTAL BACKSIGHT. + 101.823
										TOTAL FORESIGHT. − 80.779
										DIFF IN ELEV. + 21.044
		101.823					80.779			

F.B. 2414 PG. 146

F.B. P.G.

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by T. OHASHI Time 10:10 TO 11:00 Rod No. 15 & 16

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-81 To B.M. 102-82
Date 12-18-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6623		465		#15	7963		446		B.M. 102-(71) 81 ?
	6.158		467			7.517		447		STATE Hwy 138 OPPOSITE MAIN HOUSE
	5.691		932			7070		893		OF KINSEY RANCH
1	18.472	6.157		.932		22.550	7.517		893	SEE F.B. 102-75 FOR DESC.
	2070		502			9370		501		
	1568		504			8869		500		
	1064		1006			8369		1001		↑ J. MOODY
2	4702	1.567		1938		26.608	8.869		1894	
	2118		498			9528		500		
	1620		499			9028		499		
	1121		997			8529		999		
3	4.859	1.620		2935		27.085	9.028		2893	
	2371		585			7883		448		
	1786		587			7435		449		
	1199		1172			6986		897		
4	5.356	1.785		4.107		22.304	7.435		3790	
	7172		597			7020		655		
	6575		596			6365		656		
	5979		1193			5709		1311		
5	19.726	6.575		5300		19.094	6.365		5101	
		17.704					39.214			

F.B. 2414 P.G. 147

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 10:10 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-81 To BM. 102-82
Date 12-19-57
Indexed C. JOHNSON

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
	5585	17.704	626	5300		4047	39.216	630	5101	
	4959		627			3417		632		
	4332		1253			2785		1262		
6.	14.876	4.959		6553		10.249	3.416		6363	
	9988		600			8813		654		
	9388		603			8159		651		
	8785		1203			7508		1305		
7.	28.161	9.387		7756		24.480	8.160		7668	
	2362		531			6738		573		
	1831		532			6165		574		
	1299		1063			5591		1147		
8.	5492	1.831		8819		18.494	6.165		8815	
	6805		367			3937		366		
	6438		366			3571		366		
	6072		733			3205		732		
9	19.315	6.438		9552		10.713	3.571		9547	
	7053		370			4131		365		
	6683		370			3766		366		
	6313		740			3400		731		
10	20.049	6.683		10.292		11.297	3.766		10.278	
		47.002					44.292			

F.B. 2414 P.G. 148

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIEN Weather CLEAR Inst. No. Nr-142552
Notes by T. OHASHI Time 10:10 To 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-81 To BM 102-82
Date 12-19-87
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8082	47.002	399	10.292		1613	64.292	402	10.278	
	7683		397			1211		401		
	7286		796			0810		803		
11.	23051	7.684		11.088		3.634	1.211		11.081	
	10068		378			1429		358		BM. 102-82 (US Y-33 1926)
	9690		377			1031		396		STATE HWY. 138 & STA. A 209+00
	9313		755			0635		794		SEE F.B. 2412-86 FOR DESC.
12	29071	9.690		11.843		3.095	1.032		11.875	
									11.843	
									23.718	
									= 0.45 MI.	.0116
										SUMMATION OF RUN
										BM 102-81 TO BM 102-82
										TOTAL BACKSIGHT +64.376
										TOTAL FORESIGHT −66.535
										DIFF IN ELEV. −2.159
		64.376					66.535			

F.B. 2414 P.G. 149

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 12:10 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-82 To BM 102-81
Date 12-19-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1355		396		#15	9998		380		BM 102-82
	0959		393			9618		380		STATE HWY. 138 & STA A 209+00
	0566		789			9238		760		SEE F.B. 2412-86 FOR DESC.
1	2.880	0.960		.789		28.854	9.618		760	
	1628		400			8078		399		TK J. MOODY.
	1228		401			7699		398		
	0827		801			7301		797		
2	3.683	1.228		1.590		23.098	7.699		1.557	
	4115		366			7033		365		
	3749		368			6665		368		
	3381		734			6297		736		
3	11.245	3.748		2.324		19.995	6.665		2.293	
	3947		368			6813		365		
	3579		366			6448		367		
	3213		734			6081		732		
4	10.739	3.580		3.058		19.342	6.447		3.025	
	6653		556			2312		550		
	6097		557			1762		548		
	5540		1113			1214		1098		
5	18.290	6.097		4.171		5.288	1.763		4.123	
		15.613					32.192			
		132					273			

F.B. 2414 P.G. 150

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 12/10 70 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM102-82 To BM102-81
Date 12-19-57
Indexed E. O. Johnson

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
	8916	15.613	607	4171		10181	32.192	647	4123	
	8309		607			9534		645		
	7702		1214			8889		1292		
6	24927	8.309		5385		28604	9.535		5415	
	4058		630			5598		627		
	3428		630			4971		629		
	2798		1260			4342		1256		
7.	10284	3.428		6645		14911	4.970		6671	
	6782		624			6998		627		
	6158		621			6371		631		
	5537		1245			5740		1258		
8.	18477	6.159		7890		19109	6.370		7929	
	7905		454			2381		579		
	7451		453			1802		581		
	6998		907			1221		1160		
9.	22354	7.451		8797		5404	1.801		9089	
	9911		562			2375		435		
	9349		563			1940		435		
	8786		1125			1505		870		
10.	28046	9.349		9922		5820	1.940		9959	
		50.309					56.808			

F.B. 2414 PG. 151

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 12:10 to 1:00 Rod No. 15 E 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-82 To BM 102-81
Date 12-19-57
Indexed ~~L. O. Johnson~~

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9608	50.309	514	9922		2278	56.808	487	9959	
	9094		515			1791		489		
	8579		1029			1302		976		
11	27.281	9.094		10.951		5.371	1.790		10.935	
	7978		456			6633		464		B.M. 102-81 (STATE HWY. B.M)
	7528		451			6169		464		STATE HWY. 138 OPPOSITE MAIN HOUSE
	7077		901			5705		928		TO KINSEY RANCH
12	22.583	7.528		11.852		18.507	6.169		11.863	SEE F.B. 2412-85 FOR DESC.
										SUMMATION OF RUN
										BM 102-82 to BM 102-81
										TOTAL BACKSIGHTS + 66.931
										TOTAL FORESIGHTS - 64.767
										DIFF IN ELEV. + 2.164
		66.931					64.767			

F.B. 2414 P.G. 152

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:30 To 2:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-79 To U.S.C.&G.S. X-53
Date 12-20-57
Indexed E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8716		279		#15	2885		304		B.M. 102-79
	8437		279			2581		303		STATE HWY 138 & JCT. OF OLD RIDGE
	8158		558			2278		607		ROUTE ROAD
1	25311	8.437		558		7744	2.581		607	SEE F.B. 2412-83 FOR DESC.
	9530		402			1705		402		
	9128		402			1303		401		⊼ J. MOODY.
	8726		804			0902		803		
2.	27384	9.128		1362		3910	1303		1410	
	9355		404			1598		400		
	8951		403			1198		398		
	8548		807			6800		798		
3.	26854	8.951		2169		3596	1199		2208	
	9968		381			1263		378		
	9587		383			0885		377		
	9204		764			0508		755		
4.	28759	9.586		2933		2656	0.885		2963	
	10109		378			1023		379		
	9731		379			0644		378		
	9352		757			0266		757		
5.	29192	9.731		3690		1933	0.644		3720	
		45.833					6.612			

F.B. 2414 P.G. 153

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 12:30 TO 2:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From B.M. 102-79 To U.S.C. & G.S. X-53
Date 12-20-57
Indexed E. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10168	45.833	373	3690		1063	6.612	375	3720	
	9795		373			0688		376		
	9422		746			0312		751		
6	29385	9.795		4.436		2063	0.688		4471	
	10258		373			1187		384		
	9885		373			0803		382		
	9512		746			0421		766		
7	29655	9.885		5.182		2411	0.804		5237	
	10178		369			1394		403		
	9809		370			0991		402		
	9439		739			0589		805		
8	29426	9.809		5921		2974	0.991		6042	
	10170		353			2060		366		
	9817		355			1694		367		
	9462		708			1327		733		
9	29449	9.816		6629		5081	1.694		6775	
	9164		388			2746		379		
	8776		388			2367		378		
	8388		776			1989		757		
10	26328	8776		7405		7102	2.367		7532	
		93914					13.156			

F.B. 2414 P.G. 154

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:30 TO 2:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-79 To U.S.C.&G.S. X-53
Date 12-20-57
Indexed L. O. Johnson

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
	9774	93.914	383	7405		1311	13.156	376	7532	
	9391		383			0935		376		
	9008		766			0559		752		
11	28.173	9.391		8.171		2.805	0.935		8.284	
	10397		375			1042		377		
	10.022		374			0665		376		
	9648		749			0289		753		
12	30.067	10.022		8920		1.996	0.665		9037	
	9874		357			1368		336		
	9517		358			1032		334		
	9159		715			0698		670		
13.	28.550	9.517		9635		3.098	1.033		9707	
	10095		350			1808		351		
	9745		349			1457		351		
	9396		699			1106		702		
14.	29.236	9.745		10334		4.371	1.457		10409	
	10251		372			1571		334		
	9879		371			1237		332		
	9508		743			0905		666		
15	29.638	9.879		11077		3.713	1.238		11075	
		142.468					18.484			

F.B. 2414 P.G. 155

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 12:30 TO 2:00 Rod No. 18 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-79 To USC & GS X-53
Date 12-20-57
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9985	14.2468	350	11.077		1551	18.494	348	11.095	
	9635		350			1203		348		
	9285		700			0855		696		
16	28.905	9.635		11.777		3.609	1.203		11.771	
	9625		350			1508		352		
	9275		350			1156		350		
	8925		700			0806		702		
17	27.825	9.275		12.477		3.470	1.157		12.473	
	10281		350			1594		352		
	9931		352			1242		353		
	9579		702			0889		705		
18	29.791	9.930		13.179		3.725	1.242		13.178	
	10035		351			1609		351		
	9684		351			1258		351		
	9333		702			0907		702		
19	29.052	9.684		13.881		3.774	1.258		13.880	
	10075		346			1631		349		
	9729		347			1282		349		
	9382		693			0933		698		
20	29.186	9.729		14.574		3.846	1.282		14.578	
		190.721					24.626			

F.B. 2414 P.G. 156

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 12:30 TO 2:00 Rod No. 15 E/16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-79 To U.S.C.&G.S. X-53
Date 12-20-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9983	10.721	344	14.574		1470	24.626	360	14.578	
	9639		344			1110		360		
	9295		688			0750		720		
21	28.917	9.639		15.262		3.330	1.110		15.298	
	9869		352			1547		353		
	9517		351			1194		352		
	9166		703			0842		705		
22	28.552	9.517		15.965		3.583	1.194		16.063	
	10092		349			1627		349		
	9743		347			1278		349		
	9396		696			0929		698		
23	29.231	9.744		16.661		3.834	1.278		16.701	
	10143		361			1850		338		
	9782		363			1512		340		
	9419		724			1172		678		
24	29.344	9.781		17.385		4.534	1.511		17.379	
	9591		349			1572		353		
	9242		349			1219		351		
	8893		698			0868		704		
25	27.726	9.242		18.083		3.659	1.220		18.083	
		238.644					30.939			

F.B. 2414 P.G. 157

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr. 142557
Notes by T. OHASHI Time 12:30 To 2:00 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET.
Job No. 0301.02
From BM. 102-79 To U.S.C.&G.S. X-53
Date 12-20-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9647	238.644	330	18.083		1567	30.939	819	18.083	BM. U.S.C. & G.S. X-53 1926
	9317		329			1248		320		OLD RIDGE ROUTE RD. 0.71 MI. S.E.
	8988		659			0928		639		FROM JCT. OF STATE HWY. 138
26.	27.952	9.317		18.742		3.743	12.48		18.722	
									18.742	
									37.464	
									= 0.71	MI. .0143
										SUMMATION OF RUN
										BM. 102-79 TO B.M.
										TOTAL BACKSIGHT +247.961
										TOTAL FORESIGHT - 32.187
										DIFF IN ELEV. +215.774
		247.961					32.187			

F.B. 2414 P.G. 158

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No Nr 142,552
Notes by T. OHASHI Time 9:30 To 10:50 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 030102
From U.S.C.&G.S. X-53 To BM. 102-79
Date 12-26-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1423		325		#15	9501		333		BM. U.S.C.&G.S. X-53 (1926)
	1098		325			9168		331		OLD RIDGE ROUTE RD. 0.71 MI. S.E.
	0773		650			8837		664		FROM JCT. OF STATE HWY. 138
1.	3.294	1.098		650		27506	9.169		662	
	1617		355			9633		348		
	1262		354			9285		348		⊼ J. MOODY.
	0908		709			8937		696		
2.	3787	1.262		1359		27855	9.285		1360	
	1777		352			10048		349		
	1425		351			9696		349		
	1074		703			9347		698		
3.	4.276	1.425		2062		29088	9.696		2058	
	1598		349			10061		348		
	1249		350			9713		346		
	0899		699			9367		694		
4.	3746	1.249		2761		29141	9.714		2752	
	1525		349			9851		353		
	1176		349			9498		352		
	0827		698			9146		705		
5.	3528	1.176		3459		28495	9.498		3457	
		6.210					47.362			

F.B. P.G.

FB 2414 PG. 159

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142,552
Notes by T. OHASHI Time 9:30 TO 10:50 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET.
Job No. 030102
From U.S.C.&G.S. X-53 To BM. 102-79
Date 12-26-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1531	6.210	354	3.459		10,053	47.362	348	3.457	
	1177		355			9705		348		
	0822		709			9357		696		
6.	3.530	1.177		4.168		29.115	9.705		4.153	
	1648		347			10097		349		
	1301		345			9748		349		
	0956		692			9399		698		
7.	3.905	1.302		4.860		29.244	9.748		4.851	
	1615		352			10039		350		
	1263		350			9689		351		
	0913		702			9338		701		
8.	3.791	1.264		5.562		29.066	9.689		5.552	
	1399		365			10060		337		
	1034		363			9723		336		
	0671		728			9387		673		
PG. 160 9.	3.104	1.035		6.290		29.170	9.723		6.225	F.B.
	1353		351			9471		350		
	1002		350			9121		350		
	0652		701			8771		700		
F.B. 2414 10.	3.067	1.002		6.991		27.363	9.121		6.925	P.G.
		11.990					95.348			

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 9:30 To 10:50 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From USC&GS X-53 To BM 102-79
Date 12-26-57
Indexed [illegible] O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1295	11.990	356	6.991		9.717	95.348	344	6.925	
	0939		353			9373		345		
	0586		709			9028		689		
11	2820	0.940		7.700		28.118	9.373		7.614	
	1436		356			10078		350		
	1080		353			9728		349		
	0727		709			9379		699		
12	3243	1.081		8.409		29185	9.728		8.313	
	1907		337			10218		367		
	1570		338			9851		367		
	1232		675			9484		734		
13	4.709	1.570		9.084		29.553	9.851		9.047	
	1299		337			9802		355		
	0962		336			9447		354		
	0626		673			9093		709		
14	2.887	0962		9.757		28.342	9.447		9.756	
	11.59		377			10515		376		
	0782		375			10139		375		
	0407		752			9764		751		
15	2.348	0.783		10.509		30.418	10.139		10.507	
		17.326					143.886			

F.B. P.G.

F.B. 2414 PG. 161

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9:30 To Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET.
Job No. 030102
From U.S.C&G.S. X-53 To BM 102-79
Date 12-26-87
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1258	17.326	377	10.509		9719	143.886	383	10.507	
	0881		377			9336		384		
	0504		754			8952		767		
16.	2643	0881		11.263		28.607	9336		11.274	
	2633		381			9048		396		
	2252		381			8658		389		
	1871		762			8269		779		
17.	6.756	2.252		12.025		25.975	8.658		12.053	
	2085		363			10199		343		
	1722		365			9856		343		
	1357		728			9513		686		
18	5.164	1.721		12.753		29.568	9.856		12.739	
	1407		399			10187		372		
	1008		397			9815		370		
	0611		796			9445		742		
19.	3.026	1.009		13.549		29.447	9.816		13.481	
	1167		384			10238		373		
	0783		384			9865		372		
	0399		768			9493		745		
20.	2.349	07.83		14.317		29.596	9.865		14.226	
		23.972					191.417			

F.B. 2414 P.G. 162

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

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. N-142552
Notes by T. OHASHI Time 9:30 To 10:50 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET.
Job No. 0301.02
From U.S.C.&G.S. X-53 To B.M. 102-79
Date 12-26-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1151	23.972	363	14.317		10279	191.417	385	14.226	
	0788		365			9894		384		
	0423		728			9510		769		
21.	2.362	0.787		15.045		29.683	9.894		14.995	
	1287		368			10397		391		
	0919		364			10.006		391		
	0555		732			9615		782		
22	2.761	0.920		15.777		30.018	10.006		15.777	
	1502		379			10334		376		
	1123		378			9.958		377		
	0745		757			9581		753		
23	3.370	1.123		16.534		29.873	9.958		16.530	
	2023		416			9605		402		
	1607		414			9203		402		
	1193		830			8801		804		
24	4.823	1608		17.364		27.609	9.203		17.334	
	1997		401			9887		400		
	1596		401			9487		399		
	1195		802			9088		799		
25	4788	1596		18.166		28.462	9.487		18.133	
		30.006					239.965			

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

F.B. 2414 Pg. 163

76PS26 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 9:30 To 10:50 Rod No. 15 & 16

Name L.A.C. PRECISE LEVEL NET.
Job No. 030102
From U.S.C.&G.S. X-55 To B.M. 102-79
Date 12-26-57
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2995	30.006	301	18.162		8788	237.965	283	18.133	B.M. 102-79.
	2694		300			8505		280		STATE HWY 138 & JCT. OF OLD RIDGE
	2394		601			8225		563		ROUTE.
26.	8.083	2.694		18.767		25518	8.506		18.696	SEE F.B. 2412-83 FOR DESC.
										SUMMATION OF RUN
										BM. TO BM. 102-79
										TOTAL BACKSIGHT + 32.700
										TOTAL FORESIGHT - 248.471
										DIFF IN ELEV. - 215.771
		32.700					248.471			

F.B. 2414 Pg 164

F.B.

P.G.

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER
Notes by G. E. DREIER
Weather CLEAR
Time 8:30 TO 9:10
Inst. No Nr. 142552
Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102-82 To B.M. 102-83
Date 1-28-58
Indexed E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6439		631		15	4374		625		B.M. 102-82 ([illegible] 926)
	5808		634			3749		626		STATE HWY 188 AT STA.
	5174		1265	1265		3123		1251	1251	5[illegible] 2412-86 FOR DESC.
1	17421	5807			55°	11246	3749			
	8051		641			4945		642		
	7410		642			4303		641		T. J. MOODY
	6768		1283	2548		3662		1283	2534	
2	22229	7410				12910	4303			
	9379		644			6999		641		
	8735		646			6358		644		
	8089		1290	3838		5714		1285	3817	
3	26203	8734				19071	6357			
	6938		650			7103		651		
	6288		650			6452		651		
	5638		1300	5138		5801		1302	5121	
4	18864	6288				19356	6452			
	5910		648			6122		650		
	5262		644			5472		651		
	4618		1292	6430		4821		1301	6423	
5	15790	5263				16415	5472			
		33502					26333			

F.B. 2414 P.G. 165

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No NK.142552
Notes by G. E. DREIER Time 8:30 TO 9:10 Rod No. 15 & 16

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102-82 To B.M. 102-83
Date 1-28-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.542	33.502	640	6.430		5.365	26.333	652	6.422	
	4.902		642			4.713		652		
	4.260		1.282			4.061		1.304		
6	14.704	4.901		7.712		14.139	4.713		7.726	
	5.199		637			5.065		654		
	4.562		634			4.411		653		
	3.928		1.271			3.758		1.307		
7	13.689	4.563		8.983		13.234	4.411		9.033	
	5.946		635			5.949		636		
	5.311		638			5.313		634		
	4.673		1.273			4.679		1.270		
8	15.930	5.310		10.256		15.941	5.314		10.303	
	4.882		651			4.797		642		
	4.231		653			4.155		641		
	3.578		1.304			3.514		1.283		
9	12.691	4.230		11.560		12.466	4.155		11.586	
	6.579		648			4.732		647		
	5.931		649			4.085		647		
	5.282		1.297			3.438		1.294		
10	17.792	5.931		12.857		12.255	4.085		12.880	
		58.437					49.011			

F.B. 2414 P.G. 166

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather CLEAR Inst. No NK 142552
Notes by [redacted] E. DREIER Time 8:30 TO 9:10 Rod No. 15816

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-82 To B.M. 102-83
Date 1-28-58
Indexed [redacted] L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.422	58.437	649	12.857		6.557	59.011	647	12.880	
	4.773		651			5.910		645		
	4.122		1.300			5.265		1.292		
11	14.317	4.772		14.157		17.732	5.911		14.172	SUMMATION OF RUN
	2.798		650			6.065		650		B.M. 102-82 TO BM 102-83
	2.148		649			5.415		650		TOTAL BACKSIGHT + 76.184
	1.499		1.299			4.765		1.300		TOTAL FORESIGHT - 65.757
12	6.445	2.148		15.456		16.245	5.415		15.472	DIFF IN ELEV. + 10.427
	5.434		646			5.017		644		
	4.788		647			4.373		641		
	4.141		1.293			3.732		1.285		
13	14.363	4.788		16.749		13.122	4.374		16.757	
	6.545		506			1.539		493		
	6.039		507			1.046		494		B.M. 102-83 (R 452, 1953)
	5.532		1.013			0.552		987		STATE HWY. #38 AT STA. K-243 + 37
14	18.116	6.039		17.762		3.137	1.046		17.744	SEE F.B. 2412-87 FOR DESC.
									17.762	
									35.506	
									= 0.67 mi.	
		76.184					65.757			

F.B. 2414 P.G. 167

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. W.142552
Notes by G. E. DREIER Time 1:45 TO 2:20 Rod No. 15 #16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-83 To B.M.103-82
Date 1-29-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.726		504		#15	6.688		472		B.M.102-83 (R 452 1953)
	1.222		503			6.216		473		STATE Hwy 138 AT STA K 243+37
	0.719		1.007			5.743		945		SEE F.B. 2412-87 FOR DESC
1	3.667	1.222		1.007	67°	18.647	6.216		.945	
	5.269		631			5.696		643		
	4.638		629			5.053		641		
	4.009		1.260			4.412		1.284		T. J. MOODY
2	13.916	4.639		2.267		15.161	5.054		2.229	
	6.354		641			3.088		640		
	5.713		640			2.448		639		
	5.073		1.281			1.809		1.279		
3	17.140	5.713		3.548		7.345	2.448		3.508	
	6.757		639			5.609		634		
	6.112		641			4.975		634		
	5.471		1.280			4.341		1.268		
4	18.334	6.111		4.828		14.925	4.975		4.776	
	4.792		644			6.633		638		
	4.148		647			5.995		638		
	3.501		1.291			5.357		1.276		
5	12.441	4.147		6.119		17.985	5.995		6.052	
		21.832					24.688			

F.B. 2414 P.G. 168

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 1:45 TO 2:20 Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 102-83 To B.M. 102-82
Date 1-29-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5551	21.832	633	6.119		5.635	24.688	641	6.052	
	4.918		631			4.994		642		
	4.287		1.264			4.352		1.283		
6	14.756	4.919		7.383		14.981	4.994		7.335	
	5.697		623			5.702		631		
	5.074		622			5.071		633		
	4.452		1.245			4.438		1.264		
7	15.223	5.074		8.628		15.211	5.070		8.599	
	5570		635			5.728		640		
	4.935		637			5.088		637		
	4.298		1.272			4.451		1.277		
8	14.803	4.934		9.900		15.267	5.089		9.876	
	5.549		618			5.776		656		
	4.931		619			5.120		653		
	4.312		1.237			4.467		1.309		
9	14.792	4.931		11.137		15.363	5.121		11.185	
	5859		640			5.651		640		
	5.219		639			5.011		639		
	4.580		1.279			4.372		1.279		
10	15.658	5.219		12.416		15.034	5.011		12.464	
		46.909					49.973			

F.B. 2414 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr.142552
Notes by G. E. DREIER Time 1:45 TO 2:20 Rod No 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-83 To B.M.102-82
Date 1-29-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6341	46.909	642	12.416		6.171	49.973	635	12.464	
	5.699		640			5.536		637		
	5.059		1.282			4.899		1.272		
11	17.099	5.700		13.698		16.606	5.535		13.736	
	5573		629			7.962		640		
	4.944		629			7.322		640		
	4.315		1.258			6.682		1.280		
12	14.832	4.944		14.956		21.966	7.322		15016	
	4.517		633			7.628		634		
	3.884		629			6.994		635		
	3.255		1.262			6.359		1.269		
13	11.656	3.885		16.218		20.981	6.994		16.285	
	3.437		653			5.457		616		B.M.102-82 (Y 53 1926)
	2.784		652			4.841		613		STATE HWY 138 AT STA K-209+00
	2.132		1.305			4.228		1.229		SEE F.B. 2412-86 FOR DESC.
14	8.353	2.794		17.523		14.526	4.842		17.514	
		64.232					74.666			

F.B. 2414 P.G. 170

SUMMATION OF RUN
B.M.102-83 TO B.M.102-82
TOTAL BACKSIGHTS +64.232
TOTAL FORESIGHTS -74.666
DIFF IN ELEVATION -10.434

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER
Notes by B. E. DREIER
Weather CLEAR-BREEZE
Time 9:10 TO 11:00
Inst. No NR 142552
Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL
Job No 0301.02
From B.M. 102-83 To B.M. 103-88
Date 1-28-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.006	16.501	633	10.598		2.374	11.270	622	10.605	
	7.373		633			1.752		621		
	6.740		1.266			1.131				
10	22.119	7.373		11.864		5.257	1.752	1.243	11.848	
	7.941		627			3.061		630		
	7.314		627			2.431		627		+37.841
	6.687		1.254			1.804		1.257		-20.054
11	21.942	7.314		13.118		7.296	2.432		13.105	+17.787
	7.056		403			5.009		410		
	6.653		402			4.599		408		
	6.251		805			4.191		818		
12	19.960	6.653		13.923		13.799	4.600		13.923	
		37.841					20.054		13.923	B.M. 102-85 (Q 452 1953)
									27.846	
									13.678	STATE Hwy 138 AT STA 270+41 E
									14.168 =0.27mi.	SEE F.B. 2412-88 FOR DESC.
	6.455		621			1.963		632		
	5.834		621			1.331		.632		
	5.213		1.242			0.699		1264		
13	17.502	5.834		15.165		3.993	1.331		15.187	

F.B. 2414 P.G. 173

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:10 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-83 To B.M. 102-88
Date 1-28-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.712	5.834	686	15.165		1.583	1.331	581	5.187	
	10.026		688			1.002		582		
	9.338		1.374			0.420		1.163		
14	30.076	10.025		16.539		3.005	1.002		16.350	
	9.967		388			1.020		418		
	9.579		384			0.602		420		
	9.195		772			0.182		838		
15	28.741	9.580		17.311		1.804	0.601		17.188	
	9.957		390			2.168		407		
	9.567		390			1.761		406		
	9.177		780			1.355		813		
16	28.701	9.567		18.091		5.284	1.761		18.001	
	9.439		305			2.128		303		
	9.134		305			1.825		303		
	8.829		610			1.522		606		
17	27.402	9.134		18.701		5.475	1.825		18.607	
	8.977		302			2.368		300		
	8.675		300			2.068		300		
	8.375		602			1.768		600		
18	26.027	8.676		19.303		6.204	2.068		19.207	
		52.816					8.588			

F.B. 2414 P.G. 174

76P526 S & E #379 1-54

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Chief of Party E. DREIER Weather CLEAR Inst. No NK 142552
Notes by E. DREIER Time 9:10 To 11:00 Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 102-83 To B.M. 102-88
Date 1-28-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.130	52.816	367	19.303		5.775	8.588	423	19.207	
	8.763		366			5.352		422		+ 61.579
	8.397		733			4.930		845		- 13.940
19	26.290	8.763		20.036		16.057	5.352		20.052	+ 47.639
		61.579					13.940		20.036	B.M. 102-86 (Z-53, 1926 RESET 1953)
									40088	
									27846	STATE Hwy 138 AT STA. K281+75
									12.242	
									= 0.23 mi	SEE F.B. 2412-89 FOR DESC
	9.103		439			1.327		499		
	8.664		439			0.828		499		
	8.225		878			0.329		998		
20	25.992	8.664		20.914		2.484	0.828		21.050	
	8.395		602			4.404		653		
	7.793		600			3.751		652		
	7.193		1.202			3.099		1305		
21	23.381	7.794		22.116		11.254	3.751		22.355	
	7.403		485			3.189		388		
	6.918		486			2.801		388		+ 23.376
	6.432		971			2.413		776		- 7.380
22	20.753	6.918		23.087		8.403	2.801		23.131	+ 15.996
		23.376					7.380		23.087	
									46218	
									40088	
									6.130 = 0.12 mi.	

F.B. 2414 P.G. 75

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NH 142552
Notes by G. E. DREIER Time 9:10 TO 11:00 Rod No 15 & 16

L.A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From BM.102-83 To BM.102-88
Date 1-28-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				23.087					23.131	BM.102-87 (P.452 1953) STATE Hwy 138 AT STA. K287+00 SEE F.B. 2412-90 FOR DESC
	7.490		487			1.269		443		
	7.013		485			0.826		443		
	6.538		972			0.383		886		
23	21.041	7.014		24.059		2.478	0.826		24.017	
	9.141		303			1.855		303		
	8.838		300			1.552		301		
	8.538		603			1.251		604		
24	26.517	8.839		24.662		4.658	1.553		24.621	
	9.283		326			1.878		317		
	8.957		326			1.561		316		
	8.631		652			1.245		633		
25	26.871	8.957		25.314		4.684	1.561		25.254	
	9.299		327			2.165		323		
	8.972		327			1.842		324		
	8.645		654			1.518		657		
26	26.916	8.972		25.968		5.525	1.842		25.911	
		33.782					5.782			

F.B. 2414 P.G. 176

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR 142552
Notes by G. E. DREIER Time 9:10 TO 11:00 Rod No 15816

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102-83 To B.M. 102-88
Date 1-28-58
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
	9.285	33.782	330	25.968		1.879	5.782	320	25.911	
	8.955		329			1.559		320		
	8.626		659			1.239		640		
27	26.866	8.955		26.627		4.677	1.559		26.551	
	9.093		328			1.954		325		
	8.765		327			1.629		326		
	8.438		655			1.303		651		
28	26.296	8.765		27.282		4.886	1.629		27.202	
	9.033		326			1.594		327		
	8.707		326			1.267		328		
	8.381		652			0.939		655		
29	26.121	8.707		27.934		3.800	1.267		27.857	+ 64.727
										− 19.371
										+ 45.356
	4.705		188			9.358		224		
	4.517		185			9.134		225		
	4.332		373			8.909		449		
30	13.554	4.518		28.307		27.401	9.134		28.306	
								1.07 mi =	28.307	B.M. 102-88 (N-452 1953)
									56.613	
									48.218	STATE HWY 138 AT STA 296+30±
									10.395	
									= 0.20 mi	SEE F.B. 2412-91 FOR DESC
		64.727					19.371			

F.B. 2414 P.O. 177

SEE NEXT PAGE

1.07

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather Inst. No.
Notes by G. E. DREIER Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-83 To B.M. 102-88
Date 1-28-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										SUMMATION OF RUN B.M. 102-83 TO 102-88
				DIFF	IN	ELEVATION	B.M. 102-83	TO	B.M. 102-84	-15.041'
				"	"	"	"	102-84 "	" 102-85	+17.787'
				"	"	"	"	102-85 "	" 102-86	+47.639'
				"	"	"	"	102-86 "	" 102-87	+15.996'
				"	"	"	"	102-87 "	" 102-88	+45.356'

F.B. 2414 P.G. 178

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr 142552
Notes by G. E. DREIER Time 12.30 TO 1.45 Rod No 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.115		208		#15	4.496		204		BM 102-88 (N452,1953)
	8.907		209			4.292		204		STATE HWY. #138 AT STA. K 296+30±
	8.698		417			4.088		408		SEE F.B. 2412-91 FOR DESC.
1	26.720	8.907		.417		12.876	4.292		408	
	1.781		299			9.226		304		
	1.482		300			8.922		304		
	1.182		599			8.618		608		T J. MOODY
2	4.445	1.482		1.016		26.766	8.922		1.016	
	2.090		298			9.235		305		
	1.792		297			8.930		305		
	1.495		595			8.625		610		
3	5.377	1.792		1.611		26.790	8.930		1.626	
	1.628		307			9.019		304		
	1.321		308			8.715		302		
	1.013		615			8.413		606		
4	3.962	1.321		2.226		26.147	8.716		2.232	
	2.055		301			9.189		304		
	1.754		299			8.885		304		
	1.455		600			8.581		604		
5	5.264	1.755		2.826		26.655	8.885		2.836	
		15.257					39.745			

F.B. 2414 P.G. 74

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G. E. DREIER Time 12:30 TO 1:45 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1901	15.257	300	2.826		9.299	39.745	303	2.836	
	1601		301			8.996		304		
	1300		601			8.692		607		
6	4.802	1.601		3.427		26.987	8.996		3.443	
	1.712		300			9.003		305		
	1.412		302			8.698		303		+ 18.955
	1.110		602			8.395		608		− 64.314
7	4.234	1.411		4.029		26.096	8.699		4.051	− 45.359
	1.138		452			7.332		458		
	0.686		451			6.874		459		
	0.235		903			6.415		917		
8	2.059	0.686		4.932		20.621	6.874		4.968	
		18.955					64.314			BM. 102-87 (P 452 1953) STATE HWY #138 AT STA K 287+00 SEE F.B. 2412-90 FOR DESC.
	3.069		432			7.189		436		
	2.637		431			6.753		435		
	2.206		863			6.318		871		
9	7.912	2.637		5.795		20.260	6.753		5.839	

F.B. 2414 P.G. 180

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr. 142552
Notes by G. E. DREIER Time 12:30 TO 1:45 Rod No. 15816

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-82 To B.M.102-83
Date 1-29-58
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
	4368	2.637	627	5.795		8413	6.753	628	5.839	
	3.741		624			7.785		627		± 7.568
	3.117		1.251			7.158		1255		-23.562
10	11.226	3.742		7.046		23.356	7.785		7.094	-15.994
	1689		501			9487		463		
	1.188		499			9.024		462		
	0.689		1000			8562		925		
11	3.566	1.189		8.046		27.073	9.024		8.019	
		7.568					23.562			B.M.102-86 Z-53 1926 RESET 1953
										STATE Hwy 138 AT STA K281+75
										SEE F.B. 2412-89 FOR DESC.
	6.311		413			9723		413		
	5.898		411			9.310		412		
	5.487		824			8.898		825		
12	16.696	5.899		8.870		27.931	9.310		8.844	
	2426		300			9.036		302		
	2.126		300			8.734		302		
	1.826		600			8.432		604		
13	6.378	2.126		9.470		26.202	8.734		9.448	
		8.025					18.044			

F.B. 2414 PG. 187

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G. E. DREIER Time 12:30 TO 1:45 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.185	8.025	302	9.470		9.498	18.044	307	9.448	
	1.883		301			9.191		307		
	1.582		603			8.884		614		
14	5.650	1.883		10.073		27.573	9.191		10.062	
	2.314		395			10.129		403		
	1.919		392			9.726		404		
	1.527		787			9.322		807		
15	5.760	1.920		10.860		29.177	9.726		10.869	
	1.225		400			10.209		405		
	0.825		399			9.804		405		
	0.426		799			9.399		810		
16	2.476	0.825		11.659		29.412	9.804		11.679	+15.710
	1.301		406			10.510		591		-63.349
	0.895		406			9.919		588		-47.639
	0.489		812			9.331		1.179		
17	2.685	0.895		12.471		29.760	9.920		12.858	
	2.878		716			7.204		540		
	2.162		715			6.664		539		B.M. 102-85 (Q-452 1953)
	1.447		1.431			6.125		1.079		STATE HWY. #138 AT STA. K 270+41±
18	6.487	2.162		13.902		19.993	6.664		13.937	SEE F.B. 2412-88 FOR DESC.
		15.710					63.349			

F.B. 2412 P.G. 18

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No Nr 142552
Notes by G. E. DREIER Time 12:30 TO 1:45 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NE.
Job No 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5021		408	13.902		7.069		402	13.937	
	4.613		408			6.667		402		
	4.205		816			6.265		804		
19	13.839	4.613		14.718		20.001	6.667		14.741	
	3.289		628			8167		625		
	2.661		628			7.542		624		
	2033		1.256			6.918		1.249		
20	7.983	2.661		15.974		22.627	7.542		15.990	
	2549		626			8.169		627		
	1.923		625			7.542		626		
	1.298		1.251			6.916		1.253		
21	5.770	1.923		17.225		22.627	7.542		17.243	
	3238		626			8228		627		
	2612		627			7.601		627		
	1.985		1.253			6.974		1.254		
22	7.835	2.612		18.478		22.803	7.601		18.497	
	3.744		632			6.509		624		
	3.112		634			5.885		624		
	2478		1.266			5.261		1.248		
23	9.334	3.111		19.744		17.655	5.885		19.745	
		14.920					35.237			

F.B. 2414 P.G. 183

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by G. E. DREIER Time 12:30 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.529	14.920	622	19.744		3.998	35.237	625	19.745	
	5.907		620			3.373		624		+ 20.828
	5.287		1.242			2.749		1.249		- 38.610
24	17.723	5.908		20.986		10.120	3.373		20.994	- 17.782
		20.828					38.610			B.M. 102-84 G 435 1935
										STATE Hwy 138 AT STA. 256+37
										SEE F.B. 2412-88 FOR DESC.
	6.307		174			4.768		156		
	6.133		175			4.612		157		
	5.958		349			4.455		315		
25	18.398	6.133		21.335		13.835	4.612		21.307	
	7.473		620			3.439		632		
	6.853		620			2.807		633		
	6.233		1240			2.174		1265		
26	20.559	6.853		22.575		8.420	2.807		22.572	
	7.645		627			4.238		633		
	7.018		628			3.615		624		
	6.390		1255			2.991		1257		
27	21.053	7.018		23.830		10.844	3.615		23.829	
		20.004					11.034			

F.B. 2414 P.G. 184

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by G.E. DREIER Time 12:30 TO 1:45 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-83
Date 1-29-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.507	20.004	644	23.830		4.999	11.034	630	23.829	
	5.863		641			4.369		631		+37.326
	5.222		1285			3.738		1.261		-22.289
28	17.592	5.864		25.115		13.106	4.369		25.090	+15.037
	6.269		638			4.806		634		
	5.631		639			4.172		635		
	4.992		1.277			3.537		1.269		
29	16.892	5.631		26.392		12.515	4.172		26.359	
	6.468		641			3.377		664		B.M. 102-83 R 452 1953
	5.827		642			2.713		661		STATE Hwy 138 AT STA K-243+37
	5.185		1283			2.052		1325		SEE F.B. 2412-87 FOR DESC.
30	17.480	5.827		27.675		8.142	2.714		27.684	
		37.326					22.289			
										SEE NEXT PAGE

F.B. 2414 P.d 85

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. Kr 142552
Notes by G.E. DREIER Time 1230 TO 1:45 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM. 102-88 To BM. 102-83
Date 1-29-58
Indexed E. C. Johnson

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

SUMMATION OF RUN FROM BM. 102-88 TO BM. 102-83
DIFF IN ELEV. BM. 102-88 TO BM. 102-87 -45.359✓
" " " BM. 102-87 TO BM 102-86 -15.994✓
" " " BM. 102-86 TO BM. 102-85 -47.639✓
" " " BM. 102-85 TO BM. 102-84 -17.782✓
" " " BM. 102-84 TO B.M. 102-83 +15.037✓

F.B. 2414 P.G. 186

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BRE Inst. No N-142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-28-58
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.861		320		#15	1.728		312		B.M. 102-88 (N-452 1953)
	11.541		320			1.416		314		STATE Hwy 138 A STA K296+30±
	11.221		640			1.102		626		SEE F.B. 2412-91 FOR DESC.
1	34623	11.541		640	60°	4.246	1.415		.626	
	9.620		349			1.416		352		
	9.271		349			1.064		352		
	8.922		698			0.712		704		⊼ T. OHASHI
2	27.813	9.271		1.338		3.192	1.064		1.330	
	9.584		352			1.255		348		
	9.232		352			0.907		348		
	8.880		704			0.559		696		
3	27.696	9.232		2.042		2.721	0.907		2.026	
	9.888		347			1.670		352		
	9.541		348			1.318		353		
	9.193		695			0.965		705		
4	28.622	9.541		2.737		3.953	1.318		2.731	
	9.850		353			1.428		354		
	9.497		353			1.074		352		
	9.144		706			0.722		706		
5	28.491	9.497		3.443		3.224	1.075		3.437	
		49.082					5.779			

F.B. 2414 P.G. 187

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No NR 142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-28-57
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.785	49.082	344	3.443		1.609	5.779	356	3.437	
	8441		342			1.253		353		
	8.099		686			0.900		709		
6	25.325	8.442		4.129		3.762	1.254		4.146	
	9.515		350			1.841		348		
	9.165		352			1.493		349		
	8.813		702			1.144		697		
7	27.493	9.164		4.831		4.478	1.493		4.843	
	9.659		348			1.560		350		
	9.311		346			1.210		349		
	8.965		694			0.861		699		
8	27.935	9.312		5.525		3.631	1.210		5.542	
	9.545		349			1.089		402		
	9.196		348			0.687		403		
	8.848		697			0.284		.805		
9	27.589	9.196		6.222		2.060	0.687		6.347	
	9.975		397			1.184		403		
	9.578		398			0.781		403		
	9.180		795			0.378		806		
10	28.733	9.578		7.017		2.343	0.781		7.153	
		94.774					11.204			

F.B. 2414 P.G. 188

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLEAR-WINDY Inst. No Nr.142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M.102-88 To B.M.102-91
Date 1-28-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.199	94.774	424	7.017		1.534	11.204	376	7.157	
	9.775		423			1.158		377		
	9.352		847			0.781		753		
11	29.326	9.775		7.864		3.473	1.158		7.906	
	9.781		406			1.309		388		
	9.375		406			0.921		388		
	8.969		812			0.533		776		
12	28.125	9.375		8.676		2.763	0.921		8.682	
	9.950		396			1.480		403		
	9.554		397			1.077		404		
	9.157		793			0.673		807		
13	28.661	9.554		9.469		3.230	1.077		9.493	
	9.827		400			2.366		405		
	9.427		401			1.961		403		
	9.026		801			1.558		808		
14	28.280	9.427		10.270		5.885	1.962		10.301	
	9.041		400			1.940		399		
	8.641		400			1.541		402		
	8.241		800			1.139		801		
15	25.923	8.641		11.070		4.620	1.540		11.102	
		141.546					17.862			

F.B. 2414 P.G. 149

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No Nr. 142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-28-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.658	41.546	395	11.070		1.275	17.862	402	11.102	
	9.263		395			0.873		400		+ 160.869
	8.868		790			0.473		802		− 20.086
16	27.789	9.263		11.860		2.621	0.874		11.904	+ 140.783
	10.405		345			1.726		376		
	10.060		346			1.350		375		BM. 102-89 (B 370, 1953)
	9.714		691			0.975		751		STATE Hwy 138 AT SUMMIT
17	30.179	10.060		12.551		4.051	1.350		12.655	SEE F.B. 2412-92 FOR DESC
		160.869					20.086		12.551	.0118
									25.206	
									= 0.481	
	3.823		622			6.619		626		
	3.201		624			5.993		624		
	2.577		1.246			5.369		1.250		
18	9.601	3.200		13.797		17.981	5.994		13.905	
	2.152		420			9.544		380		
	1.732		420			9.164		381		
	1.312		840			8.783		761		
19	5.196	1.732		14.637		27.491	9.164		14.666	
		4.932					15.158			

F.B. 2414 P.G. 190

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. Nr. 142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15 & 16

Name U. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-28 & 29-58
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 [illegible]
	0.975	4.932	380	14.637		10.365	15.158	413	14.66	
	0.595		381			9.952		410		+ 8.362
	0.214		761			9.542		823		− 30.812
20	1.784	0.595		15.398		29.859	9.953		15.48	− 22.450
	3.024		189			5.898		197		
	2.835		190			5.701		196		
	2.645		379			5.505		393		
21	8.504	2.835		15.777		17.104	5.701		15.88	
		8.362					30.812		15.777	
									31.65	B.M. 102-90 M 452 1953
									25.20	STATE HWY 138 AT STA 326+25
									6.453	
									=0.12 MI.	SEE F.B. 2412-92 FOR DESC.
	2.000		423			10.675		412		
	1.577		427			10.263		412		
	1.150		850			9.851		824		
22	4.927	1.576		16.627		30.789	10.263		16.70	
	0.998		401			10.340		408		
	0.597		402			9.932		405		
	0.195		803			9.527		813		
23	1.790	0.597		17.430		29.799	9.933		17.51	
		2.173					20.196			

F.B. 2414 P.6 91

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather THIN CLOUDS BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-29-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.020	2.173	397	17.430		10.822	20.196	413	17.517	
	0.623		393			10.409		414		
	0.230		790			9.995		827		
24	1.873	0.624		18.220		31.226	10.409		18.346	
	1.009		382			10.546		424		
	0.627		383			10.122		422		
	0.244		765			9.700		846		
25	1.880	0.627		18.985		30.368	10.123		19.192	
	2.717		629			8.118		624		
	2.088		629			7.494		624		
	1.459		1.258			6.870		1.248		
26	6.264	2.088		20.243		22.482	7.494		20.740	
	1.332		573			11.423		522		
	0.759		577			10.901		522		
	0.182		1.150			10.379		1.044		
27	2.273	0.758		21.393		32.703	10.901		21.484	
	1.420		411			9.490		390		
	1.009		409			9.100		393		
	0.600		820			8.707		783		
28	3.029	1.010		22.213		27.297	9.099		22.267	
		7.280					68.222			

F.B. 2414 P.G. 192

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather BREEZE CLEAR Inst. No NH.142552
Notes by G. E. DREIER Time 8:15 TO 9:00 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-88 To B.M. 102-91
Date 1-29-58
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2080	7.280	476	22.213		9.980	68.222	439	22.267	
	1.603		474			9.541		441		
	1.129		950	1		9.100		880		
29	4.812	1.604		23.163		28.621	9.540		23.148	
	2097		459			9.160		446		
	1.638		461			8.714		446		+ 15.299
	1.177		920	1		8.268		892		- 95.869
30	4.912	1.637		24.083		26.142	8.714		24.037	- 80.570
	4.950		172			9.578		185		
	4.778		173			9.393		185		B.M. 102-91 (L-452 1953)
	4.605		345	1		9.208		370		STATE Hwy 138 AT STA. K 342+87
31	14.333	4.778		24.428		28.179	9.393		24.409	SEE F.B 2412-93 FOR DESC
									24.428	
									48.837	= 0.94 mi. LIMIT .0165
									31.659	
									17.178	
									= 0.34 mi.	
									0.33 "	SEE NEXT PAGE
		15.299					95.869			

F.B. 2414 P.G. 163

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Ni 142552
Notes by G. E. DREIER Time 12:15 TO 1:30 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102- To BM 102-
Date 1-29-58
Indexed J. C. Johnson

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

SUMMATION OF RUN FROM BM 102-88 TO BM 102-91
DIFF. IN ELEV. BM 102-88 BM 102-89 + 140.783✓
" " " BM 102-89 BM 102-90 − 22.450✓
" " " BM 102-90 BM 102-91 − 80.570✓

F.B. 2414 P.G. 194

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:00 TO 12:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 102-91 To B.M. 102-88
Date 1-29-58
Indexed L. C. J[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
	9.276		174			4.668		182		B.M. 102-91 (L 452 1953)
	9.102		174			4.486		181		STATE HWY 138 AT STA. K342+87
	8.928		348			4.305		363		SEE F.B. 2412-93 FOR DESC.
1	27.306	9.102		.348	52°	13.459	4.486		.363	
	9.299		456			2.218		453		
	8.843		453			1.765		453		
	8.390		909			1.312		906		T. OHASHI
2	26.532	8.844		1.257		5.295	1.765		1.269	
	9.970		452			2.039		459		
	9.518		454			1.580		460		
	9.062		906			1.120		919		
3	28.550	9.517		2.163		4.739	1.580		2.188	
	9.574		395			1.492		403		
	9.179		398			1.089		407		
	8.781		793			0.682		810		
4	27.534	9.178		2.956		3.263	1.088		2.998	
	11.813		554			1.660		543		
	11.259		556			1.117		544		
	10.703		1.110			0.573		1.087		
5	33.775	11.258		4.066		3.350	1.117		4.085	
		47.899					10.036			

F.B. 2414 P.G. 195

76P526 S & E #370 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. N-142552
Notes by G. E. DREIER Time 9:00 TO 12:25 Rod No. 15816

Name L.A. CO. PRECISE LEVEL NE.
Job No. 8301.02
From B.M. 102-91 To B.M. 102-88
Date 1-29-58
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.173	47.899	603	4.066		2.810	10.036	648	4.085	
	7.570		600			2.162		649		
	6.970		1203			1.513		1297		
6	22.713	7.571		5.269		6.485	2.162		5.382	
	10.513		423			0.975		381		
	10.090		425			0.594		379		
	9.665		848			0.215		760		
7	30.268	10.089		6.117		1.784	0.595		6.142	
	10.908		409			1.116		405		
	10.499		410			0.711		402		
	10.089		819			0.309		807		
8	31.496	10.499		6.936		2.136	0.712		6.949	
	10.430		408			1.084		399		+96.473
	10.022		410			0.685		397		-15.897
	9.612		818			0.288		796		+80.576
9	30.064	10.021		7.754		2.057	0.686		7.745	
	10.807		414			2.131		424		
	10.393		411			1.707		427		B.M. 102-90 M. 452 1953
	9.982		825			1.280		851		STATE Hwy 138 AT STA 326+25±
10	31.182	10.394		8.579		5.118	1.706		8.596	SEE F.B. 2412-92 FOR DESC.
		96.473					15.897			

F.B. 2414 P.G. 196

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by E. E. DREIER
Weather CLEAR
Time 9:00 TO 12:25
Inst. No Nr. 142552
Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-91 To B.M.102-88
Date 1-29-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.081		195	8.579		3.209		189	8.596	
	5.886		196			3.020		190		
	5.690		391			2.830		379		
11	17.657	5.886		8.970		9.059	3.020		8.975	
	10.340		400			0.974		394		
	9.940		400			0.580		391		
	9.540		800			0.189		785		
12	29.820	9.940		9.770		1.743	0.581		9.760	
	9.832		402			2.402		401		
	9.430		400			2.001		401		
	9.030		802			1.600		802		
13	28.292	9.431		10.572		6.003	2.001		10.562	
	6.633		624			3.839		622		+31.266
	6.009		625			3.217		626		-8.818
	5.384		1249			2.591		1248		+22.448
14	18.026	6.009		11.821		9.647	3.216		11.810	
		31.266					8.818			B.M.102-89 (B 370 1953)
										STATE HWY 138 AT SUMMIT
										SEE F.B. 2412-92 FOR DESC

F.B. 2414 PG. 167

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NR.142552
Notes by G. E. DREIER Time 9:00 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.102-91 To B.M.102-88
Date 1-29-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.288		384	11.821		10.960		347	11.810	
	1.904		384			10.613		346		
	1.520		768			10.267		693		
15	5.712	1.904		12.589		31.840	10.613		12.503	
	1.583		404			9.960		392		
	1.179		407			9.568		392		
	0.772		811			9.176		784		
16	3.534	1.178		13.400		28.704	9.568		13.287	
	2.079		398			9.187		404		
	1.681		399			8.783		402		
	1.282		797			8.381		806		
17	5.042	1.681		14.197		26.351	8.784		14.093	
	2.569		402			10.033		403		
	2.167		403			9.630		401		
	1.764		805			9.229		804		
18	6.500	2.167		15.002		28.892	9.631		14.897	
	1.643		391			10.142		412		
	1.252		389			9.730		410		
	0.863		780			9.320		822		
19	3.758	1.253		15.782		29.192	9.731		15.719	
		8.183					48.327			

F.B. 3414 P.G. 128

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No NK 142552
Notes by G. E. DREIER Time 9:00 TO Rod No 15 & 16

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 102-91 To B.M. 102-88
Date 1-29-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.256	8.183	400	15.782		9.700	48327	393	15.719	
	0.856		401			9.307		395		
	0.455		801			8.912		788		
20	2.567	0.856		16.583		27.919	9.306		16.507	
	1.423		400			10.038		397		
	1.023		401			9.641		399		
	0.622		801			9.242		796		
21	3.068	1.023		17.384		28.921	9.640		17.303	
	1.168		406			9.953		395		
	0.762		405			9.558		397		
	0.357		811			9.161		792		
22	2.287	0.762		18.195		28.672	9.557		18.095	
	1.230		390			9.705		356		
	0.840		392			9.349		360		
	0.448		782			8.989		716		
23	2.518	0.839		18.977		28.043	9.348		18.811	
	1.675		335			9.799		360		
	1.340		338			9.439		360		
	1.002		673			9.079		720		
24	4.017	1.339		19.650		28.317	9.439		19.531	
		13.002					98.617			

F.B. 2414 P.G. 155

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING 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 G. E. DREIER Weather CLEAR Inst. No NH-142552
Notes by G. E. DREIER Time 9:10 TO 12:25 Rod No 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-91 To B.M. 102-88
Date 1-29-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.155	13.002	327	19.650		9.878	9.617	376	19.531	
	1.828		325			9.502		374		
	1.503		652			9.128		750		
25	5.486	1.829		20.302		28.508	9.503		20.281	
	1.604		354			8.778		343		
	1.250		353			8.435		343		
	0.897		707			8.092		686		
26	3.751	1.250		21.009		25.305	8.435		20.967	
	1.453		351			9.878		353		
	1.102		352			9.525		353		
	0.750		703			9.172		706		
27	3.305	1.102		21.712		28.575	9.525		21.673	
	1.749		351			9.967		348		
	1.398		351			9.619		349		
	1.047		702			9.270		697		
28	4.194	1.398		22.414		28.856	9.619		22.370	
	1.243		349			9.570		350		
	0.894		348			9.220		351		
	0.546		697			8.869		701		
29	2.683	0.894		23.111		27.659	9.220		23.071	
		19.475					141.919			

F.B. 7414 P.G. 200

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NF 192552
Notes by J. MOODY Time 9:10 to 12:25 Rod No. 15816

Name L. A. CO. PRECISE LEVEL #1
Job No. 0301.02
From BM 102-91 To BM 102-88
Date 1-29-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1510	19.475	349	23111		9717	141.919	350	23071	+21.948
	1161		351			9367		351		-162.727
	0810		700			9016		701		-140.779
30	3481	1.160		23811		28100	9.367		23772	
	1620		307			11.763		323		BM102-88 (N452, 1953)
	1313		306			11440		321		STATE HWY. #138 AT. STA. K-296+30±
	1007		613			11.119		644		SEE F.B 2412-91 FOR DESC.
31	3.940	1.313		24424		24222	11.441		24416	
		21.948					162.727			

SUMMATION OF RUN B.M. 102-91 TO B.M. 102-88

DIFF IN ELEVATION B.M. 102-91 TO B.M. 102-90 +80.576
" " " " ~~102-90~~ " " 102-89 +22.448
" " " " ~~102-89~~ " " 102-88 -140.779

F.B. 2414 PG. 201

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No.
Notes by G. E. DREIER Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No.
From To
Date
Indexed ~~[illegible]~~

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2414 P.G. 202

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. Nr. 142552
Notes by T. OHASHI Time 8:50 TO 11:00 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 102-91 To BM 102-96
Date 1-31-58
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
	11525		639		#15	5730		631		BM. 102-91 (U.S. L-452-1953)
	10886		639			5099		628		STATE HWY 138 AT STA. K 342+87±
	10247		1278			4471		1259		SEE F.B. 2412-93 FOR DESC.
1	32658	10.886		1278	46	15.300	5.108		1259	
	3807		629			6176		635		T. J. MOODY
	3178		625			5541		634		
	2553		1254			4907		1269		
2	9.538	3.179		2532		16.624	5.541		2528	
	1521		598			11682		604		
	0923		596			11078		601		
	0327		1194			10477		1205		
3	2771	0.924		3726		33237	11.079		3733	
	1041		403			9612		402		
	0638		401			9210		402		
	0237		804			8808		804		
P.G. 4	1916	0.639		4530		27.630	9.210		4537	
	1314		401			8222		405		
	0913		399			7817		404		
	0514		800			7413		809		
F.B. 5	2741	0.914		5330		23452	7.817		5346	
		16.542					38.747			

F.B. 2412 PG. 208

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party [redacted]. E. DREIER Weather CLEAR Inst. No. Nr 142552
Notes by T. OHASHI Time 8:50 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-91 To BM 102-96
Date 1-31-58
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4199	16.542	405	5.330		5205	38.747	405	5.346	
	3794		406			4800		405		+ 20.336
	3388		811			4395		810		- 43.547
6	11.381	3.794		6.141		14.400	4.800		6.156	.008 - 23.211
		20.336					43.547		61.41	B.M. 102-92 (US. A-370 1953)
									12.297	STATE HWY 138 AT STA. K 350+77±
									=0.23 mi.	SEE F.B. 2412-94 FOR DESC.
	7390		619			5101		643		
	6771		619			4458		643		
	6152		1238			3815		1286		
7.	20.313	6.771		7379		13.374	4.458		7442	
	4187		628			6175		623		
	3559		637			5552		621		
	2932		1265			4931		1244		
8.	10.678	3.559		8644		16.658	5.553		8686	
	6203		405			2425		402		
	5798		404			2023		401		
	5394		809			1622		803		
9.	17.395	5.798		9453		6.070	2.023		9489	
		16.128					12.034			

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

2414 704

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. DRETER Weather: CLEAR Inst. No.: K-142552
Notes by: T. OHASHI Time: 8:50 To 11:00 Rod No.: 15 & 16

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 030102
From: BM 102-91 To: BM 102-96
Date: 1-31-58
Indexed: L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9145	16.128	397	9453		2106	12.034	401	9489	
	8748		396			1705		403		
	8352		793			1302		804		
10.	26.245	8.748		0246		5.113	1.704		10.293	
	8973		396			1762		403		
	8577		397			1359		402		
	8180		793			0957		805		
11	25.730	8.577		11.040		4.078	1.359		11.098	
	6988		125			2477		108		+ 40.316
	6863		126			2369		108		− 17.466
	6737		251			2261		216		+ 22.850
12.	20.588	6.863		11.292		7.107	2.369		11.314	.008
		40.316					17.466		11.294	B.M. 102-93 (U.S. K-452 1953)
									22.605	
									− 12.297	STATE HWY 138 AT STA. K 365+38
									10.308	
									=0.20 mi.	SEE F.B. 2412-94 FOR DESC
	5237		398			1990		397		
	4839		396			1593		398		
	4443		794			1195		795		
13.	14.519	4.840		12.084		4.778	1.593		12.109	

F.B. 2414 P.G. 205

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: CLEAR Inst. No: N-142552
Notes by: T. OHASHI Time: 8:50 TO 11:00 Rod No: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: BM 102-91 To: B.M. 102-96
Date: 1-31-58
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9645	4.840	527	12.085		4703	1.593	526	12.109	
	9118		526			4177		529		
	8592		1053			3648		1055		
14	27.355	9.118		13.138		12.528	4.176		13.164	
	2650		631			5281		622		
	2019		628			4659		622		
	1391		1259			4037		1244		
15	6.060	2.020		14.397		13.977	4.659		14.408	
	8791		632			3252		626		
	8159		631			2626		627		
	7528		1263			1999		1253		
16	24.478	8.159		15.660		7.877	2.626		15.661	
	7528		632			6711		623		
	6896		631			6088		623		
	6265		1263			5465		1246		
17	20.689	6.896		16.928		18.264	6.088		16.907	
	4751		636			7444		623		
	4115		637			6821		623		
	3478		1273			6198		1246		
18	12.344	4.115		18.198		20.463	6.821		18.153	
		35.148					25.963			

F.B. 2414 P.G. 206

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party W. E. DREIER Weather CLEAR Inst. No. N-142852
Notes by T. OHASHI Time 8:50 70 11:00 Rod No. 15 & 16

Name C.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-91 To BM 102-96
Date 1-31-58 E. G. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4568	35.148	624	18.194		8413	25.963	642	18.153	
	3944		622			7771		643		
	3322		1246			7128		1285		
19	11.834	3.945		19.448		23.312	7.771		19.438	
	4668		368			6310		368		+ 43.394
	4300		366			5942		368		− 39.676
	3934		734			5574		736		+ 3.718
20.	12.902	4.301		20.178		17.826	5.942		20.174	
		43.394					39.676		+ 20.178 / 40.354 / − 22.605 / 17.749 = 0.34 mi.	BM. 102-94 (43 J-452-1953) 138 STATE HWY. AT STA. K 383 + 05± SEE F.B. 2412-95 FOR DESC.
	3736		626			7452		623		
	3110		628			6829		621		
	2482		1254			6208		1244		
21.	9.328	3.109		21.431		20.489	6.836		21.418	
	5408		503			2338		507		
	4905		503			1831		508		
	4402		1006			1323		1015		
22.	14.715	4.905		22.438		5.492	1.831		22.433	
		8.014					8.661			

F.B. 2414 PG. 707

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLEAR-WIND Inst. No. Nr 142552
Notes by T. OHASHI Time 8:50 TO 11:00 Rod No. 15 & 16

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-91 To BM 102-96
Date 1-31-58
Indexed A. C. Johnson

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
	9205	8.014	391	22.437		1567	8.661	406	22.433	
	8814		390			1161		404		
	8424		781			0757		810		
23	26443	8.814		23.218		3.485	1.162		23243	
	9065		405			1603		406		
	8660		404			1197		405		
	8256		809			0792		811		
24	25981	8.660		24.025		3.592	1.197		24054	
	10729		631			2.065		628		
	10098		630			1.437		629		
	9468		1261			0.808		1.257		
25	30295	10.098		25.288		4.310	1.437		25.311	
	7296		633			4.861		629		+48.894
	6663		631			4232		630		-21.411
	6032		1264			3602		1.259		+27.483
26	19.991	6.664		26.558		12.695	4.232		26.570	
	7293		650			5.353		632		B.M. 102-95 (U.S. A-54 1926)
	6643		648			4.721		630		STATE HWY 138 AT STA K 399+00±
	5995		1298			4.091		1262		SEE F.B. 2412-95 FOR DESC.
27	19.931	6.644		27.860		14.165	4.722		27.832	
		48.894					21.411			

27.860 .848
55.6[illegible]80
40.35[illegible]49
1534 = 0.29 MI

F.B. 2414 P.G. 208

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR - WIND Inst. No. Nr 142552
Notes by T. OHASHI Time 8:50 TO 11:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-91 To BM 102-96
Date 1-31-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5935		632	27.8~~60~~ 48		4614		626	27.83~~0~~ 2	
	5303		630			3988		627		SUMMATION OF RUN
	4673		1262			3361		1253		B.M. 102-91 TO B.M. 102-96
28	15911	5.304		29.1~~22~~ 40		11963	3.988		29.08~~3~~ 5	DIFF IN ELEV. B.M. 102-91 TO 102-92 -23.214
	6225		524			2239		525		" " " " 102-92 " 102-93 +22.850
	5701		523			1714		526		" " " " 102-93 " 102-94 + 3.718
	5178		1047			1188		1051		" " " " 102-94 " 102-95 + 27.483
29	17.104	5.701		30.1~~69~~ 57		5.141	1.714		30.13~~4~~ 6	" " " " 102-95 " 102-96 + 31.177
	9863		424			1041		376		
	9439		424			0665		374		
	9015		848			0291		750		
30.	28317	9.439		31.0~~17~~ 05		1.997	0.666		30.88~~4~~ 6	
	11258		426			1054		374		
	10832		426			0680		373		+39.907
	10406		852			0307		747		- 8.730
31.	32496	10.832		31.8~~64~~ 57		2.041	0.680		31.63~~4~~ 3	+31.177
	8970		339			2188		506		BM. 102-96 (U.S. H-432) 1950
	8631		338			1682		505		STATE HWY. 138 AT STA. K. 407+40±
	8293		677			1179		1011		SEE F.B. 2412-96 FOR DESC.
32.	25894	8.631		32.5~~66~~ 34		5.047	1.682		32.64~~3~~ 4	
		39.907					8.730			

32.54~~6~~ 34
65.1~~8~~ 7 = 1.23 mi.
55.6~~4~~ 80
9.49 ~~6~~ 8 = 0.18 mi.

F.B. 2414 P.G. 209

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: B. E. DREIER Weather: CLEAR & WINDY Inst. No. N-142552
Notes by: T. OHASHI Time: 12:30 TO 1:45 Rod No. 15 & 16

Name: L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 102-96 To: BM 102-91
Date: 1-31-58
Indexed: E. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2473		351		#15	9416		343		BM 102-96 (US H452 1953)
	2122		349			9073		341		STATE HWY 138 AT STA. K 407+40±
	1773		700			8732		684		SEE F.B. 2412-96 FOR DESC.
1	6.368	2.123		700	50°	27.221	9.074		684	
	1055		373			11265		427		T. J. MOODY
	0682		374			10838		424		
	0308		747			10414		851		
2	2.045	0.682		1.447		32517	10.839		1535	
	1108		375			9924		424		
	0733		375			9500		423		
	0358		750			9077		847		
3	2.199	0.733		2.197		28.501	9.500		2382	
	2237		578			6122		473		+ 9.693
	1659		575			5649		474		- 40.872
	1084		1.153			5175		947		-31.179
4	4.980	1.660		3.350		16.946	5.649		3.329	
	5124		629			6438		628		B.M. 102-95 (US A-54 1926)
	4495		630			5810		625		STATE HWY 138 AT STA K 399+00±
	3865		1.259			5181		1257		SEE F.B. 2412-95 FOR DESC.
5	13.484	4.495		4.609		17.429	5.810		4.586	
		9.693					40.872			

F.B. 3414 P.G. 210

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. DREIER Weather CLEAR-WINDY Inst. No. NF 142552
Notes by T. OHASHI Time 12:30 TO 1:45 Rod No. 15 & 16

Name C.A. CO PRECISE LEVEL NF
Job No. 030102
From BM 102-96 To BM 102-91
Date 1-31-58
Indexed E. C. Johnson

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
	7418	13.704	623	14.258		4722	8.234	634	14.251	
	6795		622			4088		635		
	6173		1245			3453		1269		
15.	20.386	6.795		15.503		12.263	4.088		15.520	
	6652		623			7468		631		
	6029		622			6837		632		
	5407		1245			6205		1263		
16.	18.088	6.029		16.748		20.510	6.837		16.783	
	3229		628			8767		632		
	2601		625			8135		633		
	1976		1253			7502		1265		
17.	7.806	2.602		18.601		24.404	8.135		18.048	
	5255		622			2623		630		
	4633		620			1993		636		
	4013		1242			1363		1260		
18.	13.901	4.634		19.243		5.979	1.993		19.308	
	6198		553			9385		500		
	3945		553			8885		500		
	3392		1106			8385		1000		
19.	11.835	3.945		20.349		26.655	8.885		20.308	
		37.709					38.172			

F.B. 441 P.G. 213

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. N-142552
Notes by T. OHASHI Time 12:30 To 1:45 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-96 To B.M. 102-91
Date 1-31-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1956	37.709	397	20.349		5202	38.172	396	20.305	
	1559		399			4806		397		+39.267
	1160		796			4409		793		-42.978
20.	4.675	1.558		21.145		14.417	4.806		21.101	-3.711
		39.267					42.978			BM 102-93 (US K.452 1953) STATE Hwy 138 AT STA K 365+38 SEE F.B. 2412-94 FOR DESC.
	2373		115			6869		118		
	2258		114			6751		118		
	2144		229			6633		236		
21	6.775	2.258		21.374		20.253	6.751		21.337	
	1727		405			8935		396		
	1322		403			8539		397		
	0919		808			8142		793		
22.	3.968	1.323		22.182		25.616	8.539		22.130	
	1487		400			8538		406		
	1087		400			8129		404		
	0687		800			7725		810		
23.	3.261	1.087		22.982		24.389	8.130		22.940	
		4.668					23.420			

F.B. 2414 P.G. 214

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-WARM Inst. No. N-142,552
Notes by T. OHASHI Time 1:30 TO 1:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-96 To BM 102-91
Date 1-31-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2218	4.668	401	22.982		5998	23.420	407	22.940	
	1817		401			5591		406		
	1416		802			5185		813		
24.	5.451	1817		23.784		16.774	5591		23.783	
	6168		623			4178		628		
	5545		624			3550		629		
	4921		1247			2921		1257		
25.	16.634	5.545		25.031		10.649	3.550		25.016	
	5115		636			7415		623		+16.510
	4479		634			6792		621		-39.354
	3845		1270			6171		1244		-22.844
26.	13.439	4480		26.301		20.378	6793		26.254	
		16.510					39.354			BM. 102-92 (US. A 370 1933) STATE Hwy 138 AT STA. K 350+77 SEE F.B. 2412-94 FOR DESC.
	5193		402			4187		405		
	4791		403			3782		405		
	4388		805			3377		810		
27.	14.372	4791		27.106		11.346	3.782		27.064	

F.B. 2414 P.G. 2/15

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR-WINDY Inst. No. Nr. 142552
Notes by T. OHASHI Time 12.30 TO 1.45 Rod No. 15 & 16

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM. 102-96 To BM. 102-91
Date 1-31-58
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8232	4.791	403	27.102		1328	3.782	402	27.064	
	7829		401			0926		404		SUMMATION OF RUN
	7428		804			0522		806		B.M. 102-96 TO B.M. 102-91
28	23.489	7.830		27.910		2.776	0.925		27.870	DIFF IN ELEV.
	9696		393			1141		410		B.M. 102-96 TO 102-95 -31.179
	9303		393			0731		411		" 102-95 TO 102-94 -27.479
	8910		786			0320		821		" 102-94 TO 102-93 -3.711
29	27.909	9.303		28.696		2.192	0.731		28.691	" 102-93 TO 102-92 -22.844
	11635		604			1472		598		" 102-92 TO 102-91 +23.218
	11.031		604			0874		596		
	10427		1208			0278		1194		
30	33.093	11.031		29.904		2.624	0.875		29.885	
	6919		627			4551		622		+44.026
	6292		630			3929		621		-20.808
	5662		1257			3308		1243		+23.218
31	18.873	6.291		31.161		11.788	3.929		31.128	
	5401		622			11211		644		BM 102-91 (US. L 452, 1953)
	4779		620			10567		648		STATE HWY AT. STA. K 342+87±
	4159		1242			9919		1292		SEE F.B. 2412-93 FOR DESC.
32	14339	4.780		32.403		31.697	10.566		32.420	
		44.026					20.808			

F.B. 2414 P.G. 216

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat.-Clouds Inst. No. N-142552
Notes by T. OHASHI Time 12:05 To 12:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-94 To BM 102-91
Date 2-5-58
Indexed A. C. Johnson

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
	6277		388		#15	4593		345		BM. 102-94 (US. J 452 1953)
	5889		386			4248		346		STATE HWY #138 AT STA. K 383+05
	5503		774			3902		691		SEE F.B. 2412-95 FOR DESC.
1.	17.669	5.890		.774	56°	12.743	4.248		691	
	8278		635			4449		632		J. MOODY
	7643		635			3817		634		
	7008		1270			3183		1266		
2	22.929	7.643		2.044		11.449	3.816		1.957	
	7447		606			4788		654		
	6841		605			4134		653		
	6236		1211			3481		1307		
3	20.524	6.841		3.255		12.403	4.134		3.264	
	6247		616			7073		635		
	5631		613			6438		636		
	5018		1229			5802		1271		
4	16.896	5.632		4.484		19.313	6.438		4.539	
	3307		634			8836		628		
	2673		630			8208		630		
	2043		1264			7578		1258		
5	8.023	2.674		5.748		24.622	8.207		5.793	
		28.680					26.843			

F.B. 2414 P.G. 217

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Scat - Clouds Inst. No. Nr 142552
Notes by T. OHASHI Time 12.05 To - Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-94 To BM 102-91
Date 2-5-58
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5209	28.680	626	5748		2,572	26.843	625	5793	
	4583		626			1947		628		
	3957		1252			1319		1253		
6.	13.749	4.583		7000		5.838	1.946		7046	
	4515		535			9443		521		
	3980		532			8922		523		
	3448		1067			8399		1044		
7.	11.943	3.981		8067		26.764	8.921		8090	
	1651		402			4889		391		+ 38.493
	1249		401			4498		391		- 42.208
	0848		803			4107		782		- 3.715
8.	3.748	1.249		8870		13.494	4.498		8872	
		38.493					42.208			B.M. 102-93 (US K452-1953)
										STATE HWY #138 AT STA K 365+38±
										SEE F.B. 2412-94 FOR DESC.
	2494		118			6985		117		
	2376		118			6868		114		
	2258		236			6754		231		
9.	7.128	2.376		9106		20.607	6.8~~79~~ 69		9103	

F.B. 2414 P.G. 218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat.-Cloud Inst. No. Nr 142552
Notes by T. OHASHI Time 12:05 TO 1255 Rod No. 15 & 19

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-94 To BM 102-91
Date 2-5-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1659	2.376	405	9106		8868	6.8~~74~~ 69	396	9103	
	1254		405			8472		395		
	0849		810			8077		791		
10.	3.762	1.254		9916		25417	8472		9894	
	1622		406			8660		400		
	1216		407			8260		400		
	0809		813			7860		800		
11.	3.647	1.216		10.729		24780	8260		10694	
	2185		405			5959		404		
	1780		406			5555		405		+16.703
	1374		811			5150		809		−39.5~~6~~5 2
12.	5.339	1.780		11540		16.664	5.555		11503	−22.8~~5~~4 9
	6078		630			4074		620		
	5448		630			3454		620		
	4818		1260			2834		1240		
13.	16.344	5.448		12.800		10.362	3.454		12743	
	5249		620			7580		638		BM 102-92 (US A-370 1953)
	4629		620			6942		637		STATE HWY #138 AT STA K 350+77±
	4009		1240			6305		1275		SEE F.B. 2412-94 FOR DESC.
14.	13.887	4.629		14040		20827	6.942		14.018	
		16.703					39.5~~6~~5 2			

F.B. 2414 P.G. 219

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. - CLOUDS Inst. No. Nr 142552
Notes by T. OHASHI Time 12:05 TO 12:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 102-94 To B.M. 102-91
Date 2-5-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5183		408	14040		4165		398	14.018	
	4775		409			3767		398		
	4366		817			3369		796		
15.	14.324	4775		14.857		11.301	3.767		14.814	
	8107		412			1189		398		
	7695		411			0791		395		
	7284		823			0396		793		
16.	23.086	7695		15.680		2.376	0.792		15.607	
	9749		380			1219		422		
	9369		380			0797		423		
	8989		760			0374		845		
17.	28.107	9369		16.440		2.390	0.797		16.452	
	11779		604			1617		599		
	11175		604			1018		597		
	10571		1208			0421		1196		
18	33.525	11.175		17.648		3.056	1.019		17.648	
	7787		626			5423		625		
	7161		624			4798		623		
	6537		1250			4.175		1248		
19.	21.485	7.162		18.898		14.396	4799		18.896	
		40.176					11.174			

F.B. 2414 P.G. 220

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No Nr 142552
Notes by T. OHASHI Time 12:05 TO 12:55 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-94 To BM 102-91
Date 2-5-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4803	40.176	625	18.898		10601	11.174	638	18.896	B.M. 102-91 (US L-452 1953)
	4178		625			9963		638		STATE HWY #138 AT STA. K 342+87±
	3553		1250			9325		1276		SEE F.B. 2412-93. FOR DESC.
20,	12534	4.178		20.148		29.889	9.963		20.172	
		44.354					21.137			
										+ 44.354
										− 21.137
										+ 23.217
										SUMMATION OF RUN B.M. 102-94 TO 102-91
										DIFF IN ELEV. B.M. 102-94 TO B.M. 102-93 − 3.715
										" " " " 102-93 TO B.M. 102-92 − 22.859
										102-92 TO " 102-91 + 23.217

F.B. 2414 P.G. 221

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. N-142552
Notes by T. OHASHI Time 1:10 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 102-91 To BM. 102-94
Date 2-5-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10663		636		#15	4863		625		BM. 102-91 (U.S. L-452 1953)
	10027		638			4238		625		STATE HWY #38 AT STA. K 342 + 87±
	9389		1274			3613		1250		SEE F.B. 2412-93 FOR DESC.
1.	30.079	10.026		1274		12.714	4.238		1250	
	5400		623			7762		625		⊼ J MOODY
	4777		624			7137		625		
	4153		1247			6512		1250		
2.	14.330	4.777		2521		21.411	7.137		2500	
	1560		600			11.717		601		
	0960		600			11.116		601		
	0360		1200			10.515		1202		
3.	2.880	0.960		3721		33.348	11.116		3702	
	1151		399			9728		405		
	0752		401			9323		402		
	0351		800			8921		807		
4.	2254	0.751		4521		27.972	9.324		4509	
	1389		403			8291		403		
	0986		403			7888		402		
	0583		806			7486		805		
5.	2958	0.986		5327		23.665	7.888		5314	
		17.500					39.703			

F.B. 2414 P.G. 22

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. N-142552
Notes by T. OHASHI Time 1:10 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 102-91 To BM 102-94
Date 2-5-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4267	17.500	408	5.327		5272	39.703	404	5.314	
	3859		406			4868		406		+ 21.360
	3453		814			4462		810		− 44.570
6	11.579	3.860		6.141		14.602	4.867		6.124	− 23.210
		21.360					44.570			BM. 102-92 (US A-370 1953)
										STATE HWY #138 AT STA K 350+77±
										SEE F.B. 2412-94 FOR DESC.
	7617		632			5298		627		
	6985		632			4671		629		
	6353		1264			4042		1256		
7.	20955	6.985		7.465		14.011	4.670		7.380	
	4410		628			6397		622		
	3782		628			5775		622		
	3154		1256			5153		1244		
8	11.346	3.782		8.661		17.325	5.775		8.624	
	6518		406			2738		401		
	6112		405			2337		400		
	5707		811			1937		801		
9.	18.337	6.112		9.472		7.012	2.337		9.425	
		16.879					12.782			

F.B. 2411 PG. 223

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather CLOUDY Inst. No. N-142552
Notes by T. OHASHI Time 11:10 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-91 To B.M. 102-94
Date 2-5-58
Indexed O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9295	16.879	397	9.472		2257	12.782	403	9.425	
	8898		398			1854		402		
	8500		795			1452		805		
10.	26.693	8.898		10.267		5563	1.854		10.250	
	9349		396			2136		402		
	8953		396			1734		402		
	8557		792			1332		804		
11.	26.859	8.953		11.059		5202	1.734		11.034	
	6974		120			2476		113		
	6854		120			2363		113		+ 41.584
	6734		240			2250		226		− 18.733
12.	20.562	6.854		11.299		7.089	2.363		11.260	+ 22.851
		41.584					18.733			B.M. 102-93 (U.S. K452 1955)
										STATE HWY #138 AT STA. K 365+38±
										SEE F.B. 2412-94. FOR DESC.
	5313		396			2068		399		
	4917		398			1669		399		
	4519		794			1270		798		
13	14.749	4.916		12.093		5.007	1.669		12.058	

F.B. 2414 P.G. 224

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING 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 G. E. DREIER Weather CLOUDY Inst. No. Nr 142552
Notes by T. OHASHI Time 1:10 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-91 To B.M. 102-94
Date 2-5-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9670	4.916	527	12093		4730	1.669	529	12,058	
	9143		526			4201		529		
	8617		1053			3672		1058		
14.	27430	9143		13.146		12603	4.201		13.116	
	2705		630			5333		621		
	2075		630			4712		620		
	1445		1260			4092		1241		
15.	6.225	2.075		14.406		14137	4712		14.357	
	8884		632			3343		625		
	8252		633			2718		626		
	7619		1265			2092		1251		
16.	24755	8.252		15.671		8.153	2.718		15608	
	7575		613			6797		643		
	6962		611			6154		642		
	6351		1224			5512		1285		
17.	20.888	6.963		16.895		18.463	6.154		16893	
	4125		636			7516		623		
	4189		637			6893		621		
	3552		1273			6272		1244		
18.	12566	4189		18.168		20.681	6.894		18.137	
		35.538					26.348			

F.B. 2414 P. 225

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather CLOUDY Inst. No. Nr 142552
Notes by T. OHASHI Time 1:10 TO 2:15 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-91 To B.M. 102-94
Date 2-5-58
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4495	35.538	634	18.168		8321	26.348	634	18.137	
	3861		633			7687		635		+ 43.781
	3228		1267			7052		1269		− 40.058
19.	11.584	3.861		19.435		23.060	7.687		19.406	+ 3.723
	4743		361			6396		373		B.M. 102-94 (U.S. J 452 1953)
	4382		362			6023		372		STATE HWY #138 AT STA. K 383+05
	4020		723			5651		745		SEE F.B. 2412-95 FOR DESC.
20.	13.145	4.382		20.158		18.070	6.023		20.151	
		43.781					40.058			

SUMMATION OF RUN

DIFF.	IN	ELEV.	B.M. 102-91	TO B.M. 102-92	−23.210
"	"	"	B.M. 102-92	TO B.M. 102-93	+22.851
"	"	"	B.M. 102-93	TO B.M. 102-94	+3.723

F.B. 2414 P.G. 226

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No Nr.142552
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M.102-96 To B.M.102-99
Date 2-3-58
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.435		584		#15	6.401		603		B.M.102-96 (H-452 1953)
	6.851		586			5.798		603		STATE Hwy 138 AT STA. K 467+40±
	6.265		1.170			5.195		1.206		SEE F.B.2412-96 FOR DESC.
1	20.551	6.850		1.170	50°	17.394	5.798		1.206	
	3.689		639			4.156		614		
	3.050		639			3.542		614		π J. MOODY
	2.411		1.278			2.928		1.228		
2	9.150	3.050		2.448		10.626	3.542		2.434	
	6.335		634			4.038		628		
	5.701		630			3.410		628		
	5.071		1.264			2.782		1.256		
3	17.107	5.702		3.712		10.230	3.410		3.690	
	5.805		634			4.373		622		
	5.171		634			3.751		621		
	4.537		1.268			3.130		1.243		
4	15.513	5.171		4.980		11.254	3.751		4.933	
	6.973		631			4.065		630		
	6.342		630			3.435		630		
	5.712		1.261			2.805		1.260		
5	19.027	6.342		6.241		10.305	3.435		6.193	
		27.115					19.936			

F.B. 14 P.G. 22

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather CLOUDY Inst. No. Nr. 142552
Notes by G. E. DREIER Time 9:00 To 10:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 102-96 To BM. 102-99
Date 2-3-58
Indexed O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.655	27.115	289	6.241		5.266	19.936	260	6.193	
	6.366		289			5.006		260		
	6.077		578			4.746		520		
6	19.098	6.366		6.819		15.018	5.006		6.713	
	7.758		377			1.910		369		+40.862
	7.381		378			1.541		369		-26.483
	7.003		755			1.172		738		+14.379
7	22.142	7.381		7.574		4.623	1.541		7.451	
		40.862					26.483		7574 15,025 0.28 mi.	BM. 102-97 (G-452, 1953) STATE Hwy 138 AT STA. K241+55± SEE F.B. 2412-96 FOR DESC.
	4.039		440			4.909		382		
	3.599		441			4.527		382		
	3.158		881			4.145		764		
8	10.796	3.599		8.455		13.581	4.527		8.215	
	10.845		407			1.655		407		
	10.438		406			1.248		408		
	10.032		813			0.840		815		
9	31.315	10.438		9.268		3.743	1.248		9.030	
		14.037					5.775			

F.B. 2414 P.G. 228

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-96 To B.M. 102-99
Date 2-3-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.387	14.037	409	9.268		4.481	5.775	407	9.030	
	10.978		406			4.074		407		
	10.572		815			3.667		814		
10	32.937	10.979		10.083		12.222	4.074		9.844	
	5.877		400			7.555		399		
	5.477		401			7.156		399		
	5.076		801			6.757		798		
11	16.430	5.477		10.884		21.468	7.156		10.642	
	2.692		359			6.413		451		
	2.333		357			5.962		450		
	1.976		716			5.512		901		
12	7.001	2.334		11.600		17.887	5.962		11.543	
	8.418		627			2.753		622		
	7.791		628			2.131		620		
	7.163		1.255			1.511		1.242		
13	23.372	7.791		12.855		6.395	2.132		12.785	
	9.099		608			2.409		641		
	8.491		610			1.768		640		
	7.881		1.218			1.128		1.281		
14	25.471	8.490		14.073		5.305	1.768		14.066	
		49.108					26.867			

F.B. 244 PG. 22

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No NK142552
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-96 To B.M. 102-99
Date 2-3-58
Indexed K. O. Johnson

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
	7.408	49.108	620	14.073		1.851	26.867	631	14.066	
	6.788		624			1.220		631		
	6.164		1.244			0.589		1.262		
15	20.360	6.787		15.317		3.660	1.220		15.328	
	9.997		206			1.799		195		
	9.791		207			1.604		196		
	9.584		413			1.408		391		
16	29.372	9.791		15.730		4.811	1.604		15.719	
	8.177		112			2.649		121		+ 73.751
	8.065		113			2.528		121		− 32.219
	7.952		225			2.407		242		+ 41.532
	24.194	8.065		15.955		7.584	2.528		15.961	
		73.751					32.219		15.955 31.916 − 15.025 16.891 = 0.32 mi.	B.M. 102-98 (F 452, 1953) STATE Hwy 138 AT EDISON Co. SUBSTA. SEE F.B. 2412-97 FOR DESC.
17	7.098		633			7.209		635		(0.60 mi.)
	6.465		632			6.574		636		
	5.833		1.265			5.938		1.271		
	19.396	6.465		17.220		19.721	6.574		17.232	

F.B. 2414 P.G. 230

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nn142552
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-96 To B.M. 102-99
Date 2-3-58 E. O. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.318	6.465	412	17.220		2.320	6.574	400	17.232	
	7.906		413			1.920		399		
	7.493		825			1.521		799		
18	23.717	7.905		18.045		5.761	1.920		18.031	
	9.556		405			1.240		398		
	9.151		403			0.842		396		
	8.748		808			0.446		794		
19	27.455	9.152		18.853		2.528	0.843		18.825	
	10.034		401			1.652		403		
	9.633		402			1.249		401		
	9.231		803			0.848		804		
20	28.898	9.633		19.656		3.749	1.250		19.629	
	7.893		456			4.961		449		
	7.437		455			4.512		452		
	6.982		911			4.060		901		
21	22.312	7.437		20.567		13.533	4.511		20.530	
	4.178		509			7.705		498		
	3.669		510			7.207		499		
	3.159		1.019			6.708		997		
22	11.006	3.669		21.586		21.620	7.207		21.527	
		44.261					22.305			

F.B. 2414 P.G. 231

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No NK 142552
Notes by G. E. DREIER Time 9:00 TO 10:25 Rod No 15816

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-96 To B.M. 102-99
Date 2-3-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.638	44.261	612	21.586		5.212	22.305	641	21.527	
	3.026		612			4.571		643		
	2.414		1224			3.928		1284		
23	9.078	3.026		22.810		13.711	4.570		22.811	
	8.941		403			2.008		405		+62.948
	8.538		401			1.595		407		-31.686
	8.137		804			1.188		812		+31.260
24	25.616	8.539		23.614		4.783	1.594		23.623	
	7.302		182			3.402		185		B.M. 102-99 (R 608 1942)
	7.120		182			3.217		184		STATE Hwy 138 AT STA. K 453+50
	6.938		364			3.033		369		SEE F.B. 2412-98 FOR DESC
25	21.360	7.120		23.978	52°	9.652	3.217		23.992	
		62.946					31.686		23.978 47.770 = 0.91 mi. -31.916 16.054 = 0.30 mi.	
										SUMMATION OF RUN B.M. 102-96 TO B.M. 102-99
						DIFF. IN ELEV.		B.M. 102-96 TO B.M. 102-97		+14.379
						" "	"	" 102-97 " " 102-98		+41.541
						" "	"	" 102-98 " " 102-99		+31.351

F.B. 2414 P.G. 237

78P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SCAT. CLOUDS Inst. No. N-142552
Notes by T. OHASHI Time 9:30 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-99 To B.M. 102-96
Date 2-5-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2847		255		#15	6714		222		B.M. 102-99 (U.S. R-608 1942)
	2592		256			6492		222		STATE Hwy 138 AT STA. K
	2336		511			6270		444		SEE F.B. 2412-98 for Desc.
1.	4775	2.592		511	50°	19476	6492		447	
	1175		433			8098		410		
	0742		431			7688		411		
	0311		864			7277		821		
2	2228	0.743		1.375		23063	7.688		1.265	
	4698		647			3139		635		
	4051		648			2504		634		
	3403		1295			1870		1269		
3.	12152	4.051		2.670		7513	2.504		2.534	
	7563		518			4033		528		
	7045		518			3505		527		
	6527		1036			2978		1055		
4.	21135	7.045		3.706		10516	3.505		3.589	
	5092		450			8066		498		
	4642		450			7568		497		
	4192		900			7071		995		
5.	13926	4.642		4.606		22705	7.568		4.584	
		19.073					27.757			

P.B. 24/14 PG. 233

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCAT. CLOUDS BREEZY Inst. No. N-142552
Notes by T. OHASHI Time 9.30 TO Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-99 To BM 102-96
Date 2-5-58
Indexed L. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1678	19.073	427	4.606		10051	27.757	418	4.584	
	1251		428			9633		417		
	0823		855			9216		835		
6.	3.752	1.251		5.461		28.900	9.633		5.419	
	1178		421			9495		428		
	0757		420			9067		436		
	0337		841			8631		864		
7.	2.272	0.757		6.302		27.199	9.066		6.277	
	2173		427			8158		427		
	1746		428			7731		429		
	1318		855			7302		856		
8.	5.237	1.746		7.157		23.191	7.730		7.133	
	7150		633			7039		631		+ 29.343
	6517		637			6408		632		- 60.593
	5880		1270			5775		1263		- 31.250
9.	19.547	6.516		8.427		19.222	6.407		8.396	
		29.343					60.593			BM. 102-98 (US. F 452 1953)
										STATE HWY 138 AT EDISON SUB-STA.
										SEE F.B. 2412-97 FOR DESC

F.B. 2414 P.G. 234

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather SCAT CLOUDS BREEZY Inst. No. N4 142552
Notes by T. OHASHI Time 9:30 TO 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 102-99 To BM 102-96
Date 2-5-56
Indexed E. O. Johnson

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
	2547		121	8.427		8076		114	8.396	
	2426		121			7962		113		
	2305		242			7849		227		
10	7.278	2.426		8.669		23.887	7.962		8.623	
	1702		195			9898		206		
	1507		195			9692		206		
	1312		390			9486		412		
11	4.521	1.507		9.059		29.076	9.692		9.035	
	1620		634			7171		620		
	0986		633			6551		621		
	0353		1267			5930		1241		
12	2.959	0.986		10.326		19.652	6.551		10.276	
	2504		626			9225		625		
	1878		627			8600		622		
	1251		1253			7978		1247		
13	5.633	1.878		11.579		25.803	8.601		11.523	
	2485		620			8122		629		
	1835		618			7493		629		
	1217		1238			6864		1258		
14	5.507	1.836		12.817		22.479	7.493		12.781	
		8.633					40.299			

F.B. 2414 P. 0235

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. DREIER Weather: Inst. No.:
Notes by: Time: Rod No.:

Name: L. A. CO. PRECISE LEVEL NET
Job No.:
From: To:
Date:
Indexed: L. A. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2414 P.G. 232

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Scat - Clouds Inst. No. N-142552
Notes by T. OHASHI Time 9.30 To 10.45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-99 To BM 102-96
Date 2-5-58
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5821	8.633	406	12.817		2189	40.299	403	12.781	
	5415		405			1786		405		
	5010		811			1381		808		
15.	16.246	5415		13.628		5.356	1.785		13.589	
	7508		406			5819		397		
	7102		404			5422		395		
	6698		810			5027		792		
16.	21.308	7.103		14.538		16.268	5.423		14.381	
	2803		401			9706		399		
	2402		401			9307		398		
	2001		802			8909		797		
17.	7.206	2.402		15.240		27.922	9.307		15.178	
	1730		390			10989		422		
	1348		390			10.537		425		
	0958		780			10112		847		
18.	4.044	1.348		16.020		31.608	10.536		16.025	+29.373 -70.896 -41.523
	4855		383			3987		442		
	4472		382			3545		440		
	4090		765			3105		882		
19.	13.417	4.472		16.785		10.637	3.546		16.907	BM 102-97 (45 G.452 1953 STATE HWY #138 AT STA. K 241+85 SEE FB 2412 — 96 FOR DESC.
		29.373					70.896			

F.B. 2414 PG. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: O. E. DREIER Weather: CLEAR Inst. No.: N-142552
Notes by: T. OHASHI Time: 9:30 TO 10:45 Rod No.: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM. 102-99 To: BM. 102-96
Date: 2-5-58
Indexed: M. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2054		366	16.785		7913		388	16.907	
	1688		367			7525		389		
	1321		733			7136		777		
20.	5063	1688		17.418		22.574	7.525		17.684	
	5063		262			6433		272		
	4801		261			6161		272		
	4540		523			5889		544		
21.	14.404	4.801		18.041		18.483	6.161		18.228	
	4141		663			6974		592		
	3478		665			6382		590		
	2813		1328			5792		1182		
22.	10.432	3.477		19.369		19.148	6.383		19.410	
	4692		635			6094		619		
	4057		636			5475		618		
	3421		1271			4857		1237		
23	12.170	4.057		20.640		16.426	5.475		20.647	
	4188		639			6461		621		
	3549		637			5840		619		
	2912		1276			5221		1240		
24	10.649	3.550		21.916		17.522	5.841		21.887	
		17.573					31.385			

F.B. 2414 P.G. 238

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Scat-Clouds Inst. No. N-142552
Notes by T. OHASHI Time 9:30 To 10:45 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 102-99 To B.M. 102-96
Date 2-5-58
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4450	17.573	628	21.916		3955	31.385	624	21.887	
	3822		627			3331		626		+22152
	3195		1255			2705		1250		-41.524
25.	11467	3.822		23.171		9991	3330		23.137	-14.372
	6361		603			7395		586		B.M. 102-96 (US. H452 1953)
	5758		606			6809		586		STATE HWY 138 AT STA. K 407+40
	5152		1209			6223		1172		SEE F.B. 2412 - 96 FOR DESC.
26.	17.271	5.757		24.380		20.427	6.809		24.309	
		27.152					41.524			

F.B. 2414 P.G. 23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NF
Job No.
From To
Date
Indexed A. O. Johnson

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2414 P.G. 2WD										

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by G. E. DREIER Time 10:25 TO 10:40 Rod No 15816

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-99 To B.M. 102-100
Date 2-3-58
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.384		229		#15	3.323		215		B.M. 102-99 (R 608 1942)
	7.155		229			3.108		213		STATE Hwy 138 AT STA K 453+50
	6.926		458			2.895		428		SEE F.B. 2412-98 FOR DESC
1	21.465	7.155		.458	52°	9.326	3.109		.428	
	9.568		403			3.132		400		
	9.165		401			2.732		402		T. T. OHASHI
	8.764		804			2.330		802		
2	27.497	9.166		12.62		8.194	2.731		1.230	
	6.847		630			6.232		623		
	6.217		630			5.609		622		
	5.587		1.260			4.987		1.245		
3	18.651	6.217		2.522		16.828	5.609		2.475	
	6.712		340			2.787		350		
	6.372		340			2.437		350		B.M. 102-100 (E 452 1953)
	6.032		680			2.087		700		JCT. OF STATE Hwys 138 & 99
4	19.116	6.372		3.202		7.311	2.437		3.175	SEE F.B. 2412-98 FOR DESC. 102-100
									3.202	SUMMATION OF RUN B.M. 102-99 TO
									6.377	TOTAL BACKSIGHTS + 28.910
									= 0.12 mi.	TOTAL FORESIGHTS − 13.886
										DIFF IN ELEVATION + 15.024
		28.910					13.886			

F.B. 2414 P.G. 241

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND Inst. No NH142552
Notes by J. MOODY Time 2:10 to 2:30 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 102-100 To B.M. 102-99
Date 2-3-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2448		341		#15	6383		342		B.M. 102-100 E 452, 1953
	2107		340			6041		341		JCT OF Hwy's 138 & 99
	1767		681			5700		683		SEE F.B. 2412 - FOR DESC.
1	6322	2.107		.681	50°	18.124	6.041		.683	
	6400		625			7011		629		
	5775		625			6382		630		π T. OHASH
	5150		1250			5752		1259		
2	17325	5.775		1.931		19145	6.382		1.942	
	2831		402			9263		400		
	2429		401			8863		401		
	2028		803			8462		801		
3	7288	2.429		2.734		26588	8.863		2.743	
	2641		237			6653		204		
	2404		238			6449		204		B.M. 102-99 R-608 1942
	2166		475			6245		408		STATE Hwy 138 AT STA. K 453+50
4	7211	2.404		3.209		19347	6.449		3.151	SEE F.B. 2412-98 FOR DESC.
										SUMMATION OF RUN
										B.M. 102-100 TO 102-99
										TOTAL BACKSIGHTS +12.715
										TOTAL FORESIGHTS -27.735
		12.715					27.735			DIFF IN ELEVATION -15.020

F.B. 2414 P.G. 247

76F526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No Nr. 142552
Notes by G. E. DREIER Time 10:40 TO 11:00 Rod No. 15 & 16

L. A. CO. PRECISE LEVEL NR
Name
Job No. 0301.02
From B.M. 102-100 To B.M. 102-101
Date 2-3-58
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.672		620		#15	4.083		623		B.M. 102-100 (E452, 1953)
	7.052		624			3.460		625		JCT. STATE Hwys #138 & #99
	6.428		1.244			2.835		1.248		SEE F.B. 2412-98 FOR DESC.
1	21.152	7.051		1.244	53°	10.378	3.459		1.248	
	7.850		507			2.411		506		
	7.343		507			1.905		505		
	6.836		1014			1.400		1011		↑ T. OHASHI
2	22.029	7.343		2.258		5.716	1.905		2.259	
	9.051		501			2.522		501		
	8.550		502			2.021		502		
	8.048		1003			1.519		1003		
3	25.649	8.550		3.261		6.062	2.021		3.262	
	9.650		628			1.668		636		
	9.022		628			1.030		632		
	8.394		1256			0.398		1.268		
4	27.066	9.022		4.517		3.094	1.031		4.530	
	9.352		624			1.885		628		
	8.728		626			1.257		632		
	8.102		1250			0.625		1.260		
5	26.182	8.727		5.767		3.767	1.256		5.790	
		40.693					9.672			

F.B. 2414 P.G. 2-43

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER
Weather: SCAT. CLOUDS WINDY
Inst. No: N-142552
Notes by: G. E. DREIER
Time: 12:00 TO 1:00
Rod No: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 102-100 To: B.M. 102-101
Date: 2-3-58
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.336	40.693	627	5.767		1.498	9.672	629	5.790	
	8.709		627			0.869		627		
	8.082		1254			0.242		1.256		
6	26.127	8.709		7.021		2.609	0.870		7.046	
	9.938		645			1.519		636		
	9.293		644			0.883		632		
	8.649		1.289			0.251		1.268		
7	27.880	9.293		8.310		2.653	0.884		8.314	
	9.467		519			1.675		513		
	8.948		519			1.162		514		
	8.429		1.038			0.648		1.027		
8	26.844	8.948		9.348		3.485	1.162		9.341	
	9.411		504			2.028		498		
	8.907		505			1.530		499		
	8.402		1.009			1.031		.997		
9	26.720	8.907		10.357		4.589	1.530		10.338	
	8.955		502			2.348		499		
	8.453		502			1.849		500		
	7.951		1004			1.349		999		
10	25.359	8.453		11.361		5.546	1.849		11.337	
		85.003					15.967			

F.B. 5414 P.G. 244

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY SCAT. CLOUDS Inst. No. N14255
Notes by G. E. DREIER Time 12:00 TO 1:00 Rod No. 15 & 16

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-100 To B.M. 102-101
Date 2-3-58
Indexed K. A. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.235	85.003	510	11.361		1.684	15.967	503	11.337	
	8.725		508			1.181		505		
	8.217		1018			0.676		1.008		
11	26.177	8.726		12.379		3.541	1.180		12.345	
	9.010		505			1.345		504		
	8.505		505			0.841		503		
	8.000		1.010			0.338		1.007		
12	25.515	8.505		13.389		2.524	0.841		13.352	
	9.129		503			1.290		504		
	8.626		504			0.786		506		
	8.122		1.007			0.280		1.010		
13	25.877	8.626		14.396		2.356	0.785		14.362	
	9.685		502			2.470		506		
	9.183		504			1.964		504		
	8.679		1.006			1.460		1.010		
14	27.547	9.182		15.402		5.894	1.965		15.372	
	9.689		460			2.841		452		
	9.228		468			2.389		448		
	8.768		920			1.941		900		
15	27.685	9.228		16.322		7.171	2.390		16.272	
		129.270					23.128			

F.B. 24/14 P.G. 245

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather GUSTY SCAT. CLOUDS Inst. No. Nr. 14
Notes by G. E DREIER Time 12:00 TO 1:00 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-100 To B.M. 102-101
Date 2-3-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.742	129.270	452	16.322		2.826	23.128	452	16.272	
	8.290		450			2.374		451		
	7.840		902			1.923		903		
16	24.872	8.291		17.224		7.123	2.374		17.175	
	8.935		447			1.911		453		
	8.488		449			1.458		455		
	8.039		896			1.003		908		
17	25.462	8.487		18.120		4.372	1.457		18.083	
	9.039		456			1.888		499		
	8.583		454			1.389		499		
	8.129		910			0.890		998		
18	25.751	8.584		19.030		4.167	1.389		19.081	
	11.470		274			1.398		219		B.M. 102-101 (Z 368 1953)
	11.196		276			1.179		218		Hwy 99, 0.36 mi. E. of Gorman
	10.920		550			0.961		437		SEE F.B. 2412-99 FOR DESC.
19	33.586	11.195		19.580		3.538	1.179		19.518	
									19.580 39.098 =0.74 mi.	SUMMATION OF RUN
										B.M. 102-100 TO B.M. 102-101
										TOTAL BACKSIGHTS + 165.827
										TOTAL FORESIGHTS - 29.527
		165.827					29.527			DIFF IN ELEVATION +136.300

F.B. 2414 P.G. 246

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather CLEAR Inst. No NT142552
Notes by J. MOODY Time 8:20 to 9:20 Rod No 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-101 To BM 102-100
Date 3-5-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1092		211		#15	11.174		276		BM102-101 (US Z-368, 1953)
	0881		213			10.898		277		HWY 99, 0.36 MI. E. of GORMAN
	0668		424			10.621		553		SEE F.B. 2412-99 FOR DESC.
1	2641	0880		424	41°	32693	10.898		553	
	1773		496			8928		456		
	1277		498			8472		453		* OHASHI
	0779		994			8019		909		
2	3829	1.276		1418		25419	8.473		1462	
	1980		451			9007		451		
	1529		453			8556		449		
	1076		904			8107		900		
3	4585	1.528		2322		25670	8.557		2362	
	2782		461			8676		440		
	2321		461			8236		441		
	1860		922			7795		881		
4	6963	2.321		3244		24707	8.236		3243	
	2712		447			9560		458		
	2265		448			9102		456		
	1817		895			8646		914		
5	6794	2.265		4139		27308	9.103		4157	
		8.270					45.267			

F.B. 2414 P.G. 247

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. DREIER Weather CLEAR Inst. No NR142582
Notes by J. MOODY Time 8:20 to 9:20 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM102-101 To BM102-100
Date 3-5-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1967	8.270	507	4139		9171	45.267	503	4.157	
	1450		503			8668		504		
	0947		1010			8164		1007		
6	4.354	1.451		5.149		26.003	8.668		5.164	
	1277		507			9111		502		
	0770		504			8609		501		
	0266		1011			8108		1003		
7	2.313	0.771		6.160		25.828	8.609		6.167	
	1665		505			9329		506		
	1160		509			8823		503		
	0651		1014			8320		1009		
8	3.476	1.159		7.174		26.472	8.824		7.176	
	1782		502			9331		508		
	1280		505			8823		508		
	0775		1007			8315		1016		
9	3.837	1.279		8.181		26.469	8.823		8.192	
	2283		499			8890		500		
	1784		501			8390		500		
	1283		1000			7890		1000		
10	5.350	1.783		9.181		25.170	8.390		9.192	
		14.713					88.581			

F.B. 2411 P.G. 248

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No NY 192552
Notes by J. MOODY Time 8:20 to 9:20 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 102-101 To BM 102-100
Date 2-5-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1928	14.713	498	9181		9315	88.581	506	9192	
	1430		498			8809		505		
	0932		996			8304		1011		
11	4.290	1.430		10.177		26.428	8.809		10.203	
	1714		514			9503		516		
	1200		515			8987		517		
	0685		1029			8470		1033		
12	3.599	1.200		11.206		26.960	8.987		11.236	
	1457		626			9868		627		
	0831		624			9241		631		
	0207		1250			8610		1258		
13	2.495	0.832		12.456		27.719	9.240		12.494	
	1727		628			9565		626		
	1099		629			8939		629		
	0470		1257			8310		1255		
14	3.296	1.099		13.713		26.814	8.938		13.749	
	2093		629			9563		625		
	1464		629			8938		628		
	0835		1258			8310		1253		
15	4.392	1.464		14.971		26.811	8.937		15.002	
		20.738					133.492			

F. BR 414 P. G 245

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. NK142557
Notes by J. MOORY Time 8:20 to 9:20 Rod No. 15816

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM102-101 To BM102-100
Date 2-5-58
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1880	20.738	633	14971		9868	133.492	628	15002	
	1247		634			9240		630		
	0613		1267			8610		1258		
16	3740	1.247		16238		27718	9.239		16260	
	2688		504			9218		503		
	2184		501			8715		503		
	1683		1005			8212		1006		
17	6555	2.185		17243		26145	8.715		17266	
	2469		505			7912		509		
	1964		504			7403		509		
	1460		1009			6894		1018		
18	5893	1.964		18252		22209	7.403		18274	
	4062		620			7662		629		BM102-100 (U.S. E-452, 1953)
	3442		620			7033		629		JCT. STATE HWY #138 & #99
	2822		1240			6404		1258		SEE F.B. 2412-98 FOR DESC.
19	10326	3.442		19492		21099	7.033		19582	
		29.576					165.882			

SUMMATION OF RUN
B.M. 102-101 TO B.M. 102-100
TOTAL BACKSIGHTS +29.576
TOTAL FORESIGHTS −165.882
DIFF IN ELEVATION −136.306

F.B. 2414 P.G. 250

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: B. E. DREIER Weather: SCATT. CLOUDS Inst. No: NK 142552
Notes by: G. E. DREIER Time: 1:05 TO 1:25 Rod No: 15 & 16

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: BM. 102-101 To: BM. 102-102
Date: 2-3-58
Indexed: K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.469		612		#15	4937		624		BM. 102-101 (2-368 1953)
	1.857		615			4313		622		Hwy 99, 0.36 mi. E. of GORMAN
	1.242		1.227	1.227		3.691		1.246		SEE F.B. 2412-99 FOR DESC.
1	5.568	1.856				12.941	4.314		1.246	
	7.687		637			5.245		632		
	7.050		635			4.613		632		π J. MOODY
	6.415		1.272	2.499		3.981		1.264		
2	21.152	7.051				13.839	4.613		2.510	
	6309		637			5427		632		
	5.672		637			4.795		632		
	5.035		1.274	3.773		4.163		1.264		
3	17.016	5.672				14.385	4.795		3.774	
	6.522		624			5.182		627		
	5.898		627			4555		626		
	5.271		1.251	5.024		3.929		1.253		
4	17.691	5.897				13.666	4.555		5.027	
	8.456		638			2129		614		
	7.818		636			1.515		617		
	7.182		1.274	6.298		0898		1.231		
5	23.456	7.819				4.542	1.514		6.258	
		28.295					19.791			

F.B. 2414 P.G. 251

76P526 S & E #379 1-84

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

1,797
2/19/76

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE SCAT. CLOUDS Inst. No Nr142552
Notes by G. E. DREIER Time 1:05 TO 1:25 Rod No. 15 & 16

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 102-101 To B.M. 102-102
Date 2-3-58
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.663	28.295	631	6.298		1.825	19.791	627	6.258	
	9.032		632			1.198		628		
	8.400		1263			0.570		1255		
6	27.095	9.032		7.561		3.593	1.198		7.513	
	8.908		483			3.153		522		
	8.425		483			2.631		520		
	7.942		976			2.111		1.042		
7	25.275	8.425		8.532		7.895	2.632		8.555	
	7.582		380			2.663		379		
	7.202		381			2.294		379		
	6.821		761			1.925		758		
8	21.605	7.202		9.298		6.882	2.294		9.313	
	6.447		153			5.472		162		B.M. 102-102 (B 54, 1926)
	6.294		153			5.310		163		AT GORMAN AT STORE & POST OFFICE
	6.141		306			5.147		325		SEE F.B. 2412-100 FOR DESC.
9	18.882	6.294		9.604		15.929	5.310		9.638	
									9.604	SUMMATION OF RUN
									19.242	
									= 0.36 ml.	B.M. 102-101 TO B.M. 102-102
										TOTAL BACKSIGHTS + 59.248
										TOTAL FORESIGHTS - 31.225
		59.248					31.225			DIFF IN ELEVATION + 28.023

F.B. 2414 P.G. 257

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sept. Clouds Breeze Inst. No. 4-445-22
Notes by T. OHASHI Time 1:35 TO 2:00 Rod No. 15 5 66

Name L. A. CO PRECISE LEVEL NET
Job No. 050102
From B.M. 102-102 To B.M. 102-101
Date 2-5-54
Indexed M. O. Johnson

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
	5543		162		4/5	6.518		153		B.M. 102-102 (B.54, 1926)
	5.381		163			6.365		153		GORMAN, AT STORE
	5.218		325			6.212		306		SEE F.B. 2412-100 FOR DESC.
1.	16142	5.381		325	54°	19.095	6.365		306	
	2845		364			7768		379		T. J. MOODY
	2481		363			7389		377		
	2118		727			7012		756		
2.	7.444	2.481		1.052		22169	7.390		1.062	
	3137		506			8923		498		
	2631		503			8425		497		
	2128		1009			7928		995		
3.	7.896	2.632		2.061		25276	8.425		2.057	
	1751		626			9592		635		
	1125		628			8959		631		
	0497		1254			8328		1264		
4.	3.373	1.124		3.315		26879	8.960		3.321	
	2182		613			8512		639		
	1569		614			7873		639		
	0955		1227			7234		1278		
5.	4.706	1.569		4.542		25619	7.873		4.599	
		13.187					39.013			

F.B. 2444 P.G. 253

Chief [illegible]
Notes [illegible]

[illegible] EL NET

[illegible] 102-101

Date [illegible]
Indexed K. O. Johnson

Number of Station	Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5199	13.187	626	4842		6843	39.013	627	4599	
	4573		624			5916		627		
	3949		1250			5289		1254		
6	13.721	4.574		5792		17.748	5.916		5.853	
	5342		629			6230		639		
	4713		628			5591		639		
	4085		1257			4952		1278		
7.	14.140	4.713		7069		16.773	5.591		7.131	
	5051		643			7465		622		
	4408		647			6843		622		
	3761		1290			6221		1244		
8.	13.220	4.407		8359		20.529	6.843		8375	
	4722		616			2269		620		BM 102-101 (U.S. Z-368, 1953)
	4106		617			1649		620		Hwy 99, 0.36 MI. E. OF GORMAN
	3489		1233			1029		1240		SEE F.B. 2412-99 FOR DESC.
9.	12.317	4.106		9592		4.947	1.649		9.615	
										SUMMATION OF RUN
										B.M. 102-102 TO B.M. 102-101
										TOTAL BACKSIGHTS +30.987
										TOTAL FORESIGHTS -59.012
		30.987					59.012			DIFF IN ELEVATION +28.025

F.B. 2414 P.G. 254