F.B. 2411 P.G. 5

LINE NO. 101

L.A. CO. PRECISE LEVEL NET

JOB NO. 0301.02

ALONG S.P. RR FROM ALPINE SPRINGS

TO ROSAMOND

CONTINUED FROM F.B. 2410

DREIER
MOODY
OHASHI
LATTERI

Indexed Johnson 5-23-57

DESCRIPTION AND REMARKS

Number of Station	Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	Thread Readings	Mean	Thread Intervals	Sum of Intervals

Micro filmed Nov. '85

Chief of [illegible]
Notes by [illegible]

TO

[illegible]

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 Inst. No.
Notes by Time Rod No.

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

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. 2411 P.G. 6

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 50010
Notes by G. E DREIER Time 10:00 TO 11:10 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-120 To BM 101-121
Date 3-15-57
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
	3.647		199		#11	5.975		202		B.M. 101-120
	3.448		195			5.773		195		S.P.R.R. & AVE. N.
	3.253		394			5.575		400		
1	10.348	3.449		394	66°	17.323	5.774		400	
	4.915		193			6.515		193		
	4.722		190			6.322		191		
	4.532		383			6.131		384		T J. MOODY
2	14.169	4.723		777		18.968	6.323		784	
	4.493		194			5.626		194		
	4.299		191			5.432		190		
	4.108		385			5.242		384		
3	12.900	4.300		1.162		16.300	5.433		1.168	
	5.775		193			6.169		194		
	5.582		190			5.975		192		
	5.392		383			5.783		386		
4	16.749	5.583		1.545		17.927	5.976		1.554	
	3.769		193			6.038		197		
	3.576		189			5.841		193		
	3.387		382			5.648		390		
5	10.732	3.577		1.927		17.527	5.842		1.944	
		21.632					29.348			

F.B. 2411 P.G. 7

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 BREEZE CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 10:00 TO 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.101-120 To B.M.101-121
Date 3-15-57
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
	7.387	21.632'	105	1.927'		3.908	[illegible]48'	106	1.944'	+ 28.914'
	7.282		104			3.802		104		- 33.151'
	7.178		209'			3.698		210'		- 4.237'
6	21.847'	7.282'		2.136		11.408'	3.803'		2.154'	
		28.914'					33.151'			T. B.M. E-13
										SIERRA HWY AT STA. F 17.6+26
										E. END OF CONC. BOX CULVERT,
										B.SPK 1' N. OF S. END OF HEADWALL
										CHISLED E-13
	3.768		197			7.874		195		
	3.571		193			7.679		194		
	3.378		390'			7.485		389'		
7	10.717'	3.572'		2.526		23.038'	7.679'		2.543'	
	3.155		190			7.941		192		
	2.965		185			7.749		190		
	2.779		378'			7.559		382'		
8	8.897'	2.966'		2.904		23.249'	7.7[illegible]0'		2.925'	
	4.289		191			5.691		190		
	4.098		190			5.501		191		
	3.908		381'			5.310		381'		
9	12.295'	4.098'		3.285		16.502'	5.501'		3.306	
		10.636'					20.920'			

F.B. 2411 P.G. 8

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: BREEZE CLEAR
Inst. No.: 50010
Notes by: G. E. DREIER
Time: 11:00 TO 11:10
Rod No.: 11 & 12

Name: L. A. CO. PUBLIC WORKS DIST.
Job No.: 0301.02
From: B.M. 101-120 To: B.M. 101-121
Date: 3-15-57
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
	4.981	10.636	192	3.285		6.015	20.930	192	3.306	
	4.789		191			5.823		190		
	4.598		383			5.633		382		
10	14.368	4.789		3.668		17.471	5.824		3.688	
	4.773		191			6.428		195		
	4.582		190			6.233		192		
	4.392		381			6.041		387		
11	13.747	4.582		4.049		18.702	6.234		4.075	
	4.672		193			6.062		191		
	4.479		190			5.871		190		
	4.289		383			5.681		381		+28.815
12	13.440	4.480		4.432		17.614	5.871		4.456	-41.622
										-12.807
	4.527		199			2.962		200		
	4.328		198			2.762		197		
	4.130		397			2.565		397		B.M. 101-121 (U.S. V-811, 1947)
13	12.985	4.328		4.8 2 x 9		8.289	2.763		4.853	
		28.815					41.622		4.8 3 9	
									9.6 8 2	= 0.62 Mi

F.B. 2411 P.G. 9

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. 50010
Notes by G. E. DREIER Time 11:10 TO 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVELING
Job No. 0301.02
From B.M. 101-121 To B.M. 101-120
Date 3-15-57
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
	2.951		200			4.517		198		B.M. 101-121 (U.S. V-811 1947)
	2.751		198			4.319		197		
	2.553		398			4.122		395		
1	8.255	2.752		398		12.958	4.319		.395	
	5.998		193			4.608		195		
	5.805		190			4.413		191		π J. MOODY
	5.615		383			4.222		386		
2	17.418	5.806		.785		13.243	4.414		.781	
	6.392		194			4.739		190		
	6.198		191			4.549		190		
	6.007		385			4.359		380		
3	18.597	6.199		1.170		13.647	4.549		1.161	
	6.028		191			4.995		193		
	5.837		190			4.802		190		
	5.647		381			4.612		383		
4	17.512	5.837		1.554		14.409	4.803		1.544	
	5.819		191			4.418		193		
	5.628		191			4.225		190		
	5.437		382			4.035		383		
5	16.884	5.628		1.933		12.678	4.226		1.927	
		26.222					22.311			

F.B. 2411 P.G. 10

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 BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL
Job No. 0301.02
From B.M. 101-121 To B.M. 101-120
Date 3-15-57
Indexed K. 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
	8.038	26.222	190	1.933 (29)		3.251	22.311	192	1.927	
	7.848		190			3.059		188		
	7.658		380			2.871		380		
6	23.544	7.848		2.313 (09)		9.181	3.060		2.307	
	7.899		195			3.795		196		+41.775
	7.704		193			3.599		194		-28.971
	7.511		388			3.405		390		+12.804
7	23.114	7.705		2.701 (697)		10.799	3.600		2.697	
	3.815	41.775	107			7.291	28.971	103		T.B.M. E-13
	3.708		106			7.188		103		SIERRA HWY AT STA F-17.6+26,
	3.602		213			7.085		206		E. END OF CONC. BOX CULVERT,
8	11.125	3.708		2.914 (0)		21.564	7.188		2.903	B. SPK 1 FT. N. OF S. END OF HEAD WALL
										CHISELED E-13
	6.211		196			3.945		196		
	6.015		194			3.749		192		
	5.821		390			3.557		388		
9	18.047	6.016		3.304 (0)		11.251	3.750		3.291	
	6.611		193			6.222		193		
	6.418		191			6.029		194		
	6.227		384			5.835		387		
10	19.256	6.419		3.688 (1)		18.086	6.029		3.678	
		16.143					16.967			

F.B. 2411 P.G. 11

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. 50010
Notes by G. E. DREIER Time 11.10 TO 12.15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL N
Job No. 0301.02
From B.M. 101-121 To B.M. 101-120
Date 3-15-57
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
	6.148	16.143	195	3.688		5.013	16.967	194	3.678	
	5.953		192			4.819		191		
	5.761		387			4.628		385		
11	17.862	5.954		4.075		14.460	4.820		4.063	
	6.705		193			5.103		192		
	6.512		191			4.911		192		+ 34.413
	6.321		384			4.719		384		- 30.176
12	19.538	6.513		4.459		14.733	4.911		4.447	+ 4.237
	6.004		201			3.675		197		
	5.803		200			3.478		196		B.M. 101-120
	5.603		401			3.282		393		S.P. R.R. & AVE. N.
13	17.410	5.803		4.856		10.435	3.478		4.840	
		34.413					30.176			

F.B. 2411 P.G. 12

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-121 To B.M. 101-122
Date 3-18-57
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
	4.112		216		#11	6.928		230		B.M. 101-121 (U.S. V-811, 1947)
	3.896		217			6.698		226		
	3.679		433			6.472		456		
1	11.687	3.896		.433	63°	20.098	6.699		.456	
	4.447		190			5.793		192		↑ J. MOODY
	4.257		190			5.601		190		
	4.067		380			5.411		382		
2	12.771	4.257		.813		16.805	5.602		.838	
	4.090		191			6.882		193		
	3.899		190			6.689		192		
	3.709		381			6.497		385		
3	11.698	3.899		1.194		20.068	6.689		1.223	
	6.518		202			6.995		203		
	6.316		200			6.792		204		
	6.116		402			6.588		407		
4	18.950	6.317		1.596		20.375	6.792		1.630	
	4.557		190			7.485		194		
	4.367		190			7.291		192		
	4.177		380			7.099		386		
5	13.101	4.367		1.976		21.875	7.292		2.016	
		22.736					33.074			

F.B. 2411 P.G. 13

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-121 To B.M. 101-122
Date 3-18-57
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
	4.982	22.736	189	1.976		6.162	[illegible]	190	2.016	
	4.793		189			5.972		189		
	4.604		378			5.783		379		
6	14.379	4.793		2.354		17.917	5.[illegible]72		2.395	
	4.591		192			6.838		194		
	4.399		189			6.644		193		
	4.210		381			6.451		387		
7	13.200	4.400		2.735		19.933	6.644		2.782	
	4.687		245			6.337		236		
	4.442		244			6.101		233		
	4.198		489			5.868		469		
8	13.327	4.442		3.224		18.306	6.[illegible]2		3.251	B.M. 101-122 (U.S. F.C. 487 1955) SIERRA Hwy & AVE. M
									3.224	
									6.475 = 0.42 mi.	
										SUMMATION OF RUN
										B.M. 101-121 TO B.M. 101-122
										TOTAL BACKSIGHTS +36.371
										TOTAL FORESIGHTS -51.792
										DIFF IN ELEVATION -15.421
		36.371					51.792			

F.B. 2411 P.G. 14

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:50 TO 2: Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-122 To B.M. 101-121
Date 3-19-57
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
	6.217		242		#11	4.557		239		B.M. 101-122 (U.S. FF-487, 1955)
	5.975		238			4.318		240		SIERRA HWY & AVE M.
	5.737		480			4.078		479		
1	17.929	5.976		.480	70°	12.953	4.318		.479	
	6.847		195			4.601		193		
	6.652		194			4.408		191		J. MOODY
	6.458		389			4.217		384		
2	19.957	6.652		.869		13.226	4.409		.863	
	6.158		191			4.977		190		
	5.967		190			4.787		189		
	5.777		381			4.598		379		
3	17.902	5.967		1.250		14.362	4.787		1.242	
	7.495		194			4.567		192		
	7.301		193			4.375		190		
	7.108		387			4.185		382		
4	21.904	7.301		1.637		13.127	4.376		1.624	
	7.012		204			6.529		201		
	6.808		200			6.328		201		
	6.608		404			6.127		402		
5	20.428	6.809		2.041		18.984	6.328		2.026	
		32.705					24.218			

F.B. 2411 P.G. 15

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY PART Inst. No. 50010
Notes by G. E. DREIER Time 1:50 TO 2: Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-122 To B.M. 101-121
Date 3-19-57
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
	6.911	32.705	194	2.041		4.112	24.218	191	2.026	
	6.717		192			3.921		189		
	6.525		386			3.732		380		
6	20.153	6.718		2.427		11.765	3.922		2.406	
	5.879		191			4.538		191		
	5.688		190			4.347		189		
	5.498		381			4.158		380		
7	17.065	5.688		2.808		13.043	4.348		2.786	
	6.883		225			4.090		219		
	6.658		224			3.871		218		
	6.434		449			3.653		437		B.M. 101-121 (U.S. V-811 1947)
8	19.975	6.658		3.257		11.614	3.871		3.223	
										SUMMATION OF RUN B.M. 101-122 TO B.M. 101-121
										TOTAL BACKSIGHTS +51.769'
										TOTAL FORESIGHTS -36.359'
										DIFF IN ELEVATION +15.410'
		51.769					36.359			

F.B. 2411 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 BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-122 To B.M. 101-121
Date 3-20-57
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
										RERUN
	6.209		240		#11	4.547		240		B.M. 101-122 (U.S. FF-487, 1955)
	5.969		239			4.307		239		SIERRA HWY & AVE M.
	5.730		479			4.068		479		
1	17.908	5.969		.479	68°	12.922	4.307		.479	
	7.047		195			4.803		191		
	6.852		191			4.612		189		T. J. MOODY
	6.661		386			4.423		380		
2	20.560	6.853		.865		13.838	4.613		.859	
	6.162		190			4.987		191		
	5.972		189			4.796		188		
	5.783		379			4.608		379		
3	17.917	5.972		1.244		14.391	4.797		1.238	
	7.465		193			4.541		191		
	7.272		192			4.350		189		
	7.080		385			4.161		380		
4	21.817	7.272		1.629		13.052	4.351		1.618	
	7.035		204			6.557		202		
	6.831		203			6.355		200		
	6.628		407			6.155		402		
5	20.494	6.831		2.036		19.067	6.356		2.020	
		32.897					24.424			

F.B. 2411 P.G. 17

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: BREEZE CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 9:00 TO 10:10 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 101-122 To: B.M. 101-121
Date: 3-20-57
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	RERUN DESCRIPTION AND REMARKS
	7.003	32.897	185	2.036		4.208	[illegible]	190	2.020	
	6.808		184			4.018		190		
	6.614		369			3.828		380		
6	20.425	6.868		2.405		12.054	[illegible]		2.400	
	5.888		191			4.542		192		
	5.697		192			4.350		189		
	5.505		383			4.161		381		
7	17.090	5.697		2.788		13.053	4.351		2.781	
	6.938		230			4.138		217		
	6.708		227			3.921		216		
	6.481		457			3.705		433		
8	20.127	6.709		3.245		11.764	[illegible]		3.214	B.M. 101-121 (U.S. ,V-811, 1947)
										SUMMATION OF RUN B.M. 101-122 TO B.M. 101-121
										TOTAL BACKSIGHTS +52.111
										TOTAL FORESIGHTS −36.714
										DIFF IN ELEVATION +15.397 Good
		52.111					36.714			

F.B. 2411 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 BREEZE Inst. No. 50010
Notes by J. MOODY Time 10:15 to 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-121 To BM 101-122
Date 3-20-57
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	RERUN	DESCRIPTION AND REMARKS
	4106		221		#11	6900		225			BM 101-121 (U.S. V-811, 1947
	3885		217			6675		225			
	3668		438			6450		450			
1	11.659	3.886		.438	72°	20025	6.675		.450		G.E. DREIER
	4391		191			5737		194			
	4200		189			5543		192			
	4011		380			5351		386			
2	12.602	4.201		.818		16631	5.544		.836		
	4418		192			7210		192			
	4226		193			7018		191			
	4033		385			6827		383			
3	12.677	4.226		1.203		21055	7.018		1.219		
	6472		202			6951		203			
	6270		201			6748		201			
	6069		403			6547		404			
4	18.811	6.270		1.606		20246	6.749		1.623		
	4571		192			7497		194			
	4379		189			7303		192			
	4190		381			7111		386			
5	13140	4.380		1.987		21911	7.304		2.009		
		22.963					33.290				

12

F.B. 2411 P.G. 19

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 BREEZE Inst. No 50410
Notes by J. MOODY Time 10:15 to 10:50 Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From BM 101-121 To BM 101-122
Date 3-20-57
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	RERUN DESCRIPTION AND REMARKS
	4864	22.968	188	1987	-	6043	33.290	190	2009	
	4676		188			5853		188		
	4488		376			5665		378		
6	14.028	4.676		2363		17.561	5.854		2387	
	4807		190			7052		195		
	4617		189			6857		194		
	4428		379			6663		389		
7	13.852	4.617		2742		20.572	6.857		2776	
	4578		246			6227		235		BM 101-122 (U.S. ff. 487, 1955
	4332		244			5992		232		
	4088		490			5760		467		
8	12.998	4.333		3232		17.979	5.993		3243	
									3.232	
									6.475	
										SUMMATION OF RUN B.M. 101-121 TO B.M. 101-122
										total BACKSIGHT +36.593
										total FORE SIGHT -51.994
										DIFF. IN ELEV. -15.401
		36.593					51.994			

F.B. 2411 P.G. 20

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 BREEZE Inst. No. 50010
Notes by J. MOODY Time 11:20 to 12:00 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-122 To BM 101-121
Date 3-20-57
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	RERUN DESCRIPTION AND REMARKS
	6137		240		#11	4478		238		B.M. 101-122 (U.S. FF-487, 1955)
	5897		237			4240		237		
	5660		477			4003		475		
1	17.694	5.898		.477	75°	12.721	4.240		.476	
	7031		194			4787		192		T G.E. DREIER
	6837		193			4595		191		
	6644		387			4404		383		
2	20.512	6.837		.864		13.786	4.595		.858	
	6022		190			4845		189		
	5832		189			4656		188		
	5643		379			4468		377		
3	17.497	5.832		1.243		13.969	4.656		1.235	
	7152		193			4227		190		
	6959		191			4037		191		
	6768		384			3846		381		
4	20.879	6.960		1.627		12.110	4.037		1.616	
	7009		201			6532		202		
	6808		200			6330		201		
	6608		401			6129		403		
5	20.425	6.808		2.028		18.991	6.330		2.019	
		32.335					23.858			

F.B. 2411 P.G. 21

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 BREEZE Inst. No. 50010
Notes by J. MOODY Time 11:20 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-122 To B.M. 101-121
Date 3-20-57
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	RERUN DESCRIPTION AND REMARKS
	6993	32.335	195	2.028		4197	23.858	189	2.019	
	6798		195			4008		190		
	6603		390			3818		379		
6	20394	6.798		2.418		12023	4.008		2.398	
	5841		191			4498		191		
	5650		191			4307		190		
	5459		382			4117		381		
7	16950	5.650		2.800		12922	4.307		2.779	
	6971		228			4177		218		
	6743		226			3959		217		
	6517		454			3742		435		B.M. 101-121 (U.S. V-811, 1947)
8	20231	6.744		3.254		11878	3.959		3.214	

F.B. 2411 P.G. 22

SUMMATION OF RUN
B.M. 101-122 TO B.M. 101-121
TOTAL BACKSIGHTS +51.527
TOTAL FORESIGHTS −36.132
DIFF IN ELEVATION +15.395
Good

51.527 36.132

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 Inst. No 50010
Notes by J. Moody Time 1:15 to 2:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-122 To BM 101-123
Date 3-20-57
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
	2972		277		#11	6698		192		BM 101-122 (U.S. FC-487, 1955
	2695		276			6506		191		
	2419		553			6315		383		
1	8.086	2.695		.553	74°	19.519	6.506		.383	
	3413		196			6250		188		T G.E. DREIER
	3217		196			6062		186		
	3021		392			5876		374		
2	9.651	3.217		.945		18.188	6.063		.757	
	3837		184			6844		202		
	3653		181			6642		203		
	3472		365			6439		405		
3	10.962	3.654		1.310		19.925	6.642		1.162	
	4213		181			6698		202		
	4032		181			6496		204		
	3851		362			6292		406		
4	12.096	4.032		1.672		19.486	6.495		1.568	
	4117		187			6915		196		
	3930		187			6719		198		
	3743		374			6521		394		
5	11.790	3.930		2.046		20.155	6.718		1.962	
		17.528					32.424			

F.B. 2411 P.G. 23

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 [illegible] Inst. No. 50010
Notes by J. Moody Time 1:15 to 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 101-122 To BM 101-123
Date 3-20-57
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
	3767	17.528	189	2026		6289	32.424	196	1962	
	3578		187			6093		195		
	3391		376			5898		391		
6	10736	3.579		2422		18280	6.093		2353	
	4706		183			6767		199		
	4523		181			6568		197		
	4342		364			6371		396		
7	13571	4.524		2786		19706	6.569		2749	
	4397		190			6352		194		
	4207		189			6158		191		
	4018		379			5967		385		
8	12622	4.207		3165		18477	6.159		3134	
	3972		186			6358		196		
	3786		184			6162		195		
	3602		370			5967		391		
9	11360	3.787		3535		18487	6.162		3525	
	4207		190			6144		191		
	4017		189			5953		188		
	3828		379			5765		379		
10	12052	4.017		3914		17862	5.954		3904	
		37.642					63.361			

F.B. 2411 P.G. 24

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. DREIER Weather WIND Inst. No. 50010
Notes by J. MOODY Time 1:15 to 2:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-122 To BM101-123
Date 3-20-57
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
	4235	37.642	189	391		6260	63.361	188	390	
	4046		188			6072		187		
	3858		377			5885		375		
11	12139	4.046		4.291		18217	6.072		4.279	
	3785		207			6213		223		BM101-123 (U.S. U-811, 1947
	3578		207			5990		222		
	3371		414			5768		445		
12	10734	3.578		4.705		17971	5.990		4.724	
									4.705	
									9.429	
									0.61 mi	
										SUMMATION OF RUN BM101-122 TO BM101-123
										total BACKSIGHTS +45.266
										" FORE " -75.423
										DIFF IN ELE. -30.157
		45.266					75.423			

F.B. 2411 P.G. 25

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 Inst. No. 50010
Notes by J. MOODY Time 2:15 to 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-123 To BM 101-122
Date 3-20-57
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
	6088		218			3674		213		BM101-123 (U.S. 4-8-11, 1947
	5870		215			3461		212		
	5655		433			3249		425		
1	17.613	5.871		.433		10.394	3.461		.425	
	5932		185			3913		191		* G.E. DREIER
	5747		184			3722		191		
	5563		369			3531		382		
2	17.242	5.747		.802		11.166	3.722		.807	
	5540		187			3611		194		
	5353		186			3417		193		
	5167		373			3224		387		
3	16.060	5.353		1.175		10.252	3.417		1.194	
	5865		192			3489		190		
	5673		190			3299		190		
	5483		382			3109		380		
4	17.021	5.674		1.557		9.897	3.299		1.574	
	6383		192			4433		193		
	6191		192			4240		192		
	5999		384			4048		385		
5	18.573	6.191		1.941		12.721	4.240		1.959	
		28.836					18.139			

F.B. 2411 P.G. 26

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 Inst. No 50810
Notes by J. MOODY Time 2:15 to 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-123 To BM 101-122
Date 3-20-57
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
	6247	28.836	194	1.941		4201	18.139	190	1.959	
	6053		191			4011		190		
	5862		385			3821		380		
6	18.162	6.054		2.326		12.033	4.011		2.339	
	6273		189			3765		194		
	6084		187			3571		194		
	5897		376			3377		388		
7	18.254	6.085		2.702		10.713	3.571		2.727	
	6818		191			4031		194		
	6627		191			3837		194		
	6436		382			3643		388		
8	19.881	6.627		3.084		11.511	3.837		3.115	
	5951		192			3491		194		
	5759		191			3297		194		
	5568		383			3103		388		
9	17.278	5.759		3.467		9.891	3.297		3.503	
	6699		193			3709		192		
	6506		194			3517		189		
	6312		387			3328		381		
10	19.517	6.506		3.854		10.554	3.518		3.884	
		59.867					36.373			

F.B. 2411 P.G. 27

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 Inst. No 50010
Notes by J. MOODY Time 2:15 to 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From BM101-123 To BM101-122
Date 3-20-57
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
	6417	59.867	194	3.854		3567	36.373	191	3.884	
	6223		193			3376		188		
	6030		387			3188		379		
11	18.670	6.223		4.241		10.131	3.377		4.263	
	7788		249			3988		256		BM101-122 (U.S. FF-487, 1955
	7539		247			3732		253		
	7292		496			3479		509		
12	22619	7.540		4.737		11.199	3.733		4.772	
									4.737	
									9.509	
									0.61 mi	
										SUMMATION OF RUN
										B.M. 101-123 TO B.M. 101-122
										TOTAL BACKSIGHTS +73.630
										" FORE " -43.483
										DIFF IN ELEV. +30.147
		73.630					43.483			

F.B. 2411 P.G. 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 WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:40 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0 301.02
From B.M. 101-123 To B.M. 101-125
Date 3-22-57
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
	2.727		200		#11	5.628		191		B.M. 101-123 (U.S. U-811, 1947)
	2.527		198			5.437		189		
	2.329		398			5.248		380		
1	7.583	2.528		398	52°	16.313	5.438		380	
	3.387		193			7.358		191		
	3.194		191			7.167		191		R. J. MOODY
	3.003		384			6.976		382		
2	9.584	3.195		.782		21.501	7.167		.762	
	4.588		147			6.303		147		
	4.441		146			6.156		147		
	4.295		293			6.009		294		
3	13.324	4.441		1.075		18.468	6.156		1.056	+14.947
	4.912		130			7.535		132		-26.165
	4.782		127			7.403		128		-11.218
	4.655		257			7.275		260		
4	14.349	4.783		1.332		22.213	7.404		1.316	
		14.947					26.165		1.332	B.M. 101-124 (U.S. B-57, 1926
									2.648 = 0.17 mi	RESET 1955

F.B. 2411 PG. 29

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 WINDY CLEAR Inst. No 50010
Notes by G.E. DREIER Time 8:40 TO Rod No 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-123 To B.M. 101-125
Date 3-22-57
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
	5.706		200	1.332		6.559		192	1.316	
	5.506		198			6.367		190		
	5.308		398			6.177		382		
5	16.520	5.507		1.730		19.103	6.368		1.697	
	4.559		190			6.565		192		
	4.369		190			6.373		191		
	4.179		380			6.182		383		
6	13.107	4.369		2.110		19.120	6.373		2.080	
	3.718		191			6.595		190		
	3.527		193			6.405		190		
	3.334		384			6.215		380		
7	10.579	3.526		2.494		19.215	6.405		2.460	
	4.913		193			6.270		191		
	4.720		191			6.079		190		
	4.529		384			5.889		381		
8	14.162	4.721		2.878		18.238	6.079		2.841	
	2.513		191			6.272		194		
	2.322		187			6.078		193		
	2.135		378			5.885		387		
9	6.970	2.323		3.256		18.235	6.078		3.228	
		20.446					31.3[illegible]			

F.B. 2411 P.G. 30

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. 50010
Notes by G. E. DREIER Time 8:40 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 101-123 To B.M. 101-125
Date 3-22-57
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
	3.433	20.445	191	3.256		6.548	31.303	186	3.228	
	3.242		190			6.362		185		
	3.052		381			6.177		371		
10	9.727	3.242		3.637		19.087	6.362		3.599	
	3.722		190			4.628		193		
	3.532		190			4.435		190		
	3.342		380			4.245		383		
11	10.596	3.532		4.017		13.308	4.436		3.982	
	3.618		187			5.922		195		
	3.431		184			5.727		196		
	3.247		371			5.531		391		
12	10.296	3.432		4.388		17.180	5.727		4.373	
	4.168		194			6.581		189		
	3.974		191			6.392		185		
	3.783		385			6.207		374		
13	11.925	3.975		4.773		19.180	6.393		4.747	
	3.788		191			6.690		189		
	3.597		190			6.501		187		
	3.407		381			6.314		376		
14	10.792	3.597		5.154		19.505	6.502		5.128	
		38.225					60.723			

F.B. 2411 P.G. 31

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 CLOUDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:40 To 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-123 To B.M. 101-125
Date 3-22-57
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
	3.678	38.228	190	5.154		6.597	6.723	190	5.123	
	3.488		191			6.407		188		
	3.297		381			6.219		378		
15	10.463	3.488		5.535		19.223	6.408		5.501	
	3.299		190			7.015		194		
	3.109		189			6.821		192		
	2.920		379			6.629		386		
16	9.328	3.109		5.914		20.465	6.[illegible]2		5.887	
	4.228		196			5.878		187		
	4.032		194			5.691		184		
	3.838		390			5.508		371		
17	12.098	4.033		6.304		17.077	5.692		6.258	
	4.653		192			7.899		190		
	4.461		159			7.709		188		
	4.272		381			7.521		378		
18	13.386	4.462		6.685		23.129	7.7[illegible]5		6.636	
	3.557		184			6.425		199		
	3.373		182			6.226		198		
	3.191		366			6.028		397		
20	10.121	3.374		7.051		18.679	6.22[illegible]6		7.038	
		56.689					93.581			
		90								

F.B. 2411 P.G. 32

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. 50010
Notes by G.E.DREIER Time 8:40 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-123 To B.M. 101-125
Date 3-22-57
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
	4.579	56.689 90	120	7.051		6.849	93.581	137	7.033 4	+61.148 9
	4.459		120			6.712		134		-100.294
	4.339		240			6.578		271		-39.146 5
21	13.377	4.459		7.291		20.139	6.713		7.304 5	B.M. 101-125 (U.S. T-811, 1947)
		61.148 9					100.294		7.291	
									14.595 6 = .194 mi.	

F.B. 2411 P.G. 33

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. 50010
Notes by T. OHASHI Time 1:20 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-125 To BM 101-123
Date 3-22-57
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
	6788		133		#11	4522		123		BM 101-125 (U.S. T-811, 1947)
	6655		133			4399		123		
	6522		266			4276		246		
1	19965	6.655		266		13197	4.399		245	
	5893		188			3048		193		
	5705		186			2855		192		
	5519		374			2663		385		
2	17117	5.706		640		8566	2.855		631	
	7052		193			3808		196		
	6865		190			3616		189		
	6675		383			3429		379		
3	20598	6.866		1023		10855	3.618		1016	
	5733		186			4082		194		
	5547		185			3888		192		
	5362		371			3696		386		
4	16642	5.547		1394		11666	3.889		1396	
	6982		193			3277		189		
	6799		191			3088		187		
	6608		384			2901		376		
5	20399	6.800		1770		9266	3.088		1772	
		31.574					17.850			

F.B. 2411 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 WINDY & CLEAR Inst. No. 50010
Notes by T. OHASHI Time 1:20 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-125 To BM 101-123
Date 3-22-57
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
	6472	31.574	190	1778		3547	17.850	192	1772	
	6282		189			3355		190		
	6093		379			3165		382		
6	18847	6.282		2157		10067	3.356		2154	
	6742		187			3835		193		
	6555		190			3642		189		
	6365		377			3453		382		
7	19662	6.554		2534		10930	3.643		2536	
	6603		188			4188		193		
	6415		187			3995		192		
	6228		375			3803		385		
8.	19246	6.415		2959		11.986	3995		2921	
	5895		190			3601		192		
	5705		190			3409		191		
	5515		380			3218		383		
9.	17115	5.705		3287		10,228	3.409		3304	
	4562		191			3659		190		
	4371		189			3469		191		
	4182		380			3278		381		
10.	13115	4.372		3669		10466	3.469		3685	
		60.902					35.722			

F.B. 2411 P.G. 35

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 & [illegible] Inst. No 50010
Notes by G.E. DREIER Time 1:20 TO Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-125 To BM 101-123
Date 3-22-57
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
	6732	60.902	188	3669		3619	35.722	190	3685	
	6544		185			3429		188		
	6359		373			3241		378		
11	19635	6545		4042		10289	3430		4063	
	6.285		195			2.525		189		
	6.090		191			2.336		188		
	5.899		386			2.148		377		
12	18.274	6.091		4.428		7.009	2.336		4.440	
	5.608		195			4.252		193		
	5.413		192			4.059		191		
	5.221		387			3.868		384		
13	16.242	5.414		4.815		12.179	4.060		4.824	
	4993		190			2.123		195		
	4.803		190			1.928		196		
	4.613		380			1.732		391		
14	14.409	4.803		5.195		5.783	1.928		5215	
	5.923		191			3.919		192		
	5.732		191			3.727		192		
	5.541		382			3.535		384		
15	17.196	5.732		5.577		11.181	3.727		5.599	
		89.487					51.203			

F.B. 2411 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. E. DREIER Weather WINDY CLEAR Inst. No 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 101-125 To B.M. 101-123
Date 3-22-57
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
	6.557	89.487	191	5.577		5.707	51.203	199	5.599	+95.853
	6.366		190			5.508		196		-56.712
	6.176		381			5.312		395		+39.141
16	19.099	6.366		5.958		16.527	5.509		5.994	
		95.853					56.712			B.M. 101-124 (U.S. RESET 1953 B-57, 1926)
	7.612		129			4.990		129		
	7.483		127			4.861		127		
	7.356		256			4.734		256		
17	22.451	7.484		6.214		14.585	4.862		6250	
	6.527		149			4.815		149		
	6.378		146			4.666		148		
	6.232		295			4.518		297		
18	19.137	6.379		6.509		13.999	4.666		6.547	
	7.259		201			3.272		184		
	7.058		199			3.088		184		
	6.859		400			2.904		378		
19	21.176	7.059		6.909		9.264	3.088		6.925	
		20.922					12.616			

F.B. 2411 P.G. 37

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. 50010
Notes by G. E. DREIER Time 1:00 TO 3:27 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-125 To B.M. 101-123
Date 3-22-57
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
	5.818	20.922	191	6.909		2.919	12.616	198	6.925	+26.550
	5.627		189			2.721		196		-15.338
	5.438		188			2.525		394		+11.212
20	16.883	5.628				8.165	2.722			B.M. 101-123 (U.S.
		26.550					13.338			

F.B. 2411 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 Inst. No. 50010
Notes by J. MOODY Time 9:30 to 10:25 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-125 To BM101-126
Date 3-25-57
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
	4251		197		#11	6862		185		BM101-125 (U.S. T-811, 1947
	4054		195			6677		186		
	3859		392			6491		371		
1	12164	4.055		.392	75°	20030	6.677		.371	TGE DREIER
	4558		188			5847		195		
	4370		189			5652		191		
	4181		377			5461		386		
2	13109	4.370		.769		16960	5.653		.757	
	4699		194			6412		193		
	4505		193			6219		191		
	4312		387			6028		384		
3	13516	4.505		1.156		18659	6.220		1.141	
	3473		194			6439		188		
	3279		192			6251		188		
	3087		386			6063		376		
4	9839	3.280		1.542		18753	6.251		1.517	
	3382		185			5998		196		
	3197		186			5802		196		
	3011		371			5606		392		
5	9590	3.197		1.913		17406	5.802		1.909	
		19.407					30.603			

F.B. 2411 P.G. 39

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. 50010
Notes by J. MOODY Time 9:30 to 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-125 To BM101-126
Date 3-25-57
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
	3057	19.407'	1.89	1.913'		6566	20.603'	1.95	1.909'	
	2868		188			6371		196		
	2680		377'			6175		391'		
6	8.605'	2.868'		2.290'		19.112'	6.371'		2.300'	
	3472		195			7227		195		
	3277		196			7032		192		
	3081		391'			6840		387'		
7	9.830'	3.277'		2.681'		21.099'	7.033'		2.687'	SUMMATION of RUN BM101-125 to BM101-126
	3588		190			6265		186		total BACKSIGHTS +38.079'
	3398		189			6079		185		" FORE " -62.283'
	3209		379'			5894		371'		Diff in Elev. -24.204'
8	10.195'	3.398'		3.060'		18.238'	6.079'		3.058'	
	4898		127			5953		125		
	4771		125			5828		127		
	4646		252'			5701		252'		
9	14.315'	4.772'		3.312'		17.482'	5.827'		3.310'	
	4482		124			6497		128		BM101-126
	4358		126			6369		126		S.P.R.R. & AVE "K"
	4232		250'			6243		254'		
10	13.072'	4.357'		3.562'		19.409'	6.370'		3.564'	
		38.079'					62.283'		3.562'	
									7.126 = 0.46' mi	

F.B. 2411 P.G. 46

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 Inst. No. 50010
Notes by J. MOODY Time 2:10 to 3:00 Rod No. 11 & 12

Name L. A. CO. DRAINAGE LEVEL NET
Job No. 0301.02
From BM 101-126 To BM 101-125
Date 3-25-57
Indexed K. 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
	6374		128		#11	4358		126		BM 101-126
	6246		131			4232		124		S.P.R.R. & AVE "K"
	6115		259'			4108		250'		
1	18735'	6245'		259'	79°	12698'	4233'		250'	
	5886		124			4834		128		⊼ G.E. DREIER
	5762		124			4706		127		
	5638		248'			4579		255'		
2	17286'	5762'		507'		14119'	4706'		505'	
	6239		185			3563		191		
	6054		183			3372		189		
	5871		368'			3183		380'		
3	18164'	6055'		875'		10118'	3373'		885'	
	6679		188			2927		194		
	6491		190			2733		191		
	6301		378'			2542		385'		
4	19471'	6490'		1253'		8202'	2734'		1270'	
	6604		197			3092		186		
	6407		196			2906		187		
	6211		393'			2719		373'		
5	19222'	6407'		1646'		8717'	2906'		1643'	
		30959'					17952'			

F.B. 2411 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. [illegible] Weather Wind Inst. No. 50010
Notes by J. Moody Time 2:10 to 3:00 Rod No. 11 & 12

Name L. A. [illegible] LEVEL NET
Job No. 0301.02
From BM 101-126 To BM 101-125
Date 3-25-57
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
	6527	30959'	194	1646'		3921	17952'	193	1643'	
	6333		194			3728		195		
	6139		388'			3533		388'		
6	18999'	6.333'		2034'		11182'	3.727'		2031'	
	7678		189			4713		196		
	7489		188			4517		197		
	7301		377'			4320		393'		SUMMATION OF RUN
7	22468'	7.489'		2411'		13550'	4.517'		2424'	BM 101-126 to BM 101-125
	7138		196			5419		192		TOTAL BACKSIGHTS +64.210'
	6942		193			5227		194		" FORE " -40.019'
	6749		389'			5033		386'		DIFF IN ELEV. +24.191'
8	20829'	6.943'		2800'		15679'	5.226'		2810'	
	6002		189			4730		193		
	5813		188			4537		192		
	5625		377'			4345		385'		
9	17440'	5.813'		3177'		13612'	4.537'		3195'	
	6859		186			4257		198		BM 101-125 (U.S. T-811, 1947
	6673		186			4059		195		
	6487		372'			3864		393'		
10	20019'	6.673'		3549'		12180'	4.060'		3588'	
		64.210'					40.019'		3549'	
									7.137 = 0.46 mi	

F.B. 2411 P.G. 42

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 Part cloudy Inst. No. 50010
Notes by J. Moody Time 9:30 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM101-126 To BM101-125
Date 3-28-57
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
	6451		124		#11	4438		121		BM101-126
	6327		124			4317		124		S.P.R.R. & AVE "K"
	6203		248'			4193		245'		
1	18981'	6.327'		248'	71°	12948'	4.316'		245'	π G.E. DREIER
	5937		124			4882		123		
	5813		123			4759		123		
	5690		247'			4636		246'		
2	17440'	5.813'		495'		14277'	4.759'		491'	
	6255		183			3582		192		
	6072		183			3390		191		
	5889		366'			3199		383'		
3	18216'	6.072'		861'		10171'	3.390'		874'	
	6623		186			2877		195		
	6437		188			2682		193		
	6249		374'			2489		388'		
4	19309'	6.436'		1235'		8048'	2.683'		1262'	
	6343		197			2837		194		
	6146		198			2643		191		
	5948		395'			2452		385'		
5	18437'	6.146'		1630'		7932'	2.644'		1647'	
		30.794'					17.792'			

F.B. 2411 P.G. 43

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. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by J. MOORE Time 9:30 to 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-126 To BM 101-125
Date 3-28-57
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
	6219	30.794'	197	1630'		3607	[illegible]	187	1647'	
	6022		194			3420		188		
	5828		391'			3232		375'		
6	18069'	6.023'		2021'		10259'	3.420'		2022'	
	6806		188			3836		194		
	6618		188			3642		192		
	6430		376'			3450		386'		SUMMATION OF RUN
7	19854'	6.618'		2397'		10928'	3.643'		2408'	BM 101-126 to BM 101-125
	5003		200			3291		199		total BACKSIGHTS +61.861'
	4803		198			3092		198		" FORE " −37.674'
	4605		398'			2894		397'		DIFF IN ELEV. +24.187'
8	14411'	4.804'		2795'		9277'	3.092'		2805'	
	6407		196			5119		191		
	6211		194			4928		191		
	6017		390'			4737		382'		
9	18635'	6.212'		3185'		14784'	4.928'		3187'	
	7595		185			4990		200		BM 101-125 (U.S. T-811, 1947)
	7410		184			4799		200		
	7226		369'			4599		400'		
10	22231'	7.410'		3554'		14397	4.799'		3587'	
		61.861'					37.674'			

F.B. 2411 P.G. 44

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 Part Cloudy Inst. No. 50010
Notes by J. Moody Time 10:30 to 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-125 To BM 101-126
Date 3-28-57
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
	5419		190		#11	8037		195		BM 101-125 (U.S. T-811, 1947
	5229		191			7842		193		
	5038		381			7649		388		
1	15686	5229		381	79°	23528	7843		388	TGE DREIER
	5034		194			6313		192		
	4840		192			6121		192		
	4648		386			5929		384		
2	14522	4841		767		18363	6121		772	
	3353		196			5073		200		
	3157		198			4873		202		
	2959		394			4671		402		
3	9469	3156		1161		14617	4872		1174	
	4769		197			7730		187		
	4572		195			7543		187		
	4377		392			7356		374		
4	13718	4573		1553		22629	7543		1548	
	3562		190			6168		195		
	3372		190			5973		191		
	3182		380			5782		386		
5	10116	3373		1933		17923	5974		1934	
		21172					32353			

F.B. 2411 P.G. 45

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 Cl... Inst. No. 50010
Notes by J. Moody Time 10:30 to 11:3... Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-125 To BM 101-126
Date 3-28-57
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
	2827	21.172'	194	1933'		6330	32.353'	195	1934'	
	2633		193			6135		197		
	2440		387'			5938		392'		
6	7900'	2.633'		2320		18403'	6134'		2326	
	2826		194			6568		189		
	2632		193			6379		188		
	2439		387'			6191		377'		SUMMATION OF RUN
7	7.897'	2.632'		2707		19138'	6379'		2703	BM 101-125 to BM 101-126
	4567		191			7247		189		total BACKSIGHTS + 39.841'
	4376		190			7058		188		" FORE " - 64.018'
	4186		381'			6870		377'		DIFF IN ELEV. - 24.177'
8	13.129'	4376'		3088		21175'	7058'		3080	
	5158		129			6214		129		
	5029		128			6085		128		
	4901		257'			5957		257'		
9	15.088'	5.029'		3345		18256'	6085'		3337	
	4124		124			6132		123		BM 101-126
	4000		126			6009		123		S.P.R.R. ± AVE. "K"
	3874		250'			5886		246'		
10	11.998'	3.999'		3.595'		18027'	6009'		3583'	
		39.841'					6018'			

F.B. 2411 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 WIND Inst. No. 50010
Notes by J. MOODY Time 2:45 to 3:30 Rod No. 11812

Name L. A. CO. PRIMARY LEVEL NET
Job No. 0301-02
From BM101-125 To BM101-126
Date 3-28-57
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
	5412		.185		#11	8038		.196		BM101-125 (U.S. T-811, 1947
	5227		186			7842		195		
	5042		370'			7647		391'		
1	15,681'	5.227'		370'	83°	23,527'	7842'		391'	
	4827		.195			6099		188		TT G.E. DREIER
	4632		195			5911		188		
	4437		390'			5723		376'		
2	13,896'	4.632'		760'		17733'	5911'		.767	
	5271		.197			6983		194		
	5074		195			6789		193		
	4879		392'			6596		387'		
3	15224'	5.075'		1.152'		20368'	6.789'		1.154	
	4813		.194			7784		.191		
	4619		193			7593		190		
	4426		387'			7403		381'		
4	13858'	4.619'		1.539'		22780'	7.593'		1.535	
	3873		.190			6484		.198		
	3683		191			6286		96		
	3492		381'			6090		394'		
5	11.048'	3.683'		1.920'		18860'	6.287'		1.929'	
		23.236'					34.422'			

F.B. 2411 P.G. 47

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather WIND Inst. No. 50010
Notes by J. MOORY Time 2.45 to 3.30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM101-125 To BM101-126
Date 3-28-57
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
	2937	23.236'	189	1.920'		6445	34.422'	194	1.929'	
	2748		190			6251		193		
	2558		379'			6058		387'		
6	8.243'	2.748'		2299		18.754'	6.251'		2316	
	2801		192			6551		189		
	2609		192			6362		189		
	2417		384'			6173		378'		
7	7.827'	2.609'		2683		19.086'	6.362'		2694	SUMMATION OF RUN BM101-125 to BM101-126
	3702		194			6368		178		total BACKSIGHTS + 41.036'
	3508		195			6190		180		" FORE " - 65.225'
	3313		389'			6010		358'		Diff. IN ELEV. - 24.189'
8	10.523'	3.508'		3072		18.568'	6.189'		3052	
	4842		128			5893		124		
	4714		126			5769		122		
	4588		254'			5647		246'		
9	14.144'	4.715'		3326		17.309'	5.770'		3298	
	4340		120			6357		126		BM101-126
	4220		120			6231		127		S.P.R.R. & "K"
	4100		240'			6104		253'		
10	12.660'	4.220'		3566		18.692'	6.231'		3551'	
	41.036'					65.225'				

F.B. 2411 P.G. 48

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 50010
Notes by G. E. DREIER Time 10:25 TO Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-126 To BM 101-127
Date 3-25-57
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
	5.117		189		#11	6.902		194		B.M. 101-126
	4.928		189			6.708		191		S.P.RR. & AVE. K
	4.739		378			6.517		385		
1	14.784	4.928		.378	73°	20.127	6.709		.385	
	3.903		190			7.346		191		
	3.713		191			7.155		189		T J. MOODY
	3.522		381			6.966		380		
2	11.138	3.713		.759		21.467	7.156		.765	
	3.857		209			7.067		192		
	3.648		206			6.875		190		
	3.442		415			6.685		382		
3	10.947	3.649		1.174		20.627	6.876		1.147	
	4.717		194			7.098		191		
	4.523		191			6.907		190		
	4.332		385			6.717		381		
4	13.572	4.524		1.559		20.722	6.907		1.528	
	4.177		192			6.568		195		
	3.985		190			6.373		191		
	3.795		382			6.182		386		
5	11.957	3.986		1.941		19.123	6.374		1.914	
		20.800					34.022			

F.B. 2411 P.G. 49

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. 50010
Notes by G. E. DREIER Time 10:25 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-126 To B.M. 101-127
Date 3-25-57
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
	4.255	20.800	194	1.941		6.568	34.022	194	1.914	
	4.061		193			6.374		192		
	3.868		387			6.182		386		
6	12.184	4.061		2.328		19.124	6.[illegible]5		2.300	
	4.183		194			6.483		194		
	3.989		192			6.289		193		
	3.797		386			6.096		387		
7	11.969	3.990		2.714		18.868	6.[illegible]89		2.687	
	4.578		190			6.161		193		
	4.388		190			5.968		191		
	4.198		380			5.777		384		
8	13.164	4.388		3.094		17.906	5.[illegible]69		3.071	
	3.938		191			7.218		190		
	3.747		192			7.028		190		
	3.555		383			6.838		380		
9	11.240	3.747		3.477		21.084	7.028		3.451	
	4.569		126			6.795		147		
	4.443		124			6.648		146		
	4.319		250			6.502		293		
10	13.331	4.444		3.727		19.945	6.648		3.744	
		41.430					66.321			

F.B. 2411 P.G. 50

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 BREEZE CLEAR Inst. No 50010
Notes by G. E. DREIER Time 10:25 TO 11:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-126 To B.M. 101-127
Date 3-25-57
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
	4.815	4.430	128	3.727		5.361	5.331	126	3.744	
	4.687		127			5.235		126		
	4.560		255			5.109		252		B.M. 101-127 (U.S. S-811, 1947)
11	14.062	4.687		3.982	79°	15.705	5.235		3.996	
									3.982	
									7.978	
									= 0.51 mi	
										SUMMATION OF RUN
										B.M. 101-126 TO B.M. 101-127
										TOTAL BACKSIGHTS + 46.117
										TOTAL FORESIGHTS - 71.566
										DIFF IN ELEVATION - 25.449
										F.B. 2411 P.G. 51
		46.117					71.566			

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. 50010
Notes by G. E. DREIER Time 11:45 T.O. Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-126
Date 3-25-57
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
	5.405		126			4.862		125		B.M. 101-127 (U.S. S-811, 1947)
	5.279		125			4.737		128		
	5.154		251			4.609		253		
1	15.838	5.279		.251	79°	14.208	4.736		.253	
	6.708		141			4.492		131		
	6.567		141			4.361		130		
	6.426		282			4.231		261		
2	19.701	6.567		.533		13.084	4.361		.514	
	7.272		190			3.992		193		
	7.082		190			3.799		191		
	6.892		380			3.608		384		
3	21.246	7.082		.913		11.399	3.800		.898	
	6.084		193			4.492		190		
	5.891		190			4.302		191		
	5.701		383			4.111		381		
4	17.676	5.892		1.296		12.905	4.302		1.279	
	6.442		195			4.142		194		
	6.247		194			3.948		193		
	6.053		389			3.755		387		
5	18.742	6.247		1.685		11.845	3.948		1.666	
		31.067					21.147			

F.B. 2411 P.G. 52

TT J. MOODY

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 WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-126
Date 3-25-57
Indexed A. 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
	6.668	31.067	193	1.685		4.358	21.147	194	1.666	
	6.475		192			4.164		193		
	6.283		385			3.971		387		
6	19.426	6.475		2.070		12.493	4.164		2.053	
	6.577		192			4.192		193		
	6.385		192			3.999		191		
	6.193		384			3.808		384		
7	19.155	6.385		2.454		11.999	4.000		2.437	
	7.181		193			4.792		193		
	6.988		189			4.599		191		
	6.799		382			4.408		384		
8	20.968	6.989		2.836		13.799	4.600		2.821	
	7.021		194			3.808		206		
	6.827		192			3.602		204		
	6.635		386			3.398		410		
9	20.483	6.828		3.222		10.808	3.603		3.231	
	7.378		189			3.941		193		
	7.189		188			3.748		193		
	7.001		377			3.555		386		
10	21.568	7.189		3.599		11.244	3.748		3.617	
		64.933					41.262			

F.B. 2411 P.G. 53

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 WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-126
Date 3-25-57
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
	6.497	6.4933	195	3.599		4.719	4.262	188	3.617	
	6.302		194			4.531		189		
	6.108		389			4.342		377		B.M. 101-126
11	18.907	6.302		3.988		13.592	4.531		3.994	S.P.R.R. & AVE. K
										SUMMATION OF RUN
										B.M. 101-127 TO B.M. 101-126
										TOTAL BACKSIGHTS +71.235
										TOTAL FORESIGHTS - 45.793
										DIFF IN ELEVATION + 25.442
		71.235					45.793			

F.B. 2411 PG. 54

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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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 Inst. No 50010
Notes by G. E. DREIER Time 9.00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-26-57
Indexed K. 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
	4.476		191		#11	5.887		193		B.M. 101-127 (U.S. S-811, 1947 RESET 1955)
	4.285		187			5.694		192		
	4.098		378			5.502		385		S.P.R.R., 130± S. OF AVE J-8
1	12.859	4.286		.378	66°	17.083	5.694		.385	
	4.168		191			6.611		193		
	3.977		189			6.418		191		
	3.788		380			6.227		384		
2	11.933	3.978		.758		19.256	6.419		.769	
	4.251		192			6.089		191		
	4.059		191			5.898		191		
	3.868		383			5.707		382		
3	12.178	4.059		1.141		17.694	5.898		1.151	
	4.048		191			5.202		197		
	3.857		189			5.005		196		
	3.668		380			4.809		393		
4	11.573	3.858		1.521		15.016	5.005		1.544	
	3.623		196			5.211		193		
	3.432		193			5.018		190		
	3.239		389			4.828		383		
5	10.299	3.433		1.910		15.057	5.019		1.927	
		19.614					28.035			

F.B. 2411 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. [illegible] Weather PART [illegible] Y Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:[illegible] Rod No. 11[illegible]12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-26-57
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
	3.9[illegible]7	19.614	192	1.910		7.911	[illegible]35	189	1.927	
	3.725		189			7.722		189		
	3.536		381			7.533		378		
6	11.178	3.726		2.291		23.166	[illegible]22		2.305	
	5.962		191			7.770		191		
	5.771		189			7.579		191		
	5.582		380			7.388		382		
7	17.315	5.772		2.671		22.737	[illegible]79		2.687	
	6.395		193			9.099		190		
	6.202		190			8.909		190		
	6.012		383			8.719		380		
8	18.609	6.203		3.054		26.727	8[illegible]9		5.067	
	7.916		188			6.416		190		
	7.728		190			6.226		189		
	7.538		378			6.037		379		
9	23.182	7.727		3.433		18.679	6[illegible]6		3.445	
	4.520		147			5.005		147		
	4.373		145			4.858		146		
	4.228		292			4.712		293		
10	13.121	4.374		3.724		14.575	4.858		3.739	
		47.416					63.329			

F.B. 2411 P.G. 56

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 Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-26-57
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
	3.878	47.416	150	3.724		5.198	63.329	150	3.739	B.M. 101-128
	3.728		149			5.048		150		S.P.R.R. & AVE J.
	3.579		299			4.898		300		
11	11.185	3.728		4.023		15.144	5.048		4.039	
									4.023	
									8.062	
									-0.52 m	
										SUMMATION OF RUN
										B.M. 101-127 TO B.M. 101-128
										TOTAL BACKSIGHTS + 51.144
										TOTAL FORESIGHTS - 68.377
										DIFF IN ELEVATION - 17.233
		51.144					68.377			

F.B. 2411 P.G. 57

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. [illegible] Weather PART [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 1:35 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-26-57
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
	4.696		149		#11	3.387		156		BM. 101-128
	4.547		149			3.231		154		S.P.R.R. & AVE. J.
	4.398		298			3.077		310		
1	13.641	4.547		.298		9.695	[illegible]		.310	
	5.015		147			4.531		148		
	4.868		147			4.383		145		T J. Moody
	4.721		294			4.238		293		
2	14.604	4.868		.592		13.152	4.384		.603	
	6.312		189			7.818		190		
	6.123		188			7.628		189		
	5.935		377			7.439		379		
3	18.370	6.123		.969		22.885	7.628		.982	
	8.655		192			5.945		190		
	8.463		191			5.755		190		
	8.272		383			5.565		380		
4	25.390	8.463		1.362		17.265	[illegible]		1.362	
	7.752		191			5.940		191		
	7.561		190			5.749		189		
	7.371		381			5.560		380		
5	22.684	7.561		1.733		17.249	[illegible]		1.742	
		31.562					26.[illegible]49			

F.B. 2411 P.G. 58

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather SCATTERED CLOUDS Inst. No. 50610
Notes by G. E. DREIER Time 1:35 TO 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-26-57
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
	7.897	31.562	189	1.733		3.892	26.749	190	1.742	
	7.708		187			3.702		188		
	7.521		376			3.514		378		
6	23.126	7.709		2.109		11.108	3.703		2.120	
	5.227		190			3.640		196		
	5.037		189			3.444		192		
	4.848		379			3.252		388		
7	15.112	5.037		2.488		10.336	3.445		2.508	
	5.231		196			4.070		191		
	5.035		198			3.879		189		
	4.837		394			3.690		380		
8	15.103	5.034		2.882		11.639	3.880		2.888	
	6.088		193			4.249		191		
	5.895		190			4.058		191		
	5.705		383			3.867		382		
9	17.688	5.896		3.265		12.174	4.058		3.270	
	6.589		192			4.153		191		
	6.397		193			3.962		188		
	6.204		385			3.774		379		
10	19.190	6.397		3.650		11.889	3.963		3.649	
		61.635					45.798			

F.B. 2411 P.G. 59

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. 50010
Notes by G. E. DREIER Time 1.35 TO 2.40 Rod No. 11 & 12

Name L. A. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-26-57
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
	6.011	61.635	192	3.650		4.598	45.798	190	3.649	
	5.819		190			4.408		186		
	5.629		382			4.222		376		
11	17.459	5.820		4.032	77°	13.228	4.409		4.025	B.M. 101-127 (U.S. S-811 1947 RESET 1955)
									4.032	S.P.R.R., 130± FT S. OF AVE J-8
									8.057	
									=0.52 mi.	
										SUMMATION OF RUN
										B.M. 101-128 TO B.M.
										TOTAL BACKSIGHTS +67.455
										TOTAL FORESIGHTS -50.207
										DIFF IN ELEVATION +17.248
		67455					50.207			

F.B. 2411 P.G. 60

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. 50010
Notes by G. E. DREIER Time 9:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-27-57
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	RERUN	DESCRIPTION AND REMARKS
	4.478		190			5.893		192			B.M. 101-127 (U.S. S-811 1947 RESET 1955)
	4.288		190			5.701		189			
	4.098		380			5.512		381			S.P.R.R., 130± FT. S. OF AVE J-8
1	12.864	4.288		.380		17.106	5.702		.381		
	4.175		191			6.616		194			
	3.984		190			6.422		190			
	3.794		381			6.232		384			T J. MOODY
2	11.953	3.984		.761		19.270	6.423		.765		
	4.218		193			6.059		191			
	4.025		191			5.868		190			
	3.834		384			5.678		381			
3	12.077	4.026		1.145		17.605	5.868		1.146		
	4.602		191			5.758		191			
	4.411		192			5.567		190			
	4.219		383			5.377		381			
4	13.232	4.411		1.528		16.702	5.567		1.527		
	4.303		191			5.896		194			
	4.112		190			5.702		190			
	3.922		381			5.512		384			
5	12.337	4.112		1.909		17.110	5.703		1.911		
		20.821					29.263				

F.B. 2411 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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-27-57
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	RERUN DESCRIPTION AND REMARKS
	4.127	20.821	190	1.909		8.125	2[illegible].263	189	1.911	
	3.937		190			7.936		187		
	3.747		380			7.749		376		
6	11.811	3.937		2.289		23.810	7.[illegible]37		2.287	
	5.977		192			7.793		192		
	5.785		188			7.601		190		
	5.597		380			7.411		382		
7	17.359	5.786		2.669		22.805	7.602		2.669	
	5.939		190			8.649		191		
	5.749		190			8.458		189		
	5.559		380			8.269		380		
8	17.247	5.749		3.049		25.376	8.459		3.049	
	7.901		189			6.402		191		
	7.712		189			6.211		189		
	7.523		378			6.022		380		
9	23.136	7.712		3.427		18.635	6.[illegible]12		3.429	
	4.532		147			5.015		147		
	4.385		146			4.868		146		
	4.239		293			4.722		293		
10	13.156	4.385		3.720		14.605	4.868		3.722	
		48.396					64.341			

F.B. 2411 P.G. 62

76P526 S & E #379 1-54

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 7:30 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-127 To B.M. 101-128
Date 3-27-57
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	RERUN DESCRIPTION AND REMARKS
	3,803	48.390	150	3.720		5.122	64.341	151	3.722	
	3.653		150			4.971		148		
	3.503		300			4.823		299		B.M. 101-128
11	10.959	3.653		4.020		14.916	4.972		4.021	S.P.R.R. & AVE. J.
		52.043					69.313			

SUMMATION OF RUN
B.M. 101-126 TO B.M. 101-127
TOTAL BACKSIGHTS +52.043
TOTAL FORESIGHTS -69.313
DIFF IN ELEVATION -17.270

F.B. 2411 P.G. 63

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:40 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-24-57
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	RERUN	DESCRIPTION AND REMARKS
	4.797		150		#11	3.487		152			B.M. 101-128
	4.647		149			3.335		153			S.P.R.R. & AVE. J
	4.498		299			3.182		305			
1	13.943	4.648		.299		10.004	3.335		.305		
	4.972		147			4.482		145			
	4.825		146			4.337		148			⊼ J. Moody
	4.679		293			4.189		293			
2	14.476	4.825		.592		13.008	4.336		.598		
	6.391		190			7.892		188			
	6.201		189			7.704		188			
	6.012		379			7.516		376			
3	18.604	6.201		.971		23.112	7.704		.974		
	8.951		192			6.243		194			
	8.759		188			6.049		190			
	8.571		380			5.859		384			
4	26.281	8.760		1.351		18.151	6.050		1.358		
	7.711		193			5.898		190			
	7.518		191			5.708		190			
	7.327		384			5.518		380			
5	22.556	7.519		1.735		17.124	5.708		1.738		
		31.958					22.133				

F.B. 2411 P.G. 64

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-27-57
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	RERUN	DESCRIPTION AND REMARKS
	7.910	31.958	189	1.735		3.908	27.133	190	1.738		
	7.721		188			3.718		189			
	7.533		377			3.529		379			
6	23.164	7.721		2.112		11.155	3.718		2.117		
	5.178		190			3.589		194			
	4.988		190			3.395		194			
	4.798		380			3.201		388			
7	14.964	4.988		2.492		10.185	3.395		2.505		
	5.129		193			3.978		196			
	4.936		190			3.782		193			
	4.746		383			3.589		389			
8	14.811	4.937		2.875		11.349	3.783		2.894		
	6.022		191			4.189		193			
	5.831		192			3.996		191			
	5.639		383			3.805		384			
9	17.492	5.831		3.258		11.990	3.997		3.278		
	6.491		193			4.049		190			
	6.298		191			3.859		191			
	6.107		384			3.668		381			
10	18.896	6.299		3.642		11.576	3.859		3.659		
		61.728 / 8					45.885				

F.B. 2411 P.G. 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 G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:40 TO Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-127
Date 3-27-57
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	RERUN DESCRIPTION AND REMARKS
	5.941	61.728	192	3.642		4.528	4.385	190	3.659	
	5.749		188			4.338		189		
	5.561		380			4.149		379		B.M. 101-127 (W.S. S-811, 1947, RESET 1955)
11	17.251	5.750		4.022		13.015	4.338		4.038	
										S.P.R.R. 130± FT. S. OF AVE J-8

SUMMATION OF RUN
B.M. 101-128 TO B.M. 101-127
TOTAL BACKSIGHTS + 67.478
TOTAL FORESIGHTS - 50.224
DIFF IN ELEVATION + 17.255

F.B. 2411 P.G. 66

67.478 50.224

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 ..... Weather BREEZE ..... Inst. No. 50010
Notes by J. Moody ..... Time 8:45 to 9:30 ..... Rod No. 11 & 12

Name .....
Job No. 0301.02
From BM101-127 To BM101-128
Date 3-29-57
Indexed K. 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
										RERUN
	4347		189		#11	5759		191		BM101-128 (U.S. 5,811, 1947
	4158		188			5568		191		
	3970		377			5377		382		
1	12475	4158		377	66°	16704	5568		382	TT G.E. DREIER
	4165		191			6602		192		
	3974		190			6410		192		
	3784		381			6218		384		
2	11923	3974		758		19230	6410		766	
	4310		192			6148		192		
	4118		191			5956		189		
	3927		383			5767		381		
3	12355	4118		1141		17871	5957		1147	
	4721		191			5871		192		
	4530		191			5679		191		
	4339		382			5488		383		
4	13590	4530		1523		17038	5679		1530	
	4387		190			5978		191		
	4197		190			5787		191		
	4007		380			5596		382		
5	12591	4197		1903		17361	5787		1912	
		20977					29401			

F.B. 2411 P.G. 67

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 BREEZY Inst. No. 50010
Notes by J. MOODY Time 8:45 to 9:30 Rod No. 11 & 12

Name
Job No. 0301.02
From BM 101-127 To BM 101-128
Date 3-29-57
Indexed K. 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	RERUN DESCRIPTION AND REMARKS
	3811	20.977	188	1903		7813	[illegible]	189	1912	
	3627		189			7624		189		
	3438		377			7435		378		
6	10.880	3.627		2280		22872	7.624		2290	
	6084		190			7892		190		
	5894		189			7702		190		
	5705		379			7512		380		
7	17683	5.894		2659		23106	[illegible]		2670	
	6662		191			9369		191		
	6471		191			9178		189		
	6280		382			8989		380		
8	19413	6.471		3041		27536	9.179		3050	
	8030		190			6735		196		
	7840		188			6539		193		
	7652		378			6346		389		
9	23522	7.841		3419		19620	6.540		3439	
	4.770		152			5.047		148		
	4.618		151			4.899		144		
	4.467		303			4.755		292		
10	13.855	4.618		3.722		14.701	4.900		3.731	
		49.428					65.348			

F.B. 2411 P.G. 68

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 [illegible] Weather BREEZE Inst. No. 50010
Notes by J. MOODY Time 8:30 to 9:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-127 To B.M. 101-128
Date 3-29-57
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	RERUN DESCRIPTION AND REMARKS
	3763	49.428	154	37~~44~~ 22		5069	65.34X 6	146	37~~42~~ 31	
	3609		156			4923		143		
	3453		310			4780		289		
11	10.825	3.608		4.0~~34~~ 32		14772	4.924		40~~34~~ 20	B.M. 101-128
										S.P.R.R. & AVE. J
										SUMMATION OF RUN
										B.M. 101-127 TO B.M. 101-128
										TOTAL BACKSIGHTS +53.036
										TOTAL FORESIGHTS - 70.2~~65~~ 70
										DIFF IN ELEVATION - 17.2~~29~~ 34
										F.B. 2411 P.G. 69
		53.036					70.2~~65~~ 70			

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 BREE Inst. No. 50010
Notes by J. MOODY Time 11:00 to 11:50 Rod No. 11 & 12

Name [illegible]
Job No.
From B.M. 101-128 To B.M. 101-127
Date
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
	5132		149		#11	3821		150		BM 101-128
	4983		150			3671		150		S.P.R.R. & AVE "J"
	4833		299'			3521		300'		
1	14948'	4983'		299'	75°	11013'	3671'		300'	T G.E. DREIER
	5039		146			4556		147		
	4893		144			4409		147		
	4749		290'			4262		294'		
2	14681'	4894'		589'		13227'	4409'		594'	
	6303		187			7812		190		
	6116		188			7622		190		
	5928		375'			7432		380'		
3	18347'	6116'		964'		22866'	7622'		974'	
	9418		191			6708		191		
	9227		190			6517		190		
	9037		381'			6327		381'		
4	27682'	9227'		1345'		19552'	6517'		1355'	
	7971		188			6168		192		
	7783		189			5976		189		
	7594		377'			5787		381'		
5	23348'	7783		1722'		17931'	5977'		1736'	
	33003'					28196'				

F.B. 2411 P.G. 70

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 E. DREIER Weather BREEZE Inst. No 50010
Notes by J. MOODY Time 11:00 to 11:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-128 To BM101-127
Date 3-29-57
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
	8220	33.003	.189	1.722		4221	28.196	.188	1.736	
	8031		.187			4033		.186		
	7844		376			3847		374		
6	24095	8.032		2.098		12101	4.034		2.110	
	5948		.190			4361		.192		
	5758		.190			4169		.191		
	5568		380			3978		383		
7	17274	5.758		2.478		12508	4.169		2.493	
	5840		.192			4689		.192		
	5648		.190			4497		.191		
	5458		382			4306		383		
8	16946	5.649		2.860		13492	4.497		2.876	
	6139		.191			4303		.191		
	5948		.192			4112		.191		
	5756		383			3921		382		
9	17843	5.948		3.243		12336	4.112		3.258	
	6606	5.939	.195			4160		.187		
	6411		.194			3973		.186		
	6217		389			3787		373		
10	19234	6.411		3.632		11920	3.973		3.631	
		64.801					48.981			

F.B. 2411 P.G. 71

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 BREEZE Inst. No. 50010
Notes by J. MOORY Time 11:00 to 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-128 To BM 101-127
Date 3-29-57
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
	5984	64.801	192	3632		4571	4.981	190	3631	BM101-127(4.5 S-811.1947
	5792		189			4381		189		
	5603		381			4192		379		
11	17379	5.793		4013		13144	4.381		4010	
										SUMMATION of RUN
										BM101-128 to BM 101-127
										Total BACKSIGHTS + 70.594
										" FORE " - 53.362
										DIFF IN ELEV + 17.232
		70.594					53.362			

F.B. 2411 P.G. 72

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 [illegible] Weather PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 10:40 to 11:30 Rod No. 11 & 12

Name L. A. CO. [illegible] NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-130
Date 3-26-57
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
	2563		191		#11	6145		198		BM. 101-128
	2372		190			5947		195		S.P.R.R. & AVE. J
	2182		381			5752		393		
1	7117	2372		.381	76°	17844	5948		.393	
	4412		185			6373		182		⊼ G.E. DREIER
	4227		185			6191		184		
	4042		370			6007		366		
2	12681	4227		.751		18571	6190		.759	
	5299		190			6349		191		
	5109		190			6158		190		
	4919		380			5968		381		
3	15327	5109		1.131		18475	6158		1.140	
	4252		191			6598		190		
	4061		190			6408		190		
	3871		381			6218		380		
4	12184	4061		1.512		19224	6408		1.520	
	5051		192			6458		192		
	4859		191			6266		193		
	4668		383			6073		385		
5	14578	4859		1.895		18797	6266		1.905	
		20628					30970			

F.B. 2411 P.G. 73

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 [illegible] Weather Part cloudy Inst. No. 50010
Notes by J. Moody Time 10:40 to 11:3[illegible] Rod No. 11 & 12

Name L. A. C[illegible] LEVEL NET
Job No. 0301.02
From BM 101-128 To BM 101-130
Date 3-26-57
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
	4463	20,628	189	1895		6838	30,970	191	1905	
	4274		189			6647		194		
	4085		378			6453		385		
6	12822	4274		2273		19938	6646		2290	
	4854		207			8671		209		
	4647		207			8462		210		
	4440		414			8252		419		BM 101-128 to BM 101-129
7	13941	4.647		2687		25385	8462		2709	BACKSIGHTS +41.095
	5577		209			6453		205		fore " -59.834
	5368		206			6248		205		Diff IN ELEV. -18.739
	5162		415			6043		410		
8	16107	5369		3102		18744	6248		3119	
	6278		101			7604		097		
	6177		100			7507		095		
	6077		201			7412		192		
9	18532	6177		3303		22525	7508		3311	
	6804	41.095	090			5890	59.834	093		BM 101-129 (U.S. 2137, A-57, 1936
	6714		088			5797		092		+6.715
	6626		178			5705		185		-5.797
10	20144	6.715		3481		17392	5.797		3496	+0.918 BM 101-130 (U.S. G-487, 1955
									3481	
									6.977 = 0.45 Mi	

F.B. 2411 P.G. 74

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. Weather PART CLOUDY Inst. No 50010
Notes by J. MOODY (T. G. E. DREIER) Time 11:30 to 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-130 To BM 101-128
Date 3-26-57
Indexed K. 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
	5966		093		#11	6882		090		BM 101-130 (U.S. G-487,1955
	5873		092			6792		090		+5.873
	5781		185			6702		180		-6.792
1	17620	5.873		185	72°	20376	6.792		180	-0.919
	7667		099			6329		093		BM 101-129 (U.S. 2137, A-57,1926
	7568		098			6236		094		
	7470		197			6142		187		
2	22705	7.568		382		18707	6.236		367	
	6382		203			5505		208		
	6179		202			5297		207		
	5977		405			5090		415		
3	18538	6.179		787		15892	5.297		782	
	7563		206			3744		207		
	7357		207			3537		207		
	7150		413			3330		414		
4	22070	7.357		1200		10611	3.537		1196	
	6780		190			4409		191		
	6590		189			4218		190		
	6401		379			4028		381		
5	19771	6.590		1579		12655	4.218		1577	
		27694					19288			

F.B. 2411 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 Part cloudy Inst. No. 50010
Notes by J. MOODY Time 11:30 to 1:13 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-130 To BM 101-128
Date 3-26-57
Indexed K. 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
	6337	27.694	193	1579		4931	19.288	191	1577	
	6144		191			4740		190		
	5953		384			4550		381		
6	18434	6.145		1963		14221	4.746		1958	
	6654		190			4308		194		
	6464		187			4114		191		
	6277		377			3923		385		
7	19395	6.465		2340		12345	4.115		2343	+59.294
	6257		190			5205		192		-40.543
	6067		189			5013		189		+18.751
	5878		379			4824		381		
8	18202	6.067		2719		15042	5.014		2724	
	6418		185			4453		185		
	6233		184			4268		181		
	6049		369			4087		366		
9	18700	6.233		3088		12808	4.269		3090	
	6882		192			3310		193		BM 101-128
	6690		192			3117		192		S P.R.R. & AVE "J"
	6498		384			2925		385		
10	20070	6.690		3472		9352	3.117		3475	
		59.294					40.543			

F.B. 2411 P.G. 76

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. 50010
Notes by J. MOODY Time 11:00 TO 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-130
Date 3-27-57
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	RERUN DESCRIPTION AND REMARKS
	3150		191		#11	6728		193		B.M. 101-128
	2959		190			6535		189		S.P.R.R. & AVE. J
	2769		381			6346		382		
1	8878	2.959		381	73°	19609	6.536		382	
	4518		185			6488		185		
	4333		184			6303		185		
	4149		369			6118		370		↑ G.E. DREIER
2	13000	4.333		750		18909	6.303		752	
	5250		191			6298		191		
	5059		190			6107		191		
	4869		381			5916		382		
3	15178	5.059		1131		18321	6.107		1134	
	4202		192			6554		192		
	4010		191			6362		190		
	3819		383			6172		382		
4	12031	4.010		1514		19088	6.363		1516	
	4967	4.966	190			6377	5.309	191		
	4777		189			6186		193		
	4588		379			5993		384		
5	14332	4.777		1893		18556	6.185		1900	
		21.138					31.494			

F.B. 2411 P.G. 77

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 B. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 1100 TO 1145 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-128 To B.M. 101-130
Date 3-27-57
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	RERUN DESCRIPTION AND REMARKS
	4465	21.138	193	1893		6837	31.494	190	1900	
	4272		191			6647		189		
	4081		384			6458		379		
6	12.818	4.273		2277		19942	6.647		2279	
	3631		208			7450		208		+40.223
	3423		206			7242		205		-58.986
	3217		414			7037		413		-18.763
7	10.271	3.424		2691		21729	7.243		2692	
	5283		206			6166		207		
	5077		206			5959		206		
	4871		412			5753		413		
8	15231	5.077		3103		17878	5.959		3105	
	6403		092			7737		095		
	6311		092			7642		092		
	6219		184			7550		187		B.M. 101-129 (U.S. 2137, A-57 1926
9	18.933	6.311		3287		23929	7.643		3292	IN SHELL OIL DIST. YARD
	6968	40.223	089			6056	58.986	093		6.879
	6879		088			5963		092		5.963
	6791		177			5871		185		0.916
10	20638	6.879		3464		17890	5.963		3477	B.M. 101-130 (U.S. G-487, 1955)

F.B. 2411 P.G. 78

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. 50010
Notes by J. Moody Time 11.45 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-130 To BM 101-128
Date 3-27-57
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
	5965		093			6878		089		BM 101-130 (U.S. G-487, 1955
	5872		093			6789		088		+5.872
	5779		186			6701		177		-6.789
1	17616	5872		.186		20368	6.789		.177	-0.917
	7602		094			6271		096		BM 101-129 (U.S. 2137, A-57, 1926
	7508		096			6175		096		
	7412		190			6079		192		⊼ G.E. DREIER
2	22522	7507		.376		18525	6.175		.369	
	6170		202			5295		209		
	5968		202			5086		209		
	5766		404			4877		418		
3	17904	5968		.780		15258	5.086		.787	
	7272		205			3458		210		
	7067		207			3248		208		
	6860		412			3039		418		
4	21199	7.066		1192		9745	3.248		1205	
	6862		189			4491		192		
	6673		189			4299		191		
	6484		378			4108		383		
5	20019	6.673		1.570		12898	4.299		1588	
		27.214					18.808			

F.B. 2411 P.G. 79

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. 52010
Notes by J. MOODY Time 11:30 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-130 To BM 101-128
Date 3-27-57
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
	6311	27.214'	192	1.570'		4907	18.888'	190	1.588'	
	6119		191			4717		189		
	5928		383'			4528		379'		
6	18.358'	6.119'		1.953'		14.152'	4.717'		1.967'	
	6628		191			4282		192		
	6437		190			4090		192		
	6247		381'			3898		384'		
7	19.312'	6.437'		2.334'		12.270'	4.090'		2.351'	
	6441		191			5394		191		+ 58.912'
	6250		191			5203		190		- 40.175'
	6059		382'			5013		381'		+ 18.737'
8	18.750'	6.250'		2.716'		15.610'	5.203'		2.732'	
	6403		189			4432		181		
	6214		186			4251		181		
	6028		375'			4070		362'		
9	18.645'	6.215'		3.091'		12.753'	4.251'		3.094'	
	6868		191			3297		191		BM 101-128
	6677		190			3106		191		S.P.R.R. & AVE "J"
	6487		381'			2915		382'		
10	20.032'	6.677'		3.472'		9.318'	3.106'		3.476'	
		58.912'					40.175'			

F.B. 2411 P.G. 80

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 BREEZE SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:35 TO 10:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-128 To B.M. 101-130
Date 3-29-57
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
	3.411		193		#11	6.979		191		B.M. 101-128
	3.218		190			6.788		191		S.P. RR. & AVE. J
	3.028		383			6.597		382		
1	9.657	3.219		.383	70°	20.364	6.788		.382	
	4.502		185			6.468		185		
	4.317		185			6.283		184		⊼ J. MOODY
	4.132		370			6.099		369		
2	12.951	4.317		.753		18.850	6.283		.751	
	5.221		192			6.266		191		
	5.029		189			6.075		190		
	4.840		381			5.885		381		
3	15.090	5.030		1.134		18.226	6.075		1.132	
	4.337		194			6.682		191		
	4.143		190			6.491		190		
	3.953		384			6.301		381		
4	12.433	4.144		1.518		19.474	6.491		1.513	
	4.788		190			6.195		193		
	4.598		190			6.002		190		
	4.408		380			5.812		383		
5	13.794	4.598		1.898		18.009	6.003		1.896	
		21.308					31.640			

F.B. 2411 P.G. 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 WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:35 TO 10:30 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-128 To B.M. 101-130
Date 3-29-57
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
	4.539	21.308	191	1.898		6.916	31640	193	1.896	
	4.348		191			6.723		189		
	4.157		382			6.534		382		
6	13.044	4.348		2.280		20.173	6.724		2.278	
	3.681		210			7.498		206		
	3.471		208			7.292		207		
	3.263		418			7.085		413		
7	10.415	3.472		2.698		21.875	7.292		2.691	
	5.417		209			6.292		205		+40.132
	5.208		207			6.087		204		-58.870
	5.001		416			5.883		409		-18.738
8	15.626	5.209		3.114		18.262	6.087		3.100	
	5.901		106			7.225		098		
	5.795		106			7.127		098		
	5.689		212			7.029		196		B.M. 101-129 (U.S. A-57, 1926)
9	17.385	5.795		3.326		21.381	7.127		3.296	IN SHELL OIL DISTRIBUTOR YARD
	6.832	40.132	090			5.918	58.870	093		+6.742
	6.742		089			5.825		092		-5.825
	6.653		179			5.733		185		+0.917
10	20.227	6.742		3.505	76°	17.476	5.825		3.481	B.M. 101-130 (U.S. G487, 1955 IN LUMBER YARD

F.B. 2411 P.G. 82

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: WINDY PART CLOUDY — Inst. No: 50010
Notes by: G. E. DREIER — Time: 1:00 TO — Rod No: 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0.301.02
From: B.M. 101-130 To: B.M. 101-131
Date: 3-29-57
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
	5952		094		#	6.375		093		B.M. 101-130 (U.S. G-487 1955)
	5.858		091			6.282		091		IN MT. WHITNEY LUMBER CO. YP.
	5.767		185			6.191		184		
1	17.577	5.859		185	71°	18.848	6.283		184	
	4.614		193			6.136		194		T. J. MOODY
	4.421		190			5.942		190		
	4.231		383			5.752		384		
2	13.266	4.422		568		17.830	5.943		568	
	3.877		193			6.260		192		
	3.684		192			6.068		190		
	3.492		385			5.878		382		
3	11.053	3.684		.953		18.206	6.069		.950	
	4.435		193			6.367		192		
	4.242		190			6.175		188		
	4.052		383			5.987		380		
4	12.729	4.243		1.336		18.529	6.176		1.330	
	4.827		172			5.907		171		
	4.655		172			5.736		169		
	4.483		344			5.567		340		
5	13.965	4.655		1.680		17.210	5.737		1.670	
		22.863					30.208			

F.B. 2411 P.G. 83

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 Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 1:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-130 To B.M. 101-131
Date 3-29-57
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
	5.227	22.863	184	1.680		5.458	30.208	183	1.670	
	5.043		181			5.275		182		
	5.862		365			5.093		365		
6	16.132	5.044		2.045		15.826	5.275		2.035	
	5.332		111			6.082		109		
	5.221		109			5.973		108		
	5.112		220			5.865		217		B.M. 101-131 (U.S. 820, 2356, U.S.G.S. B.M. 35 1914)
7	15.665	5.222		2.265		17.920	5.973		2.252	LANCASTER BLVD. &
									2.265 4.517 = 0.29 mi.	1ST ALLEY W. OF SIERRA HWY
										SUMMATION OF RUN
										B.M. 101-130 TO B.M. 101-131
										TOTAL BACKSIGHTS +33.129
										TOTAL FORESIGHTS −41.456
										DIFF IN ELEVATION −8.327
		33.129					41.456			

F.B. 2411 P.G. 84

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. [illegible] Weather WINDY SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-131 To B.M. 101-130
Date 3-29-57
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
	6082		109		#11	5.330		110		B.M. 101-131 (U.S. 820, 2356, B.M. 35, 1914) U.S.G.S.
	5.973		108			5.220		109		LANCASTER BLVD. & 1ST ALLEY
	5.865		217			5.111		219		W. OF SIERRA Hwy
1	17.920	5.973		.217	75°	15.661	5.220		219	
	5472		184			5.239		181		
	5.288		184			5.058		182		
	5.104		368			4.876		363		⊼ J. MOODY
2	15.864	5.288		.585		15.1~~67~~13	5.05~~6~~8		.582	
	6.097		175			5013		171		
	5.922		171			4.842		169		
	5.751		346			4.673		340		
3	17.770	5.923		.931		14.528	4.843		.922	
	6.441		192			4.507		192		
	6.249		188			4.315		190		
	6.061		380			4.125		382		
4	18.751	6.250		1.311		12.947	4.31~~2~~6		1.304	
	6.205		191			3.825		193		
	6.014		191			3.632		194		
	5.823		382			3.438		387		
5	18.042	6.014		1.693		10.895	3.632		1.691	
		29.448					23.06~~3~~9			

F.B. 2411 P.G. 85

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 _____ Weather WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NO.
Job No. 0301.02
From B.M. 101-131 To B.M. 101-130
Date 3-29-57
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
	6.142	29.448	192	1.693		4.618	23.068	190	1.691	
	5.950		191			4.428		192		
	5.759		383			4.237		382		
6	17.851	5.950		2.076		13.283	4.428		2.073	
	6.308		091			5.888		094		
	6.217		090			5.794		092		
	6.127		181			5.702		186		B.M. 101-130 (U.S. G-487, 1955)
7	18.652	6.217		2.257		17.384	5.795		2.259	IN MT. WHITNEY LUMBER CO. YARD.
										SUMMATION OF RUN
										B.M. 101-131 TO B.M. 101-130
										TOTAL BACKSIGHTS +41.615
										TOTAL FORESIGHTS -33.286
										DIFF IN ELEVATION + 8.329
		41.615					33.286			

F.B. 2411 P.G. 86

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. 50010
Notes by G. E. DREIER Time 10:55 TO 11:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-131 To B.M. 101-132
Date 4-3-57
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
	6.062		111		#11	5.308		109		B.M. 101-131 (U.S. 1914, 2356, B.M. 35)
	5.951		109			5.199		107		LANCASTER BLVD. & 1ST ALLEY W.
	5.842		220			5.092		216		OF SIERRA HWY.
1	17.855	5.952		.220	90°	15.599	5.200		.216	
	5.482		185			5.249		183		
	5.297		184			5.066		180		
	5.113		369			4.886		363		
2	15.892	5.297		.589		15.201	5.067		.579	J. MOODY
	4.527		192			6.489		194		
	4.335		188			6.295		192		
	4.147		380			6.103		386		
3	13.009	4.336		.969		18.887	6.296		.965	
	4.349		192			6.629		192		
	4.157		190			6.437		190		
	3.967		382			6.247		382		
4	12.473	4.158		1.351		19.313	6.438		1.347	
	3.932		190			6.939		192		
	3.742		190			6.747		190		
	3.552		380			6.557		382		
5	11.226	3.742		1.731		20.243	6.748		1.729	
		23.485					29.749			

F.B. 2411 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. 50010
Notes by G. E. DREIER Time 10:55 TO 11:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-131 To B.M. 101-132
Date 4-3-57
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
	4.815	23.485	193	1.731		6.529	29.749	192	1.729	
	4.622		190			6.337		192		
	4.432		383			6.145		384		
6	13.869	4.623		2.114		19.011	6.337		2.113	
	4.053		194			5.578		187		
	3.859		191			5.391		184		
	3.668		385			5.207		371		
7	11.580	3.860		2.499		16.176	5.392		2.484	
	4.521		192			6.157		192		
	4.329		190			5.965		190		
	4.139		382			5.775		382		
8	12.989	4.330		2.881		17.897	5.966		2.866	
	5.149		191			6.459		190		
	4.958		190			6.269		190		
	4.768		381			6.079		380		
9	14.875	4.958		3.262		18.807	6.269		3.246	
	4.785		230			6.615		228		
	4.555		228			6.387		228		
	4.327		458			6.159		456		
10	13.667	4.556		3.720		19.161	6.387		3.702	
	45.812					60.100			3.720	
									7.422	
									= 0.48 mi.	

SUMMATION OF RUN
B.M. 101-131 TO B.M. 101-132
TOTAL BACKSIGHTS +45.812
TOTAL FORESIGHTS -60.100
DIFF IN ELEVATION -14.288

B.M. 101-132
S.P.R.R. & AVE I, N.W. COR

F.B. 2411 P.G. 88

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:10 Rod No. 11 & 12

Name L [illegible] NET
Job No 0301.02
From B.M. 101-132 To B.M. 101-131
Date 4-3-57
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
	6.587		229		#11	4.753		231		B.M. 101-132
	6.358		229			4.522		230		S.P.R.R. & AVE I, N.W. COR.
	6.129		458			4.292		461		
1	19.074	6.358		.458	80°	13.567	4.522		461	
	6.442		191			5.129		191		
	6.251		190			4.938		190		
	6.061		381			4.748		381		T. J. MOODY
2	18.754	6.251		.839		14.815	4.938		.842	
	6.168		192			4.533		191		
	5.976		190			4.342		191		
	5.786		382			4.151		382		
3	17.930	5.977		1.221		13.026	4.342		1.224	
	5.658		187			4.132		194		
	5.471		184			3.938		191		
	5.287		371			3.747		385		
4	16.416	5.472		1.592		11.817	3.939		1.609	
	6.591		192			4.878		190		
	6.399		191			4.688		191		
	6.208		383			4.497		381		
5	19.198	6.399		1.975		14.063	4.688		1.990	
		30.457					22.429			

F.B. 2411 P.G. 89

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. 50010
Notes by G. E. DREIER Time 1:00 TO 2:10 Rod No. 11 & 12

Name
Job No 0301.02
From B.M. 101-132 To B.M. 101-131
Date 4-3-57
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
	6.919	30.457	192	1.975		3.918	22.429	193	1.990	
	6.727		191			3.725		193		
	6.536		383			3.532		386		
6	20.182	6.727		2,358		11.175	3.725		2376	
	6581		193			4302		191		
	6.388		193			4.111		191		
	6 195		386			3.920		382		
7	19.164	6.388		2,744		12.333	4.111		2,758	
	6.450		193			4.592		193		SUMMATION OF RUN
	6.257		191			4.299		189		B.M. 101-132 TO B.M. 101
	6.066		384			4.110		382		TOTAL BACKSIGHTS + 60.006
8	18.773	6.258		3,128		13.001	4.300		3,140	TOTAL FORESIGHTS − 45.726
	5.215		183			5.449		186		DIFF IN ELEVATION + 14.280
	5.032		182			5.263		184		
	4.850		365			5.079		370		
9	15.097	5.032		3,493		15.791	5.264		3,510	
	5.256		112			6.003		106		
	5.144		111			5.897		106		B.M. 101-131 (U.S. 2356 U.S.G.S. B.M. 35 1914)
	5.033		223			5.791		212		LANCASTER BLVD. & 1ST. ALLEY W. OF
10	15.433	5.144		3,716		17.691	5.897		3,722	SIERRA HWY
		60.006					45.726		3,716 7.438 = 0.48' mi.	

F.B. 2411 P.G. 90

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ENGINEERING BLDG.

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Chief of Party G. E. [illegible] Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 1:30 Rod No. 1812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-132 To B.M. 101-134
Date 4-4-57
Indexed K. 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
	4.493		141		#11	5.842		195		B.M. 101-132
	4.352		140			5.647		192		S.P.R.R. & AVE. I, N.W. COR.
	4.212		281✓			5.455		387✓		
1	13.057	4.352		.281✓	85°	16.944	5.648		.387✓	
	4.962		190			6.948		189		
	4.772		190			6.759		187		
	4.582		380✓			6.572		376✓		T J. MOODY
2	14.316	4.772		.661✓		20.279	6.760		.763	
	5.537		190			6.666		191		
	5.347		190			6.475		190		
	5.157		380✓			6.285		381✓		
3	16.041	5.347		1.041✓		19.426	6.475		1.144	
	5.239		187			5.057		195		+24.567✓
	5.052		189			4.862		191		-29.600✓
	4.863		376✓			4.671		386✓		-5.033✓
4	15.154	5.051		1.417✓		14.590	4.863		1.530	
	5.175		130			5.939		085		
	5.045		130			5.854		085		B.M. 101-133
	4.915		260✓			5.769		170✓		
5	15.135	5.045		1.677✓		17.562	5.854		1.700✓	S.P.R.R. IN A.U. PLUMBING YARD
		24.567✓					29.600✓		1.677✓	
									3.377✓	
									= 0.22 mi	

F.B. 2411 P.G. 91

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. 50010
Notes by G. E. DREIER Time 11:15 TO 1:30 Rod No. 11 & 12

Name L. A. COUNTY LEVEL NET
Job No. 0301.02
From B.M. 101-132 To B.M. 101-1
Date 4-4-57
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
	5.337		157	1677		5.888		150	1.700	
	5.180		157			5.738		150		
	5.023		314			5.588		300		
6	15.540	5.180		1.991		17.314	5.738		2.000	
	5.035		190			5.984		193		
	4.845		190			5.791		190		
	4.655		380			5.601		383		
7	14.535	4.845		2.371		17.376	5.792		2.383	
	4.905		190			5.919		191		
	4.715		190			5.728		193		
	4.525		380			5.535		384		
8	14.145	4.715		2.751		17.182	5.727		2.767	
	4.363		193			5.871		193		
	4.170		191			5.678		190		
	3.979		384			5.488		383		
9	12.512	4.171		3.135		17.037	5.679		3.150	
	5.267		192			6.998		191		
	5.075		190			6.807		190		
	4.885		382			6.617		381		
10	15.227	5.076		3.517		20.422	6.807		3.531	
		23.987					29.743			

F.B. 2411 PG. 92

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 50010
Notes by G.E. DREIER Time 11:15 TO 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-132 To B.M. 101-134
Date 4-4-57
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
	5.168	23.987	193	3.517		5.973	29.743	189	3.531	
	4.975		190			5.784		187		
	4.785		383			5.597		376		
11	14.928	4.976		3.900		17.354	5.785		3.907	
	6.985		192			7.863		188		
	6.793		190			7.675		189		
	6.603		382			7.486		377		
12	20.381	6.794		4.282		23.024	7.675		4.284	
	5.598		193			6.123		190		
	5.405		190			5.933		187		
	5.215		383			5.746		377		
13	16.218	5.406		4.665		17.802	5.934		4.661	
	5.158		190			5.674		192		
	4.968		190			5.482		190		
	4.778		380			5.292		382		
14	14.904	4.968		5.045		16.448	5.483		5.043	
	6.112		189			6.198		190		
	5.923		185			6.008		190		
	5.738		374			5.818		380		
15	17.773	5.924		5.419		18.024	6.008		5.423	
		52.055					60.628			

F.B. 2411 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 Inst. No. 52010
Notes by G. E. DREIER Time 11:15 TO 1:30 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-132 To B.M. 101-134
Date 4-4-57
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
	6.977	52.055	129	5.419		1.459	60.628	126	5.423	
	6.848		127			1.333		122		B.M. 101-134 (U.S. 2136 Z-56, 1926)
	6.721		256			1.211		248		S.P.R.R. OPP. RADIO STATION
16	20.546	6.849		5.675		4.003	1.234		5.671	
		58.904					61.962		5.675	
									11.346	= .73 mi
										+ 58.904
										- 61.962
										- 3.058

F.B. 2411 P.G. 94

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 BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. DIV. ENGINEERING NO. 1
Job No 0301.02
From B.M. 101-134 To B.M. 101-132
Date 4-4-57
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
	1.423		125		#11	6.939		128		B.M. 101-134 (U.S. , 2-56, 1926)
	1.298		123			6.811		126		S.P. RR. OPPOSITE RADIO STATION
	1.175		248			6.685		254		
1	3.896	1.299		.248		20.435	6.812		.254	
	5.945		190			5.858		187		
	5.755		187			5.671		184		
	5.568		377			5.487		371		T J. MOODY
2	17.268	5.756		.625		17.016	5.672		.625	
	5.642		191			5.120		189		
	5.451		189			4.931		190		
	5.262		380			4.741		379		
3	16.355	5.452		1.005		14.792	4.931		1.004	
	6.137		192			5.606		192		
	5.945		190			5.414		189		
	5.755		382			5.225		381		
4	17.837	5.946		1.387		16.245	5.415		1.385	
	7.878		188			7.001		192		
	7.690		188			6.809		190		
	7.502		376			6.619		382		
5	23.070	7.690		1.763		20.429	6.810		1.767	
		26.143					29.640			

F.B. 2411 P.G. 95

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-134 To B.M. 101-132
Date 4-4-57
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
	6.223	26.143	190	1.763		5.412	29.640	191	1.767	
	6.033		186			5.221		190		
	5.847		376			5.031		381		
6	18.103	6.034		2.139		15.664	5.221		2.148	
	6.882		190			5.151		192		
	6.692		191			4.959		188		
	6.501		381			4.771		380		
7	20.075	6.692		2.520		14.881	4.960		2.528	
	5.875		193			4.368		193		
	5.682		191			4.175		192		
	5.491		384			3.983		385		
8	17.048	5.683		2.904		12.526	4.175		2.913	
	5.871		193			4.857		189		
	5.678		191			4.668		190		
	5.487		384			4.478		379		
9	17.036	5.679		3.288		14.003	4.668		3.292	
	5.933		191			4.981		190		
	5.742		190			4.791		189		
	5.552		381			4.602		379		
10	17.227	5.742		3.669		14.374	4.791		3.671	
		55.973					53.455			

F.B. 2411 P.G. 96

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 [illegible] Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:00 Rod No. 11 & 12

Name L.A. [illegible]
Job No. 0301.02
From B.M. 101-134 To B.M. 101-132
Date 4-4-57
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
	5.869	5.973	151	3.669		5.319	5.455	157	3.671	
	5.718		150			5.162		157		
	5.568		301			5.005		314		
11	17.155	5.718		3.970		15.486	5.162		3.985	+ 61.691 - 58.617 + 3.074
		61.691					58.617			B.M. 101-133 (U.S. S.P.R.R. IN A.V. PLUMBING YARD
	5.972		110			5.154		099		
	5.862		107			5.055		100		
	5.755		217			4.955		199		
12	17.589	5.863		4.187		15.164	5.055		4.184	
	5.121		192			5.308		189		
	4.929		192			5.119		188		
	4.737		384			4.931		377		
13	14.787	4.929		4.571		15.358	5.119		4.561	
	6.449		192			5.317		190		
	6.257		189			5.127		190		
	6.068		381			4.937		380		
14	18.774	6.258		4.952		15.381	5.127		4.941	
		17.050					15.301			

F.B. 2411 P.G. 97

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. 50010
Notes by G. E. DREIER Time 1:30 TO 3:00 Rod No. 11 & 12

Name
Job No. 0301.02
From B.M. 101-134 To B.M. 101-132
Date 4-4-57
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
	6.922	17.050'	185	4.952		4.942	15.301'	191	4.941'	
	6.737		186			4.751		190		+ 29.583'
	6.551		371'			4.561		381'		− 24.548'
15	20.210	6.737		5.323		14.254	4.751'		5.322	+ 5.035
	5.964		168			4.663		166		
	5.796		167			4.497		168		
	5.629		335'			4.329		334'		B.M. 101-132
16	17.389	5.796		5.658		13.489	4.496		5.656	S.P.R.R. & AVE I.
	8	29.583'					24.548'			

F.B. 2411 P.G. 98

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. 50910
Notes by J. MOODY Time 10:00 to 10:45 Rod No. 11 & 12

Name LACO PRECISE LEVEL NET
Job No. 0301.02
From BM 101-133 To BM 101-134
Date 4-5-57
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
	5373		156		#11	5922		150		BM 101-133 (U.S. 818, 2335 B 1902
	5217		156			5772		149		S.P.R.R. & IN PLUMBING YD
	5061		312			5623		299		
1	15651	5217		312	85°	17317	5772		299	TGE DREIER
	5173		187			6125		192		
	4986		189			5933		190		
	4797		376			5743		382		
2	14956	4985		688		17801	5934		687	
	4711		191			5727		194		
	4520		190			5533		192		
	4330		381			5341		386		
3	13561	4520		1069		16601	5534		1067	
	4323		193			5831		193		
	4130		192			5638		191		
	3938		385			5447		384		
4	12391	4130		1454		16916	5639		1451	
	5301		191			7033		191		
	5110		191			6842		191		
	4919		382			6651		382		
5	15330	5110		1836		20526	6842		1833	
			23962					29721		

F.B. 2411 P.G. 99

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. 50010
Notes by J. MOODY Time 10:00 to 10:[illegible] Rod No. 11 & 12

Name LA CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-133 To BM 101-134
Date 4-5-57
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
	5359	23.962	191	1836		6169	29.721	190	1833	
	5168		191			5979		187		
	4977		382			5792		377		
6	15504	5.168		2218		17940	5.980		2210	
	7103		191			7986		189		
	6912		189			7797		189		
	6723		380			7608		378		
7	20738	6.913		2598		23391	7.797		2588	
	5639		190			6173		191		
	5449		190			5982		190		
	5259		380			5792		381		
8	16347	5.449		2978		17947	5.982		2969	
	4668		191			5188		191		
	4477		190			4997		188		
	4287		381			4809		379		
9	13432	4.477		3359		14994	4.998		3348	
	5932		185			6017		189		
	5747		189			5828		186		
	5558		374			5642		375		
10	17237	5.746		3733		17487	5.829		3723	
	51.715					60.307				

F.B. 2411 PG. 100

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. 50010
Notes by J. MOORE Time 10:00 to 10:45 Rod No. 11 & 12

Name L. A.
Job No. 0301.02
From BM101-133 To BM101-134
Date 4-5-57
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
	7103	51.715	127	3.733		1589	60.307	122	3.723	BM101-134 (U.S. 2136 Z-56, 1926
	6976		128			1467		124		S.P.R.R. ACROSS ROAD FROM
	6848		255			1343		246		RADIO STATION KAVL
	20927	6976		3988		4399	1466		3969	
									3988	
									7957 = .51 mi	
										SUMMATION OF RUN
										BM101-133 to BM101-134
										total BACKSIGHTS + 58.691
										" FORE " - 61.773
										DIFF IN ELEV. - 3.082
		58.691					61.773			

F.B. 2411 P.G. 101

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 Inst. No.
Notes by Time Rod No.

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

F.B. 2411 P.G. 102

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 Inst. No. 50010
Notes by J. MOODY Time 10:50 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-133
Date 4-5-57
Indexed K. 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
	1670		122		#11	7184		127		BM101-134 (U.S. 2136 Z-56, 1926
	1548		125			7057		129		S.P.R.R. & ACROSS ROAD FROM
	1423		247			6928		256		RADIO STATION KAVL
1	4641	1.547		.247	85°	21169	7.056		.256	(G.E. DREIER, ⊼)
	6102		192			6007		186		
	5910		191			5821		182		
	5719		383			5639		368		
2	17731	5.910		.630		17467	5.822		.624	
	5792		190			5272		191		
	5602		190			5081		188		
	5412		380			4893		379		
3	16806	5.602		1.010		15246	5.082		1.003	
	6208		191			5676		193		
	6017		189			5483		190		
	5828		380			5293		383		
4	18053	6.018		1.390		16452	5.484		1.386	
	7910		189			7032		190		
	7721		189			6842		190		
	7532		378			6652		380		
5	23163	7.721		1.768		20526	6.842		1.766	
		26798					30286			

F.B. 24111 P.G. 103

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. [illegible] Weather Clear Inst. No. 50010
Notes by J. Moody Time 10:50 to [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-134 To BM 101-133
Date 4-5-57
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
	6198	26798	189	1768		5388	30288	196	1766	
	6009		186			5192		193		
	5823		375			4999		389		
6	18030	6010		2143		15579	5193		2155	
	6850		191			5119		190		
	6659		191			4929		190		
	6468		382			4739		380		
7	19977	6659		2525		14787	4929		2535	
	5901		191			4392		191		
	5710		189			4201		191		
	5521		380			4010		382		
8	17132	5711		2905		12603	4201		2917	
	5971		194			4958		190		
	5777		192			4768		191		
	5585		386			4577		381		
9	17333	5778		3291		14303	4768		3298	
	6161		196			5202		184		
	5965		195			5018		186		
	5770		381			4832		370		
10	17896	5965		3672		15052	5017		3668	
	56921					54394				

F.B. 2411 PG. 104

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. 50010
Notes by J. Moody Time 10:50 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-134 To BM 101-133
Date 4-5-57
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
	6063	56.921	155	3672		5506	54.394	153	3668	BM 101-133 (U.S. 818, 2335 "B" 1902
	5908		156			5353		152		S.P.R.R. & IN PLUMBING YD.
	5752		311			5201		305		
11	17723	5908		3983		16060	5353		3973	
										SUMMATION of RUN
										BM 101-134 to BM 101-133
										TOTAL BACKSIGHTS +62.829
										" FORE " -59.747
										Diff IN ELEV. +3.082
										F.B. 2411 P.G. 105
		62829					59747			

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... Inst. No.....
Notes by..... Time..... Rod No.....

Name.....
Job No.....
From..... To.....
Date.....
Indexed.....

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. 241 PG. 106										

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. HOT Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 3:15 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-134 To B.M. 101-136
Date 4-5-57
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
	1.748		190			7.219		201		B.M. 101-134 (H.S. 2136, Z-56, 1926)
	1.558		186			7.018		199		S.P.R.R. OPPOSITE RADIO STATION
	1.372		376			6.819		400		KAVL
1	4.678	1.559		.376	90°	21.056	7.019		.400	
	6.697		190			4.278		192		
	6.507		190			4.086		190		T J. MOODY
	6.317		380			3.896		382		
2	19.521	6.507		.756		12.260	4.087		.782	
	7.808		190			9.231		189		
	7.618		190			9.042		187		
	7.428		380			8.855		376		
3	22.854	7.618		1.136		27.128	9.043		1.158	
	7.679		190			5.291		193		
	7.489		190			5.098		190		
	7.299		380			4.908		383		
4	22.467	7.489		1.516		15.297	5.099		1.541	
	3.842		191			7.412		193		
	3.651		190			7.219		191		
	3.461		381			7.028		384		
5	10.954	3.651		1.897		21.659	7.220		1.925	
		26.824					32.468			

F.B. 2411 P.G. 1-97

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 BREEZE CLEAR Inst. No 50010
Notes by G. E. DREIER Time 1:00 TO 3:15 Rod No 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-134 To B.M. 101-136
Date 4-5-57
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
	4.941	26.824	189	1.897		6.209	32.468	192	1.925	
	4.752		185			6.017		189		
	4.567		374			5.828		381		
6	14.260	4.753		2.273		18.054	6.018		2.308	+ 36.861
										- 42.451
	5.337		053			4.017		052		- 5.590
	5.284		052			3.965		051		
	5.232		105			3.914		103		
7	15.853	5.284		2.378		11.896	3.965		2.409 H	
		36.861					42.451		2.378	B.M. 101-135
									4.789	S.P.R.R. & AVE. H (MILE POST 40)
									= 0.31 mi	
	5.608		140			6.448		137		
	5.468		139			6.311		136		
	5.329		279			6.175		273		
8	16.405	5.468		2.657		18.934	6.311		2.684	
	4.591		190			7.041		191		
	4.401		190			6.850		191		
	4.211		380			6.659		382		
9	13.203	4.401		3.037		20.550	6.850		3.068	
		9.869					13.161			

F.B. 2411 P.G. 108

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 ..... Weather BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:15 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 101-134 To B.M. 101-136
Date 4-5-57
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
	5.521	9.869	191	3.037		6.567	13.161	193	3.066	
	5.330		189			6.374		189		
	5.141		380			6.185		382		
10	15.992	5.331		3.417		19.126	6.375		3.448	
	6.252		194			7.225		190		
	6.058		190			7.035		187		
	5.868		384			6.848		377		
11	18.178	6.059		3.801		21.108	7.036		3.823	
	5.688		196			4.082		189		+ 26.751
	5.492		195			3.893		186		− 30.466
	5.297		391			3.707		375		− 3.715
12	16.477	5.492		4.192		11.682	3.894		4.198	
	4.201	26.751	192			5.901	30.466	200	4.192	T.P., SIERRA HWY AT STATION
	4.009		192			5.701		200	8.392	G 67+00, NAIL IN S.
	3.817		384			5.501		400	= 0.54 Mi	END OF WEST CULVERT
13	12.027	4.009		4.576		17.103	5.701		4.598	HEADWALL
	4.688		195			5.257		189		
	4.493		192			5.068		186		
	4.301		387			4.882		375		
14	13.482	4.494		4.963		15.207	5.069		4.973	
		35.254					41.236			

F.B. 2411 P.G. 109

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 BREEZE CLEA Inst. No 50010
Notes by G. E. DREIER Time 1100 TO 3:15 Rod No 11 812

Name L. A. CO[illegible] LEVEL NET
Job No 030102
From B.M. 101-134 To B.M. 101-136
Date 4-5-57
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
	5.290	35.254	192	4.963		6.097	4.236	192	4.975	
	5.098		190			5.905		188		
	4.908		382			5.717		380		
15	15.296	5.099		5.345		17.719	[illegible]		5.355	
	5.472		191			5.302		191		
	5.281		188			5.111		189		
	5.093		379			4.922		380		
16	15.846	5.282		5.724		15.335	5.112		5.735	
	5.317		193			5.631		189		
	5.124		196			5.442		187		
	4.928		389			5.255		376		
17	15.369	5.123		6.113		16.328	5.443		6.111	
	5.139		192			6.359		187		
	4.947		191			6.172		187		
	4.756		383			5.985		374		
18	14.842	4.947		6.496		18.516	6.172		6.485	
	5.788		193			5.159		188		
	5.595		190			4.971		189		
	5.405		383			4.782		377		
19	16.788	5.596		6.879		14.912	4.971		6.862	
		61.301					68.340			

F.B. 2411 P.G. 110

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. [illegible] Weather BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 70 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-134 To B.M. 101-136
Date 4-5-57
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
	5.883	6.301	191	6.879		6.522	68.840	191	6.862	
	5.692		190			6.331		190		
	5.502		381			6.141		381		
20	17.077	5.692		7.260		18.994	6.331		7.243	
	5.621		190			6.431		192		+ 77.772
	5.431		186			6.239		188		− 85.333
	5.245		376			6.051		380		− 7.561
21	16.297	5.432		7.636		18.721	6.240		7.623	
	5.429		082			4.012		091		
	5.347		082			3.921		089		B.M. 101-136 (U.S. Z-811 1947)
	5.265		164			3.832		180		SIERRA HWY AT CULVERT STATION
22	16.041	5.347		7.800		11.765	3.922		7.803	G-90+50
		77.772					85.333		7.800	
									15.603 = 1.00 mi	

SUMMATION OF RUN

B.M. 101-134	TO	B.M. 101-135	− 5.590
" 101-135	TO	T.P. AT HWY STA. G-67+00	− 3.715
T.P.	TO	~~B.M.~~ 101-136	− 3.846
B.M. 101-135	TO	B.M. 101-136	− 7.561

F.B. 2411 P.G. 111

76P526 S & E #379 1-54

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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. 2411 P.G. 112										

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 11:00 Rod No. 11 & 12

Name L.A. CO PRECISE LE
Job No 0301.02
From B.M. 101-136 To B.M. 101-134
Date 4-8-57
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
	4.255		088		#11	5.673		084		B.M. 101-136 Z-811, 1947
	4.167		088			5.589		083		SIERRA HWY AT STA. G-90+50
	4.079		176			5.506		167		
1	12.501	4.167		.176	59°	16.768	5.589		.167	
	6.468		193			5.653		188		
	6.275		191			5.465		187		
	6.084		384			5.278		375		π J. MOODY
2	18.827	6.276		.560		16.396	5.465		.542	
	6.519		191			5.878		190		
	6.328		190			5.688		190		
	6.138		381			5.498		380		
3	18.985	6.328		.941		17.064	5.688		.922	
	5.097		189			5.719		190		
	4.908		187			5.529		191		
	4.721		376			5.238		381		
4	14.726	4.909		1.317		16.586	5.529		1.303	
	6.429		188			5.209		192		
	6.241		188			5.017		190		
	6.053		376			4.827		382		
5	18.723	6.241		1.693		15.053	5.018		1.685	
		27.921					27.289			

F.B. 2411 P.G. 113

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 OVERCAST Inst. No. 50610
Notes by G. E DREIER Time 9:00 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-136 To B.M. 101-134
Date 4-8-57
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
	5.603	27.921	186	1.693		5.292	27.289	194	1.685	
	5.417		188			5.098		194		
	5.229		374			4.904		388		
6	16.249	5.416		2.067		15.294	5.098		2.073	
	5.229		191			5.392		190		
	5.038		189			5.202		187		
	4.849		380			5.015		377		
7	15.116	5.039		2.447		15.609	5.203		2.450	
	6.117		192			5.309		192		
	5.925		190			5.117		188		
	5.735		382			4.929		380		
8	17.777	5.926		2.829		15.355	5.118		2.830	
	5.277		189			4.708		194		+ 55.128
	5.088		187			4.514		192		- 51.263
	4.901		376			4.322		386		+ 3.865
9	15.266	5.089		3.205		13.544	4.515		3.216	
	5.939		203			4.232		193		
	5.736		200			4.039		190		T.P. SIERRA HWY, W. SIDE, AT HWY
	5.536		403			3.849		383		STA. G-67+00, NAIL IN S. END
10	17.211	5.737		3.608		12.120	4.040		3.599	OF CONC HEADWALL
		55.128					51.263			

F.B. 2411 P.G. 114

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-136 To B.M. 101-134
Date 4-8-57
Indexed K. 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
	4.078		196	3.608		5.677		192	3.599	
	3.882		194			5.485		189		
	3.688		390			5.296		381		
11	11.648	3.883		3.998		16.458	5.486		3.980	
	7.258		189			6.282		194		
	7.069		187			6.088		191		
	6.882		376			5.897		385		
12	21.209	7.070		4.374		18.267	6.089		4.365	
	6.559		191			5.514		191		
	6.368		189			5.323		190		
	6.179		380			5.133		381		
13	19.106	6.369		4.754		15.970	5.323		4.746	
	7.039		192			4.588		191		
	6.847		191			4.397		189		
	6.656		383			4.208		380		
14	20.542	6.847		5.137		13.193	4.398		5.126	
	6.485		143			5.626		132		
	6.342		143			5.494		131		B.M. 101-135
	6.199		286			5.363		263		S.P.R.R. & AVE H, (MILE POST 404)
15	19.026	6.342		5.423		16.483	5.494		5.389	
		30.511					26.790			

+ 30.511
- 26.790
+ 3.721

F.B. 2411 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-136 To B.M. 101-134
Date 4-8-57
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
	3.916		051	5.423		5.235		053	5.389	
	3.865		051			5.182		052		
	3.814		102			5.130		105		
16	11.595	3.865		5.525		15.547	5.182		5.494	
	6.159		192			4.897		188		
	5.967		190			4.709		187		
	5.777		382			4.522		375		
17	17.903	5.968		5.907		14.128	4.709		5.869	
	7.007		193			3.429		191		
	6.814		189			3.238		191		
	6.625		382			3.047		382		
18	20.446	6.815		6.289		9.714	3.238		6.251	
	5.438		187			7.835		197		
	5.251		186			7.638		194		
	5.065		373			7.444		391		
19	15.754	5.251		6.662		22.917	7.639		6.642	
	9.233		185			7.822		194		
	9.048		185			7.628		192		
	8.863		370			7.436		386		
20	27.144	9.048		7.032		22.886	7.629		7.028	
			30.947					28.397		

F.B. 2411 P.G. 116

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 THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 11:00 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 101-136 To B.M. 101-134
Date 4-8-57
Indexed K. 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
	4.335	30.947	190	7.032		6.772	28.397	193	7.028	+ 42.092
	4.145		190			6.579		191		− 36.526
	3.955		380			6.388		384		+ 5.566
21	12.435	4.145		7.412		19.739	6.580		7.412	
	7.202		203			1.737		188		
	6.999		201			1.549		188		
	6.798		404			1.361		376		B.M. 101-134 (U.S. 2136 Z-56, 1926
22	20.999	7.000		7.816	71°	4.647	1.549		7.788	S.P.R.R. & ACROSS ROAD FROM
		42.092					36.526		7.816	RADIO STATION KAVL
									15.604	
									= 1.00 mi.	
										SUMMATION OF RUN
						B.M. 101-136 TO		T.P. AT Hwy STA. G-67+00		+ 3.865
						T.P.		TO B.M. 101-135		+ 3.721
						B.M. 101-135 TO		B.M. 101-134		+ 5.566
						B.M. 101-136 TO		B.M. 101-135		+ 7.586

F.B. 2411 P.G. 117

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... Inst. No.....

Notes by..... Time..... Rod No.....

Name.....

Job No.....

From..... To.....

Date.....

Indexed.....

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. 2411 P.G. 118

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. [illegible] Weather BREEZE, SUN Inst. No. 50010
Notes by J. MOODY Time 1.00 to 2.50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 4-8-57
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
	1573		189		#11	7051		200		BM 101-134 (U.S. 2136 Z-56, 1926
	1394		187			6851		199		S.P.R.R. & ACROSS FROM RADIO
	1207		376			6652		399		STATION KAVL
1	4174	1.395		.376	76°	20554	6.851		.399	TG.E. DREIER
	6727		195			4290		190		
	6532		193			4100		187		
	6339		388			3913		377		
2	19598	6.533		.764		12303	4.101		.776	
	7618		193			9032		185		
	7425		193			8847		184		
	7232		386			8663		369		
3	22275	7.425		1.150		26542	8.847		1.145	
	7632		190			5239		190		
	7442		191			5049		191		
	7251		381			4858		381		
4	22325	7.442		1.531		15146	5.049		1.526	
	3344		192			6913		190		
	3152		193			6723		190		
	2959		385			6533		380		
5	9455	3.152		1.916		20769	6.723		1.906	
	25947					31571				

F.B. 2411 P.G. 119

76P526 S & E #379 1-54

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZY SUNNY Inst. No. 50010
Notes by J. MOORE Time 1:00 to 2:50 Rod No. 11 & 12

Name L. A. COUNTY LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 4-8-57
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
	4902	25.947	187	1916		6174	31.571	191	1906	
	4715		187			5983		189		
	4528		374			5794		380		
6	14145	4.715		2290		17951	5.984		2286	
	5205		052			3885		051		+35.815
	5153		053			3834		051		-41.389
	5100		105			3783		102		- 5.574
7	15458	5.153		2395		11502	3.834		2388	
		35.815					41.389			BM 101-135
										S.P.R.R. & AVE "H" (MILES Post 404)
	5599		131			6460		143		
	5468		130			6317		145		
	5338		261			6172		288		
8	16405	5.468		2656		18949	6.316		2676	
	4482		195			6917		186		
	4287		196			6731		183		
	4091		391			6548		369		
9	12860	4.287		3047		20196	6.732		3045	
		9.755					13.048			

F.B. 2411 P.G. 120

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather SUN Inst. No 50010
Notes by J. Moody Time 1:00 to Rod No. 11 & 12

Name [illegible]
Job No. 030102
From BM 101-134 To BM 101-136
Date 4-8-57
Indexed K. 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
	5493	9.755	189	3047		6537	13.048	190	3045	
	5304		191			6347		190		
	5113		380			6157		380		
10	15910	5.303		3427		19041	6.347		3425	
	6232		193			7202		188		
	6039		190			7014		186		
	5849		383			6828		374		
11	18120	6.040		3810		21044	7.015		3799	
	5682		189			4088		195		+26.591
	5493		188			3893		193		-30.304
	5305		377			3700		388		-3.713
12	16480	5.493		4187		11.681	3.894		4187	
		26.591					30.304			T.P. SIERRA HWY, W. SIDE HWY STA. G-6700, NAIL IN S. END OF CULVERT HEADWALL
	4174		192			5880		201		
	3982		192			5679		200		
	3790		384			5479		401		
13	11946	3.982		4571		17038	5.679		4588	

F.B. 2411 P.G. 121

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 SUN Inst. No. 50010
Notes by J. MOODY Time 1100 to Rod No. 11 & 12

Name L. A. [illegible]
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 4-8-57
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
	4611	3982	193	4571		5182	5679	188	4588	
	4418		192			4994		186		
	4226		385			4808		374		
14	13255	4418		4956		14984	4995		4962	
	5294		190			6102		191		
	5104		189			5911		189		
	4915		379			5722		380		
15	15313	5104		5335		17735	5912		5342	
	5562		189			5399		190		
	5373		186			5209		190		
	5187		375			5019		380		
16	16122	5374		5710		15627	5209		5722	
	5368		195			5678		189		
	5173		194			5489		188		
	4979		389			5301		377		
17	15520	5173		6099		16468	5489		6099	
	5179		191			6400		188		
	4988		191			6212		184		
	4797		382			6028		372		
18	14964	4988		6481		18640	6213		6471	
		29039					33497			

F.B. 2411 P.G. 122

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 L. Weather BREEZE, SUN Inst. No 50010
Notes by J. MOODY Time 1:00 to 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-134 To BM 101-136
Date 4-8-57
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
	5837	29.039	192	6.481		5211	33.497	189	6.471	
	5645		192			5022		189		
	5453		384			4833		378		
19	16.935	5.645		6.865		15.066	5.022		6.849	
	5893		191			6532		191		
	5702		190			6341		191		BACKSIGHTS +51.434
	5512		381			6150		382		FORESIGHTS -55.296
20	17.107	5.702		7.246		19.023	6.341		7.231	DIFF IN ELEV. -3.862
	5727		188			6542		191		
	5539		187			6351		192		
	5352		375			6159		383		
21	16.618	5.539		7.621		19.052	6.351		7.614	
	5593		083			4172		088		BM 101-136 (U.S. Z-811, 1947
	5510		087			4084		085		SIERRA HWY AT HWY
	5423		170			3999		173		STA. G-90+50
22	16.526	5.509		7.791		12.255	4.085		7.787	
		51.434					55.296			

F.B. 2411 P.G. 123

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather CLEAR ..... Inst. No 50010
Notes by J. Moody ..... Time 9:15 to 11:00 ..... Rod No. 11 & 12

Name .....
Job No. 0301.02
From BM 101-136 To BM 101-134
Date 4-9-57
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
	4053		.088		#11	5473		.083		BM 101-136 (U.S. Z-811, 1947
	3965		.087			5390		.084		SIERRA HWY STA. G-90+50
	3878		.175			5306		.167		
1	11.896	3.965		.175	75°	16.169	5.390		.167	TGE DREIER
	6493		.193			5679		.188		
	6300		.189			5491		.189		
	6111		.382			5302		.377		
2	18904	6.301		.557		16.472	5.491		.544	
	6532		.190			5897		.191		
	6342		.189			5706		.189		
	6153		.379			5517		.380		
3	19027	6.342		.936		17.120	5.707		.924	
	5197		.189			5822		.192		
	5008		.187			5630		.192		
	4821		.376			5438		.384		
4	15026	5.009		.1312		16.890	5.630		.1308	
	6548		.188			5324		.191		
	6360		.187			5133		.190		
	6173		.375			4943		.381		
5	19081	6.360		.1687		15400	5.133		.1689	
	27977					27851				

F.B. 2411 P.G. 124

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. L. Weather CLEAR Inst. No. 50010
Notes by J. MOORE Time 9:15 to 11:00 Rod No. 11912

Name L. A. C[illegible]
Job No. 0301.02
From BM 101-136 To BM 101-134
Date 4-9-57
Indexed A. 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
	5549	27977	188	1687		5238	27351	196	1689	
	5361		188			5042		196		
	5173		376			4846		392		
6	16083	5361		2063		15126	5042		2081	
	5276		189			5441		189		
	5087		189			5252		188		
	4898		378			5064		377		
7	15261	5087		2441		15757	5252		2458	
	6114		191			5307		191		
	5923		191			5116		188		BACKSIGHTS +54.699
	5732		382			4928		379		FORESIGHTS -50.839
8	17769	5923		2823		15351	5117		2837	DIFF IN ELEV. +3.860
	5281		188			4710		194		
	5093		186			4516		193		
	4907		374			4323		387		
9	15281	5094		3197		13549	4516		3224	
	5469		212			3756		196		
	5257		213			3560		192		T.P.
	5044		425			3368		388		1 SIERRA HWY., W. SIDE
10	15770	5257		3622		10684	3561		3612	HWY STA. G-67+00, NAIL
	54699					50839				IN S. END OF CULVERT HEADWALL

F.B. 2411 P.G. 125

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: Weather: CLEAR Inst. No. 50010
Notes by: J. MOODY Time: 9:15 to 11:00 Rod No. 11812

Name:
Job No. 0301.02
From BM 101-136 To BM 101-134
Date 4-9-57
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
	3848		201	3622'		5448		196	3612'	
	3647		200			5252		193		
	3447		401'			5059		389'		
11	10942'	3.647'		4023'		15759'	5.253'		4001'	
	7278		186			6309		193		
	7092		185			6116		193		
	6907		371'			5923		386'		
12	21277'	7.092'		4394'		18348'	6.116'		4387'	
	6184		187			5148		194		
	5997		186			4954		192		BACKSIGHTS +29.647'
	5811		373'			4762		386'		FORESIGHTS -25.946'
13	17992'	5.997'		4767		14864'	4.955'		4773'	DIFF IN ELEV. + 3.701'
	6936		192			4489		191		
	6744		191			4298		187		
	6553		383'			4111		378'		
14	20233'	6.744'		5150		12898'	4.299'		5151	
	6307		140			5459		137		
	6167		139			5322		134		BM 101-135
	6028		279'			5188		271'		S.P.R.R. & AVE "H", (MILE POST 403)
15	18502'	6.167'		5429'		15969'	5.323'		5422'	
	29647'					25946'				

F.B. 2411 P.G. 126

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. 50010
Notes by J. Moody Time 9:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-136 To BM 101-134
Date 4-9-57
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
	3742		052	5429		5061		052	5422	
	3690		052			5009		052		
	3638		104			4957		104		
16	11070	3690		5533		15027	5009		5526	
	6053		191			4786		188		
	5862		189			4599		187		
	5673		380			4411		375		
17	17588	5863		5913		13794	4598		5901	
	6860		188			3294		191		
	6672		190			3103		190		
	6482		378			2913		381		
18	20014	6671		6291		9310	3103		6282	
	5282		191			7672		192		
	5091		191			7480		189		
	4900		382			7291		381		
19	15273	5091		6673		22443	7481		6663	
	9191		188			7772		190		
	9003		186			7582		189		
	8817		374			7393		379		
20	27011	9004		7047		22747	7582		7042	
		30319					27773			

F.B. 2411 P.G. 127

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 CLEA[illegible] Inst. No. 50010
Notes by J. MOODY Time 9:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-136 To BM 101-134
Date 4-9-57
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
	4348	30319	188	7047		6785	[illegible]73	196	7042	+41.068
	4160		188			6589		192		-35.494
	3972		376			6397		388		+5.574
21	12480	4160		7423		19771	6590		7430	
	6788		199			1323		192		BM 101-134 (U.S. 2136 Z-56-1926
	6589		199			1131		192		S.P.R.R. & ACROSS ROAD FROM
	6390		398			0939		384		RADIO STATION KAVL
22	19767	6589		7821		3393	1131		7814	
		41.068					35.494			

F.B. 2411 P.G. 128

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 Inst. No. 50010
Notes by J. MOODY Time 1:00 to 1:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.P. Sta. G 67+00 To BM 101-135
Date 4-9-57
Indexed K. 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
	4127		.195		#11	5729		189		T.P.
	3932		192			5540		189		SIERRA HWY, W. SIDE
	3740		387			5351		378		HWY STA. G 67+00, NAIL IN S.
1	11.799	3.933		.387	75°	16.620	5.540		.378	END OF CULVERT HEADWALL
	7180		.186			6211		193		T G.E DREIER
	6994		185			6018		193		
	6809		371			5825		386		
2	20.983	6.994		.758		18.054	6.018		.764	
	6128		.192			5080		188		BACKSIGHTS +29.395
	5936		191			4892		190		FORESIGHTS - 25.690
	5745		383			4702		378		DIFF IN ELEV. + 3.705
3	17.809	5.936		.1141		14.674	4.891		1.142	
	6816		.193			4364		187		
	6623		192			4177		187		
	6431		385			3990		374		
4	19.870	6.623		1.526		12.531	4.177		1.516	
	6047		.138			5200		136		
	5909		137			5064		136		BM 101-135
	5772		275			4928		272		S.P.R.R. & AVE "H", MILE POST 403
5	17.728	5.909		1.801		15.192	5.064		1.288	
		29.395					25.690			

F.B. 2411 P.G. 129

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

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

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. 2411 P.G. 130										

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 50010
Notes by G. E. DREIER Time 1.45 TO 2:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-136 To B.M. 101-137
Date 4-9-57
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
	4.878		191		#11	5.932		189		B.M. 101-136 (U.S. Z-811, 1947)
	4.687		192			5.743		186		SIERRA Hwy AT STA. G-90+50
	4.495		383			5.557		375		
1	14.060	4.687		.383	78°	17.232	5.744		.375	
	5.473		191			6.138		190		
	5.282		189			5.948		187		π J. MOODY
	5.093		380			5.761		377		
2	15.848	5.283		.763		17.847	5.949		.752	
	5.367		189			5.557		190		
	5.178		188			5.367		189		
	4.990		377			5.178		379		
3	15.535	5.178		1.140		16.102	5.367		1.131	
	5.754		192			6.797		190		
	5.562		188			6.607		188		
	5.374		380			6.419		378		
4	16.688	5.563		1.520		19.823	6.608		1.509	
	5.783		191			5.587		190		
	5.592		189			5.397		190		
	5.403		380			5.207		380		
5	16.778	5.593		1.900		16.191	5.397		1.889	
		26.304					29.065			

F.B. 2411 P.G. 131

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. 50010
Notes by G.E. DREIER Time 1:45 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-136 To B.M. 101-137
Date 4-9-57
Indexed R. 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
	4.701	26.304	190	1.900		4.793	29.065	190	1.889	
	4.511		190			4.603		190		
	4.321		380			4.413		380		
6	13.533	4.511		2.280		13.809	4.603		2.269	
	4.547		130			5.142		134		
	4.417		129			5.008		130		
	4.288		259			4.878		264		
7	13.252	4.417		2.539		15.028	5.009		2.533	
	5.449		130			5.308		130		
	5.319		128			5.178		130		B.M. 101-137
	5.191		258			5.048		260		S.P.R.R. & AVE. G. (MILEPOST 403)
8	15.959	5.320		2.797		15.534	5.178		2.793	
									2.797 5.590 =0.36 mi.	SUMMATION OF RUN B.M. 101-136 TO B.M. 101-137
										TOTAL BACKSIGHTS +40.552 TOTAL FORESIGHTS -43.855 DIFF IN ELEVATION -3.303
		40.552					43.855			

F.B. 2411 PG. 132

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 11812
From B.M. 101-137 To B.M. 101-136
Date 4-9-57
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
	5.313		131		#11	5.452		129		B.M. 101-137
	5.182		131			5.323		126		S.P.RR. & AVE G. (MILE POST 403)
	5.051		262			5.197		255		
1	15.546	5.182		.262	78°	15.972	5.324		.255	
	5.171		131			4.578		130		
	5.040		131			4.448		129		π J. MOODY
	4.909		262			4.319		259		
2	15.120	5.040		.524		13.345	4.448		.514	
	4.619		188			4.528		189		
	4.431		188			4.339		191		
	4.243		376			4.148		380		
3	13.293	4.431		.900		13.015	4.338		.894	
	5.588		191			5.782		189		
	5.397		189			5.593		190		
	5.208		380			5.403		379		
4	16.193	5.398		1.280		16.778	5.593		1.273	
	6.718		189			5.675	19.703	190		
	6.529		188			5.485		188		
	6.341		377			5.297		378		
5	19.588	6.529		1.657		16.457	5.486		1.651	
		26.580					25.189			

F.B. 2411 P.G. 133

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 VERY WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:15 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-137 To B.M. 101-136
Date 4-9-57
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
	5.557	26.580	191	1.657		5.366	25.189	189	1.651	
	5.366		188			5.177		189		
	5.178		379			4.988		378		
6	16.101	5.367		2.036		15.531	5.177		2.029	
	6.102		191			5.437		190		
	5.911		189			5.247		190		
	5.722		380			5.057		380		
7	17.735	5.912		2.416		15.741	5.247		2.409	
	5.908		186			4.849		191		
	5.722		189			4.658		190		B.M. 101-136 (U.S. Z-811, 1947)
	5.533		375			4.468		381		SIERRA Hwy AT STATION G-90450
8	17.163	5.721		2.791		13.975	4.658		2.790	
										SUMMATION OF RUN
										B.M. 101-137 TO B.M. 101-136
										TOTAL BACKSIGHTS +43.580
										TOTAL FORESIGHTS -40.271
										DIFF IN ELEVATION +3.309
		43.580					40.271			

F.B. 2411 P.G. 134

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. 50010
Notes by G. E. DREIER Time 9:15 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-137 To B.M. 101-138
Date 4-12-57
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
	4.752		193		#11	6.068		190		B.M. 101-137
	4.559		192			5.878		187		S.P.R.R. & AVE G.
1	4.367		385			5.691		377		
	13.678	4.559		.385	70°	17.637	5.879		.377	
	5.363		191			5.519		191		
	5.172		189			5.328		187		
	4.983		380			5.141		378		↑ J. MOODY
2	15.518	5.173		.765		15.988	5.329		.755	
	5.549		190			6.579		190		
	5.359		190			6.389		188		
	5.169		380			6.201		378		
3	16.077	5.359		1.145		19.169	6.390		1.133	
	5.588		190			5.765		190		
	5.398		190			5.575		189		
	5.208		380			5.386		379		
4	16.194	5.398		1.525		16.726	5.575		1.512	
	5.208		191			5.268		189		
	5.017		190			5.079		188		
	4.827		381			4.891		377		
5	15.052	5.017		1.906		15.238	5.079		1.889	
		25.506					28.252			

F.B. 2411 P.G. 135

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 WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 10:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-137 To B.M. 101-138
Date 4-12-57
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
	5.039	25.506	190	1.906		5.618	28.252	190	1.889	
	4.849		190			5.428		190		
	4.659		380			5.238		380		
6	14.547	4.849		2.286		16.284	5.428		2.269	
	5.288		187			6.373		191		
	5.101		190			6.182		189		
	4.911		377			5.993		380		
7	15.300	5.100		2.663		18.548	6.183		2.649	
	5.749		190			5.691		191		
	5.559		188			5.500		190		
	5.371		378			5.310		381		
8	16.679	5.560		3.041		16.501	5.500		3.030	
	5.023		191			5.870		190		
	4.832		189			5.680		188		
	4.643		380			5.492		378		
9	14.498	4.833		3.421		17.042	5.681		3.408	
	4.967		190			6.068		190		
	4.777		190			5.878		190		
	4.587		384			5.688		380		
10	14.331	4.777		3.805		17.634	5.878		3.788	
		50.625					56.922			

F.B. 2411 P.G. 136

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 WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-137 To B.M. 101-138
Date 4-12-56
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
	4.812	50.625	190	3.805		5.882	56.922	190	3.788	
	4.622		190			5.692		190		
	4.432		380			5.502		380		
11	13.866	4.622		4.185		17.076	5.692		4.168	
	5.008		191			5.454		191		
	4.817		189			5.263		189		
	4.628		380			5.074		380		
12	14.453	4.818		4.565		15.791	5.264		4.548	
	5.198		190			6.518		190		
	5.008		191			6.328		189		
	4.817		381			6.139		379		
13	15.023	5.008		4.946		18.985	6.328		4.927	
	5.465		192			5.972		190		
	5.273		188			5.782		190		
	5.085		380			5.592		380		
14	15.823	5.274		5.326		17.346	5.782		5.307	
	5.229		115			4.467		130		
	5.114		117			4.337		129		
	4.997		232			4.208		259		
15	15.340	5.113		5.558		13.012	4.337		5.566	
		75.460					84.325		5.558 11.124 = 0.72 mi.	

SUMMATION OF RUN
B.M. 101-137 TO B.M. 101-138
TOTAL BACKSIGHTS + 75.460
TOTAL FORESIGHTS − 84.325
DIFF IN ELEVATION − 8.865

B.M. 101-138 (U.S. 2135, Y 56, 1926)
SIERRA Hwy 3.2 mi. N. of
LANCASTER

F.B. 2411 P.G. 137

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 WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-138 To B.M. 101-137
Date 4-12-57
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
	4.179		124		#11	4.954		120		B.M. 101-138 (U.S. 2135, Y-56, 1926)
	4.055		125			4.834		120		SIERRA HWY 3.2 MI. N. OF
	3.930		249			4.714		240		LANCASTER
1	12.164	4.055		.249		14.502	4.834		.240	
	5.875		190			5.370		191		
	5.685		187			5.179		190		
	5.498		377			4.989		381		
2	17.058	5.686		.626		15.538	5.179		.621	
	6.559		191			5.233		190		
	6.368		187			5.043		190		
	6.181		378			4.853		380		
3	19.108	6.369		1.004		15.129	5.043		1.001	
	5.485		190			5.041		190		
	5.295		189			4.851		190		
	5.106		379			4.661		380		
4	15.886	5.295		1.383		14.553	4.851		1.381	
	5.917		192			4.842		190		
	5.725		190			4.652		188		
	5.535		382			4.464		378		
5	17.177	5.726		1.765		13.958	4.653		1.759	
		27.131					24.560			

F.B. 2411 P.G. 138

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: Weather: VERY WINDY - CLEAR Inst. No. 50010
Notes by: G.E. DREIER Time: 11:00 TO 12:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 101-138 To: B.M. 101-137
Date: 4-12-57
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
	6.137	27.131	190	1.765		5.032	24.568	190	1.759	
	5.947		190			4.842		190		
	5.757		380			4.652		380		
6	17.841	5.947		2.145		14.526	4.842		2.139	
	5.910		191			5.063		190		
	5.719		188			4.873		190		
	5.531		379			4.683		380		
7	17.160	5.720		2.524		14.619	4.873		2.519	
	5.679		191			5.737		189		
	5.488		189			5.548		187		
	5.299		380			5.361		376		
8	16.466	5.489		2.904		16.646	5.549		2.895	
	6.282		190			5.198		190		
	6.092		189			5.008		190		
	5.903		379			4.818		380		
9	18.277	6.092		3.283		15.024	5.008		3.275	
	5.622		194			5.039		191		
	5.428		190			4.848		187		
	5.238		384			4.661		378		TOO WINDY, QUIT.
10	16.288	5.429		3.667		14.548	4.849		3.653	
		55.808					49.681			

F.B. 2411 P.G. 139

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 [illegible] Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 101-138 To B.M. 101-137
Date 4-15-56
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
	5.348	5.808	190	3.667		5.286	4.681	191	3.653	
	5.158		190			5.095		190		
	4.968		380			4.905		381		
11	15.474	5.158		4.047		15.286	5.095		4.034	
	5.743		190			5.567		191		
	5.553		188			5.376		189		
	5.365		378			5.187		380		
12	16.661	5.554		4.425		16.130	5.377		4.414	
	6.598		191			5.562		190		
	6.407		189			5.372		190		
	6.218		380			5.182		380		SUMMATION OF RUN
13	19.223	6.408		4.805		16.116	5.372		4.794	B.M. 101-138 TO B.M. 101-137
	5.649		188			5.495		191		TOTAL BACKSIGHTS +84.327
	5.461		189			5.304		188		TOTAL FORESIGHTS -75.449
	5.272		377			5.116		379		DIFF IN ELEVATION +8.878
14	16.382	5.461		5.182		15.915	5.305		5.173	
	6.128		191			4.811		192		
	5.937		189			4.619		191		B.M. 101-137
	5.748		380			4.428		383		S.P.R.R. & AVE G.
15	17.813	5.938		5.562		13.858	4.619		5.556	
	84.327					75.449				

F.B. 2411 P.G. 140

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 GUSTY WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:55 TO 11:40 Rod No. 11 812

Name L. A. CO. [illegible]
Job No. 0301.02
From B.M. 101-138 To B.M. 101-139
Date 4-15-57
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
	4.152		184		#11	6.152		190		B.M. 101-138 (W.S. 2135, Y-56, 1926)
	3.968		186			5.962		190		S.P.R.R., 3.2 MI. N. OF LANCASTER
	3.782		370			5.772		380		
1	11.902	3.967		370		17.886	5.962		380	
	5.483		190			5.832		190		⊼ J. MOODY
	5.293		191			5.642		189		
	5.102		381			5.453		379		
2	15.878	5.293		.751		16.927	5.642		.759	
	5.345		194			5.651		187		
	5.151		192			5.464		184		
	4.959		386			5.280		371		
3	15.455	5.152		1.137		16.395	5.465		1.130	
	5.189		190			5.051		189		
	4.999		190			4.862		187		
	4.809		380			4.675		376		
4	14.997	4.999		1.517		14.588	4.863		1.506	
	5.188		193			6.085		192		
	4.995		192			5.893		190		
	4.803		385			5.703		382		
5	14.986	4.995		1.902		17.681	5.894		1.888	
		24.406					27.826			

F.B. 2411 P.G. 141

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather GUSTY WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time To 11.40 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-138 To B.M. 101-139
Date 4-15-57
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
	5.162	24406	191	1.902		5.742	27.326	190	1.888	
	4.971		189			5.552		189		
	4.782		380			5.363		379		
6	14.915	4.972		2.282		16.657	5.552		2.267	
	5.658		190			5.408		191		
	5.468		189			5.217		190		
	5.279		379			5.027		381		
7	16.405	5.468		2.661		15.652	5.217		2.648	
	5.408		190			5.852		190		
	5.218		189			5.662		189		
	5.029		379			5.473		379		
8	15.655	5.218		3.040		16.987	5.662		3.027	~~U.S.G.S. 2302~~
	4.808		164			4.105		171		B.M. 101-139 (U.S. 815, B.M. 33 1902)
	4.644		162			3.934		169		S.P.R.R. 3.6 MI. N. OF LANCASTER
	4.482		326			3.765		340		
9	13.934	4.645		3.366		11.804	3.935		3.367	
									3.366	
									6.733	
									= 0.43 mi.	
		44.709					48.192			

F.B. 2411 P.G. 142

SUMMATION OF RUN
B.M. 101-138 TO B.M. 101-139
TOTAL BACKSIGHTS + 44.709
TOTAL FORESIGHTS − 48.192
DIFF IN ELEVATION − 3.483

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 WINDY-PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-139 To B.M. 101-138
Date 4-15-57
Indexed K. 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
	4.055		170		#11	4.759		161		B.M. 101-139 (U.S. 815 U.S.G.S 2302 B.M. 33, 1902
	3.885		167			4.598		163		S.P. R.R., 3.6 mi. N. of LANCASTER
	3.718		337			4.435		324		
1	11.658	3.886		.337	68°	13.792	4.597		.324	
	5.819		190			5.375		190		
	5.629		188			5.185		190		T J. MOODY
	5.441		378			4.995		380		
2	16.889	5.630		.715		15.555	5.185		.704	
	5.321		192			5.571		191		
	5.129		188			5.380		189		
	4.941		380			5.191		380		
3	15.391	5.130		1.095		16.142	5.381		1.084	
	5.681		189			5.101		190		
	5.492		187			4.911		192		
	5.305		376			4.719		382		
4	16.478	5.493		1.471		14.731	4.910		1.466	
	6.094		192			5.198		193		
	5.902		188			5.005		192		
	5.714		380			4.813		385		
5	17.710	5.903		1.851		15.016	5.005		1.851	
		26.042					25.078			

F.B. 241 P.G. 143

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 WINDY, PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 2:30 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-139 To B.M. 101-138
Date 4-15-57
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
	5.142	26.042	190	1.851		5.278	25.278	190	1.851	
	4.952		186			5.088		190		
	4.766		376			4.898		380		
6	14.860	4.953		2.227		15.264	5.088		2.231	
	5.542		185			5.241		193		
	5.357		186			5.048		193		
	5.171		371			4.855		386		
7	16.070	5.357		2.598		15.144	5.048		2.617	
	5.857		190			5.505		190		
	5.667		188			5.315		190		
	5.479		378			5.125		380		
8	17.003	5.668		2.976		15.945	5.315		2.997	
	6.217		195			4.211		182		B.M. 101-138 (U.S. 2135 Y-56, 1926)
	6.022		193			4.029		180		S.P.R.R., 3.2 MI. N. OF LANCASTER
	5.829		398			3.849		362		
9	18.068	6.023		3.374		12.089	4.030		3.359	
		48.043					44.559			SUMMATION OF RUN B.M. 101-139 TO B.M. 101-138 TOTAL BACKSIGHTS +48.043 TOTAL FORESIGHTS -44.559 DIFF. IN ELEVATION +3.484

F.B. 2411 P.G. 144

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: [illegible] Weather: WINDY - CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 11:40 TO 1:30 Rod No. 11 812

Name: L. A. CO. [illegible]
Job No. 0301.02
From: B.M. 101-139 To: B.M. 101-142
Date: 4-15-57
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
	4.398		190		#12	5.888		190		B.M. 101-139 (U.S. 815, U.S.G.S. 2302, B.M. 33 1902)
	4.208		190			5.698		191		S.P.R.R. 3.6 MI. N. OF LANCASTER
	4.018		380			5.507		381		
1	12.624	4.208		.380	70°	17.093	5.698		381	
	4.979		197			5.428		184		T J. MOODY
	4.782		193			5.244		185		
	4.589		390			5.059		369		
2	14.350	4.783		.770		15.731	5.244		.750	
	5.255		193			5.535		189		
	5.062		191			5.346		189		
	4.871		384			5.157		378		
3	15.188	5.063		1.154		16.038	5.346		1.128	
	6.089		197			1.709		211		
	5.892		194			1.498		211		
	5.698		391			1.287		422		
4	17.679	5.893		1.545		4.494	1.498		1.550	
	2.621		184			6.406		187		
	2.437		183			6.219		187		
	2.254		367			6.032		374		
5	7.312	2.437		1.912		18.657	6.219		1.924	
		22.384					29.005			

F.B. 2411 P.G. 145

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 WINDY-CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 11.40 TO 1.30 Rod No. 1912

Name L. A. [illegible]
Job No. 0301.02
From B.M. 101-139 To B.M. 101-142
Date 4-15-57
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
	5.545	22.384	161	1.912		4.499	24.005	174	1.924	+27.769
	5.384		158			4.325		173		-28.330
	5.226		319			4.152		347		-0.561
6	16.155	5.385		2.231		12.976	4.325		2.271	
		27.769					2.330		2.231	B.M. 101-140 (U.S. OBAN #1 1941)
									4.502	W. of Hwy 3.9 mi. N. of LANCASTER
									0.29 mi.	
	6.029		033			3.395		032		+5.996
	5.996		032			3.363		031		-3.363
	5.964		065			3.332		063		+2.633
7	17.989	5.996		2.296		10.090	3.363		2.334	
										B.M. 101-141 (U.S. OBAN, 1929)
										W. of Hwy 3.9 mi. N. of LANCASTER
										+2.143
										-4.904
										-2.761
	2.208		065			4.955		051		
	2.143		065			4.904		051		B.M. 101-142 (U.S. OBAN #2 1941)
	2.078		130			4.853		102		W. of Hwy 3.9 mi. N. of LANCASTER
8	6.429	2.143		2.426		14.712	4.904		2.436	
									2.426	
									4.862	
									=0.31 mi.	

F.B. 2411 P.G. 146

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [illegible] Weather: WINDY Inst. No. 50010
Notes by: G.E. DREIER Time: 1:30 To 2:30 Rod No. 11 & 12

Name: [illegible]
Job No. 0301.02
From BM 101-142 To BM 101-139
Date 4-15-57
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
	5.096		058		#12	2.337		061		B.M. 101-142 (U.S. OBAN No. 2, 1941)
	5.038		056			2.276		060		W. of Hwy 3.9 mi. N. of LANCASTER
	4.982		114			2.216		121		
1	15.116	5.039		114	70°	6.829	2.276		.121	
	- 2.276									B.M. 101-141 (U.S. OBAN 1929
	+ 2.763									W. of Hwy 3.9 mi. N. of LANCASTER
										↑ J. MOODY
	3.019		031			5.654		032		
	2.988		032			5.622		032		
	2.956		063			5.590		.064		
2	8.963	2.988		.177		16.866	5.622		.185	
							2.988			B.M. 101-140 (U.S. OBAN #1, 1941)
							2.634			W. of Hwy 3.9 mi. N. of LANCASTER
	4.681		166			5.742		167		
	4.515		167			5.575		166		
	4.348		333			5.409		333		
3	13.544	4.515		.510		16.726	5.575		.518	

F.B. 2411 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 G. E. [illegible] Weather VERY WINDY CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:30 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 101-142 To B.M. 101-139
Date 4-15-57
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
	5.623	4515	186	510		1.847	5.575	186	.518	
	5.437		186			1.661		184		
	5.251		372			1.477		370		
4	16.371	5.437		.882		4.985	1.662		.888	
	1642		211			6.025		197		
	1.431		210			5.828		196		
	1.221		421			5.632		393		
5	4.294	1.431		1.303		17.485	5.828		1.281	
	5.542		190			5.267		194		
	5.352		189			5.073		191		
	5.163		379			4.882		385		
6	16.057	5.352		1.682		15.222	5.074		1.666	
	5.502		186			5.054		196		+27.762
	5.316		184			4.858		193		-27.218
	5.132		370			4.665		389		+0.544
7	15.950	5.317		2.052		14.577	4.859		2.055	
	5.898		188			4.413		194		
	5.710		187			4.219		192		B.M. 101-139 (U.S. 815 U.S.G.S 2302, B.M. 33, 1902)
	5.523		375			4.027		386		S.P.R.R. 3.6 mi N. of LANCASTER
8	17.131	5.710		2.427		12.659	4.220		2.441	
		27.762					27.218			

F.B. 2411 P.G. 148

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-140 To B.M. 101-139
Date 4-17-57
Indexed A. C. Johnson

RERUN

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.778		168		#11	5.836		167		B.M. 101-140 (U.S. , OBAN No. 1, 1941)
	4.610		165			5.669		167		W. of Hwy 3.9 mi. N. of LANCASTER
	4.445		333			5.502		334		
1	13.833	4.611		.333	57°	17.007	5.669		.334	
	5.413		190			1.633		183		↑ J. Moody
	5.223		186			1.450		182		
	5.037		376			1.268		365		
2	15.673	5.224		.709		4.351	1.450		.699	
	1.608		212			5.992		198		
	1.396		211			5.794		196		
	1.185		423			5.598		394		
3	4.189	1.396		1.132		17.384	5.795		1.093	
	5.577		185			5.316		198		
	5.392		182			5.118		196		
	5.210		367			4.922		394		
4	16.179	5.393		1.499		15.356	5.119		1.487	
	5.479		187			5.029		195		
	5.292		183			4.834		192		
	5.109		370			4.642		387		
5	15.880	5.293		1.869		14.505	4.835		1.874	
		21.917					22.868			

F.B. 2411 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 CLOUDY-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO 2:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M.101-140 To B.M.101-139
Date 4-17-57
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
	5.912	21.917	193	1.869		4.419	22.368	190	1.874	
	5.719		190			4.229		190		
	5.529		383			4.039		380		B.M.101-139 (U.S. 815, U.S.G.S. 2302 B.M. 33, 1902)
6	17.160	5.720		2.252		12.687	4.229		2.254	S.P.R.R., 3.6 mi. N. of LANCASTER
										SUMMATION OF RUN
										B.M. 101-140 TO B.M. 101-139
										TOTAL BACKSIGHTS +27.637
										TOTAL FORESIGHTS -27.097
										DIFF IN ELEVATION +0.540
		27.637					27.097			

F.B. 2411 P.G. 150

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 CLOUDY Inst. No. 50010
Notes by G. E DREIER Time 2:20 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-139 To B.M. 101-140
Date 4-17-57
Indexed K. 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	RERUN DESCRIPTION AND REMARKS
	4.432		190		#11	5.925		193		B.M. 101-139 (U.S. 815, U.S.G.S. 2302, B.M. 33, 1902)
	4.242		190			5.732		190		S.P.R.R., 3.6 mi. N. of LANCASTER
	4.052		380			5.542		383		
1	12.726	4.242		380	57°	17.199	5.733		.383	
	5.005		194			5.451		186		
	4.811		193			5.265		186		T J. MOODY
	4.618		387			5.079		372		
2	14.434	4.811		.767		15.795	5.265		.755	
	4.994		193			5.268		190		
	4.801		192			5.078		187		
	4.609		385			4.891		377		
3	14.404	4.801		1.152		15.237	5.079		1.132	
	5.837		198			1.452		211		
	5.639		194			1.241		210		
	5.445		392			1.031		421		
4	16.921	5.640		1.544		3.724	1.241		1.553	
	1.622	19.494	184			5.401	17.318	186		
	1.438		183			5.215		190		
	1.255		367			5.025		376		
5	4.315	1.438		1.911		15.641	5.214		1.929	
		20.932					22.532			

F.B. 2411 P.G. 151

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 CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NP
Job No. D301.02
From B.M. 101-139 To B.M. 101-140
Date 4-17-57
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	RERUN DESCRIPTION AND REMARKS
	5.793	20.932	166	1.911		4.732	22.532	167	1.929	
	5.627		166			4.565		166		
	5.461		332			4.399		333		B.M. 101-140 (U.S. OBAN NO. 1 1941)
6	16.881	5.627		2.243		13.696	4.565		2.262	W. OF HWY 3.9 MI. N. OF LANCASTER
										SUMMATION OF RUN
										B.M. 101-139 TO B.M. 101-140
										TOTAL BACKSIGHTS + 26.559
										TOTAL FORESIGHTS - 27.097
										DIFF IN ELEVATION - 0.538
		26.559					27.097			

F.B. 2411 P.G. 152

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: B. E. DREIER
Notes by: G.E. DREIER
Weather: BREEZE CLEAR
Time: 7:30 TO 8:20
Inst. No. 50010
Rod No. 11 & 12

Name: [illegible]
Job No. 0391.02
From: B.M. 101-142 To: B.M. 101-143
Date: 4-19-57
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
	4.239		140		#11	5.115		152		B.M. 101-142 (U.S. 1941, OBAN No 2)
	4.099		140			4.963		148		W. of Hwy 3.9 mi. N. of LANCASTER
	3.959		280			4.815		300		
1	12.297	4.099		280	54°	14.893	4.964		300	
	5.089		190			5.675		177		
	4.899		189			5.498		175		T J. MOODY
	4.710		379			5.323		352		
2	14.698	4.899		.659		16.496	5.499		.652	
	5.507		190			5.629		192		
	5.317		189			5.437		189		
	5.128		379			5.248		381		
3	15.952	5.317		1.038		16.314	5.438		1.033	
	5.470		189			5.713		190		
	5.281		189			5.523		190		
	5.092		378			5.333		380		
4	15.843	5.281		1.416		16.569	5.523		1.413	
	5.522		193			5.737		189		
	5.329		190			5.548		186		
	5.139		383			5.362		375		
5	15.990	5.330		1.799		16.647	5.549		1.788	
		24.926					26.973			

F.B. 2411 P.G. 153

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. [illegible] Weather BREEZY CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 7:30 TO 8:20 Rod No. 11 & 12

Name L. A. CO. [illegible]
Job No. 0301.02
From B.M. 101-142 To B.M. 101-143
Date 4-19-57
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
	5.391	24.926	190	1,799		5.498	26.973	190	1.788	
	5.201		190			5.308		189		
	5.011		380			5.119		379		
6	15.603	5.201		2,179		15.925	5.308		2,167	
	5.719		189			5.629		190		
	5.530		188			5.439		190		
	5.342		377			5.249		380		
7	16.591	5.530		2,556		16.317	5.439		2,547	
	5.115		192			5.673		191		
	4.923		188			5.482		190		
	4.735		380			5.292		381		
8	14.773	4.924		2,936		16.447	5.482		2,928	
	5.431		190			5.648		191		
	5.241		189			5.457		190		
	5.052		379			5.267		381		
9	15.724	5.241		3,315		16.372	5.457		3,309	
	5.597		190			5.587		190		
	5.407		189			5.397		189		
	5.218		379			5.208		379		
10	16.222	5.407		3,694		16.192	5.397		3,688	
		51.229					54.056			

F.B. 2411 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 BREEZE CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 7:30 TO 8:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-142 To B.M. 101-143
Date 4-19-57
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
	5.545	51.229	190	3.694		5.781	54.056	192	3.688	
	5.355		187			5.589		188		
	5.168		377			5.401		380		
11	16.068	5.356		4.071		16.771	5.590		4.068	
	5.393		190			6.125		190		
	5.203		188			5.935		187		
	5.015		378			5.748		377		
12	15.611	5.204		4.449		17.808	5.936		4.445	
	7.230		146			4.158		140		
	7.084		145			4.018		139		
	6.939		291			3.879		279		B.M. 101-143 (U.S. , H-487,195)
13	21.253	7.084		4.740		12.055	4.018		4.724	S.P.R.R. & AVE E
									4.740	
									9.464	= 0.61 mi
										SUMMATION OF RUN
										B.M. 101-142 TO B.M. 101-143
										TOTAL BACKSIGHTS +68.873
										TOTAL FORESIGHTS -69.600
										DIFF IN ELEVATION -0.727
		68.873					69.600			

F.B. 2411 P.G. 155

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. 50010
Notes by G. E. DREIER Time 9:45 TO Rod No. 11 & 12

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-143 To B.M. 101-142
Date 4-19-57
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
	4.274		137			7.349		147		B.M. 101-143 (U.S. H-487, 1955)
	4.137		138			7.202		143		S.P. RR. & AVE. E.
	3.999		275			7.059		290		
1	12.410	4.137		.275		21.610	7.203		.290	
	6.083		188			5.349		190		J. Moody
	5.895		188			5.159		190		
	5.707		376			4.969		380		
2	17.685	5.895		.651		15.477	5.159		.670	
	5.808		190			5.577		192		
	5.618		189			5.385		188		
	5.429		379			5.197		380		
3	16.855	5.618		1.030		16.159	5.386		1.050	
	5.555		190			5.567		191		
	5.365		190			5.376		188		
	5.175		380			5.188		379		
4	16.095	5.365		1.410		16.131	5.377		1.429	
	5.618		191			5.403		191		
	5.427		190			5.212		189		
	5.237		381			5.023		380		
5	16.282	5.427		1.791		15.638	5.213		1.809	
		26.442					28.338			

F.B. 2411 P.G. 156

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. [illegible] Weather WINDY - CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:45 TO Rod No. 11 & 12

Name L. A. CO. PROPOSED [illegible] NET
Job No. 0301.02
From B.M. 101-143 To B.M. 101-142
Date 4-19-57
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
	5.639	26.442	190	1.791		5.078	28.338	190	1.809	
	5.449		190			4.888		190		
	5.259		380			4.698		380		
6	16.347	5.449		2.17		14.664	4.888		2.189	
	5.589		189			5.682		190		
	5.400		190			5.492		188		
	5.210		379			5.304		378		
7	16.199	5.400		2.550		16.478	5.493		2.567	
	5.477		190			5.368		190		
	5.287		190			5.178		190		
	5.097		380			4.988		380		
8	15.861	5.287		2.930		15.534	5.178		2.947	
	5.655		188			5.441		192		
	5.467		188			5.249		190		
	5.279		376			5.059		382		
9	16.401	5.467		3.306		15.749	5.250		3.329	
	5.658		190			5.413		191		
	5.468		190			5.222		187		
	5.278		380			5.035		378		
10	16.404	5.468		3.686		15.670	5.223		3.707	
		53.513					54.370			

F.B. 2411 P.G. 157

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 101-143 To B.M. 101-142
Date 4-19-57
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
	5.576	5.3513	191	3.686		5.457	5.2370	191	3.707	
	5.385		190			5.266		189		
	5.195		381			5.077		380		
11	16.156	5.385		4.067		15.800	5.267		4.087	
	5.837		180			5.239		186		
	5.657		180			5.053		184		
	5.477		360			5.869		370		
12	16.971	5.657		4.427		16.161	5.054		4.457	
	5.163		150			4.293		140		
	5.013		151			4.153		140		B.M. 101-142 (U.S. 1941 OBAN NO. 2)
	4.862		301			4.013		280		W. OF Hwy 3.9 MI. N. OF LANCASTER
13	15.038	5.013		4.728		12.459	4.153		4.737	
F.B. 2411 P.G. 158										SUMMATION OF RUN
										B.M. 101-143 TO B.M. 101-142
										TOTAL BACKSIGHTS +69.568
										TOTAL FORESIGHTS −68.844
										DIFF IN ELEVATION +0.724
		69.568					68.844			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE CLEAR Inst. No. 50010
Notes by J. MOORY Time 8:25 to 8:55 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 101-143 To B.M. 101-144
Date 4-19-57
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
	4457		188		#11	7168		189		B.M. 101-143 (U.S. H-487, 1955)
	4263		184			6979		187		S.P.R.R. & AVE. E
	4079		372			6792		376		
1	12793	4.264		372	58°	20939	6.980		376	π G.E. DREIER
	7161		182			7711		178		
	6979		181			7533		178		
	6798		363			7355		356		
2	20938	6.979		735		22599	7.533		732	
	7703		190			7738		191		
	7513		190			7547		189		
	7323		380			7358		380		
3	22539	7.513		1.115		22643	7.548		1.112	
	8290		190			5487		169		
	8100		189			5318		167		
	7911		379			5151		336		
4	24301	8.100		1.494		15956	5.319		1.448	
	3164		187			4950		187		
	2977		185			4763		185		
	2792		372			4578		372		
5	8933	2.978		1.866		14291	4.764		1.820	
		29.834					32.144			

F.B. 2411 P.G. 159

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Breeze & clear Inst. No. 50010
Notes by J. Moody Time 8:25 to 8:55 Rod No. 11412

Name [illegible]
Job No. 03.01.02
From BM 101-143 To BM 101-144
Date 4-19-57
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
	5503	29.834	190	1866		5640	32.144	188	182.0	
	5313		190			5452		189		
	5123		380			5263		377		
6	16939	5.313		2246		16355	5.452		2197	
	5881		192			5456		195		SUMMATION OF RUN
	5689		192			5261		193		B.M. 101-143 TO B.M. 101-144
	5497		384			5068		388		TOTAL BACKSIGHTS +51.535
7	17067	5.689		2638		15785	5.262		2585	TOTAL FORESIGHTS -53.621
	5426		189			5602		189		DIFF IN ELEVATION -2.086
	5237		189			5413		190		
	5048		378			5223		379		
8	15711	5.237		3008		16238	5.413		2964	
	5618		156			5508		158		BM 101-144
	5462		155			5350		157		S.P.R.R. & SEMAPHORE #4006
	5307		311			5193		315		
9	16387	5.462		3319		16051	5.350		3279	
									3319	
									6598	
									=0.42 m.	

F.B. 2411 P.G. 160

51.535 53.621

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Chief of Party ..... Weather Breeze & clear Inst. No. 50010
Notes by J. Moody Time 9:00 to 9:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-144 To BM 101-143
Date 4-19-57
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
	5576		158		#11	5689		157		BM 101-144
	5418		156			5532		155		S.P.R.R. & SEMATHORE #4006
	5262		314			5377		312		
1	16256	5419		314	60°	16598	5533		312	
	5571		188			5393		189		
	5383		185			5204		188		
	5198		373			5016		377		
2	16152	5384		687		16613	5204		689	
	5458		190			5890		197		
	5268		189			5693		195		
	5079		379			5498		392		
3	16805	5268		1066		17081	5694		1081	
	5600		188			5467		193		
	5412		185			5274		191		
	5227		373			5083		384		
4	16239	5413		1439		16824	5275		1465	
	5008		188			3221		186		
	4820		187			3035		185		
	4633		375			2850		371		
5	14461	4820		1814		9106	3035		1836	
		26304					24741			

F.B. 2411 P.G. 161

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather Breeze & clear Inst. No. 50010
Notes by J. Moody Time 9:00 to 9:45 Rod No. 11 & 12

Name [illegible]
Job No. 0 30102
From BM 101-144 To BM 101-143
Date 4-19-57
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
	5400	26304	174	1814		8190	24741	184	1836	
	5226		173			8006		185		
	5053		347			7821		369		
6	15679	5226		2160		24017	8006		2205	
	7820		199			7773		183		
	7621		200			7590		183		
	7421		399			7407		366		
7	22862	7621		2560		22770	7590		2571	
	7759		182			7198		180		
	7577		183			7018		176		
	7394		365			6842		356		
8	22730	7577		2925		21058	7019		2927	
	7.190		187			4.477		187		BM 101-143 (U.S. , H487, 1955)
	7.003		187			4.290		187		S.P.R.R & AVE. E.
	6.816		374			4.103		374		
9	21.009	7003		3.299		12.870	4.290		3301	
										SUMMATION OF RUN
										B.M. 101-144 TO B.M. 101-143
										TOTAL BACKSIGHTS +53.731
										TOTAL FORESIGHTS -51.646
	53.731					51.646				DIFF IN ELEVATION + 2.085

F.B. 2411 P.G. 162

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:05 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 101-144 To B.M. 101-145
Date 4-23-57
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
	5413		196		#11	5241		187		B.M. 101-144
	5217		194			5054		185		S.P.RR. AT SEMAPHORE #4006
	5023		390			4869		372		
1	15653	5218		.390	68°	15164	5055		.372	
	5331		189			4650		191		
	5142		190			4459		191		
	4952		379			4268		382		π J. MOODY
2	15425	5142		.769		13377	4459		.754	
	5337		195			5117		188		
	5142		191			4929		187		
	4951		386			4742		375		
3	15430	5143		1.155		14788	4929		1.129	
	5735		192			5901		192		
	5543		188			5709		190		
	5355		380			5519		382		
4	16633	5544		1.535		17129	5710		1.511	
	5152		190			5168		190		
	4962		190			4978		189		
	4772		380			4789		379		
5	14886	4962		1.915		14935	4978		1.890	
		26009					25131			

F.B. 2411 P.G. 163

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50016
Notes by G.E. DREIER Time 11:05 TO 12:05 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-144 To B.M. 101-145
Date 4-23-57
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
	5.201	26.009	190	1.915		5.595	25.151	192	1.890	
	5.011		190			5.403		188		
	4.821		380			5.215		380		
6	15.033	5.011		2.295		16.213	5.404		2.270	
	5.511		188			5.382		191		
	5.323		188			5.191		188		
	5.135		376			5.003		379		
7	15.969	5.323		2.671		15.576	5.192		2.649	
	5.475		193			5.397		190		
	5.282		190			5.207		190		
	5.092		383			5.017		380		
8	15.849	5.283		3.054		15.621	5.207		3.029	
	5.205		190			5.278		190		
	5.015		187			5.088		190		
	4.828		377			4.898		380		
9	15.048	5.016		3.431		15.264	5.088		3.409	
	5.522		193			5.128		189		
	5.329		190			4.939		190		
	5.139		383			4.749		379		
10	15.990	5.330		3.814		14.816	4.939		3.788	
		51.972					51.961			

F.B. 2411 PG. 164

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 11:05 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M.101-144 To B.M.101-145
Date 4-23-57
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
	6.325	5.972	148	3.814		5.698	5.961	160	3.788	
	6.177		148			5.538		159		
	6.029		296			5.379		319		B.M.101-145 (U.S. X-56,192)
11	18.531	6.177		4.110		16.615	5.538		4.107	SIERRA Hwy & AVE. D (Hwy 138)
									4.110	
									8.217	
									=0.53 mi.	
										SUMMATION OF RUN
										B.M. 101-144 TO B.M. 101-145
										TOTAL BACKSIGHTS +58.149
										TOTAL FORESIGHTS -56.499
										DIFF IN ELEVATION +1.650
										F.B. 2411 P.G. 165
		58.149					56.499			

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 NW
Job No.
From To
Date
Indexed A. 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. 2411 P.G. 166

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:05 Rod No. 11 & 12

Name L. A. CO [illegible]
Job No. 0301.02
From B.M. 101-145 To B.M. 101-144
Date 4-23-57
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
	5.667		160		#11	6.294		151		B.M. 101-145 (U.S. Y-56, 1926)
	5.507		159			6.143		147		SIERRA Hwy & AVE D. (Hwy 138)
	5.348		319			5.996		298		
1	16.522	5.507		319	63°	18.433	6.144		.298	
	5.107		190			5.499		190		
	4.917		190			5.309		191		
	4.727		380			5.118		381		↑ J. MOODY
2	14.751	4.917		699		15.926	5.309		.679	
	5.312		189			5.247		192		
	5.123		186			5.055		190		
	4.937		375			4.865		382		
3	15.372	5.124		1.074		15.167	5.056		1.061	
	5.409		190			5.489		190		
	5.219		188			5.299		191		
	5.031		378			5.108		381		
4	15.659	5.220		1.452		15.896	5.299		1.442	
	5.371		190			5.503		190		
	5.181		189			5.313		186		
	4.992		379			5.127		376		
5	15.544	5.181		1.831		15.943	5.314		1.818	
		25.949					27.122			

F.B. 2411 P.G. 167

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. 50010
Notes by G. E. DREIER Time 10:00 To 11:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030162
From B.M. 101-145 To B.M. 101-144
Date 4-23-57
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
	5.602	5.949	193	1.831		5.208	27.122	190	1.818	
	5.409		189			5.018		190		
	5.220		382			4.828		380		
6	16.231	5.410		2.213		15.054	18		2.198	
	5.169		191			5.149		190		
	4.978		188			4.959		190		
	4.790		379			4.769		380		
7	14.937	4.979		2.592		14.877	4.959		2.578	
	5.886		191			5.719		191		
	5.695		192			5.528		189		
	5.503		383			5.339		380		
8	17.084	5.695		2.975		16.586	5.129		2.958	
	5.148		187			5.362		191		
	4.961		188			5.171		192		
	4.773		375			4.979		383		
9	14.882	4.961		3.350		15.512	5.171		3.341	
	4.659 4.699		190			5.343		188		
	4.469		190			5.155		187		
	4.279		380			4.968		375		
10	13.407	4.469		3.730		15.466	5.155		3.716	
		51.463					52.154			

F.B. 2411 P.G. 168

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 WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-145 To B.M. 101-144
Date 4-22-57
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
	5212	51.463	185	3.730		5.387	52.954	195	3.716	
	5.027		185			5.192		193		B.M. 101-144
	4.842		370			4.999		388		S.P.RR AT SEMAPHORE 4006
11	5.081	5.027		4.100		5.578	5.193		4.104	
		56.490					58.147			

SUMMATION OF RUN
B.M. 101-145 TO B.M. 101-144
TOTAL BACKSIGHTS +56.490
TOTAL FORESIGHTS -58.147
DIFF IN ELEVATION - 1.657

F.B. 2411 PG. 169

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

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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. 2411 P.G. 170

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 50010
Notes by J. MOODY Time 9:10 to 9:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030103
From BM 101-145 To BM 101-146
Date 4-24-57
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
	4812		195		#11	4968		189		BM. 101-145 (U.S. X-56, 1926
	4617		194			4779		189		SIERRA HWY & AVE "D"
	4423		389			4590		378		(HWY # 138)
1	13852	4617		389	70°	14337	4779		378	T G.E. DREIER
	5525		192			5532		190		
	5333		190			5342		189		
	5143		382			5153		379		
2	16001	5334		771		16027	5342		757	
	5820		187			5715		189		
	5633		187			5526		188		
	5446		374			5338		377		
3	16899	5633		1145		16579	5526		1134	
	6216		188			5513		190		
	6028		190			5323		191		
	5838		378			5132		381		
4	18082	6027		1523		15968	5323		1515	
	5378		190			5969		190		
	5188		190			5779		189		
	4998		380			5590		379		
5	15564	5188		1903		17338	5779		1894	
		26799					26749			

F.B. 2411 P.G. 171

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. 50010
Notes by J. MOODY Time 9:10 to 9:55 Rod No. 11212

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 101-145 To B.M. 101-146
Date 4-24-57
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
	5975	26799	188	1903		5921	26749	190	1894	
	5787		189			5731		190		
	5598		377			5541		380		
6	17360	5787		2280		17193	5731		2274	
	5503		191			5334		187		
	5312		190			5147		188		
	5122		381			4959		375		
7	15937	5312		2661		15440	5147		2649	
	5501		193			5582		185		
	5308		193			5397		185		
	5115		386			5212		370		
8	16924	5308		3047		16191	5397		3019	
	6033		193			5946		187		
	5840		191			5759		186		
	5649		384			5573		373		
9	17522	5841		3431		17278	5759		3392	
	4913		188			5297		196		
	4725		189			5101		193		
	4536		377			4908		389		
10	14174	4725		3808		15306	5102		3781	
		53772					53885			

F.B. 2411 P.G. 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOORY Time 9:10 to 9:55 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-145 To BM 101-146
Date 4-24-57
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
	5958	53.772	185	3.808		5143	53.885	194	3.781	
	5773		181			4949		192		
	5592		366			4757		386		
11	17323	5.774		4.174		14849	4.950		4.167	
	5190		187			5482		193		
	5003		187			5289		192		
	4816		374			5097		385		
12	15009	5.003		4.548		15868	5.289		4.552	
	5446		114			5269		111		BM 101-146
	5332		113			5158		110		S. P. R. R. & AT SEMAPHORE #3992
	5219		227			5048		221		
13	15997	5.332		4.775		15475	5.158		4.773	
									4.775	
									9.548	SUMMATION OF RUN
									= 0.61 mi.	B.M. 101-145 TO B.M. 101-146
										TOTAL BACKSIGHTS + 69.881
										TOTAL FORESIGHTS - 69.282
										DIFF IN ELEVATION + 0.599
		69.881					69.282			

F.B. 2411 PG. 173

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 10:00 to 11:00 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-146 To BM 101-145
Date 4-24-57
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
	5302		110		#11	5479		112		B.M 101-146
	5192		111			5367		113		S.P.R.R. AT SEMAPHORE #3992
	5081		221			5254		225		
1	15575	5192		221	7°	16100	5367		225	
	5389		196			5099		189		
	5199		191			4910		188		⊼ G.E. DREIER
	5008		381			4722		377		
2	15596	5199		602		14731	4910		602	
	5171		190			5994		188		
	4981		190			5806		188		
	4791		380			5618		376		
3	14943	4981		982		17418	5806		978	
	5077		195			4694		187		
	4882		194			4507		187		
	4688		389			4320		374		
4	14647	4882		1371		13521	4507		1352	
	6142		186			6228		190		
	5956		188			6038		190		
	5768		374			5848		380		
5	17866	5955		1745		18114	6038		1732	
		26209					26628			

F.B. 2411 P.G. 174

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. 50010
Notes by J. MOODY Time 10:00 to 11:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-146 To BM 101-145
Date 4-24-57
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
	5567	26.209	186	1.745		5487	26.628	194	1.732	
	5381		184			5293		192		
	5197		370			5101		386		
6	16145	5.382		2.115		15881	5.294		2.118	
	5488		189			5659		190		
	5299		188			5469		191		
	5111		377			5278		381		
7	15898	5.299		2.492		16406	5.469		2.499	
	5954		189			6007		188		
	5765		187			5819		188		
	5577		376			5631		376		
8	17296	5.765		2.868		17457	5.819		2.875	
	6006		189			5417		191		
	5817		189			5226		189		
	5628		378			5037		380		
9	17451	5.817		3.246		15680	5.227		3.255	
	5967		191			6673		190		
	5776		190			6483		187		
	5586		381			6296		377		
10	17329	5.776		3.627		19452	6.484		3.632	
		54.248					54.921			

F.B. 2411 P.G. 175

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 10:00 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-146 To BM 101-145
Date 4-24-57
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
	5761	54.248	190	3627		5864	54.921	185	3632	
	5577		190			5679		186		
	5381		380			5493		371		SUMMATION of RUN
11	16713	5.571		4007		17.036	5.679		4003	BM 101-146 - BM 101-145
	5427		187			5423		194		total BACKSIGHTS +69.900
	5240		184			5229		194		" FORESIGHTS -70.505
	5056		371			5035		388		DIFF IN ELEV. -0.605
12	15723	5.241		4378		15687	5.229		4391	
	5033		194			4863		188		B.M. 101-145
	4839		192			4675		186		SIERRA HWY & AVE "D"
	4647		386			4489		374		(HWY 138)
13	14519	4.840		4764		14027	4.676		4765	
		69.900					70.505			

F.B. 2411 P.G. 176

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:10 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-146 To B.M. 101-147
Date 4-24-57
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
	4.962		190		#11	5.629		188		B.M. 101-146
	4.772		190			5.441		188		S.P.RR, AT SEMAPHORE #3992
	4.582		380			5.253		376		(.61 MI. N. OF AVE. D)
1	14.316	4.772		380		16.323	5.441		376	
	5.402		193			5.577		190		
	5.209		190			5.387		188		
	5.019		383			5.199		378		T J. MOODY
2	15.630	5.210		.763		16.163	5.388		.754	
	6.324		192			5.808		191		
	6.132		191			5.617		188		
	5.941		383			5.429		379		
3	18.397	6.132		1.146		16.854	5.618		1.133	
	5.365		193			5.327		190		
	5.172		193			5.137		186		
	4.979		386			4.951		376		
4	15.516	5.172		1.532		15.415	5.138		1.509	
	4.649		192			5.037		189		
	4.457		192			4.848		189		
	4.265		384			4.659		378		
5	13.371	4.457		1.916		14.544	4.848		1.887	
		25.743					26.433			

F.B. 2411 P.G. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:10 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02.
From B.M. 101-146 To B.M. 101-147
Date 4-24-57
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
	4.929	25.743	192	1.916		5.142	26.433	191	1.887	
	4.737		190			4.951		189		
	4.547		382			4.762		380		
6	14.213	4.738		2.298		14.855	4.952		2.267	
	5.403		191			5.493		189		
	5.212		193			5.304		186		
	5.019		384			5.118		375		
7	15.634	5.211		2.682		15.915	5.305		2.642	
	5.478		190			5.531		193		SUMMATION OF RUN
	5.288		189			5.338		189		B.M. 101-146 TO B.M. 101-147
	5.099		379			5.149		382		TOTAL BACKSIGHTS +55.774
8	15.865	5.288		3.061		16.018	5.339		3.024	TOTAL FORESIGHTS - 53.230
	4.823		191			5.899		186		DIFF IN ELEVATION + 2.544
	4.632		191			5.713		185		
	4.441		382			5.528		371		
9	13.896	4.632		3.443		17.140	5.713		3.395	
	10.257		095			5.623		135		B.M. 101-147 (U.S. J-487, 1955
	10.162		096			5.488		135		S.P.R.R. & AVE. C
	10.068		191			5.353		270		
10	30.487	10.162		3.634		16.464	5.488		3.665	
		55.774					53.230		3.634 7.279 = 0.47 mi.	

F.B. 2411 P.G. 178

11

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT WIND - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:35 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-147 To B.M. 101-146
Date 4-24-57
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
	5.311		123		#11	9.968		107		B.M. 101-147 (U.S. J-487 1955
	5.188		125			9.861		106		S.P.R.R. & AVE. C
	5.063		248			9.755		213		
1	15.562	5.187		248		29.584	9.861		.213	
	5.938		187			4.863		191		
	5.751		187			4.672		190		
	5.564		374			4.482		381		T. J. MOODY
2	17.253	5.751		.622		14.017	4.672		.594	
	5.522		191			5.468		193		
	5.331		189			5.275		192		
	5.142		380			5.083		385		
3	16.995	5.332		1.002		15.826	5.275		.979	
	5.499		190			5.409		191		
	5.309		188			5.218		189		
	5.121		378			5.029		380		
4	15.929	5.310		1.380		15.656	5.219		1.359	
	4.701		190			4.491	2502	192		
	4.511		190			4.299		191		
	4.321		380			4.108		383		
5	13.533	4.511		1.760		12.898	4.299		1.742	
		26.091					29.326			

F.B. 2411 P.G. 179

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 LIGHT WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:35 70 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-147 To B.M. 101-146
Date 4-24-57
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
	5.287	26.091	189	1.760		4.898	24.326	191	1.742	
	5.098		186			4.707		192		
	4.912		375			4.515		383		
6	15.297	5.099		2.135		14.120	4.707		2.125	
	5.318		188			5.357		195		
	5.130		187			5.162		191		
	4.943		375			4.971		386		
7	15.391	5.130		2.510		15.490	5.163		2.511	SUMMATION OF RUN
	5.675		192			6.186		193		B.M. 101-147 TO B.M. 101-146
	5.483		188			5.993		190		TOTAL BACKSIGHTS + 52.579
	5.295		380			5.803		383		TOTAL FORESIGHTS - 55.112
8	16.453	5.484		2.890		17.982	5.994		2.894	DIFF IN ELEVATION - 2.533
	5.551		190			5.370		191		
	5.361		187			5.179		191		
	5.174		377			4.988		382		
9	16.086	5.362		3.267		15.537	5.179		3.276	
	5.601		188			4.935		192		
	5.413		188			4.742		190		B.M. 101-146
	5.225		376			4.552		383		O.P.R.R. AT SEMAPHORE #3992
10	16.239	5.413		3.643		14.229	4.743		3.659	
		52.579					55.112			

F.B. 2411 P.G. 180

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-H Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-147 To B.M. 101-148
Date 4-25-57
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
	3.181		184		#11	5.291		189		B.M. 101-147 (U.S. J-487, 1955)
	2.997		184			5.102		187		S.P. RR. & AVE. C
	2.813		368			4.915		376		
1	8.991	2.997		.368	78°	15.308	5.103		.376	
	5.437		186			5.188		191		
	5.251		185			4.997		190		
	5.066		371			4.807		381		
2	15.754	5.251		.739		14.992	4.997		.757	
	5.619		192			6.022		190		
	5.427		192			5.832		190		
	5.235		384			5.642		380		
3	16.281	5.427		1.123		17.496	5.832		1.137	
	5.926		191			5.661		189		
	5.735		188			5.472		187		
	5.547		379			5.285		376		
4	17.208	5.736		1.502		16.418	5.473		1.513	
	4.913		191			5.492		190		
	4.722		188			5.302		190		
	4.534		379			5.112		380		
5	14.169	4.723		1.881		15.906	5.302		1.893	
		24.134					26.707			

F.B. 2411 P.G. 181

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 [redacted] E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-147 To B.M. 101-148
Date 4-25-57
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
	5.643	24.134	186	1.881		5.011	26.707	189	1.893	
	5.457		188			4.822		190		
	5.269		374			4.632		379		
6	16.369	5.456		2.255		14.465	4.822		2.272	
	6.551		192			5.407		190		
	6.359		188			5.217		190		
	6.171		380			5.027		380		
7	19.081	6.360		2.635		15.651	5.217		2.652	
	5.039		190			5.163		191		
	4.849		190			4.972		187		
	4.659		380			4.785		388		
8	14.547	4.849		3.015		14.920	4.973		3.050	
	5.336		191			5.928		191		
	5.145		190			5.737		190		
	4.955		381			5.547		381		
9	15.436	5.145		3.396		17.212	5.737		3.431	
	5.845		193			5.741		192		
	5.652		191			5.549		188		
	5.461		384			5.361		380		
10	16.958	5.653		3.780		16.651	[illegible]		3.8[illegible]1	
		51.597					53.006			

F.B. 2411 P.G. 182

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: BREEZE-HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 11:20 TO Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 101-147 To: B.M. 101-148
Date: 4-25-57
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
	4.662	51.597	204	3.780		5.763	53.006	206	3.871	
	4.458		200			5.557		204		
	4.258		404			5.353		410		
11	13.378	4.459		4.184	82°	16.673	5.558		4.221	
	6.012		197			4.229		181		
	5.815		196			4.048		180		
	5.617		393			3.868		361		
12	17.444	5.815		4.577		12.145	4.048		4.582	SUMMATION OF RUN
	5.151		192			5.239		191		B.M. 101-147 TO B.M. 101-148
	4.959		190			5.048		190		TOTAL BACKSIGHTS +78.179
	4.769		382			4.858		381		TOTAL FORESIGHTS -78.251
13	14.879	4.960		4.959		15.145	5.048		4.963	DIFF IN ELEVATION - 0.072
	6.201		190			5.728		189		
	6.011		190			5.539		187		
	5.821		380			5.352		376		
14	18.033	6.011		5.339		16.619	5.540		5.339	
	5.446		109			5.160		109		
	5.337		108			5.051		109		B.M. 101-148 (W-56)
	5.229		217			4.942		218		
15	16.012	5.337		5.556		15.153	5.051		5.557	
		78.179					78.251		5.556	
									11.123	
									=0.72 m.	

F.B. 241 PG. 183

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 HAZE Inst. No. 50010
Notes by G. E. DREIER Time 9:50 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-148 To B.M. 101-147
Date 4-25-57
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
	5.138		113		#11	5.417		106		B.M. 101-148 (W-56)
	5.025		112			5.311		103		
	4.913		225			5.208		209		
1	15.076	5.025		.225	72°	15.936	[illegible]		.209	
	5.770		188			6.247		192		
	5.582		184			6.055		192		
	5.398		372			5.863		384		
2	16.750	5.583		.597		18.165	[illegible]		.593	T. J. MOODY
	5.341		191			5.255		193		
	5.150		189			5.062		191		
	4.961		380			4.871		384		
3	15.452	5.151		.977		15.188	5.063		.977	
	4.439		191			6.189		188		
	4.248		190			6.001		188		
	4.058		381			5.813		376		
4	12.745	4.248		1.358		18.003	6.001		1.353	
	5.808		219			4.671		189		
	5.589		217			4.482		191		
	5.372		436			4.291		380		
5	16.769	5.590		1.794		13.444	4.481		1.733	
		25.597					26.912			

F.B. 2411 P.G. 184

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: BREEZE-HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 9:50 TO Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 101-148 To: B.M. 101-147
Date: 4-25-57
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
	5.777	25.597	182	1.794		5.898	26.912	200	1.733	
	5.595		178			5.698		201		
	5.417		360			5.497		401		
6	16.789	5.596		2.154		17.093	5.698		2.134	
	5.971		190			5.387		190		
	5.781		192			5.197		189		
	5.589		382			5.008		379		
7	17.341	5.780		2.536		15.592	5.197		2.513	
	5.228		189			5.102		194		
	5.039		188			4.908		190		
	4.851		377			4.718		384		
8	15.118	5.039		2.913		14.728	4.909		2.897	
	5.465		190			6.617		192		
	5.275		190			6.425		189		
	5.085		380			6.236		381		
9	15.825	5.275		3.293		19.278	6.426		3.278	
	5.063		190			5.690		188		
	4.873		190			5.502		185		
	4.683		380			5.317		373		
10	14.619	4.873		3.673		16.509	5.503		3.651	
		52.160					54.645			

F.B. 2411 P.G. 185

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 BREEZE-HAZE Inst. No. 50010
Notes by G.E. DREIER Time 9.50 TO Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-148 To B.M. 101-147
Date 4-25-57
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
	5.689	52.160	190	3673		5.101	54.645	192	3651	
	5.499		188			4.909		190		
	5.311		378			4.719		382		
11	16.499	5.500		4.051		14.729	4.910		4.033	
	5.718		189			5.985		190		
	5.529		187			5.795		187		
	5.342		376			5.608		377		
12	16.589	5.530		4.427		17.388	5.796		4.410	
	6.021		192			5.617		190		SUMMATION OF RUN
	5.829		188			5.427		190		B.M. 101-148 TO B.M. 101-147
	5.641		380			5.237		380		TOTAL BACKSIGHTS +79.168
13	17.491	5.830		4.807		16.281	5.427		4.790	TOTAL FORESIGHTS -79.069
	5.245		190			5.492		188		DIFF IN ELEVATION +0.099
	5.055		190			5.304		187		
	4.865		380			5.117		375		
14	15.165	5.055		5.187		15.913	5.304		5.165	
	5.282		190			3.172		185		
	5.092		187			2.987		184		B.M. 101-147 (U.S. J-487, 1955)
	4.905		377			2.803		369		S.P.RR & AVE C
15	15.279	5.093		5.564		8.962	2.987		5.534	
		79.168					79.069		5.564 11.098	

F.B. 2411 P.G. 186

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 [redacted] E. DREIER Weather Breeze & clear Inst. No. 50010
Notes by J. MOORY Time 2:05 to 3:15 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-148 To BM 101-147
Date 4-25-57
Indexed K. 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
	5238		110		#11	5524		107		BM 101-148 (W-56)
	5128		109			5417		107		
	5019		219			5310		214		
1	15385	5128		219		16251	5417		214	T G.E DREIER
	5827		187			6309		190		
	5640		187			6119		190		
	5453		374			5929		380		
2	16920	5640		593		18357	6119		594	
	5273		191			5197		194		
	5082		190			5003		191		
	4892		381			4812		385		
3	15247	5082		974		15012	5004		979	
	4452		189			6211		190		
	4263		191			6021		190		
	4072		380			5831		380		
4	12787	4262		1354		18063	6021		1359	
	5801		204			4702		203		
	5597		205			4499		203		
	5392		409			4296		406		
5	16790	5597		1763		13497	4499		1765	
		25709					27060			

F.B. 2411 P.G. 187

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: E. DREIER Weather: BREEZY Inst. No. 50010
Notes by: J. MOORY Time: 2:05 to 3: Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From: BM 101-148 To: BM 101-147
Date: 4-25-57
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
	5849	25.709	191	1763		5955	27.060	193	1765	
	5658		187			5762		191		
	5471		378			5571		384		
6	16978	5.659		2141		17288	5.763		2149	
	6011		189			5439		191		
	5822		190			5248		191		
	5632		379			5057		382		
7	17465	5.822		2520		15744	5.248		2531	
	5287		190			5167		194		
	5097		190			4973		190		
	4907		380			4783		384		
8	15291	5.097		2900		14923	4.974		2915	
	5413		192			6563		185		
	5221		193			6378		187		
	5028		385			6191		372		
9	15662	5.221		3285		19132	6.377		3287	
	5093		190			5736		187		
	4903		187			5549		186		
	4716		377			5363		373		
10	14712	4.904		3662		16648	5.549		3660	
	52412					54971				

F.B. 2411 PG. 188

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 BREEZE CLEAR Inst. No. 50010
Notes by J. MOODY Time 2:05 to 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From BM 101-148 To BM 101-147
Date 4-25-57
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
	5666	52.412	192	3662		5087	54.971	189	3660	
	5474		192			4898		187		
	5282		384			4711		376		
11	16422	5474		4046		14696	4899		4036	
	5767		188			6037		189		
	5579		188			5848		189		
	5391		376			5659		378		SUMMATION OF RUN
12	16737	5579		4422		17544	5848		4414	
	6048		189			5650		193		+ 79.453
	5859		188			5457		190		- 79.458
	5671		377			5267		383		- 0.005
13	17578	5859		4799		16374	5458		4797	
	5271		189			5527		189		
	5082		189			5338		188		
	4893		378			5150		377		
14	15246	5082		5177		16015	5338		5174	
	5235		188			3126		183		BM 101-147 (U.S. J-487, 1955
	5047		188			2943		181		S.P.R.R. & AVE "C"
	4859		376			2762		364		
15	15141	5047		5553		8831	2944		5538	
		79.453					79.458			

F.B. 2411 P.G. 189

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 50010
Notes by J. MOODY Time 11:00 to 1:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-147 To BM 101-148
Date 4-26-57
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
	3135		186		#11	5246		190		BM 101-147 (U.S. J-487, 1955
	2949		182			5056		188		S.P.R.R. & AVE "C"
	2767		368			4868		378		
1	8851	2950		368		15170	5057		378	⊼ G.E. DREIER
	5538		187			5291		190		
	5351		184			5101		190		
	5167		371			4911		380		
2	16056	5352		739		15303	5101		758	
	5618		191			6023		190		
	5427		191			5833		190		
	5236		382			5643		380		
3	16281	5427		1121		17499	5833		1138	
	5978		195			5700		182		
	5783		192			5518		182		
	5591		387			5336		364		
4	17352	5784		1508		16554	5518		1502	
	5110		190			5700		191		
	4920		190			5509		190		
	4730		380			5319		381		
5	14760	4920		1888		16528	5509		1883	
		24433					27018			

F.B. 2411 PG. 190

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. DREIER Weather Clear Inst. No. 50010
Notes by J. Moody Time 11:00 to 1:30 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-147 To BM 101-148
Date 4-26-57
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
	5779	24433	186	1888		5147	27018	190	1883	
	5593		186			4957		189		
	5407		372			4768		379		
6	16779	5593		2260		14872	4957		2262	
	6608		188			5452		189		
	6420		192			5263		189		
	6228		380			5074		378		
7	19256	6419		2640		15789	5263		2640	
	5162		191			5287		189		
	4971		189			5098		189		
	4782		380			4909		378		
8	14915	4972		3020		15294	5098		3018	
	5451		190			6033		190		
	5261		189			5843		189		
	5072		379			5654		379		
9	15784	5261		3399		17530	5843		3397	
	5938		191			5831		189		
	5747		194			5642		190		
	5553		385			5452		379		
10	17238	5746		3784		16925	5642		3776	
		52424					53821			

F.B. 2411 P.G. 191

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. 50010
Notes by J. MOODY Time 11.00 to 1.30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-147 To BM 101-148
Date 4-26-57
Indexed K. 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
	4713	5242	202	3784		5817	5382	206	3776	
	4511		204			5611		203		
	4307		406			5408		409		
11	13531	4510		4190		16836	5612		4185	
	6161		190			4400		190		
	5971		189			4210		189		SUMMATION OF RUN
	5782		379			4021		379		BM 101-148 to BM 101-147
12	17914	5971		4569		12631	4210		4564	TOTAL BACKSIGHTS +79.452
	5144		191			5227		193		" FORE " -79.505
	4953		189			5034		191		DIFF IN ELEV. -0.053
	4764		380			4843		384		
13	14861	4954		4949		15104	5035		4958	
	6360		189			5878		188		
	6171		188			5690		188		
	5983		377			5502		376		
14	18514	6171		5326		17070	5690		5334	
	5530		108			5245		108		BM 101-148 (W-56)
	5422		109			5137		109		
	5313		217			5028		217		
15	16265	5422		5543		15410	5137		5551	
	79452					79505				

F.B. 2411 P.G. 192

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. Maary Time 9:00 to 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 30102
From BM 101-147 To BM 101-148
Date 5-3-57
Indexed K. 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
	3198		185		#11	5309		189		BM 101-147 U.S. J-487, 1955
	3013		182			5120		188		S.P.R.R. & AVE "C"
	2831		367			4932		377		
1	9042	3.014		.367	67°	15361	5.120		.377	T G.E. DREIER
	5559		187			5310		190		
	5372		186			5120		189		
	5186		373			4931		379		
2	16117	5.372		.746		15361	5.120		.756	
	5673		194			6071		188		
	5479		190			5883		185		
	5289		384			5698		373		
3	16441	5.480		1.124		17652	5.884		1.129	
	5998		190			5730		189		
	5808		189			5541		188		
	5619		379			5353		377		
4	17425	5.808		1.503		16624	5.541		1.506	
	5123		190			5702		188		
	4933		189			5514		187		
	4744		379			5327		375		
5	14800	4.933		1.882		16543	5.514		1.881	
		24.607					27.179			

F.B. 2411 P.G. 193

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 50010
Notes by J. MOODY Time 9:00 to 10:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-147 To BM 101-148
Date 5-3-57
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
	5807	24.607	187	1882		5170	27.179	192	1881	
	5620		187			4978		189		
	5433		374			4789		381		
6	16860	5.620		2256		14937	4.979		2262	
	6633		190			5481		190		
	6443		189			5291		191		
	6254		379			5100		381		
7	19330	6.443		2635		15872	5.291		2643	
	5249		191			5371		189		
	5058		190			5182		189		
	4868		381			4993		378		
8	15175	5.058		3016		15546	5.182		3021	
	5519		191			6100		191		
	5328		190			5909		188		
	5138		381			5721		379		
9	15985	5.328		3397		17730	5.910		3400	
	5989		191			5882		190		
	5798		189			5692		189		
	5609		380			5503		379		
10	17396	5.799		3777		17077	5.692		3779	
	52855					51233				

F.B. 2411 P.G. 194

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 9.00 to 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-147 To BM 101-148
Date 5-3-57
Indexed R. 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
	4683	52.855	204	3.777		5792	54233	205	3779	
	4479		202			5587		206		
	4277		406			5381		411		
11	13439	4480		4.183		16760	5.587		4.190	
	6228		190			4472		192		
	6038		187			4280		188		
	5851		377			4092		380		
12	18117	6.039		4.560		12844	4.281		4.570	SUMMATION OF RUN
	5377		190			5462		191		total BACKSIGHTS + 79.859
	5187		190			5271		189		" FORE " - 79.917
	4997		380			5082		380		DIFF IN ELEV. - 0.058
13	15561	5.187		4.940		15815	5.272		4.950	
	6227		193			5748		185		
	6034		192			5563		184		
	5842		385			5379		369		
14	18103	6.034		5.325		16690	5.563		5.319	
	5370		107			5091		111		BM 101-148 W1-56
	5263		105			4980		109		
	5158		212			4871		220		
15	15791	5.264		5.537		14942	4.981		5.539	
		79.859					79.917			

F.B. 2411 P.G. 195

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 11:15 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-148 To BM 101-147
Date 5-3-57
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
	5097		110		#11	5376		108		BM 101-148 W-56
	4987		111			5268		106		
	4876		221			5162		214		
1	14960	4987		221	76°	15806	5269		214	T G. E. DREIER
	5749		188			6222		189		
	5561		188			6033		189		
	5373		376			5844		378		
2	16683	5561		597		18099	6033		592	
	5462		191			5382		192		
	5271		189			5190		191		
	5082		380			4999		383		
3	16815	5272		977		15571	5190		975	
	4437		190			6191		190		
	4247		190			6001		189		
	4057		380			5812		379		
4	12741	4247		1357		18004	6001		1354	
	5829		206			4725		203		
	5623		205			4522		203		
	5418		411			4319		406		
5	16870	5623		1768		13566	4522		1760	
		25690					27015			

F.B. 2411 P.G. 196

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOODY Time 11:15 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-148 To BM 101-147
Date 5-3-57
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
	5969	25.690	190	1768		6073	27.015	189	1760	
	5779		191			5884		191		
	5588		381			5693		380		
6	17336	5.779		2149		17650	5.883		2140	
	6053		191			5474		191		
	5862		190			5283		190		
	5672		381			5093		381		
7	17587	5.862		2520		15850	5.283		2521	
	5288		190			5163		190		
	5098		187			4973		194		
	4911		377			4779		384		
8	15297	5.099		2897		14915	4.972		2905	
	5432		189			6590		191		
	5243		188			6399		191		
	5055		377			6208		382		
9	15730	5.243		3274		19197	6.399		3287	
	5130	47.673	190			5768	49.558	188		
	4940		190			5580		187		
	4750		380			5393		375		
10	14820	4.940		3654		16741	5.580		3662	
		52.613					55.132			

F.B. 2411 P.G. 197

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. 50010
Notes by J. MOODY Time 11:15 to 12:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-148 To BM 101-147
Date 5-3-57
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
	5646	52.613'	191	3654		5068	52.132'	190	3662'	
	5455		188			4878		190		
	5267		379'			4688		380'		
11	16.368'	5.456		4033'		14634'	4.878'		4042'	
	5619		188			5886		190		
	5431		185			5696		189		
	5246		373'			5507		379'		
12	16.296'	5.432		4406'		17089'	5.696'		4421'	SUMMATION of RUN
	6121		191			5719		190		TOTAL BACKSIGHTS + 79.611'
	5930		190			5529		191		" FORE " - 79.557'
	5740		381'			5338		381'		DIFF IN ELEV. + 0.054'
13	17.791'	5.930		4787'		16.586'	5.529'		4802'	
	5231		193			5470		184		
	5038		191			5286		184		
	4847		384'			5102		368'		
14	15.116'	5.039'		5171'		15.858'	5.286'		5170'	
	5328		187			3223		188		BM 101-147 (U.S. J-487-1955
	5141		187			3035		186		S.P.R.R. & AVE "C"
	4954		374'	5		2849		374'		
15	15.423'	5.141		5545		9.107'	3.036'		5544'	
	79.611'					79.557'				

F.B. 2411 P.G. 198

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 BREEZE-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No.
From B.M. 101-147 To B.M. 101-148
Date 4-30-57
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
	2.018		180		#11	5132		190		BM. 101-147 (U.S. , J-487, 1955)
	2.838		176			4942		187		S.P. RR & AVE. C
	2.662		356			4.755		377		
1	7.518	2.839		.356	83°	14.829	4.943		.377	
	5.491		188			5239		191		
	5.303		186			5.048		189		
	5.117		374			4.859		380		T J. MOODY
2	15.911	5.304		.730		15.146	5.049		.757	
	5.586		196			5978		189		
	5.390		192			5.789		185		
	5.198		388			5.604		374		
3	16.174	5.391		1.118		17.371	5.790		1.131	
	5.910		189			5.638		189		
	5.721		189			5.449		188		
	5.532		378			5.261		377		
4	17.163	5.721		1.496		16.348	5.449		1.508	
	5.077		190			5.655		189		
	4.887		190			5.466		189		
	4.697		380			5.277		378		
5	14.661	4.887		1.876		16.398	5.466		1.886	
		24.142					26.697			

F.B. 2411 P.G. 199

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-147 To B.M. 101-148
Date 4-30-57
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
	5.795	24.142	187	1.876		5.159	26.697	190	1.886	
	5.608		189			4.969		190		
	5.419		376			4.779		380		
6	16.822	5.607		2.252		14.907	4.969		2.266	
	6.638		191			5.487		190		
	6.447		191			6.297		187		
	6.256		382			5.110		377		
7	19.341	6.447		2.634		15.894	5.298		2.643	
	5.137		192			5.258		190		
	4.945		190			5.068		190		
	4.755		382			4.878		380		
8	14.837	4.946		3.016		15.204	5.068		3.023	
	5.495		190			6.078		190		
	5.305		190			5.888		190		
	5.115		380			5.698		380		
9	15.915	5.305		3.396		17.664	5.888		3.403	
	5.973		190			5.868		190		
	5.783		191			5.678		190		
	5.592		381			5.488		380		
10	17.348	5.783		3.777		17.034	5.678		3.783	
		52.230					53.598			

F.B. 2411 P.G. 200

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather GUSTY WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 101-147 To B.M. 101-148
Date 4-30-57
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
	4.731	52.230	203	3.777		5.836	53.598	208	3.783	
	4.528		200			5.628		206		
	4.328		403			5.422		414		
11	13.587	4.529		4.180		16.886	5.629		4.197	
	6.248		191			4.491		192		
	6.057		187			4.299		190		
	5.870		378			4.109		382		SUMMATION OF RUN
12	18.175	6.058		4.558		12.899	4.300		4.579	B.M. 101-148 TO B.M. 101-148
	5.248		190			5.333		191		TOTAL BACKSIGHTS + 79.270
	5.058		192			5.142		190		TOTAL FORESIGHTS - 79.306
	4.866		382			4.952		381		DIFF IN ELEVATION - 0.036
13	15.172	5.057		4.940		15.427	5.142		4.960	
	6.222		192			5.745		187		
	6.030		190			5.558		187		
	5.840		382			5.371		374		
14	18.092	6.031		5.322		16.674	5.558		5.334	
	5.474		109			5.188		109		
	5.365		108			5.079		108		B.M. 101-148 (W-56)
	5.257		217			4.971		217		
15	16.096	5.365		5.539		15.238	5.079		5.551	
		79.270					79.306			

F.B. 2411 P.G. 201

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 50010
Notes by G. E. DREIER Time 2:40 TO 3:20 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-148 To B.M. 101-147
Date 4-30-57
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
	5.123		108		#11	5.407		108		B.M. 101-148 (W-56)
	5.015		107			5.299		110		
	4.908		215			5.189		218		
1	15.046	5.015		.215	80°	15.895	5.298		.218	
	5.720		187			6.196		191		
	5.533		186			6.005		189		
	5.347		373			5.816		380		⊼ J. MOODY
2	16.600	5.533		.588		18.017	6.006		.598	
	5.291		192			5.201		193		
	5.099		190			5.008		190		
	4.909		382			4.818		383		
3	15.299	5.100		.970		15.027	5.009		.981	
	4.478		191			6.232		189		
	4.287		189			6.043		188		
	4.098		380			5.855		377		
4	12.863	4.288		1.350		18.130	6.043		1.358	4-30-57
	5.773		208			4.674		203		(NEXT ⊼ AT OBAN INTL POST)
	5.565		206			4.471		202		5-1-57
	5.359		414			4.269		405		
5	16.697	5.566		1.764	62°	13.414	4.471		1.763	
		25.502					26.827			

F.B. 2411 PG. 202

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. 50010
Notes by G. E. DREIER Time 9:00 TO 10:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 101-148 To B.M. 101-147
Date 5-1-57
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
	5.848	25.502	190	1.764		5.957	26.827	192	1.763	
	5.658		189			5.765		190		
	5.469		379			5.575		382		
6	16.975	5.658		2.143		17.297	5.766		2.145	
	6.002		190			5.428		191		
	5.812		190			5.237		190		
	5.622		380			5.047		381		
7	17.436	5.812		2.523		15.712	5.237		2.526	
	5.252		190			5.130		191		
	5.062		190			4.939		190		
	4.872		380			4.749		381		
8	15.186	5.062		2.903		14.818	4.939		2.907	
	5.471		190			6.627		192		
	5.281		189			6.435		190		
	5.092		379			6.245		382		
9	15.844	5.281		3.282		19.307	6.436		3.289	
	5.081		192			5.719		186		
	4.889		188			5.533		186		
	4.701		380			5.347		372		
10	14.671	4.890		3.662		16.599	5.533		3.661	
		52.205					54.738			

F.B. 2411 P.G. 203

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. 50010
Notes by G. E. DREIER Time 9.00 TO 10.05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-148 To B.M. 101-147
Date 5-1-57
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
	5.598	52.205	192	3.662		5.015	54.238	190	3.661	
	5.406		188			4.825		188		
	5.218		380			4.637		378		
11	16.222	5.407		4.042		14.477	4.826		4.039	
	5.662		189			5.932		189		
	5.473		186			5.743		188		
	5.287		375			5.555		377		
12	16.422	5.474		4.417		17.230	5.743		4.416	SUMMATION OF RUN
	6.059		191			5.659		192		B.M. 101-148 TO B.M. 101-147
	5.868		188			5.467		190		TOTAL BACKSIGHTS +79.201
	5.680		379			5.277		382		TOTAL FORESIGHTS −79.171
13	17.607	5.869		4.796		16.403	5.468		4.798	DIFF IN ELEVATION +0.030
	5.283		190			5.534		187		
	5.093		190			5.347		187		
	4.903		380			5.160		374		
14	15.279	5.093		5.176		16.041	5.347		5.172	
	5.339		186			3.237		188		
	5.153		185			3.049		187		B.M. 101-148 (U.S. J-487, 1955)
	4.968		371			2.862		375		S.P.RR & AVE. C.
15	15.460	5.153		5.547		9.148	3.049		5.547	
		79.201					79.171			

F.B. 2411 P.G. 204

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-148 To B.M. 101-149
Date 4-26-57
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
	5.415		190		#11	6.272		194		B.M. 101-148 (W-56)
	5.225		190			6.078		190		
	5.035		380			5.888		384		
1	15.675	5.225		380	83°	18.238	6.079		384	
	5.159		191			5.868		191		
	4.968		190			5.677		189		
	4.778		381			5.488		380		AT J. MOODY
2	14.905	4.968		.761		17.033	5.678		.764	
	5.628		192			5.439		190		
	5.436		188			5.249		188		
	5.248		380			5.061		378		
3	16.312	5.437		1.141		15.749	5.250		1.142	
	5.593		194			5.377		189		
	5.399		192			5.188		186		
	5.207		386			5.002		375		
4	16.199	5.400		1.527		15.567	5.189		1.517	
	5.560		193			6.322		191		
	5.367		191			6.131		189		
	5.176		384			5.942		380		
5	16.103	5.368		1.911		18.395	6.132		1.897	
		26.398					28.328			

F.B. 2411 P.G. 205

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 50010
From B.M. 101-148 To B.M. 101-149
Date 4-26-57
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
	5.096	26.398'	167	1.911'		1.718	28.328'	170	1.897	B.M. 101-149 (U.S. N-487 1955
	4.929		167			1.548		173		S.P.R.R. AT M.P. 397.96
	4.762		334'			1.375		343'		
6	14.787'	4.929'		2.245'		4.641'	1.547'		2.240'	
									2.245'	
									4.485'	
									= 0.29 m/m.	
										SUMMATION OF RUN
										B.M. 101-149 TO B.M. 101-148
										TOTAL BACKSIGHTS + 31.327'
										TOTAL FORESIGHTS − 29.875'
										DIFF IN ELEVATION + 1.452'
		31.327'					29.875'			

F.B. 2411 P.G. 206

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 SUNNY HAZE Inst. No. 50910
Notes by G. E. DREIER Time 2:40 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-149 To B.M. 101-148
Date 4-26-57
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
	1.715		173		#11	5.099		166		B.M. 101-149 (U.S. , N-487, 1955)
	1.542		170			4.933		165		S.P.RR AT MI. 397.96
	1.372		343			4.768		331		
1	4.629	1.543		343	85°	14.800	4.933		.331	
	6.353		192			5.593		194		T J. MOODY
	6.161		188			5.399		19.1		
	5.973		380			5.208		385		
2	18.487	6.162		.723		16.200	5.400		.716	
	5.303		188			5.511		193		
	5.115		187			5.318		191		
	4.928		375			5.127		384		
3	15.346	5.115		1.098		15.956	5.319		1.100	
	5.394		191			5.587		190		
	5.203		189			5.397		189		
	5.014		380			5.208		377		
4	15.611	5.204		1.478		16.192	5.397		1.479	
	5.862		191			5.155		192		
	5.671		190			4.963		189		
	5.481		381			4.774		381		
5	17.014	5.671		1.859		14.892	4.964		1.860	
		23.695					26.013			

F.B. 2411 P.G. 207

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 SUNNY, HAZY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-149 To BM 101-148
Date 4-26-57
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
	6.249	2 3.695	192	1.859		5.397	2 [illegible]	192	1.860	
	6.057		190			5.205		189		
	5.867		382			5.016		381		
6	18.173	6.058		2.241		15.618	5.206		2.241	B.M. 101-148 (W-56)
										SUMMATION OF RUN
										B.M. 101-149 TO B.M. 101-148
										TOTAL BACKSIGHTS + 29.753
										TOTAL FORESIGHTS − 31.219
										DIFF. IN ELEVATION − 1.466
	29.753					31.219				

F.B. 2411 P.G. 208

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. 50010
Notes by J. Moody Time 11.30 to 11.55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 101-149 To B.M. 101-148
Date 4-29-57
Indexed K. 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
	1771		171		#11	5147		168		BM 101-149 (U.S. N-487, 1955
	1600		171			4979		166		S.P.R.R. at Mi 397.96
	1429		342			4813		334		
1	4800	1.600		.342	83°	14939	4.980		.334	G.E. DREIER
	6399		187			5642		193		
	6212		185			5449		192		
	6027		372			5257		385		
2	18638	6.213		.714		16348	5.449		.719	
	5390		187			5603		193		
	5203		186			5410		191		
	5017		373			5219		384		
3	15610	5.203		1.087		16232	5.411		1.103	
	5385		191			5578		189		
	5194		188			5389		191		
	5006		379			5198		380		
4	15585	5.195		1.466		16165	5.388		1.483	
	5916		192			5201		189		
	5723		191			5012		186		
	5532		383			4826		375		
5	17170	5.723		1.849		15039	5.013		1.858	
		23.934					26.241			

F.B. 2411 P.G. 209

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by J. MOOTY Time 11:30 to 11:55 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-149 To BM 101-148
Date 4-29-57
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
	6353	23934	193	1849		5496	26244	188	1858	BM 101-148 (W-56)
	6160		192			5308		188		
	5968		385			5120		376		
6	18481	6160		2234		15924	5308		2234	
										SUMMATION of RUN BM 101-149 to BM 101-148
										TOTAL BACKSIGHTS +30.094
										" FORE " -31.549
										DIFF IN ELEV. -1.455
		30.094					31.549			

F.B. 2411 P.G. 210

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. 50010
Notes by G. E. DREIER Time 1:15 To Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-149 To B.M. 101-150
Date 4-29-57
Indexed K. 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
	2.213		176		#11	6.219		191		B.M. 101-149 (U.S. N-487, 1959)
	2.037		176			6.028		189		S.P.RR AT MILE 397.96
	1.861		352			5.839		380		
1	6.111	2.037		352	83°	18.086	6.029		380	
	6.688		194			6.848		189		
	6.494		195			6.659		185		
	6.299		389			6.474		374		T J. MOODY
2	19.481	6.494		.741		19.981	6.660		.754	
	5.919		192			5.963		185		
	5.727		192			5.778		185		
	5.535		384			5.593		370		
3	17.181	5.727		1.125		17.334	5.778		1.124	
	5.568		192			4.933		190		
	5.376		188			4.743		188		
	5.188		380			4.555		378		
4	16.132	5.377		1.505		14.231	4.744		1.502	
	5.331		190			5.272		190		
	5.141		190			5.082		187		
	4.951		380			4.895		377		
5	15.423	5.141		1.885		15.249	5.083		1.879	
		24.776					28.294			

F.B. 2411 P.G. 21

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO Rod No 11 812

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 101-149 To B.M. 101-150
Date 4-29-57
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
	5.252	24.776	191	1.885		5.185	28.294	190	1.879	
	5.061		190			4.995		188		
	4.871		381			4.807		378		
6	15.184	5.061		2.266		14.987	4.996		2.257	
	5.312		191			4.869		190		
	5.121		189			4.679		190		
	4.932		380			4.489		380		
7	15.365	5.122		2.646		14.037	4.679		2.637	
	5.801		190			5.758		190		
	5.611		190			5.568		187		
	5.421		380			5.381		377		
8	16.833	5.611		3.026		16.707	5.569		3.014	
	5.605		192			4.853		191		
	5.413		190			4.642		188		
	5.223		382			4.454		379		
9	16.241	5.414		3.408		13.929	4.643		3.393	
	5.402		192			5.408		190		
	5.210		191			5.218		187		
	5.019		383			5.031		377		
10	15.631	5.210		3.791		15.657	5.219		3.770	
		51.194					55.400			

F.B. 2411 PG. 212

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY GUSTY WIND CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 2:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-149 To B.M. 101-150
Date 4-29-57
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
	5.222	51.194	190	3.791		4.998	53.400	190	3.770	
	5.032		189			4.808		189		
	4.843		379			4.619		379		
11	15.097	5.032		4.170		14.425	4.808		4.149	
	5.267		139			6.001		140		
	5.122		136			5.861		139		
	4.986		275			5.722		279		
12	15.369	5.123		4.445		17.584	5.861		4.428	
	5.102		140			1.082		145		
	4.962		140			0.937		149		B.M. 101-150
	4.822		280			0.788		294		SIERRA Hwy. AT STATION 6407+90
13	14.886	4.962		4.725		2.807	0.936		4.722	
									4.725	
									9.447	
									=0.61 mi	SUMMATION OF RUN
										B.M. 101-149 TO B.M. 101-150
										TOTAL BACKSIGHTS +66.311
										TOTAL FORESIGHTS -65.005
										DIFF IN ELEVATION +1.306
		66.311					65.005			

F.B. 2411 P.G. 213

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 E. E. DREIER Weather Inst. No.
Notes by Time Rod No.

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

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. 2411 P.G. 214

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 SUNNY HAZE Inst. No 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 101-150 To B.M. 101-149
Date 4-29-57
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
	0.565		145		#11	4.592		143		B.M. 101-150
	0.420		143			4.449		146		SIERRA Hwy AT CULVERT STATION
	0.277		288			4.303		289		G 407+90
1	1.262	0.421		.288	78°	13.344	4.448		.289	
	6.138		139			5.399		140		
	5.999		137			5.259		138		
	5.862		276			5.121		278		T J. MOODY
2	17.999	6.008		.564		15.779	5.260		.567	
	4.967		190			5.191		190		
	4.777		189			5.001		190		
	4.588		379			4.811		380		
3	14.332	4.777		.943		15.003	5.001		.947	
	5.452		190			5.443		191		
	5.262		187			5.252		190		
	5.075		377			5.062		381		
4	15.789	5.263		1.320		15.757	5.252		1.328	
	4.873		190			5.644		192		
	4.683		188			5.452		191		
	4.495		378			5.261		383		
5	14.051	4.684		1.698		16.357	5.452		1.711	
		21.145					25.413			

F.B. 2411 P.G. 215

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-150 To B.M. 101-149
Date 4-29-57
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
	5.777	21.145	189	1.698		5.815	25.413	191	1.711	
	5.588		187			5.624		189		
	5.401		376			5.435		380		
6	16.766	5.589		2.074		16.874	5.625		2.091	
	4.851		192			5.293		190		
	4.659		188			5.103		190		
	4.471		380			4.913		380		
7	13.981	4.660		2.454		15.309	[illegible]		2.471	
	5.172		190			5.230		191		
	4.982		189			5.039		189		
	4.793		379			4.850		380		
8	14.947	4.982		2.833		15.119	[illegible]		2.851	
	5.233		189			5.291		189		
	5.044		187			5.102		189		
	4.857		376			4.913		378		
9	15.134	5.045		3.209		15.306	[illegible]		3.229	
	4.947		192			5.578		192		
	4.755		188			5.386		188		
	4.567		380			5.198		380		
10	14.269	4.756		3.589		16.162	[illegible]		3.609	
		46.177					51.690			

F.B. 2411 P.G. 216

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-150 To B.M. 101-149
Date 4-29-57
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
	5.954	46.177	192	3.589		5.897	51.670	190	3.609	
	5.762		190			5.707		186		
	5.572		382			5.521		376		
11	17.288	5.763		3.971		17.125	5.708		3.985	
	6.765		190			6.592		191		
	6.575		192			6.401		189		
	6.383		382			6.212		380		
12	19.723	6.574		4.353		19.205	6.402		4.365	
	6.357		192			2.347		175		
	6.165		190			2.172		176		B.M. 101-149 (U.S. , N-487, 1955)
	5.975		382			1.996		351		S.P.RR AT MILE 397.96
13	18.497	6.166		4.735		6.515	2.172		4.716	
		64.680					65.952			

F.B. 2411 P.G. 217

+64.680
-65.952
-1.272

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

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. 2411 P.G. 218										

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 BREEZE CLEAR Inst. No. 50010
Notes by V. MOORE Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 3.01.07
From BM 101-149 To BM 101-150
Date 5-1-57
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
	2232		183		#11	6423		184		BM 101-149 (U.S. N-487, 1955
	2249		179			6239		185		S.P.R.R. AT MILE 397.96
	2070		362			6054		369		
1	6751	2.250		362	72°	18716	6.239		369	T G.E. DREIER
	6658		191			6822		189		
	6467		191			6633		190		
	6276		382			6443		379		
2	19401	6.467		744		19898	6.633		748	
	5900		189			5954		188		
	5711		191			5766		187		
	5520		380			5579		375		
3	17131	5.710		1124		17299	5.766		1123	
	5683		190			5051		190		
	5493		190			4861		189		
	5303		380			4672		379		
4	16479	5.493		1504		14584	4.861		1502	
	5387		193			5329		187		
	5194		191			5137		189		
	5003		384			4948		376		
5	15584	5.195		1888		15409	5.136		1878	
		25.115					28.635			

F.B. 2411 P.G. 219

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE CLEAR Inst. No. 50010
Notes by J. MOODY Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-149 To BM 101-150
Date 5-1-57
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
	5323	25115	190	1888		5257	28635	189	1878	
	5133		187			5068		189		
	4946		377			4879		378		
6	15402	5134		2265		15204	5068		2256	
	5296		191			4852		189		
	5105		188			4663		188		
	4917		379			4475		377		
7	15318	5106		2644		13990	4663		2633	
	5850		187			5809		188		
	5663		186			5621		191		
	5477		373			5430		379		
8	16990	5663		3017		16860	5620		3012	
	5732		193			4952		190		
	5539		189			4762		189		
	5350		382			4573		379		
9	16621	5540		3399		14287	4762		3391	
	5460		191			5468		189		
	5269		189			5279		187		
	5080		380			5092		376		
10	15809	5270		3779		15839	5280		3767	
		51828					54028			

F.B. 2411 P.G. 220

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE CLEAR Inst. No. 50010
Notes by J. MOORE Time 11:00 to 12:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-149 To BM 101-150
Date 5-1-57
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
	5250	51.828	191	37.799		5021	54.028	189	37.767	
	5059		190			4832		185		
	4869		381			4647		374		
11	15178	50.59		41.60		14500	48.33		81.41	
	5348		135			6093		142		
	5213		133			5951		140		
	5080		268			5811		282		
12	15641	52.14		44.28		17855	59.52		84.23	
	5243		145			1218		146		BM 101-150
	5098		141			1072		144		SIERRA HWY AT STA. 407+90
	4957		286			0928		290		
13	15298	50.99		47.14		32187	107.3		87.13	
										SUMMATION of RUN
										BM 101-149 to BM 101-150
										total BACKSIGHTs +67.200
										" FORE " -65.886
										DIFF IN ELEV. + 1.314
		67.200					65.886			

F.B. 241 P.G. 221

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

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. 2411 P.G. 222

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 BREEZE CLEAR Inst. No. 50010
Notes by J. MOODY Time 1:00 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-150 To BM 101-149
Date 5-1-57
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
	1217		144		#11	5243		144		BM 101-150
	1073		142			5099		140		SIERRA HWY AT STA. 407+90
	0931		286'			4959		284'		
1	3221'	1074'		286'	79°	15301'	5100'		284'	TG.E. DREIER
	6137		139			5399		137		
	5998		138			5262		139		
	5860		277'			5123		276'		
2	17995'	5998'		563'		15784'	5261'		560	
	5056		187			5287		190		
	4869		187			5097		189		
	4682		374'			4908		379'		
3	14607'	4869'		937'		15292'	5097'		939	
	5513		188			5506		189		
	5325		187			5317		187		
	5138		375'			5130		376'		
4	15976'	5325'		1312'		15953'	5318'		1315	
	4873		188			5652		192		
	4685		187			5460		190		
	4498		375'			5270		382'		
5	14056'	4685'		1687'		16382'	5461'		1697'	
		21951'					26237'			

F.B. 2411 P.G. 223

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 BREEZE Inst. No. 50010
Notes by J. MOODY Time 1:00 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-150 To BM 101-149
Date 5-1-57
Indexed K. 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
	5747	21.951'	195	6 1887		5781	26.237'	185	6 1897	
	5552		191			5596		185		
	5361		386'			5411		370'		
6	16660'	5553'		0 2873		16788'	5596'		0 2867	
	4859		191			5304		190		
	4668		190			5114		192		
	4478		381'			4922		382'		
7	14005'	4668		4 2854		15340'	5113'		4 2849	
	5155		188			5225		192		
	4967		187			5033		191		
	4780		375'	2829		4842		383'	2832	
8	14902'	4967'		3029		15100'	5033'		3032	
	5242		189			5302		189		
	5053		185			5113		187		
	4868		374'			4926		376'		
9	15163'	5054'		2 3403		15341'	5114'		2 3408	
	4969		191			5600		189		
	4778		189			5411		189		
	4589		380'			5222		378'		
10	14336'	4779'		5 3783		16233'	5411'		5 3786	
		46972'					52504'			

F.B. 2411 P.G. 224

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 BREEZE CLEAR Inst. No. 50010
Notes by J. MOORY Time 1:00 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-150 To BM 101-149
Date 5-1-57
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
	5859	46.972'	189	3.983 (5)		5801	52.504'	188	3.986 (5)	
	5670		191			5613		188		
	5479		380'	3.963		5425		376'	3.962	
11	17008'	5.669'		4.163		16839'	5.613'		4.062	
	6723		189			6560		191		
	6534		187			6369		191		
	6347		376'	4.539 (3)		6178		382'	4.444 (3)	
12	19604'	6.535'				19107'	6.369'			
	6430		184			2437		183		BM 101-149 (U.S. N-487, 1955
	6246		185			2254		181		S.P.R.R. AT MILE 397.96
	6061		369'	4.908 (7)		2073		364'	4.808 (7)	
13	18737'	6.246'				6764'	2.255'			
										SUMMATION OF RUN
										BM 101-150 to BM 101-149
										total BACKSIGHTS + 65.422'
										" FORE " - 66.741'
										DIFF IN ELEV. - 1.319'
		65.422'					66.741'			

F.B. 2411 P.G. 225

76P526 S & E #379 1-54

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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 Inst. No.
Notes by Time Rod No.

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

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. 241 P.G. 226										

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. 50010
Notes by G. E. DREIER Time 10:30 To 11:30 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-150 To B.M. 101-151
Date 4-30-57
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
	1.148		185		#11	5.289		189		B.M. 101-150
	0.963		185			5.100		187		SIERRA Hwy AT STA. 407+90
	0.778		370			4.913		376		
1	2.889	0.963		.370		15.302	5.101		.376	
	5.799		190			5.558		190		
	5.609		190			5.368		189		↑ J. Moody
	5.419		380			5.179		379		
2	16.827	5.609		.750		16.105	5.368		.755	
	5.558		191			3.452		189		
	5.367		189			3.263		190		
	5.178		380			3.073		379		
3	16.103	5.368		1.130		9.788	3.263		1.134	
	4.378		190			4.587		192		
	4.188		190			4.395		192		
	3.998		380			4.203		384		
4	12.564	4.188		1.510		13.185	4.395		1.518	
	5.706		193			5.492		190		
	5.513		190			5.302		190		
	5.323		383			5.112		380		
5	16.542	5.514		1.893		15.906	5.302		1.898	
		21.642					23.429			

F.B. 241 P.G. 227

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. 50010
Notes by G. E. DREIER Time 10:30 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-150 To B.M. 101-151
Date 4-30-57
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
	6.457	21.642	194	1.893		5.697	23.429	191	1.898	
	6.263		190			5.506		195		
	6.073		384			5.311		386		
6	18.793	6.264		2.277		16.514	5.505		2.284	
	5.548		111			5.238		112		
	5.437		109			5.126		111		
	5.328		220			5.015		223		
7	16.313	5.438		2.497		15.379	5.126		2.507	
	5.278		123			3.921		124		
	5.155		123			3.797		123		B.M. 101-151 (U.S. M.487, 1955)
	5.032		246			3.674		247		S.P.R.R. & AVE. A. (CO. LINE)
8	15.465	5.155		2.743		11.392	3.797		2.754	
									2.743	
									5.497	
									0.35 m	SUMMATION OF RUN
										B.M. 101-150 TO B.M. 101-151
										TOTAL BACKSIGHTS + 38.499
										TOTAL FORESIGHTS - 37.857
										DIFF IN ELEVATION + 0.642
		38.499					37.857			

F.B. 2411 P.G. 228

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. 50010
Notes by G. E. DREIER Time 9:30 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 101-151 To B.M. 101-150
Date 4-29-57
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
	3.905		124		#11	5.266		125		B.M. 101-151 (U.S. -M-487, 1955)
	3.781		123			5.141		122		S.P. R.R & AVE A. (CO. LINE)
	3.658		247			5.019		247		
1	11.344	3.781		247	72°	15.426	5.142		248	
	5.228		110			5.538		110		
	5.118		109			5.428		110		
	5.009		219			5.318		220		⊼ J. MOODY
2	15.355	5.118		466		16.284	5.428		468	
	5.696		189			6.457		193		
	5.507		189			6.264		189		
	5.318		378			6.075		382		
3	19.521	5.507		844		18.796	6.265		850	
	5.438		191			5.645		191		
	5.247		190			5.454		188		
	5.057		381			5.266		379		
4	15.742	5.247		1.225		16.365	5.455		1.229	
	4.652		193			4.445		190		
	4.459		191			4.255		190		
	4.268		384			4.065		380		
5	13.379	4.460		1.609		12.765	4.255		1.609	
		24.113					26.545			

F.B. 2411 P.G. 229

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 SUNNY HAZE Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-151 To B.M. 101-150
Date 4-29-57
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
	3.390	24.113	190	1.609		5.498	26.545	190	1.608	
	3.200		191			5.308		190		
	3.009		381			5.118		380		
6	9.599	3.200		1.990		15.924	5.308		1.98	
	5.599		191			5.842		190		
	5.408		190			5.652		190		
	5.218		381			5.462		380		
7	16.225	5.408		2.371		16.956	5.652		2.368	
	5.175		190			1.031		183		
	4.985		188			0.848		183		B.M. 101-150
	4.797		378			0.665		366		SIERRA Hwy AT CULVERT STA.
8	14.957	4.986		2.749	78°	2.544	0.848		2.735	G 407+90
									2.749 5.484	
										SUMMATION OF RUN
										B.M. 101-151 TO B.M. 101-150
										TOTAL BACKSIGHTS +37.707
										TOTAL FORESIGHTS -38.353
										DIFF IN ELEVATION - 0.646
		37.707					38.353			

F.B. 2411 P.G. 230

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. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 101-151 To B.M. 101-153
Date 5-6-57
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
	2.493		185		#11	3.748		190		B.M. 101-151 M-487, 1957
	2.308		184			3.558		189		S.P. RR AND AVE. A (CO. LINE)
	2.124		369			3.369		379		
1	6.925	2.308		369	72°	10.675	3.558		379	
	3.989		191			4.256		187		
	3.798		190			4.069		188		
	3.608		381			3.881		375		↑ J. MOODY
2	11.395	3.798		.750		12.206	4.069		.754	
	5.354		191			5.150		193		
	5.163		188			4.957		190		
	4.975		379			4.767		383		
3	15.492	5.164		1.129		14.874	4.958		1.137	
	6.129		192			5.820		189		
	5.937		189			5.631		188		
	5.748		381			5.443		377		
4	17.814	5.938		1.500		16.894	5.631		1.514	
	6.232		193			5.352		183		
	6.039		190			5.165		186		
	5.849		383			4.979		369		
5	18.120	6.040		1.883		15.496	5.165		1.883	
		23.248					23.381			

F.B. 2411 P.G. 231

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. 50014
Notes by G. E. DREIER Time 9.20 TO 11.00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-151 To B.M. 101-153
Date 5-6-57
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
	4.248	23.248	191	1.883		4.219	[illegible]	191	1.883	
	4.057		188			4.028		190		
	3.869		379			3.838		381		
6	12.174	4.058		2.262		12.085	[illegible]		2.264	
	5.231		189			5.672		190		
	5.042		191			5.482		189		
	4.851		380			5.293		379		
7	15.124	5.041		2.642		16.447	[illegible]		2.643	+ 37.236
	5.091		203			3.129		196		− 35.824
	4.888		200			2.933		195		+ 1.412
	4.688		403			2.738		391		
8	14.667	4.889		3.045	79°	8.800	[illegible]		3.034	
		37.236					35.824		3.045 6.079 = 0.39 mi.	B.M. 101-152 S.P.R.R., 0.39 mi. N. OF L.A.-KERN CO. LINE, P.K. SPK IN S. END OF W. HEADWALL OF
	3.203		185		79°	4.765		187		CULVERT UNDER TRACKS AT
	3.018		181			4.578		190		M.P. 397.61
	2.837		366			4.388		377		
9	9.058	3.019		3.411		13.731	4.577		3.411	

F.B. 2411 P.G. 232

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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4 8 8 8 6 4

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:20 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-151 To B.M. 101-153
Date 5-6-57
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
	5.151	3.019	192	3.411		5.007	4.577	189	3.411	
	4.959		188			4.818		190		
	4.771		380			4.628		379		
10	14.881	4.960		3.791		14.453	4.818		3.790	
	5.503		192			5.904		192		
	5.311		188			5.712		190		
	5.123		380			5.522		382		
11	15.937	5.312		4.171		17.138	5.713		4.172	
	6.268		193			5.467		188		
	6.075		190			5.279		186		
	5.885		383			5.093		374		
12	18.228	6.076		4.554		15.839	5.280		4.546	
	5.691		193			4.912		190		
	5.498		189			4.722		186		
	5.309		382			4.536		376		
13	16.498	5.499		4.936		14.170	4.723		4.922	
	5.842		191			4.792		190		
	5.651		192			4.602		189		
	5.459		383			4.413		379		
14	16.952	5.651		5.319		13.807	4.602		5.301	
		30.517					29.713			

F.B. 24111 P.G. 233

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. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-151 To B.M. 101-153
Date 5-6-57
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
	4.813	30.517	194	5.319		5.023	[illegible]	191	5.351	
	4.619		191			4.832		191		
	4.428		385			4.641		382		
15	13.860	4.620		5.704		14.496	4.832		5.683	
	5.459		189			4.896		195		
	5.270		189			4.701		191		
	5.081		378			4.510		386		
16	15.810	5.270		6.082		14.107	4.702		6.069	
	4.719		190			5.019		190		
	4.529		190			4.829		186		
	4.339		380			4.643		376		
17	13.587	4.529		6.462		14.491	4.830		6.445	
	5.636		189			4.903		191		
	5.447		185			4.712		190		
	5.258		374			4.522		381		
18	16.341	5.447		6.836		14.137	4.712		6.826	
	5.590		130			5.881		125		
	5.460		127			5.756		124		
	5.333		257			5.632		249		
19	16.383	5.461		7.093		17.269	5.756		7.075	
		55.844					54.245			

F.B. 2411 P.G. 234

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. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-151 To B.M. 101-153
Date 5-6-57
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
	6.419	55.844	122	7.093		5.042	54.545	138	7.075	
	6.297		122			4.904		136		B.M. 101-153 (U.S. , L-487, 1955)
	6.175		244			4.768		274		SIERRA Hwy AT CULVERT STATION
20	18.891	6.297		7.337		14.714	4.905		7.349	A 46+97
		62.141					59.450		7.337	+62.141
									14.686 = 0.95 mi	-59.450
										+2.691
										SUMMATION OF RUN
					DIFF IN ELEV.	B.M.	101-151	TO	B.M. 101-152	+1.412
					"	"	"	"	101-152 TO B.M. 101-153	+2.691

F.B. 2411 P.G. 235

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. 50010
Notes by G. E. DREIER Time 11:00 TO 3:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-151
Date 5-6-57
Indexed K. 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
	5.020		138		#11	6.399		122		B.M. 101-153 (U.S. , L-487, 1955)
	4.882		135			6.277		122		SIERRA Hwy AT CULVERT
	4.747		273			6.155		244		STATION A-46497 (0.9 mi.
1	14.649	4.883		.273	85°	18.831	6.277		.244	N. of L.A.-KERN CO. LINE)
	5.888		124			5.596		129		
	5.764		123			5.467		129		
	5.641		247			5.338		258		
2	17.293	5.764		.520		16.401	5.467		.502	T. J. MOODY
	4.931		192			5.652		190		
	4.739		190			5.462		189		
	4.549		382			5.273		379		
3	14.219	4.740		.902		16.387	5.462		.881	
	5.062		189			4.759		191		
	4.873		187			4.568		190		
	4.686		376			4.378		381		
4	14.621	4.874		1.278		13.705	4.568		1.262	
	4.893		194			5.457		190		
	4.699		191			5.267		189		
	4.508		385			5.078		379		
5	14.100	4.700		1.663		15.802	5.267		1.641	
		24.961					27.041			

F.B. 2411 P.G. 236

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. 50010
Notes by G.E. DREIER Time 11:00 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-151
Date 5-6-57
Indexed K. 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
	4978	24.961	191	1.663		4.767	27.041	195	1.641	
	4.787		189			4.572		191		
	4.598		380			4.381		386		
6	14.363	4.788		2.043		13.720	4.573		2.027	
	4.778		190			5.823		192		
	4.588		189			5.631		192		
	4.399		379			5.439		384		
7	13.765	4.588		2.422		16.893	5.631		2.411	
	4.943		190			5.720		192		
	4.753		186			5.528		190		
	4.567		376			5.338		382		
8	14.263	4.754		2.798		16.586	5.529		2.793	
	5.477		189			6.271		193		
	5.288		186			6.078		189		
	5.102		375			5.889		382		
9	15.867	5.289		3.173		18.238	6.079		3.175	
	5.921		192			5.505		190		
	5.729		190			5.315		188		
	5.539		382			5.127		378		
10	17.189	5.730		3.555		15.947	5.316		3.553	
		50.110					54.169			

F.B. 241 Pg. 237

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. 50010
Notes by G. E. DREIER Time 11:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 101-153 To B.M. 101-151
Date 5-6-57
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
	5,061	50.110	190	3555		5203	54.169	191	3553	
	4.871		189			5,012		189		
	4682		379			4.823		380		
11	14,614	4.871		3,934		15.038	5.013		3,933	
	4.769		187			3,215		187		+59.452
	4.582		190			3.028		183		-62.211
	4.392		377			2.845		370		-2,759
12	13,743	4,581		4.311		9,088	3029		4,303	
		59.452 62					62.211			B.M. 101-152 S.P.RR. 0.39 MI. N. OF CO. LINE AT CULVERT MI. 397.61
	3.122		198			5,082		204		
	2.926		194			4,878		200		
	2.732		392			4.678		404		
13	8.780	2.927		4.703	89°	14,638	4879		4,707	
	5.718		190			5,282		190		
	5.528		189			5,092		191		
	5.339		379			4.901		381		
14	16,585	5.528		5.082		15,275	5,092		5,088	
		8.455					9.971			

F.B. 2411 PG. 238

F.B. — PG. —

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 BREEZE - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 2:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-151
Date 5-6-57
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
	4318	8.455	192	5.082		4.342	9.771	190	5.088	
	4.126		191			4.152		188		
	3935		383			3.964		378		
15	12.379	4.126		5.465		12.458	4.153		5.466	
	5.378		189			6.257		192		
	5.189		187			6.064		189		
	5.002		376			5.875		381		
16	15.569	5.190		5.841		18.196	6.065		5.847	
	5.822		189			6.126		191		
	5.633		188			5.935		190		
	5.445		377			5.745		381		
17	16.900	5.633		6.218		17.806	5.935		6.228	
	5.053		191			5.265		190		
	4.862		190			5.075		190		
	4.672		381			4.885		380		
18	14.587	4.862		6.599		15.225	5.075		6.608	
	4.399		187			4.139		191		
	4.212		185			3.948		190		
	4.027		372			3.758		381		
19	12.638	4.213		6.971		11.845	3.948		6.989	
		32.479					35.147			

F.B. 2411 P.G. 239

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 BREEZE CLE[illegible] Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 2:[illegible] Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-151
Date 5-6-57
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
	4.057	32.479	190	6.971		2.807	[illegible]47	188	6.989	
	3.867		190			2.619		186		B.M. 101-151 (U.S. M-487, 1955)
	3.677		380			2.433		374		S.P.R.R. & AVE. A (CO. LINE)
20	11.601	3.867		7.351		7.859	[illegible]20		7.363	
		36.346					37.767			
										+36.346
										-37.767
										-1.421
										SUMMATION OF RUN
										DIFF. IN ELEV., B.M. 101-153 TO B.M. 101-152
										" " " " 101-152 TO B.M. 101-151 -1.426

F.B. 2411 P.G. 240

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 10:50 TO 11:40 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-153 To B.M. 101-152
Date 5-9-57
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
	4913		132		#11	6302		125		B.M. 101-153 (U.S. L-487
	4781		133			6177		125		SIERRA HWY AT CULVERT
	4648		265			6052		250		STATION A-46+97
1	14342	4.781		265	64°	18531	6.177		250	
	5759		125			5468		128		↑ G.E. DREIER
	5634		124			5340		128		
	5510		249			5212		256		
2	16903	5.634		514		16020	5.340		506	
	4738		193			5461		188		
	4545		193			5273		188		
	4352		386			5085		376		
3	13635	4.545		900		15819	5.273		882	
	4919		188			4618		191		
	4731		188			4427		190		
	4543		376			4237		381		
4	14193	4.731		1276		13282	4.427		1263	
	4799		192			5366		189		
	4607		194			5177		188		
	4413		386			4989		377		
5	13819	4.606		1662		15532	5.177		1640	
		24.297					26.394			

F.B. 2411 P.G. 241

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 10:50 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-153 To BM 101-152
Date 5-9-57
Indexed K. 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
	4979	24297	191	1662		4771	26394	194	1640	
	4788		190			4577		194		
	4598		381			4383		388		
6	14365	4788		2043		13731	4577		2028	
	4823		190			5869		191		
	4633		188			5678		190		
	4445		378			5488		381		
7	13901	4634		2421		17035	5678		2409	
	4949		190			5730		192		
	4759		187			5538		191		
	4572		377			5347		383		
8	14280	4760		2798		16615	5538		2792	
	5436		189			6227		192		
	5241		185			6035		189		
	5056		374			5846		381		
9	15727	5242		3172		18108	6036		3173	
	5935		188			5531		192		
	5747		191			5339		188		
	5556		379			5151		380		
10	17238	5746		3551		16021	5340		3553	
		49467					53563			

F.B. 2411 P.G. 24 Z

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 PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 10:50 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-153 To BM 101-152
Date
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
	5032	49.467	189	3551		5172	53.563	189	3553	
	4843		188			4983		191		
	4655		377			4792		380		
11	14530	4.843		3928		14947	4.982		3933	
	4800		189			3242		185		B.M. 101-152
	4611		189			3057		186		S.P. RR, 0.39 mi. N. OF Co. LINE
	4422		378			2871		371		AT CULVERT mi. 397.61
12	13833	4.611		4.306		9170	3.057		4.304	
									4.306	
									8.610	
									0.55 mi.	SUMMATION OF RUN
										B.M. 101-153 TO B.M. 101-152
										TOTAL BACKSIGHTS +58.921
										TOTAL FORESIGHTS -61.602
										DIFF IN ELEVATION -2.681
		58.921					61.602			

F.B. 2411 P.G. 2-43

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 PART CLOUDY Inst. No. 50010
Notes by J. MOORY Time 11:40 to 12:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-152 To BM 101-153
Date 5-9-57
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
	3326		187		#11	4877		187		BM101-152
	3139		186			4690		189		S.P.R.R. 0.39 MI. N. of CO. LINE
	2953		373			4501		376		CULVERT AT MI. 397.61
1	9418	3139		373	64°	14068	4689		376	
	5196		190			5051		188		⊼ G.E. DREIER
	5006		189			4863		186		
	4817		379			4677		374		
2	15019	5006		752		14591	4864		750	
	5492		188			5901		190		
	5304		187			5711		190		
	5117		375			5521		380		
3	15913	5304		1127		17133	5711		1130	
	6236		192			5436		188		
	6044		190			5248		187		
	5854		382			5061		375		
4	18134	6045		1509		15745	5248		1505	
	5639		190			4862		189		
	5449		190			4673		187		
	5259		380			4486		376		
5	16347	5449		1889		14021	4674		1881	
		24943					25186			

F.B. 2411 P.G. 244

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 PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 11:40 to 12:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-152 To BM 101-153
Date 5-9-57
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
	5832	24943	191	1885		4783	25186	189	1888	
	5641		190			4594		189		
	5451		381	70		4405		378	59	
6	16924	5641		2266		13782	4594		2263	
	4713		193			4922		191		
	4520		191			4731		190		
	4329		384			4541		381		
7	13562	4521		2650		14194	4731		2642	
	5453		190			4888		192		
	5263		188			4696		192		
	5075		378	32		4504		384		
8	15791	5264		3028		14088	4696		3028	
	4775		191			5077		188		
	4584		191			4889		188		
	4393		382			4701		376		
9	13752	4584		3410		14667	4889		3404	
	5574		191			4849		191		
	5383		189			4658		190		
	5194		380			4468		381		
10	16151	5384		3790		13975	4658		3785	
		50.337					48.754			

F.B. 411 P.G. 245

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WIND PANT CLOUDY Inst. No. 50010
Notes by J. MOODY Time 11:40 to 12:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-152 To BM 101-153
Date 5-9-57
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
	5542	50.337	128	3790 4		5835	48.754	125	3785	
	5414		126			5710		123		
	5288		254	8		5587		248	29	
11	16244	5415		4044		17132	5711		4033	
	6163		125			4778		133		BM 101-153 (U.S. L-487, 1955
	6038		124			4645		133		SIERRA HWY AT CULVERT
	5914		249	7		4512		266	5	Station A-46+97 (0.9 Mi N of
12	18115	6038		4293		13935	4645		4299	LA. KERN CO LINE)
										SUMMATION of RUN
										BM. 101-152 to BM 101-153
										total BACKSIGHTS + 61.790
										" fore " − 59.110
										Diff in ELEV. + 2.680
		61.790					59.110			

F.B. 2411 P.G. 246

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY CLOUDY WINDY Inst. No. 50010
Notes by J. MOODY Time 11:00 to 3:00 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From BM 101-153 To BM 101-155
Date 5-10-57
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
	5122		179		#11	5104		175		BM 101-153 (U.S. L-487, 1955)
	4943		179			4929		173		SIERRA HWY AT STATION A-46+97
	4764		358			4756		348		
1	14829	4.943		.358		14789	4.930		.348	
	5788		182			5746		178		⊼ G.E. DREIER
	5606		181			5568		177		
	5425		363			5391		355		
2	16819	5.606		.721		16705	5.568		.703	
	5514		180			5459		181		
	5334		183			5278		180		
	5151		363			5098		361		
3	15999	5.333		1.084		15835	5.278		1.064	
	5568		179			5303		174		
	5389		180			5129		177		
	5209		359			4952		351		
4	16166	5.389		1.443		15384	5.128		1.415	
	4957		179			5338		180		
	4778		178			5158		179		
	4600		357			4979		359		
5	14335	4.778		1.800		15475	5.158		1.774	
		26.049					26.062			

F.B. 241 PG. 247

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 VERY WINDY VERY Inst. No. 500.10
Notes by J. MOODY Time 11:00 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-153 To BM 101-155
Date 5-10-57
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
	5495	26049	179	1800		5158	26062	179	1774	
	5316		179			4979		177		
	5137		358			4802		356		
6	15948	5316		2158		14939	4980		2130	
	5433		173			5527		187		
	5260		172			5340		188		
	5088		345			5152		375		
7	15781	5260		2503		16019	5340		2505	
	3847		179			4530		181		
	3668		178			4349		178		
	3490		357			4171		359		
8	11005	3668		2860		13050	4350		2864	
	5718		180			6015		177		
	5538		179			5838		178		
	5359		359			5660		355		
9	16615	5538		3219		17513	5838		3219	
	5125		177			4178		180		
	4948		176			3998		180		
	4772		353			3818		360		
10	14845	4948		3572		11994	3998		3579	
	50.779					50.568				

F.B. 2411 P.G. 248

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY CLOUDY Inst. No. 50010
Notes by J. MOODY Time 11:00 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM101-153 To BM101-155
Date 5-10-57
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
	4464	50.779'	180	3572'		4703	50.568'	176	3579'	
	4284		181			4527		177		
	4103		361			4350		353'		
11	128.51'	4.284'		3933'		13.580'	4.527'		3932'	
	5082		144			4717		145		+ 64.512'
	4938		145			4572		144		− 63.549'
	4793		289			4428		289'		+ 0.963'
12	148.13'	4.938'		4222'		137.17'	4.572'		4221'	
	4602		091			3978		096		
	4511		091			3882		095		
	4420		182			3787		191'		
13	135.33'	4.511'		4404'		116.47'	3.882'		4412'	
		64.572'					63.549'		4404'	BM101-154
									881.6'	SIERRA HWY, 1.5 MI. N. of
									=0.57 MI	CO. LINE AT CULVERT, STATION
										A-77+10, P.K. SPK. IN MIDDLE
	4.868		186		65°	5.478		183		of W. HEADWALL.
	4.682		184			5.295		187		
	4.498		370'			5.108		370'		↑ J. MOODY
14	14.048'	4.683'		4.774'		15.881'	5.294'		4.784	

F.B. 2411 P.G. 249

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-153 To BM 101-155
Date 5-10-57
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
	5.769	4.683	181	4.774		5.788	5.294	179	4.774	
	5.588		180			5.609		178		
	5.408		361			5.431		357		
15	16.765	5.588		5.135		16.828	5.609		5.13	
	4.943		178			4.688		180		
	4.765		180			4.508		177		
	4.585		358			4.331		357		
16	14.293	4.764		5.493		13.527	4.509		5.488	
	4.574		179			4.455		180		
	4.395		180			4.275		178		
	4.215		359			4.097		358		
17	13.184	4.395		5.852		12.827	4.276		5.846	
	4.297		179			4.019		180		
	4.118		177			3.839		180		
	3.941		356			3.659		360		
18	12.356	4.119		6.208		11.517	3.839		6.206	
	4.367		179			4.470		182		
	4.188		181			4.288		180		
	4.007		360			4.108		362		
19	12.562	4.187		6.568		12.866	4.289		6.568	
		27.736					27.816			

F.B. 2411 P.G. 250

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 VERY WINDY PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 11:00 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-155
Date 5-10-57
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
	5.170	27.736	178	6.568		4.868	27.816	180	6.568 76	
	4.992		179			4.688		178		
	4.813		357			4.510		358		
20	14.975	4.992		6.925		14.066	4.689		6.926 94	
	5.145		186			5.768		179		
	4.959		184			5.589		175		
	4.775		370			5.414		354		
21	14.879	4.960		7.295		16.771	5.590		7.288 8	
	4.875		183			4.758		181		
	4.692		181			4.577		179		
	4.511		364			4.398		360		
22	14.078	4.693		7.659		13.733	4.578		7.640 8	
	5.223		178			4.958		183		
	5.045		177			4.775		183		
	4.868		355			4.592		366		
23	15.136	5.045		8.014		14.325	4.775		8.006 14	
	4.645		177			4.563		182		
	4.468		180			4.381		179		
	4.288		357			4.202		361		
24	13.401	4.467		8.371		13.146	4.382		8.367 75	
		51.893					51.830			

F.B. 241 P.G. 257

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 VERY WINDY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-153 To B.M. 101-155
Date 5-10-57
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
	5.425	5.1893	165	8.371		4.657	5.1930	160	8.3~~69~~75	+57.154
	5.260		161			4.497		161		-56.327
	5.099		326			4.336		321		+0.827
25	15.784	5.261		8.697		13.490	4.497		8.6~~88~~96	B.M. 101-155 (U.S. K-487, 1955)
		57.154					5.[illegible]		8.697	S.P.RR AT MI. 394.97
									17.3~~85~~93	
									=1.12 mi	

F.B. 2411 P.G. 252

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY SCATTERED Clouds Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 1301.02
From B.M. 101-155 To B.M. 101-153
Date 5-10-57
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
	4.842		161		#11	5.607		165		B.M. 101-155 (U.S. K-487, 1955)
	4.681		160			5.442		163		S.P.R.R AT BRIDGE MI. 394.97
	4.521		321			5.279		328		OPP. HWY STAT A -
1	14.044	4.681		321	59°	16.328	5.443		.328	
	5.226		181			5.308		178		
	5.045		179			5.130		179		
	4.866		360			4.951		357		
2	15.137	5.046		.681		15.389	5.130		.685	↑ J. MOODY
	5.871		181			6.142		181		
	5.690		181			5.961		179		
	5.509		362			5.782		360		
3	17.070	5.690		1.043		17.885	5.962		1.045	
	5.688		181			5.805		181		
	5.507		181			5.624		181		
	5.326		362			5.443		362		
4	16.521	5.507		1.405		16.872	5.624		1.407	
	5.731		179			5.103		183		
	5.552		179			4.920		181		
	5.373		358			4.739		364		
5	16.656	5.552		1.763		14.762	4.921		1.771	
		26.476					27.080			

F.B. 2411 P.G. 25

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Chief of Party G. E. DREIER Weather WINDY SCATTERED CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-155 To B.M. 101-153
Date 5-10-57
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
	5.083	26.476	189	1763		5.386	27.080	179	1.771	
	4.904		177			5.207		179		
	4.727		366			5.028		358		
6	14.714	4.905		2.129		15.621	5.207		2.129	
	5.524		178			5.426		181		
	5.346		178			5.245		178		
	5.168		356			5.067		359		
7	16.038	5.346		2.485		15.738	5.246		2.488	
	5.434		177			5.713		179		
	5.257		179			5.534		176		
	5.078		356			5.358		355		
8	15.769	5.256		2.841		16.605	5.535		2.843	
	5.657		179			5.780		181		
	5.478		179			5.599		178		
	5.299		358			5.421		359		
9	16.434	5.478		3.199		16.800	5.[illegible]		3.202	
	5.543	47.461	180			5.797		179		
	5.363		176			5.618		179		
	5.187		356			5.439		358		
10	16.093	5.364		3.555		16.854	[illegible]		3.560	
		52.825					54.[illegible]			

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Chief of Party G. E. DREIER Weather WINDY PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-155 To B.M. 101-153
Date 5-10-57
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
	6.093	52.825	180	3555		6.074	54.286	180	3.560	
	5.913		178			5.894		180		+64.261
	5.735		358			5.714		360		-65.094
11	17.741	5.914		3913		17.682	5.894		3.920	- 0.833
	5.707		186			5.099		185		
	5.521		184			4.914		184		
	5.337		370			4.730		369		
12	16.565	5.522		4283		14.743	4.914		4.289	
		64.261					65.094		4.283	B.M. 101-154
									8.572	SIERRA HWY, 1.5 MI. N. OF CO.
									=0.55 MI.	LINE AT CULVERT AT STATION
										A-77+10, P.K. SPK IN MIDDLE
	5279		092			5902		089		OF W. HEADWALL
	5187		093			5813		088		
	5094		185			5725		177		
13	15.560	5.187		4468		17.440	5.813		4.466	
	5539		145			5904		145		
	5394		143			5759		145		
	5251		288			5614		290		
14	16.184	5.395		4756		17.277	5.759		4.756	
		10.582					11.572			

F.B. 2411 P.G. 255

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Chief of Party G. E. DREIER Weather ~~VERY windy~~ PART CLOUDY Inst. No. 50010
Notes by J. MOODY Time 9:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-155 To BM 101-153
Date 5-10-57
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
	5706	10.582	178	4756		5467	11.572	180	4756	
	5528		177			5287		179		
	5351		355			5108		359		
15	16585	5528		5111		15862	5287		5115	
	5476		181			6423		176		
	5295		178			6247		177		
	5117		359			6070		353		
16	15888	5296		5470		18740	6247		5468	
	6065		178			5771		181		
	5887		177			5590		179		
	5710		355			5411		360		
17	17662	5887		5825		16772	5591		5828	
	5098		176			4422		181		
	4922		177			4241		180		
	4745		353			4061		361		
18	14765	4922		6178		12724	4241		6189	
	5408		183			5321		178		
	5225		183			5143		175		
	5042		366			4968		353		
19	15675	5225		6544		15432	5144		6542	
		37440					38082			

F.B. 2411 PG. 256

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY VERY WINDY Inst. No. 50010
Notes by L. MOODY Time 9:15 to 11:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-1.55 To BM 101-1.53
Date 5-10-57
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
	5370	37.440	178	6544		5717	38.082	179	6542	
	5192		178			5538		179		
	5014		356			5359		358		
20	15576	5.192		6900		16614	5.538		6900	
	5693		177			5318		180		
	5516		178			5138		180		
	5338		355			4958		360		
21	16547	5.516		7255		15414	5.138		7260	
	5647		177			5911		181		
	5470		176			5730		178		
	5294		353			5552		359		
22	16411	5.470		7608		17193	5.731		7619	
	5407		180			5458		178		
	5227		180			5280		177		
	5047		360			5103		355		
23	15681	5.227		7968		15841	5.280		7974	
	5458		180			5500		181		
	5278		177			5319		180		
	5101		357			5139		361		
24	15837	5.279		8325		15958	5.319		8335	
		64.124					65.088			

F.B. 2411 P.G. 257

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather ~~VERY WINDY~~ CLOUDY Inst. No. 50010
Notes by J. MOODY Time 9:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-155 To BM 101-153
Date 5-10-57
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
	5125	64.124	174	8325		5138	65.088	179	8335	BM 101-153, (U.S. L-487, 1955)
	4951		173			4959		178		SIERRA Hwy AT STATION A-46+97
	4778		347			4781		357		
25	14854	4.951		8672		14878	4.959		8692	
		69.075					70.047		8672	
									17364	
										+69.075
										−70.047
										−0.972

F.B. 2411 P.G. 258

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 50010
Notes by J. MOODY Time 10:40 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-155 To B.M. 101-156
Date 5-13-57
Indexed K. 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
	4667		320		#11	6165		328		B.M. 101-155 (U.S. K-487, 1955)
	4347		318			5837		326		S.P.R.R. AT BRIDGE M. 394.97
	4029		638			5511		654		
1	13.043	4.348		.638	65°	17.513	5.838		.654	
	5811		179			5195		182		
	5632		180			5013		178		
	5452		359			4835		360		T G. E. DREIER
2	16.895	5.632		.997		15.043	5.014		1.014	
	5309		181			5551		174		
	5128		180			5377		175		
	4948		361			5202		349		
3	15.385	5.128		1.358		16.130	5.377		1.363	
	5792		176			5543		180		
	5616		178			5363		178		
	5438		354			5185		358		
4	16.846	5.615		1.712		16.091	5.364		1.721	
	5903		180			5491		180		
	5723		180			5311		178		
	5543		360			5133		358		
5	17.169	5.723		2.072		15.935	5.312		2.079	
		26.446					26.905			

F.B. 2411 P.G. 259

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by J. MOODY Time 10:40 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-155 To B.M. 101-156
Date 5-13-57
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
	6051	26.446	180	2.072		5237	26.905	179	2.079	
	5871		179			5058		179		
	5692		359			4879		358		
6	17614	5.871		2.431		15174	5.058		2.437	
	5939		180			5441		180		
	5759		179			5261		179		
	5580		359			5082		359		
7	17278	5.759		2.790		15784	5.261		2.796	
	5770		179			5390		180		
	5591		180			5210		179		
	5411		359			5031		359		
8	16772	5.591		3.149		15631	5.210		3.155	
	6767		181			3730		182		
	6586		180			3548		181		
	6406		361			3367		363		
9	19759	6.586		3.510		10645	3.548		3.518	
	5214		177			4978		180		
	5037		179			4798		179		
	4858		356			4619		359		
10	15109	5.036		3.866		14395	4.798		3.877	
		55.289					50.710			

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Chief of Party G. E. DREIER Weather WIND Inst. No. 50010
Notes by J. MOODY Time 10:40 to 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 3301.02
From BM 101-155 To BM 101-156
Date 5-13-57
Indexed K. 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
	6418	55.289	180	3866		4276	50.780	183	3877	
	6238		179			4093		180		
	6059		359			3913		363		
11	18715	6238		4225		12282	4094		4240	
	6092		179			4800		182		
	5913		176			4618		180		
	5737		355			4438		362		SUMMATION OF RUN
12	17742	5914		4580		13856	4619		4602	BM 101-155 to BM 101-156
	6463		185			4879		176		TOTAL BACKSIGHTS +85.569
	6278		184			4703		175		" FORE " −73.547
	6094		369			4528		351		DIFF IN ELEV. +12.022
13	18835	6278		4949		14110	4703		4953	
	6492		175			5326		183		
	6317		176			5143		180		
	6141		351			4963		363		
14	18950	6317		5300		15432	5144		5316	
	5714		181			4381		174		BM 101-156 (U.S. @ 56, 1926
	5533		181			4207		174		U ?
	5352		362			4033		348		
15	16599	5533		5662		12621	4207		5664	
		85.569					73.547		5.662	
									11.326 = 0.73 MI	0.15

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Chief of Party G. E. DREIER Weather WIND Inst. No. 50010
Notes by J. MOODY Time 11:40 to 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-156 To BM 101-155
Date 5-13-57
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
	4258		178		#11	5589		180		BM 101-156 (U.S. , Q-56-1926
	4080		177			5409		178		
	3903		355			5231		358		
1	12241	4.080		355	71°	16229	5.410		358	
	5248		180			6411		178		T G.E. DREIER
	5068		179			6233		177		
	4889		359			6056		355		
2	15205	5.068		714		18700	6.233		713	
	4828		180			6405		180		
	4648		180			6225		179		
	4468		360			6046		359		
3	13944	4.648		1074		18676	6.225		1072	
	4844		181			6132		179		
	4663		180			5953		179		
	4483		361			5774		358		
4	13990	4.663		1435		17859	5.953		1430	
	4238		180			6387		180		
	4058		180			6207		178		
	3878		360			6029		358		
5	12174	4.058		1795		18623	6.208		1788	
		22.517					30.029			

F.B. 2411 P.G. 262

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 WIND Inst. No. 50010
Notes by J. MOODY Time 11:40 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-156 To BM101-155
Date 5-13-57
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
	4919	22.517'	179	1.795'		5153	30.029'	180	1.788'	
	4740		180			4973		180		
	4560		359'			4793		360'		
6	14219'	4.740'		2.154'		14919'	4.973'		2.148'	
	3667		183			6708		179		
	3484		183			6529		178		
	3301		366'			6351		357'		
7	10452'	3.484'		2.520'		19588'	6.529'		2.505'	
	5372		181			5749		179		
	5191		180			5570		178		
	5011		361'			5392		357'		
8	15574'	5.191'		2.881'		16711'	5.570'		2.862'	
	5358		181			5857		179		
	5177		179			5678		180		
	4998		360'			5498		359'		
9	15533'	5.178'		3.241'		17033'	5.678'		3.221'	
	5203		180			6013		179		
	5023		177			5834		177		
	4846		357'			5657		356'		
10	15072'	5.024'		3.598'		17504'	5.835'		3.577'	
		46.134'					58.614'			

F.B. 2411 P.G. 263

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 VERY windy Inst. No 50010
Notes by J. MOODY Time 11:40 to 2:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NP
Job No. 0301.02
From BM 101-156 To BM 101-155
Date 5-13-57
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
	5338	46.134	179	3.598		5753	58.614	182	3.577	
	5159		179			5571		179		
	4980		358			5392		361		
11	15477	5.159		3.956		16716	5.572		3.938	
	5563		178			5812		178		
	5385		177			5634		176		
	5208		355			5458		354		
12	16156	5.385		4.311		16904	5.635		4.292	SUMMATION OF RUN
	5522		175			5283		181		BM 101-156 to BM 101-155
	5347		176			5102		177		total BACKSIGHTS + 72.977
	5171		351			4925		358		" FORE " − 84.998
13	16040	5.347		4.662		15310	5.103		4.650	Diff in Elev − 12.021
	5179		177			5803		184		
	5002		175			5619		183		
	4827		352			5436		367		
14	15008	5.003		5.014		16858	5.619		5.017	
	6274		326			4777		322		B.M 101-155 (U.S. K-487, 1955
	5948		324			4455		322		S.P.R.R. at BRIDGE M1 394.97
	5624		650			4133		644		
15	17846	5.949		5.664		13365	4.455		5.661	
		72.977					84.998			

F.B. 2411 P.G. 264

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 Inst. No. 50010
Notes by J. Moody Time 9:30 to 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-156 To B.M. 101-157
Date 5-14-57
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
	5859		180		#11	4010		177		B.M. 101-156 (U.S. U-56, 1926)
	5679		180			3833		176		SIERRA HWY NEAR STATION 144+65
	5499		360			3657		353		
1	17037	5.679		360	63°	11500	3.833		353	G.E.DREIER
	7018		180			5008		183		
	6838		178			4825		183		
	6660		358			4642		366		
2	20516	6.839		718		14475	4.825		719	
	7067		179			5662		181		
	6888		177			5481		181		
	6711		356			5300		362		
3	20666	6.889		1.074		16443	5.481		1.081	
	5802		180			3908		177		
	5622		178			3731		174		
	5444		358			3557		351		
4	16868	5.623		1.432		11196	3.732		1.432	
	5992		178			4629		182		
	5814		177			4447		179		
	5637		355			4268		361		
5	17443	5.814		1.787		13344	4.448		1.793	
		30844					22319			

F.B. 2411 P.G. 265

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 Inst. No 50010
Notes by J. MOODY Time 9:30 to 10:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 101-156 To BM 101-157
Date 5-14-57
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
	6771	30,844	181	1787		4390	22,319	179	1793	
	6590		179			4211		179		
	6411		360			4032		358		
6	19772	6,591		2147		12633	14,211		2151	+44.061
										-29.275
	6743		117			2858		114		+14.786
	6626		117			2744		112		
	6509		234			2632		226		
7	19878	6,626		2381		8234	2,745		2377	
		44.061					29.275		2381	T.B.M.
									4758	S.P. R.R. & WILLOW SPRINGS RD
									=0.31 mi	N.W. COR., CHISELED SQ. IN S.W.
										COR. of BASE of SEMAPHORE
	5115		177			4351		180		#3938
	4938		177			4171		180		
	4761		354			3991		360		
8	14814	4,938		2735		12513	4,171		2737	
	5859		171			3719		180		
	5688		175			3539		179		
	5513		346			3360		359		
9	17060	5,687		3081		10618	3,539		3096	
		10,625					7,110			

F.B. 241 P.G. 266

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 Inst. No. 50010
Notes by J. MOODY Time 9:30 to 10:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 101-156 To BM 101-157
Date 5-14-57
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
	6938	10.625	179	3.081		4091	7.710	180	3.096	
	6759		179			3911		180		
	6580		358			3731		360		
10	20277	6.759		3.439		11733	3.911		3.456	
	7013		178			4001		181		
	6835		178			3820		181		
	6657		356			3639		362		
11	20505	6.835		3.795		11460	3.820		3.818	
	6707		182			3942		180		
	6525		182			3762		179		
	6343		364			3583		359		
12	19575	6.525		4.159		11287	3.762		4.177	
	6132		180			3568		180		
	5952		180			3388		181		
	5772		360			3207		361		
13	17856	5.952		4.519		10163	3.388		4.538	
	6891		180			4180		180		
	6711		179			4000		180		
	6532		359			3820		360		
14	20134	6.711		4.878		12000	4.000		4.898	
		43407					26591			

F.B. 2411 P.G. 267

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 Inst. No 50010
Notes by J. MOODY Time 9:30 to 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-156 To BM 101-157
Date 5-14-57
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
	6512	4.340	180	4.878		3603	2.659	181	4.898	
	6332		180			3422		180		
	6152		360			3242		361		
15	18996	6.332		5.238		10267	3.422		5.259	
	7458		180			4577		180		
	7278		179			4397		180		
	7099		359			4217		360		
16	21835	7.278		5.597		13191	4.397		5.619	
	7141		180			4232		180		
	6961		179			4052		179		
	6782		359			3873		359		
17	20884	6.961		5.956		12157	4.052		5.978	
	7159		180			3425		181		
	6979		179			3244		181		
	6800		359			3063		362		
18	20938	6.979		6.315		9732	3.244		6.340	
	6810		150			4508		146		
	6660		150			4362		148		
	6510		300			4214		294		
19	19980	6.660		6.615		13084	4.361		6.634	
		77.617					46.067			

F.B. 2411 PG. 268

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 Inst. No. 50010
Notes by J. MOODY Time 9:30 to 10:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 101-156 To BM 101-157
Date 5-14-57
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
	6437	77.617	100	6615		5178	46.067	099	6634	+83.955
	6337		098			5079		099		-51.146
	6239		198			4980		198		+32.809
										B.M. 101-157 (U.S. K-488, 1955
20	19013	6.338		6813		15237	5079		6832	SIERRA HWY AT CULVERT STATION
		83.955					51.146		6813	A-190+48
									13.645	
									= 0.88 mi	
										SUMMATION OF RUN
					DIFF IN ELEVATION					B.M. 101-156 TO T.B.M. +14.786
										T.B.M. TO B.M. 101-157 +32.809
										B.M. 101-156 TO B.M. 101-157 47.595

F.B. 2411 P.G. 269

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 Inst. No 50010
Notes by J. MOODY Time 10:50 to 12:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0.3.01.02
From BM 101-157 To BM 101-156
Date 5-14-57
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
	4977		098		#11	6238		100	
	4879		098			6138		100	
	4781		196			6038		200	
1	14.637	4879		.196	68°	18.414	6138		200
	4512		148			6812		150	
	4364		147			6662		149	
	4217		295			6513		299	
2	13.093	4364		.491		19987	6662		.499
	3522		180			7258		181	
	3342		180			7077		179	
	3162		360			6898		360	
3	10.026	3342		.851		21233	7078		.859
	4087		180			7094		178	
	4007		180			6916		178	
	3827		360			6738		356	
4	12.021	4007		.121		20748	6916		1.215
	4567		188			7448		182	
	4387		180			7266		180	
	4207		360			7086		362	
5	13.161	4387		1.571		21800	7267		1.577
	20.979					34.051			

F.B. 2411 P.G. 270

DESCRIPTION AND REMARKS

BM 101-157 (U.S. , K-488, 1955
SIERRA HWY AT CULVERT STATION
A-190+40
G.E. DREIER

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 Inst. No. 50010
Notes by J. MOODY Time 10:50 to 12:05 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 101-157 To BM 101-156
Date 5-14-57
Indexed K. 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
	3557	20.979	180	1.571		6468	34.061	181	1.577	
	3377		179			6287		181		
	3198		359			6106		362		
6	10132	3.377		1.930		18861	6.287		1.939	
	4168		180			6879		181		
	3988		181			6698		180		
	3807		361			6518		361		
7	11963	3.988		2.291		20095	6.698		2.300	
	3658		181			6224		181		
	3477		179			6043		180		
	3298		360			5863		361		
8	10433	3.478		2.651		18130	6.043		2.661	
	3939		180			6703		183		
	3759		179			6520		181		
	3578		359			6339		364		
9	11276	3.759		3.010		19562	6.521		3.025	
	3989		180			7003		180		
	3809		179			6823		177		
	3630		359			6646		357		
10	11428	3.809		3.369		20472	6.824		3.382	
		39.390					66.434			

F.B. 2411 P.G. 271

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 Inst. No 50010
Notes by J. MOODY Time 10:50 to 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-157 To BM 101-156
Date 5-14-57
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
	4075	39.390'	182	3369'		6919	66.434'	179	3382'	
	3893		181			6740		178		
	3712		363			6562		357		
11	11.680	3.893'		3732		20221	6.740'		3739'	+50.862'
	3600		179			5745		177		-83.667'
	3421		179			5568		176		-32.805'
	3242		358			5392		353		
12	10263'	3.421'		4090'		16.705'	5.568'		4092'	
	4338		180			5103		178		
	4158		180			4925		177		
	3978		360			4748		355		
13	12.474'	4.158'		4450'		14776'	4.925'		4447'	
		50.862'					83.667'			T.B.M.
										S.P.R.R. & WILLOW SPRING RD
										N.W. COR. CHISELED SQ. IN S.W
										COR. of BASE of SEMAPHORE
	2746		114			6631		120		#3938
	2632		112			6511		118		
	2520		226'			6393		238'		
14	7.898	2.633'		4676'		19535'	6.512'		4685'	

F.B. 2411 P.G. 272

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 Inst. No. 50010
Notes by J. MOORE Time 10:50 to 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From 13M101-157 To 13M101-156
Date 5-14-57
Indexed K. 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
	4313	2.633	178	4676		6695	6.512	181	4.685	
	4135		179			6514		181		
	3956		357			6333		362		
15	12404	4.135		5033		19542	6.514		5047	
	4639		181			6008		180		
	4458		180			5828		177		
	4278		361			5651		357		
16	13375	4.458		5394		17487	5.829		5404	
	3842		175			5737		180		
	3667		179			5557		179		
	3488		354			5378		359		
17	10997	3.666		5748		16672	5.557		5763	
	5531		180			6940		178		
	5351		180			6762		180		
	5171		360			6582		358		
18	16053	5.351		6108		20284	6.761		6121	
	5061		182			7069		178		
	4879		182			6891		178		
	4697		364			6713		356		
19	14637	4.879		6472		20673	6.891		6477	
		25.122					38.064			

F.B. 2411 P.G. 273

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 Inst. No. 50010
Notes by J. MOODY Time 10:50 to 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 101-157 To BM 101-156
Date 5-14-57
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
	4074	25.122	175	6472		5929	38.064	182	6477	+ 29.020
	3899		177			5747		182		- 43.811
	3722		352			5565		364		- 14.791
20	11.695	3.898		6824		17.241	5.747		6841	B.M. 101-156 (U.S. , W-56, 1926 SIERRA HWY NEAR STATION 144+65
		29.020					43.811			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 101-157 TO T.B.M. - 32.805
" " " T.B.M. TO B.M. 101-156 - 14.791
" " " B.M. 101-157 TO B.M. 101-156 - 47.596

F.B. 2411 P.G. 274

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 SCATTERED CLOUDS WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:25 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-157 To B.M. 101-158
Date 5-14-57
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
	6.487		176		# 11	3.947		180		B.M. 101-157 (U.S. , K-488, 1955)
	6.311		176			3.767		178		SIERRA HWY AT CULVERT STATION
	6.135		352			3.589		358		A-190+48
1	18.933	6.311		352	65°	11.303	3.768		358	
	7.295		180			3.099		180		
	7.115		180			2.919		180		
	6.935		360			2.739		360		J. Moody
2	21.345	7.115		.712		8.757	2.919		.718	
	7.030		179			3.658		180		
	6.851		182			3.478		180		
	6.669		361			3.298		360		
3	20.550	6.850		1.073		10.434	3.478		1.078	
	6.601		184			3.608		182		
	6.417		180			3.426		180		
	6.237		364			3.246		362		
4	19.255	6.418		1.437		10.280	3.427		1.440	
	6.455		183			4.288		185		
	6.272		183			4.103		181		
	6.089		366			3.922		366		
5	18.816	6.272		1.803		12.313	4.104		1.806	
		32.966					17.696			

F.B. 2411 P.G. 275

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 101-157 To B.M. 101-158
Date 5-14-57
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
	6.333	32.966	180	1.803		3.552	[illegible]	183	1.806	
	6.158		179			3.369		180		
	5.979		359			3.189		363		
6	18.475	6.158		2.162		10.110	3.370		2.169	
	8.086		181			3.497		182		
	7.905		178			3.315		182		
	7.727		359			3.133		364		
7	23.718	7.906		2.521		9.945	3.315		2.533	
	7.356		181			1.168		180		
	7.175		180			0.988		179		
	6.995		361			0.809		359		
8	21.526	7.175		2.882		2.965	0.988		2.892	SUMMATION OF RUN B.M. 101-157 TO B.M. 101-158
	7.402		180			4.772		183		TOTAL BACKSIGHTS + 68.512
	7.222		180			4.589		186		TOTAL FORESIGHTS − 33.078
	7.042		360			4.409		363		DIFF IN ELEVATION + 35.434
9	21.666	7.222		3.242		13.770	4.590		3.255	
	7.300		215			3.331		212		
	7.085		214			3.119		211		
	6.871		429			2.908		423		
10	21.256	7.085		3.671		9.358	3.119		3.678	B.M. 101-158 (U.S.G.S. 2407, 30, 1902) S.P. RR. OPPOSITE Hwy STA. A215+99
		68.512					33.078			3.671 / 7.349 = 0.47 mi

F.B. 2411 P.G. 2.76

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 SCATTERED CLOUDS WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:25 TO Rod No. 11812

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 101-158 To B.M. 101-157
Date 5-14-57
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
	3.342		213			7.311		213		B.M. 101-158 (U.S. D.S.C.S 2407, 30, 1902)
	3.129		210			7.098		215		S.P.R.R OPPOSITE Hwy STATION A-215+99
	2.919		423			6.883		428		
1	9.390	3.130		423		21.292	7.097		428	
	4.778		181			7.410		181		T J. MOODY
	4.597		180			7.229		179		
	4.417		361			7.050		360		
2	13.792	4.597		.784		21.689	7.230		788	
	1.061		181			7.248		180		
	0.880		181			7.068		179		
	0.699		362			6.889		357		
3	2.640	0.880		1.146		21.205	7.068		1.147	
	3.439		180			8.033		181		
	3.259		183			7.852		179		
	3.076		363			7.673		360		
4	9.774	3.258		1.509		23.558	7.853		1.507	
	3.538		180			6.324		180		
	3.358		180			6.144		177		
	3.178		360			5.967		357		
5	10.074	3.358		1.869		18.435	6.145		1.864	
		15.223					35.393			

F.B. 2411 P.G. 277

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 SCATTERED CLOUDS WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:25 TO 3:10 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVELING
Job No. 0301.02
From B.M. 101-158 To B.M. 101-157
Date 5-14-57
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
	4.263	15.223	184	1.869		6.431	36.393	181	1.864	
	4.079		182			6.250		181		
	3.897		366			6.069		362		
6	12.239	4.080		2.235		18.750	6.254		2.226	
	3.641		184			6.634		182		
	3.457		181			6.452		183		
	3.276		365			6.269		365		
7	10.374	3.458		2.600		19.355	6.452		2.591	
	3.574		181			6.948		181		SUMMATION OF RUN
	3.393		180			6.767		186		B.M. 101-158 TO B.M. 101-157
	3.213		361			6.587		361		TOTAL BACKSIGHTS +32.855
8	10.180	3.393		2.961		20.302	6.767		2.952	TOTAL FORESIGHTS -68.305
	3.119		182			7.314		181		DIFF IN ELEVATION -35.450
	2.937		181			7.133		180		
	2.756		363			6.953		361		
9	8.812	2.937		3.324		21.400	7.133		3.313	
	3.943	3.091	179			6.488	6.488	179		
	3.764		179			6.309		176		
	3.585		358			6.133		353		B.M. 101-157 (U.S. , K-488, 1955
10	11.292	3.764		3.682		18.930	6.310		3.668	SIERRA Hwy AT CULVERT STATION
		32.855					68.305			A-190+48

F.B. 2411 P.G. 2.78

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. Weather ~~VERY WIND~~ CLEAR Inst. No. 50010
Notes by J. MOODY Time 9:30 to 10:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM101-158 To BM101-157
Date 5-15-57
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
	2885		212		#11	6854		216		BM101-157 (U.S. U.S.G.S. 2407, 30, 1902
	2673		211			6638		215		S.P.R.R., OPP. HWY STA. 215+9
	2462		423			6423		431		
1	8.020	2673		423	63°	19.915	6638		431	G.E. DREIER
	4603		180			7239		182		
	4423		180			7057		182		
	4243		360			6875		364		
2	13.269	4423		783		21.171	7057		795	
	1069		182			7253		179		
	0887		182			7074		181		
	0705		364			6893		360		
3	2.661	0887		1147		21.220	7073		1155	
	3301		181			7891		178		
	3120		183			7713		177		
	2937		364			7536		355		
4	9.358	3119		1511		23.140	7713		1510	
	3630		180			6418		179		
	3450		179			6239		178		
	3271		359			6061		357		
5	10.351	3450		1870		18.718	6239		1867	
	14.552					34.720				

F.B. 2411 P.G. 275

Form 25 S & E #379 1-54

Chief of Party [redacted]

Notes by [redacted] 1-157

Indexed K. C. 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
	3968	14552	181	1870		6135	34720	183	1867	
	3787		182			5952		181		
	3605		363			5771		364		
6	11360	3.787		2233		17858	5953		2231	
	3727		180			6721		182		
	3547		180			6539		181		
	3367		360			6358		363		
7	10641	3.547		2593		19618	6.539		2594	SUMMATION OF RUN
	3406		183			6778		181		BM 101-158 to BM 101-157
	3223		180			6597		179		total BACKSIGHTS + 31.635
	3043		363			6418		360		" FORE " − 67.073
8	9672	3.224		2956		19793	6.598		2954	DIFF IN ELEV. − 35.438
	3009		182			7199		179		
	2827		183			7020		178		
	2644		365			6842		357		
9	8480	2.827		3322		21061	7.020		3311	
	3876		179			6418		176		
	3697		177			6242		174		
	3520		356			6068		350		B.M. 101-157 (U.S. K-488, 1955)
10	11093	3.698		3678		18728	6.243		3661	SIERRA HWY AT CULVERT STA. A-19+48
		31.635					67.073			

F.B. 2411 P.G. 280