Notes Ck'd by	Survey of
Map No.	JN Tape Std °F
Office Work	Surveyed by
Checked	Notes Date
Date	Indexed

F.B. 1367 Pg.

BOOK INDEX

LINE No. 45

DESCRIPTIONS PAGE 5 TO 16

DIFF. IN ELEVATIONS (1955) " 21 TO 128

LINE No 46

DESCRIPTIONS PAGE 151 TO 170

DIFF. IN ELEVATIONS (1955) " 171 TO 284

403 Logs
#319 1-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend this side of this line.

F. B. _____ PG _____

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Scale
Office Work	W. O. Tape No. Sr'd of
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 2-23-55
	Indexed C. Johnson 3-10-55

L.A.CO. PRECISE LEVEL NET

JOB NO. 0301.02

LINE NO. 45

LARK ELLEN AVE FROM FRANCISQUITO AVE TO GLADSTONE STREET

DREIER
LANDA
SONNENSCHEIN
RODRIGUEZ, R.J.
DALE, W.P.

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

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

76F3095 247 4-53

F. B. 1367 Pg. 6

B.M. 11-24
F.B. 1376-25 (AZUSA ROCKCO.)

B.M. 11-25 F.B. 1376-26

B.M. 11-23
F.B. 1376-24

GLADSTONE ST.

B.M. 45-11
F.B. 1367-16

B.M. 16-1
F.B. 1380-200

ARROW HWY

T.B.M. 45-10

B.M. 16-2
F.B. 1380-201

B.M. 39-2
F.B. 1360-8

T.B.M. #1 LINE 39

CYPRESS AVE

B.M. 39-1
F.B. 1360-7

IRWINDALE AVE

VINCENT AVE

B.M. 45-9
F.B. 1367-15

SAN BERNARDINO RD.

B.M. 45-8
F.B. 1367-14

PUENTE ST.

B.M. 45-7
F.B. 1367-13

ROWLAND AVE

B.M. 45-6
F.B. 1367-12

WORKMAN AVE

ELLEN AVE.

GARVEY AVE

B.M. 45-5
F.B. 1367-11

STUART AVE

B.M. 45-4
F.B. 1367-10

CAMERON AVE

LARK

B.M. 45-3
F.B. 1367-9

MERCED AVE

B.M. 45-2
F.B. 1367-8

PUENTE

B.M. 45-1
F.B. 1367-7

GLENDORA AVE

B.M. 37-8
F.B. 1358-15

B.M. 37-7
F.B. 1358-14

B.M. 37-6
F.B. 1358-13

B.M. 37-9
F.B. 1358-16

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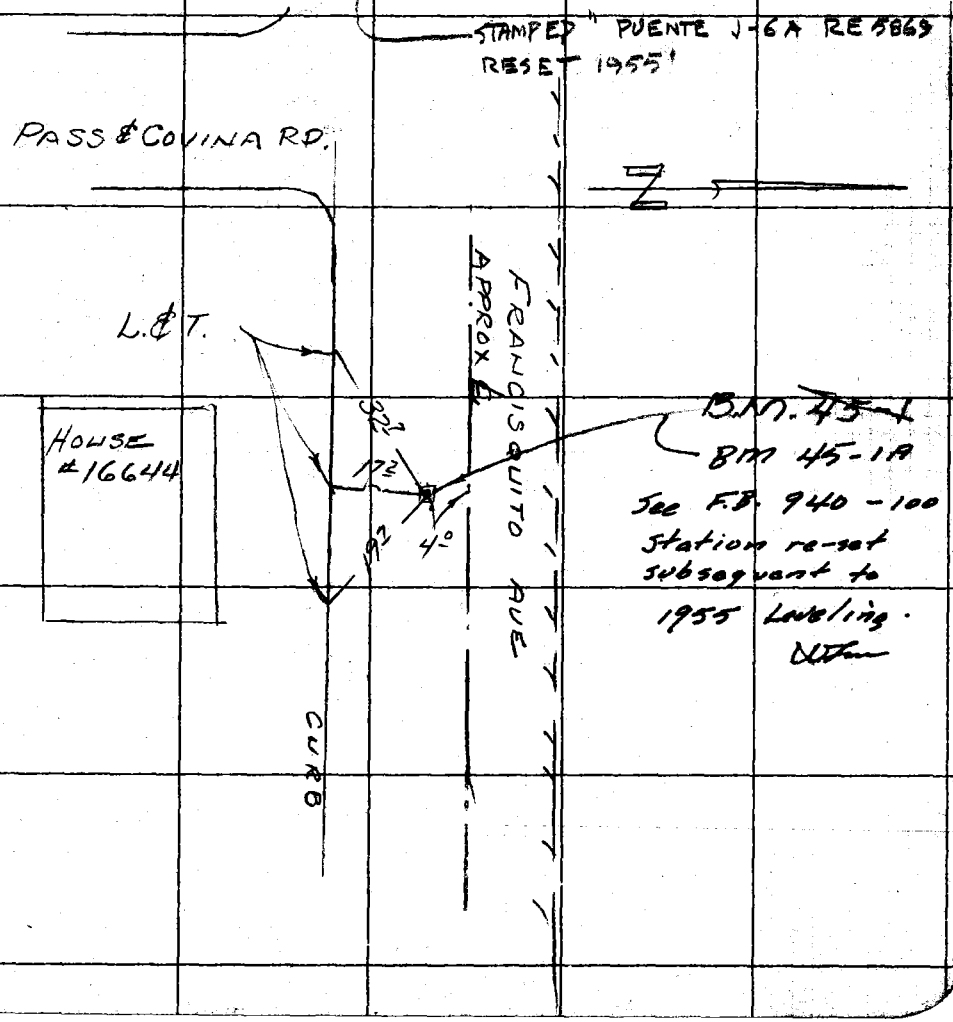
Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-7-55
Date	Indexed E. C. Johnson

F.B. 1367 Pg. 7

B.M. ~~45-1~~ 45-1A (PUENTE J-6A)

FRANCISQUITO AVE, EAST OF PASS AND COVINA ROAD IN FRONT OF HOUSE # 16644 A STANDARD COUNTY SURVEY CONTROL ~~TRAVERSE~~ TRIANGULATION STATION STAMPED PUENTE J-6A IN CONCRETE 13 ~~9~~ INCHES BELOW THE SURFACE AND PROTECTED BY A CAST COVER LETTERED "COUNTY ~~SURVEYOR~~ ENGIN[redacted] MONUMENT"

1952 ADJ. ELEV. 411.420



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RETURN TO
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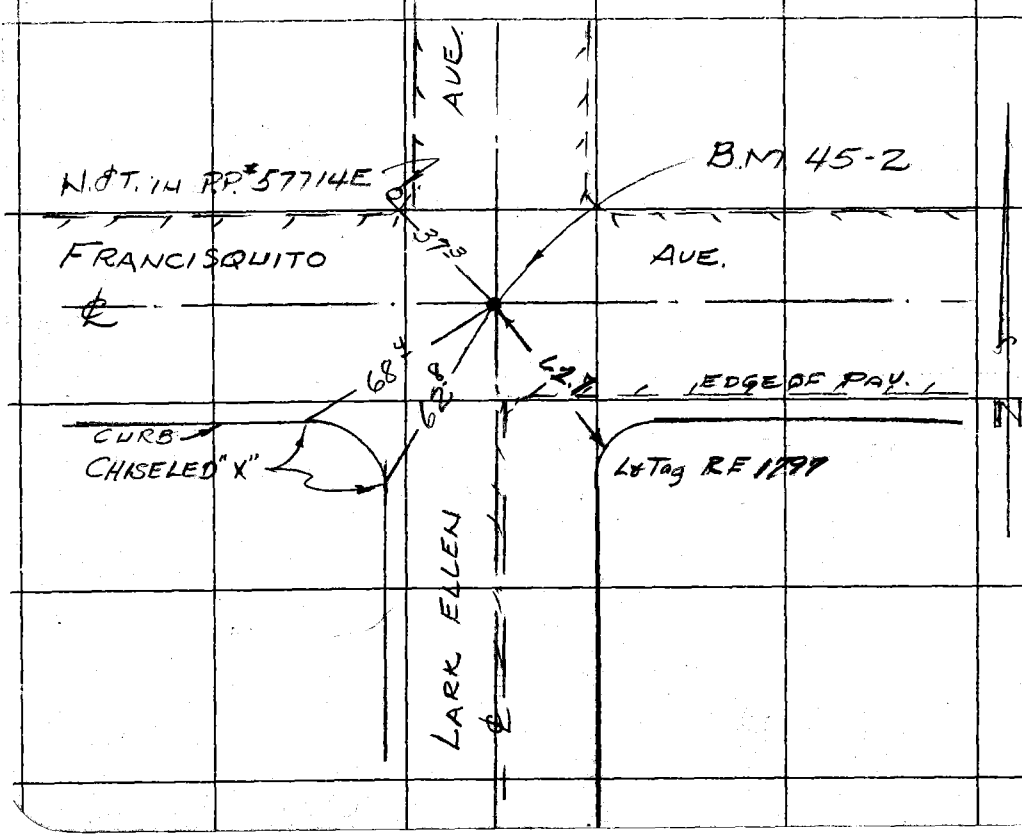
726 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3096 247 4-52

F. B. 1367 PG. 8

B.M. 45-2 (PUENTE K-6)
LARK ELLEN AVE AND FRANCISQUITO AVE,
℄ INTERSECTION, A 2½" BRASS CAP STAMPED
"COUNTY SURVEYOR MONUMENT PUENTE K-6"
IN CONCRETE 18 INCHES BELOW THE SURFACE
AND PROTECTED BY A CAST IRON COVER
LETTERED "COUNTY SURVEYOR MONUMENT"
1952 ADJ. ELEV. 429.532

Note due to the condition of this cap use
The 2nd R. in Surveyor for point to
hold rod
FEB 25 June 1963



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726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 831103 Tape No. Sr'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-7-55
Date	Indexed E. C. Johnson

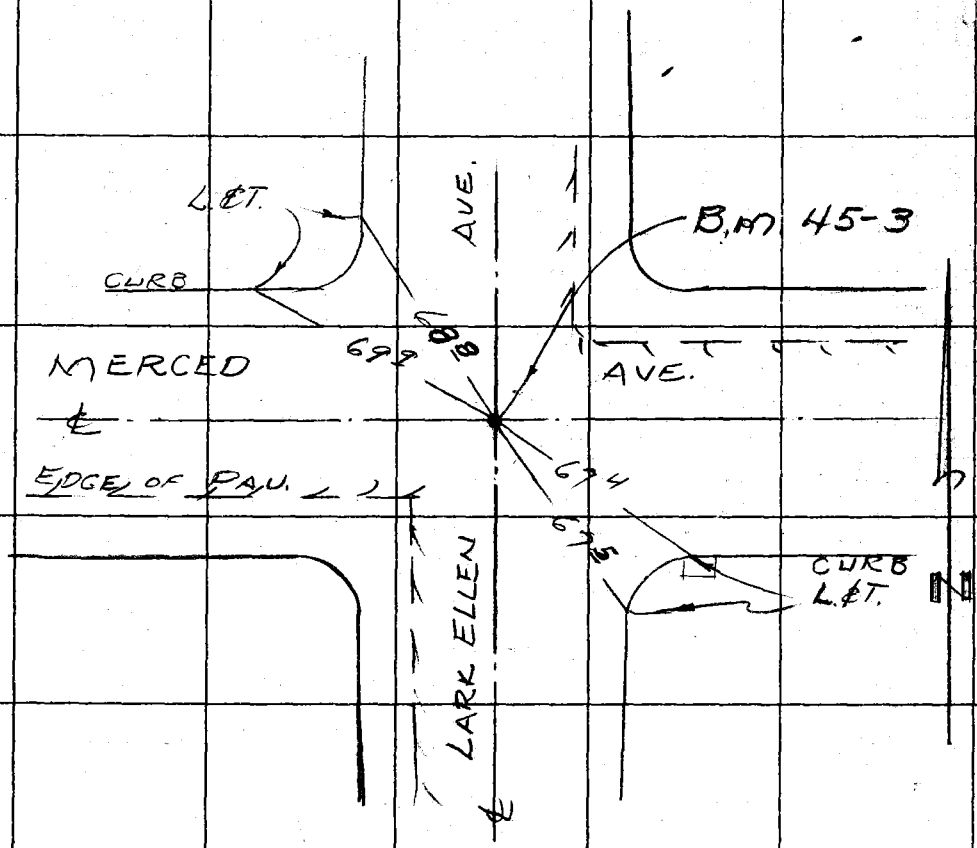
F.B. 1367 PG. 9

BM 45-3A

~~B.M. 45-3~~

LARK ELLEN AVE AND MERCED AVE.
℄ INTERSECTION, A L.A. Co. Flood Control Std. ~~A STANDARD RECAST~~
"4" Brass Disc in Conc. Stamped 1957
~~COUNTY SURVEYOR R.E. 63 MONUMENT~~
11 INCHES BELOW THE SURFACE AND PROTECTED
BY A CAST IRON COVER LETTERED "COUNTY
~~ENGINEER~~ ~~SURVEYOR~~ MONUMENT"

1952 ADJ. ELEV. 415.575



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726 LOS ANGELES COUNTY
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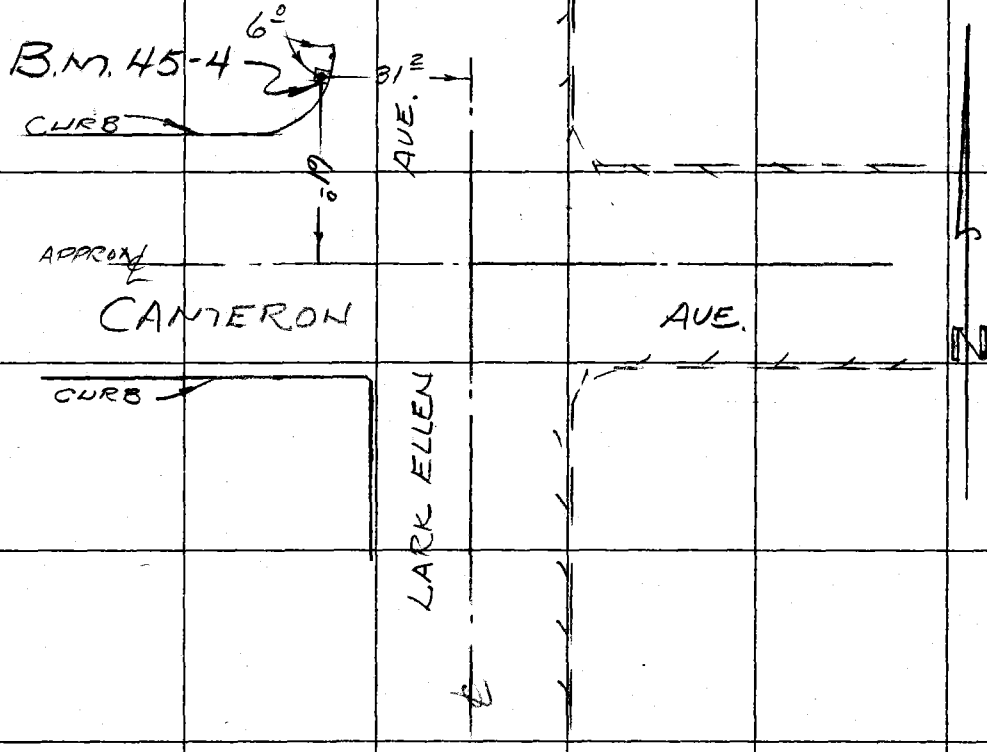
76F3088 247 4-55

F.B. 1367 Pg. 10

B.M. 45-4

LARK ELLEN AVE AND CAMERON AVE., N.W. COR., 61.0 FEET NORTH OF AND 31.2 FEET WEST OF ℄ INTERSECTION, 1.0 FT. BACK OF CURB RETURN, 6 FEET S. OF N. END CURB RETURN A 2 INCH BRASS CAP, STAMPED COUNTY SURVEYOR "B.M. 45-4 1955 R.E. 63", ON A 2 INCH I.P. SET IN CONCRETE FLUSH WITH THE SURFACE.

1952 ADJ. ELEV., 416.795



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Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 8-7-55
Date	Indexed C. Johnson

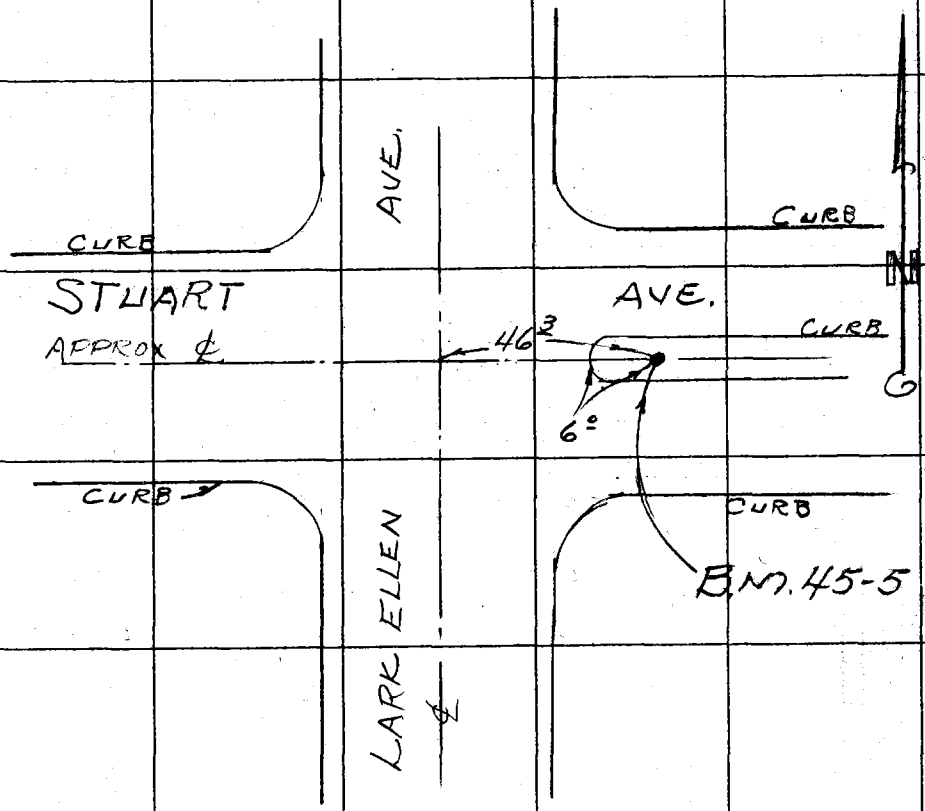
F.B. 1367 Pg. 11

NOT RECOVERED 4-26-66
PROBABLY DESTROYED 1960
BY STORM DRAIN CONS.

B.M 45-5

LARK ELLEN AVE AND STUART AVE,
46.3 FEET EAST OF ℄ INTERSECTION,
A BRASS CAP, STAMPED "COUNTY SURVEYOR
B.M. 45-5 1955 RE.63" ON A 2" I.P. SET
IN CONCRETE FLUSH WITH THE SURFACE
IN CENTER OF CENTER PARKWAY.

1952 ADJ. ELEV. 422.815



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

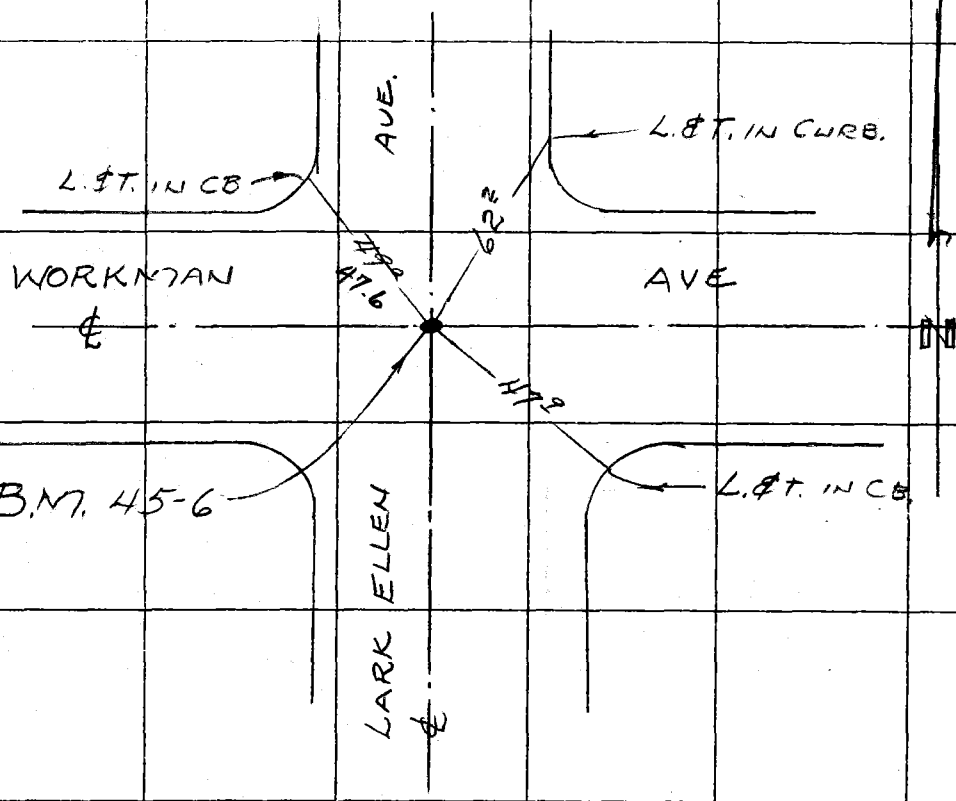
76FS008 247 4-53

F. B. 1367 Pg. 12

B.M. 45-6

LARK ELLEN AVE. AND WORKMAN AVE., ℄ INTERSECTION, A STANDARD PRECAST "COUNTY SURVEYOR R.E. 63" MONUMENT 8 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 436.974



RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.
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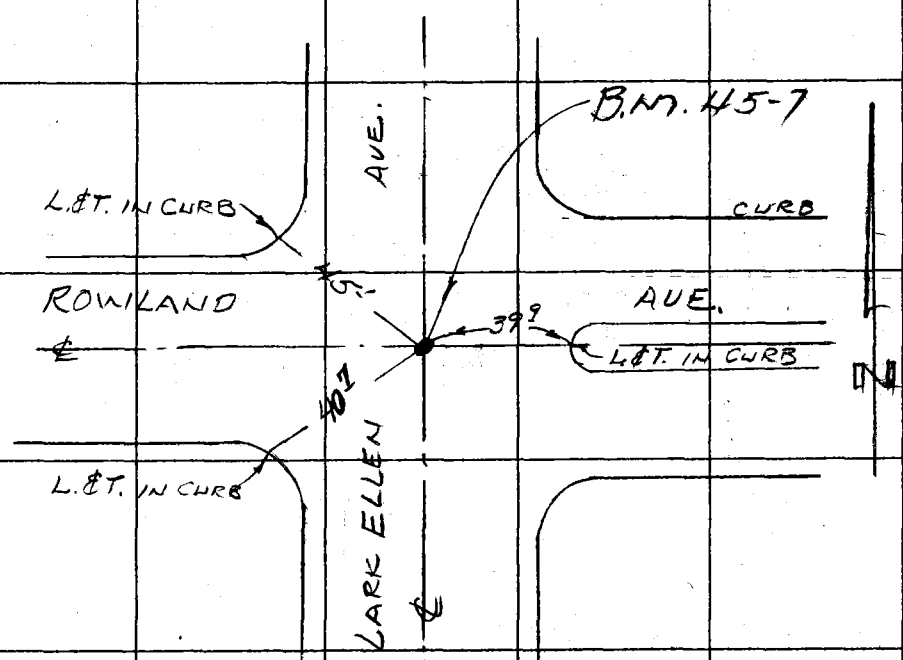
Notes Ck'd by	Survey of A. CO. PRECISE LEVEL NET. B. 1367 Pg. 13
Map No.	W. O. P301.03 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-7-55
Date	Indexed J. C. Johnson

B.M. 45-7

LARK ELLEN AVE AND ROWLAND AVE, ℄ INTERSECTION, A STANDARD PRECAST "COUNTY SURVEYOR RE.63" MONUMENT 8 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 442.429



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

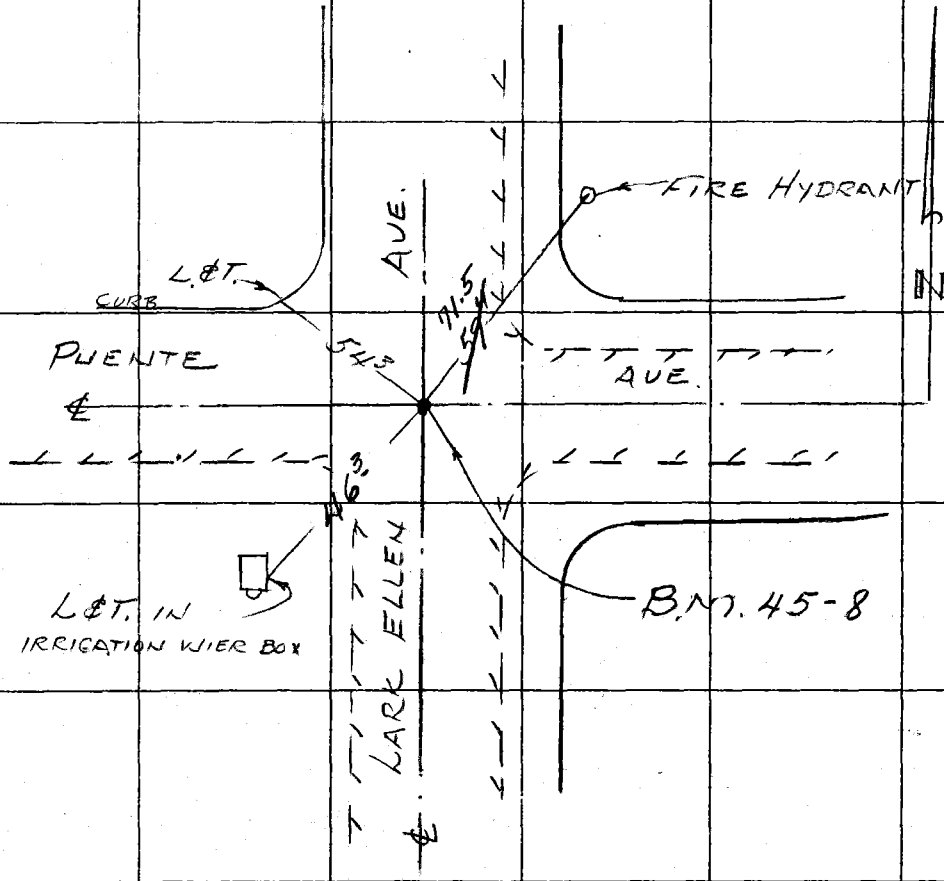
76F3098 247 4-53

F.B. 1967 PG. 14

B.M. 45-8

LARK ELLEN AVE. AND PUENTE AVE., ℄ INTERSECTION, A STANDARD PRECAST "COUNTY SURVEYOR R.E. 63" MONUMENT 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT."

1952 ADJ. ELEV. 450.422'



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720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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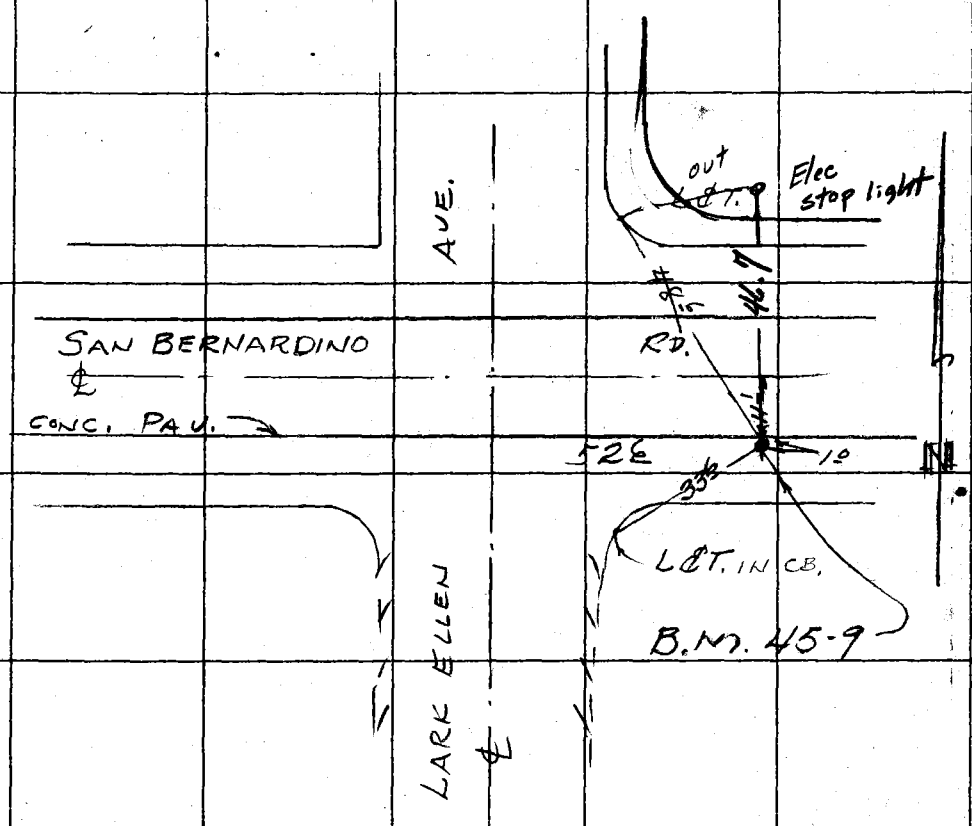
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NP F.B. 1367 Pg. 15
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Note G. E. DREIER Date 3-7-55
Date	Indexed A. C. Johnson

B.M. 45-9

LARK ELLEN AVE AND SAN BERNARDINO RD., 52.6 FEET EAST OF, AND 11.1 FEET SOUTH OF ℄ INTERSECTION, A STANDARD MONUMENT STAMPED "B.M. 45-9 1955 R.E. 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 462.301



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

76F3098 247 4-53

F.B. 1367 Pg. 16

T.B.M. 45-10

LARK ELLEN AVE AND MASLINE ST., N.W. COR., B.SPK. IN MOST WESTERLY CURB, 5 FEET NORTH OF N. END OF CURB RETURN IN FRONT OF HOUSE #4903.

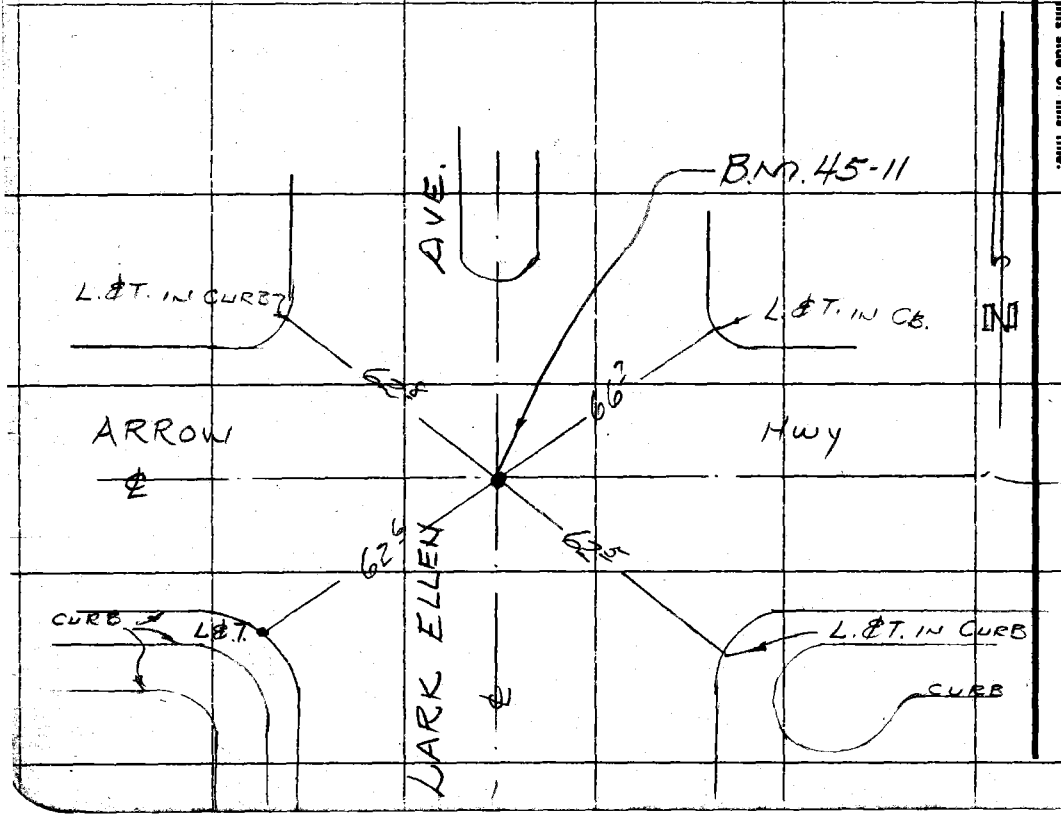
1952 ADJ. ELEV. 477.761

B.M. 45-11

LARK ELLEN AVE AND ARROW Hwy., ℄ INTERSECTION A STANDARD MONUMENT STAMPED "9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

COUNTY SURVEYOR R.10W. T.1S. SEC 3 + SEC 10 1/4 COR R.E. 2177

1952 ADJ. ELEV. 484.154



RETURN TO
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726 LOS ANGELES COUNTY
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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 3:05 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-8 To B.M. 37-9
Date 2-23-55
Indexed 3-10-55 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
	4.513		200		#11	5.733		202		BM. 37-8 (PUENTE G-6A
	4.313		201			5.531		200		FRANCISQUITO AVE TO E. & GLENDORA AVE
	4.112		401			5.331		402		SEE F.B. 1358-15
1	12.938	4.313		401	70°	16.595	5.532		402	FOR DESCRIPTION
	3.578		203			5.372		203		
	3.375		202			5.169		202		T E. LANDA
	3.173		405			4.967		405		
2	10.126	3.375		806		15.508	5.169		807	
	3.121		203			5.329		202		
	2.918		205			5.127		204		
	2.713		408			4.923		406		
3	8.752	2.917		1.214		15.379	5.126		1.213	
	3.061		233			6.432		232		B.M. 37-9 (PUENTE G-6A)
	2.828		232			6.200		228		FRANCISQUITO AVE TO W. &
	2.596		465			5.972		460		GLENDORA AVE.
4	8.485	2.828		1.679		18.604	6.201		1.673	SEE F.B. 1358-16 FOR DESC.
										SUMMATION OF RUN
										B.M. 37-8 TO B.M. 37-9
										TOTAL BACKSIGHTS +13.433'
										TOTAL FORESIGHTS -22.028'
		13.433'					22.028'			DIFF IN ELEVATION -8.595'

F.B. 1367 P.G. 21

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
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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 3:20 TO 3:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 37-9 To B.M. 37-8
Date 2-23-55
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
	6.462		230			3.093		234		B.M. 37-9 (PUENTE G-7
	6.232		229			2.859		233		FRANCISQUITO AVE TO WEST &
	6.003		459			2.626		467		GLENDORA AVE
1	18.697	6.232		.459		8.578	2.859		.467	SEE F.B. 1358-16 FOR DESC.
	5.309		206			3.101		203		
	5.103		202			2.898		203		↑ E. LANDA
	4.901		408			2.695		406		
2	15.313	5.104		.867		8.694	2.898		.873	
	5.333		203			3.540		203		
	5.130		200			3.337		200		
	4.930		408			3.137		403		
3	15.393	5.131		1.274		10.014	3.338		1.276	
	5.820		201			4.601		201		B.M. 37-8 (PUENTE G-6A)
	5.619		200			4.400		200		FRANCISQUITO AVE., TO EAST,
	5.419		401			4.200		401		& GLENDORA AVE
4	16.858	5.619		1.675		13.201	4.400		1.677	SEE F.B. 1358-15 FOR DESC.
										SUMMATION OF RUN
										B.M. 37-9 TO B.M. 37-8
										TOTAL BACKSIGHTS +22.086
										TOTAL FORESIGHTS -13.495
	22.086					13.495				DIFF IN ELEVATION + 8.591

F.B. 1367 P.G. 22

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZY Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-8 To B.M. 37-7
Date 2-23-55
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
	6.285		206		#11	4.388		205		B.M. 37-8 (PUENTE G-6A)
	6.079		205			4.183		204		TO E. FRANCISQUITO AVE. & GLENDORA AVE.
	5.874		411			3.979		409		SEE F.B. 1358-15
1	18.238	6.079		411		12.550	4.183		409	FOR DESCRIPTION
	5.660		207			4.902		203		
	5.453		204			4.699		205		
	5.249		411			4.494		408		TT E. LANDA
2	16.362	5.454		822		14.095	4.698		817	
	5.981		206			4.381		203		
	5.775		205			4.178		203		
	5.570		411			3.975		406		
3	17.326	5.775		1.233		12.534	4.178		1223	
	5.771		206			4.105		205		
	5.565		205			3.900		202		
	5.360		411			3.698		407		
4	16.696	5.565		1.644		11.703	3.901		1.630	
	5.699		206			4.045		207		
	5.493		204			3.838		206		
	5.289		410			3.632		413		
5	16.481	5.494		2.054		11.515	3.838		2.043	
		28.367					20.798			

F.B. 1367 P.G. 23

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 37-8 To B.M. 37-7
Date 2-23-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.750	28.367	206	2054		4.072	20.198	203	2043	
	5.544		202			3.869		203		
	5.342		408			3.666		406		
6	16.636	5.545		2.462		11.607	3.869		2.449	
	5.744		206			4.075		205		
	5.538		206			3.870		202		
	5.332		412			3.668		407		
7	16.614	5.538		2.874		11.613	3.871		2.856	
	5.784		205			4.161		201		
	5.579		204			3.960		201		
	5.375		409			3.759		402		
8	16.738	5.579		3.283		11.880	3.960		3.258	
	5.901		207			4.272		204		
	5.694		205			4.068		203		
	5.489		412			3.865		407		
9	17.084	5.695		3.695		12.205	4.068		3.665	
	5.751		152			4.399		153		
	5.599		151			4.246		153		
	5.448		303			4.093		306		
10	16.798	5.599		3.998		12.738	4.246		3.971	
		56.323					40.812			

F.B. 1367 P.G. 24

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 1:30 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-8 To B.M. 37-7
Date 2-23-55
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
	5.800	56.323'	149	3.998'		5.066	40.812'	157	3.971'	B.M. 37-7 (PUENTE I-6)
	5.651		148			4.909		158		FRANCISQUITO AVE & WALNUT AVE
	5.503		297'			4.751		315'		SEE F.B. 1358-14
11	16.954'	5.651'		4.295'		14.726'	4.909'		4.286'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 37-8 TO B.M. 37-7
										TOTAL BACKSIGHTS +61.974'
										TOTAL FORESIGHTS -45.721'
										DIFF IN ELEVATION +16.253'
										F.B. 1367 P.G. 25
		61.974'					45.721'			

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by 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. 1367 P.G. 26

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 2:15 TO 3:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-7 To B.M. 37-8
Date 2-23-55
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
	5252		152		#11	5994		155		B.M. 37-7 (PUENTE I-6)
	5.100		151			5,839		151		FRANCISQUITO AVE & WALNUT AVE.
	4.949		303			5.688		306		SEE F.B. 1358-14
1	15,301	5.100		.303	72°	17.521	5.840		.306	FOR DESCRIPTION
	4.411		152			5.769		156		
	4.259		153			5.613		153		⊼ E. LANDA
	4.106		305			5.460		309		
2	12.776	4.259		.608		16.842	5.614		.615	
	4.234		204			5.864		207		
	4.030		203			5.657		205		
	3.827		407			5.452		412		
3	12.091	4.030		1.015		16.973	5.658		1.027	
	4.053		203			5.676		206		
	3.850		202			5.470		204		
	3.648		405			5.266		410		
4	11.551	3.850		1.420		16.412	5.471		1.437	
	4.009		206			5.673		205		
	3.803		203			5.468		207		
	3.600		409			5.261		412		
5	11.412	3.804		1.829		16.402	5.467		1.849	
		21.043					28.050			

F.B. 1367 P.G. 27

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 2:15 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-7 To B.M. 37-8
Date 2-23-55
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.095	21.043	206	1.829		5.770	28.050	203	1.849	
	3.889		205			5.567		203		
	3.684		411			5.364		406		
6	11.668	3.889		2.240		16.701	5.567		2.255	
	4.003		206			5.655		205		
	3.797		207			5.450		205		
	3.590		413			5.245		410		
7	11.390	3.797		2.653		16.350	5.450		2.665	
	4.170		206			5.837		205		
	3.964		204			5.632		204		
	3.760		410			5.428		409		
8	11.894	3.965		3.063		16.897	5.632		3.074	
	4.210		206			5.808		207		
	4.004		204			5.601		203		
	3.800		410			5.398		410		
9	12.014	4.005		3.473		16.807	5.602		3.484	
	4.922		207			5.675		205		
	4.715		205			5.470		202		
	4.510		412			5.268		407		
10	14.147	4.716		3.885		16.413	5.471		3.891	
		41.415					55.772			

F.B. 1367 P.G. 28

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 2:15 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-7 To B.M. 37-8
Date 2-23-55
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
	4.403	41.415'	203	3.885'		6.302	55.772'	206	3.891'	B.M. 37-8 (PUENTE G-6A)
	4.200		203			6.096		204		FRANCISQUITO AVE & GLENDORA AVE
	3.997		406'			5.892		410'		SEE F.B. 1358-15
11	12.600'	4.200'		4.291'		18.290'	6.097'		4.301'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 37-7 TO B.M. 37-8
										TOTAL BACKSIGHTS +45.615'
										TOTAL FORESIGHTS -61.869'
										DIFF IN ELEVATION -16.254'
										F.B. 1367 P.G. 29
		45.615'					61.869'			

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 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. 367 P.G. 30										

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 10:00 TO 11:00 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-7 To B.M. 37-6
Date 2-23-55
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
	6.623		195		#11	4.482		193		B.M. 37-7 (PUENTE I-6)
	6.428		196			4.289		196		FRANCISQUITO AVE & WALNUT AVE
	6.232		391			4.093		389		SEE F.B. 1358-14
1	19.283	6.428		391	62°	12.864	4.288		389	FOR DESCRIPTION
	6.205		195			4.397		197		
	6.010		196			4.200		197		
	5.814		391			4.003		394		↑ E. LANDA
2	18.029	6.010		782		12.600	4.200		783	
	6.426		205			4.218		208		
	6.221		203			4.010		205		
	6.018		408			3.805		413		
3	18.665	6.222		1.190		12.033	4.011		1.196	
	6.580		205			4.420		203		
	6.295		205			4.217		205		
	6.090		410			4.012		408		
4	18.885	6.295		1.600		12.649	4.216		1.604	
	6.465	24.955	207			4.278		207		
	6.258		205			4.071		206		
	6.053		412			3.865		413		
5	18.776	6.259		2.012		12.214	4.071		2.017	
		31.214					20.786			

F.B. 1367 P.G. 31

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. 500.10
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-7 To B.M. 37-6
Date 2-23-55
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
	6.460	31.214	207	2.012		4.321	30.786	203	2.017	
	6.253		205			4.118		204		
	6.048		412			3.914		407		
6	18.761	6.254		2.424		12.353	4.118		2.424	
	6.323		212			4.170		206		
	6.111		211			3.964		204		
	5.900		423			3.760		410		
7	18.334	6.111		2.847		11.894	3.965		2.834	
	6.496		212			4.270		206		
	6.284		210			4.064		204		
	6.074		422			3.860		410		
8	18.854	6.285		3.269		12.194	4.065		3.244	
	6.408		207			4.233		205		
	6.201		204			4.028		208		
	5.997		411			3.820		413		
9	18.606	6.202		3.680		12.081	4.027		3.657	
	5.984		099			5.201	32.761	102		T.P. PUENTE J-6
	5.886		098			5.099		104		FRACISQUITO AVE & VALINDA AVE
	5.787		197			4.995		206		
10	17.656	5.885		3.877		15.295	5.098		3.863	
		61.951					42.059			

F.B. 1367 PG. 32

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 10:00 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0 301.02
From B.M. 37-7 To B.M. 37-6
Date 2-23-55
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
	9.056	61.951	185	3.877		0.860	42.059	199	3.863	+ 61.951
	8.871		181			0.661		196		- 42.059
	8.690		366			0.465		395		+ 19.892
11	26.617	8.872		4.243		1.986	0.662		4.258	
	7.087		207			3.120		209		
	6.880		205			2.911		211		
	6.675		412			2.700		420		
12	20.642	6.881		4.655		8.731	2.910		4.678	
	6.782		208			4.008		212		B.M. 37-6
	6.574		206			3.796		212		AVE. TASSAND COVINA RD. & FRANCISQUITO
	6.368		414			3.584		424		SEE F.B. 1358-13
13	19.724	6.575		5.069	66°	11.388	3.796		5.102	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +84.279
										TOTAL FORESIGHTS -49.427
										DIFF IN ELEV. B.M. 37-7 TO B.M. 37-6 +34.852
										" " " " " TO P.J. 5-6 +19.892
										" " " T.P. P.J. 5-6 TO B.M. 37-6 +14.960
		84.279					49.427			

F.B. 1367 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 Inst. No.
Notes by G. E. DREIER 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. 1367 P.G. 34

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 CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 11:05 TO 11:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.30102
From B.M. 37-6 To B.M. 37-7
Date 2-23-55
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.021		212		#11	6.793		205		B.M. 37-6
	3.809		209			6.588		209		PASS AND COVINA RD. & FRANCISQUITO AVE
	3.600		421			6.379		414		SEE F.B. 1358-13
1	11.430	3.810		421	66°	19.760	6.587		414	FOR DESCRIPTION
	3.151		211			7.119		207		
	2.940		210			6.912		203		
	2.730		421			6.709		410		TT E. LANDA
2	8.821	2.940		.842		20.740	6.913		.824	
	0.910		198			9.105		185		
	0.712		199			8.920		181		
	0.513		397			8.739		366		T.P. PUENTE J-6
3	2.135	0.712		1.239		26.764	8.921		1.190	FRANCISQUITO AVE & VALINDA AVE
	5.184	7.462	101			5.972	22.421	102		
	5.083		101			5.870		101		22.421
	4.982		202			5.769		203		7.462
4	15.249	5.083		1.441		17.611	5.870		1.393	-14.959
	4.290		200			6.477		214		
	4.090		198			6.263		210		
	3.892		398			6.053		424		
5	12.272	4.091		1.839		18.793	6.264		1.817	
		16.636					34.555			

F.B. 1367 P.G. 35

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [redacted] DREIER Weather: CLEAR Inst. No.: 50010
Notes by: G. F. DREIER Time: 11:05 TO 11:[illegible] Rod No.: 11812

Name: C. A. CO. PRECISE LEVEL NET
Job No: 030102
From: B.M. 37-6 To: B.M. 37-7
Date: 2-23-55
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
	4.212	16.636	207	1.839		6.439	34.555	210	1.817	
	4.005		205			6.229		209		
	3.800		412			6.020		419		
6	12.017	4.006		2.251		18.688	6.229		2.236	
	4.178		208			6.330		214		
	3.970		207			6.116		211		
	3.763		415			5.905		425		
7	11.911	3.970		2.666		18.351	6.117		2.661	
	4.315		205			6.452		205		
	4.110		206			6.247		207		
	3.904		411			6.040		412		
8	12.329	4.110		3.077		18.739	6.246		3.073	
	4.340		208			6.531		208		
	4.132		204			6.323		205		
	3.928		412			6.118		413		
9	12.400	4.133		3.489		18.972	6.324		3.486	
	4.408		207			6.485		205		
	4.201		205			6.280		206		
	3.996		412			6.074		411		
10	12.605	4.202		3.901		18.839	6.280		3.897	
		37.057					65.751			

F.B. 1367 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 CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 11:05 TO 11:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. B 30102
From B.M. 37-6 To B.M. 37-7
Date 2-23-55
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
	4.247	37.057	207	3.901		6.459	65.751	207	3.897	
	4.040		203			6.252		203		
	3.837		410			6.049		410		
11	12.124	4.041		4.311		18.760	6.253		4.307	
	4.425		198			6.232		193		
	4.227		196			6.039		194		
	4.031		394			5.845		387		
12	12.683	4.228		4.705		18.116	6.039		4.694	
	4.490		198			6.632		197		B.M. 37-7
	4.292		195			6.435		195		FRANCISQUITO AVE & WALNUT AVE
	4.097		393			6.240		392		SEE F.B. 1358-14
13	12.879	4.293		5.098		19.307	6.436		5.086	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +49.619
										TOTAL FORESIGHTS -84.479
										DIFF IN ELEV. B.M. 37-6 TO B.M. 37-7 -34.860
										" " " " TO PJ. J-6 -14.959
										" " " PJ. J-6 TO B.M. 37-7 -19.901
		49.619					84.479			

F.B. 1367 P.G. 37

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

Name C. 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. 1367 P.G. 38

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR WINDY Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-6 To B.M. 45-2
Date 2-10-55
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
	7.672		204		#11	3.140		206		B.M. 37-6
	7.468		206			2.934		202		PASS AND COVINA RD. & FRANCISQUITO AVE
	7.262		410			2.732		408		SEE F.B. 1358-13
1	22.402	7.467		410	70°	8.806	2.935		408	FOR DESCRIPTION
	6.121		152			4.559		156		
	5.969		151			4.403		152		T E. LANDA +13.436
	5.818		303			4.251		308		7.339
2	17.908	5.969		713		12.213	4.404		716	+6.097
		13.436					7.339			B.M. 45-1 (PUENTE J-6A)
										FRANCISQUITO AVE & HO.#
										SEE F.B. 1267-7
										FOR DESCRIPTION
	7.811		207			3.102		204		
	7.604		205			2.898		201		
	7.399		412			2.697		405		
3	22.814	7.605		1125		8.697	2.899		1121	
	6.769		207			3.058		208		
	6.562		204			2.850		204		
	6.358		411			2.646		412		
4	19.689	6.563		1536		8.554	2.851		1533	
		27.604					13.089			

F.B. 1367 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 WINDY Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0361.02
From B.M. 37-6 To B.M. 45-2
Date 2-10-55
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
	6,579	27.604'	204	1536'		3.169	13.089'	207	1533'	
	6.375		203			2.962		203		
	6.172		407'			2.759		410'		
5	19,126'	6.375'		1.943'		8.890'	2.963'		1.943'	
	6856		205			2847		207		
	6.651		206			2.640		204		
	6.445		411'			2436		411'		
6	19.952'	6.651'		2354'		7.923'	2.641'		2354'	
	6,560		161			4.292		161		B.M. 45-2 (PUENTE K-6)
	6.399		161			4.131		161		FRANCISQUITO AVE. & LARK ELLEN AVE
	6.238		322'			3.970		322'		SEE F.B. 1358-8
7	19,197'	6.399'		2676'		12393'	4.131'		2676'	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 47.029'
										TOTAL FORESIGHTS − 22.824'
										DIFF. IN ELEV. B.M. 37- TO B.M. 45-2 +24.205'
										" " " " 37- TO " 45-1 + 6.097
										" " " " 45-1 TO " 45-2 +18.108
		47.029'					22.824'			

F.B. 1367 P.G. 40

76P526 S & E #379 1-54

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-2 To B.M. 37-6
Date 2-10-55
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
	4.239		161			6.508		165		B.M. 45-2 (PUENTE K-6)
	4.078		161			6.343		162		FRANCISQUITO AVE & LARKELLEN AVE.
	3.917		322			6.181		327		SEE F.B. 1358-8
1	12.234	4.078		322		19.032	6.344		327	FOR DESCRIPTION
	2.890		207			6.899		206		(USE T IN MON.)
	2.683		204			6.693		202		
	2.479		411			6.491		408		T E. LANDA
2	8.052	2.684		.733		20.083	6.694		.735	
	3.131		203			6.540		202		
	2.928		207			6.338		205		
	2.721		410			6.133		407		
3	8.780	2.927		1.143		19.011	6.337		1.142	
	3.050		207			6.759		205		
	2.843		204			6.554		202		
	2.639		411			6.352		1407		
4	8.532	2.844		1.554		19.665	6.555		1.549	
	3.121		208			7.828	25.933	207		
	2.919		205			7.621		203		
	2.714		408			7.418		410		
5	8.754	2.918		1.964		22.867	7.622		1.959	
		15.451					33.552			

F.B. 1367 P.G. 41

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR WINDY Inst. No. 500 10
Notes by G. E. DREIER Time 2:15 TO 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-2 To B.M. 37-6
Date 2-10-55
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
		15.451		1.962			33.552		1.959	B.M. 45-1 PUENTE J-6A FRANCISQUITO AVE & HA. SEE F.B. 1358-7 FOR DESCRIPTION
	4538		153			6.102		152		-33.552
	4.385		154			5.950		152		15.451
	4231		307			5798		304		-18.101
6	13.154	4.385		2.268		17.850	5.950		2.263	
	3.150		200			7688		207		B.M. 37-6 PASS & COVINA CP. & FRANCISQUITO AVE SEE F.B. 1358-13 FOR DESCRIPTION
	2950		204			7.481		204		
	2.746		404			7.277		411		
7	8.846	2.949		2.673		22.446	7.482		2.674	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +22.785
										TOTAL FORESIGHTS -46.984
								DIFF. IN ELEV.		B.M. 45-2 TO B.M. 37- -24.199
								" "		" 45-2 TO " 45-1 -18.101
								" "		45-1 TO " 37- -6.098
		22.785					46.984			

F.B. 1362 P.G. 42

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by R Rodriguez Time 2:30 TO 3:15 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-1 To B.M. 45-2
Date 3-4-55
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
	7772		206		#11	3061		202		B.M. 45-1 (Puente J-6A)
	7566		206			2859		202		Francisquito Ave & Ave. #16644
	7360		412			2657		404		See F.B. 1367-7
1	22698	7566		412		8577	2859		404	for description
	6757		206			3041		206		
	6551		205			2835		205		⊼ E. Lenda
	6346		411			2630		411		
2	19654	6551		823		8506	2835		815	
	6350		203			3151		207		
	6357		202			2944		204		
	6155		205			2740		411		SUMMATION OF RUN
3	19072	6357		1228		8835	2945		1226	B.M 45-1 TO B.M 45-2
	6820		206			2862		206		TOTAL BACKSIGHTS = +33.484
	6664		205			2654		203		TOTAL FORESIGHTS = -15.373
	6459		411			2451		409		DIFF IN ELEV = +18.111
4	19995	6664		1639		7965	2655		1635	
	6509		163			4240		160		B.M. 45-2 (Puente K-6)
	6346		163			4080		162		Francisquito Ave & Lark Ellen Ave
	6183		326			3918		322		See F.B. 1367-8
5	19038	6346		1965		12238	4079		1957	for description
		33484					15373			

F.B. 1367 P.G. 43

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by R. Rodriguez Time 3:15 TO 4:00 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-2 To B.M. 45-1
Date 3-4-55
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.	4217 4053 3892 12162	4054	164 161 325	~~1965~~ 325		[illegible] 6321 [illegible] 18964	[illegible]	163 162 325	~~1957~~ 325	B.M. 45-2 (Puente K-6 Francisquito Ave & Lark Ellen Ave See F.B. 1367-8 for description
2.	2871 2666 2460 7997	2666	205 206 [illegible]	736 ~~2701~~		6882 6678 [illegible] [illegible]	[illegible]	204 205 [illegible]	734 [illegible]	⊼ E. Lands
3.	3113 2907 2701 8721	2907	206 206 412	1148 ~~3113~~		[illegible] [illegible] [illegible] [illegible]	[illegible]	203 205 408	1148 ~~3099~~	SUMMATION OF RUN B.M. 45-2 TO B.M. 45-1
4	3072 2866 2660 8598	2866	206 206 412	1560 ~~3525~~		6788 6581 6378 19747	6582	207 203 410	1552 ~~3529~~	TOTAL BACKSIGHTS = +15.394 TOTAL FORESIGHTS = −33.505 DIFF IN ELEV −18.111
5	3104 2900 2699 8703	2901	204 201 405	1965 ~~3930~~		7812 7608 7401 22821	7607	204 207 411	1963 ~~3920~~	B.M. 45-1 (Puente J6-4) Francisquito Ave & Hse. #16644 See F.B. 1367-7 for description
		15394					33505			

F.B. 1367 P.G. 44

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:15 Rod No. 11 & 12

Name L.A. COUNTY PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-2 To B.M. 45-3
Date 2-14-55
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
	6.611		206			4.463		204		B.M. 45-2
	6.405		205			4.259		205		FRANCISQUITO AVE & LARK ELLEN AVE
	6.200		410			4.054		409		SEE F.B. 1367-8
1	19.216	6.405		.410		12.776	4.259		.409	FOR DESCRIPTION
	5.124		210			6.589		218		
	4.914		209			6.371		217		⊼ E. LANDA
	4.705		419			6.154		435		
2	14.743	4.914		.829		19.114	6.371		.844	
	2.477		213			7.244		218		
	2.264		211			7.026		216		SUMMATION OF RUN
	2.053		424			6.810		434		B.M. 45-2 TO B.M. 45-3
3	6.794	2.265		1.253		21.080	7.027		1.278	TOTAL BACKSIGHTS + 18.533
	2.970		178			7.110		171		TOTAL FORESIGHTS − 32.510
	2.792		175			6.939		169		DIFF IN ELEVATION − 13.977
	2.617		353			6.770		340		
4	8.379	2.793		1.606		20.819	6.940		1.618	
	2.322		166			8.079		167		B.M. 45-3
	2.156		166			7.912		164		LARK ELLEN AVE & MERCED AVE.
	1990		3X2 3			7.748		331		SEE F.B. 1367-9
5	6.468	2.156		1.9X8 3		23.739	7.913		1.949	FOR DESCRIPTION
		18.533					32.510			

F.B. 1367 P.G. 45

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 4:00 Rod No 11812

Name L.A.Co. PRECISE LEVEL NET
Job No. 030102
From B.M. 45-3 To B.M. 45-2
Date 2-14-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.050		169		#11	2.293		167		B.M. 45-3
	7.881		165			2.126		167		LARK ELLEN AVE & MERCED AVE
	7.716		334			1.959		334		SEE F.B. 1367-9
1	23.647	7.882		334	65°	6.378	2.126		334	FOR DESCRIPTION
	7.108		172			2.967		177		
	6.936		172			2.790		177		π E. LANDA
	6.764		344			2.613		354		
2	20.808	6.936		678		8.370	2.790		688	
	7.221		218			2.460		210		
	7.003		216			2.250		212		
	6.787		434			2.038		422		SUMMATION OF RUN
3	21.011	7.004		1.112		6.748	2.249		1.110	B.M. 45-3 TO B.M. 45-2
	6.537		218			5.077		211		TOTAL BACKSIGHTS +32.118
	6.319		218			4.866		207		TOTAL BACKSIGHTS -18.157
	6.101		436			4.659		418		DIFF IN ELEVATION +13.961
4	18.957	6.319		1.548		14.602	4.867		1.528	
	4.182		205			6.331		207		B.M. 45-2
	3.977		204			6.124		205		LARK ELLEN AVE & FRANCISQUITO AVE
	3.773		409			5.919		412		SEE F.B. 1367-8
5	11.932	3.977		1.957		18.374	6.125		1.940	FOR DESCRIPTION
		32.118					18.157			

F.B. 1367 PG. 46

76P526 S & E #379 1-54

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Chief of Party: G. E. Dreier Weather: Clear Inst. No.: 50010
Notes by: E. Landa Time: 1:30 To 2:10 Rod No.: 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 45-2 To: B.M. 45-3
Date: 2-18-55
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
	6864		205		#11	4719		204		B.M. 45-2
	6659		202			4515		203		Francisquito Ave & Clark Ellen Ave
	6457		407			4312		407		See F.B. 1367-8
1	19980	6.660		407	67°	13546	4.515		407	For Description
	6136		208			7602		219		
	5928		206			7383		215		
	5722		414			7168		434		G. E. Dreier
2	17786	5.929		821		22153	7.384		841	
	2453		211			7214		217		
	2242		210			6997		218		Summation of Run
	2032		421			6779		435		B.M. 45-2 to B.M. 45-3
3	6727	2.242		1242		20990	6.997		1276	Total Backsights +19.869
	3058		179			7193		170		Total Foresights -33.838
	2879		175			7023		171		Diff in Elevation -13.969
	2704		354			6852		341		
4	8641	2.880		1596		21068	7.023		1617	
	2324		166			8085		166		B.M. 45-3
	2158		167			7919		166		Lark Ellen Ave & Merced Ave
	1991		333			7753		332		See F.B. 1367-9
5	6473	2.158		1929		23757	7.919		1.949	For Description
		19.869					33.838			

F.B. 1367 P.G. 47

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR-HAZY Inst. No. 50010
Notes by E. LANDA Time 3:35 To 4:00 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 45-3 To B.M. 45-2
Date 2-18-55
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
	8079		167		#11	2316		168		B.M. 45-3
	7912		164			2148		168		LARK ELLEN AVE & MERCED AVE
	7748		331			1980		336		SEE F.B. 1367-9
1	23739	7.913		331	65°	6444	2.148		336	FOR DESCRIPTION
	7172		170			3032		175		
	7002		170			2857		178		G.E. DREIER
	6832		340			2679		353		
2	21006	7.002		671		8568	2.856		689	
	7287		220			2522		211		SUMMATION OF RUN
	7067		218			2311		212		B.M. 45-3 TO B.M. 45-2
	6849		438			2099		423		TOTAL BACKSIGHTS = + 33.201
3	21203	7.068		1109		6932	2.311		1112	TOTAL FORESIGHTS = - 19.228
	7122		218			5660		208		DIFF IN ELEVATION = + 13.973
	6904		215			5452		207		
	6689		433			5245		415		
4	20715	6.905		1542		16357	5.452		1527	
	4519		206			6665		205		B.M. 45-2
	4313		205			6460		203		LARK ELLEN AVE & FRANCISQUITO AVE
	4108		411			6257		408		SEE F.B. 1367-8
5	12940	4.313		1953		19382	6.461		1935	FOR DESCRIPTION
		33.201					19.228			

F.B. 1367 P.G. 48

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. Dreier Weather Cloudy Inst. No. 50010
Notes by R Rodriguez Time 10:00 to 12:30 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-2 To B.M. 45-3
Date 3-4-55
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
	6.157		204		#11	4014		205		B.M. 45-2
	5.953		204		59°	3809		204		Francisquito Ave & Clark Ellen Ave
	5.749		408			3605		409		See F.B. 1367-8
1	17.859	5953		408		11428	3809		409	for description
	5.099		209			6557		217		
	4.890		210			6340		217		[illegible]
	4680					6123		434		
2	14669	4890	419	827		19020	6340		843	
	2.512		214			7265		218		
	2298		210			7047		217		SUMMATION OF RUN
	2088		4 x 4			6830		435		B.M. 45-2 TO B.M. 45-3
3	6898	2299	2	5		21142	7047		1278	
	[illegible]		77			[illegible]		1		Total [illegible] = 18.171
	[illegible]		[illegible]			[illegible]		1		Total [illegible] = 32.128
	[illegible]					[illegible]				Diff in Elev. = 13.957
4	8388	2796	1354	605		20821	6940	3	16	
	2401		169			8.159		167		B.M. 45-3
	2232		166			7.992		166		Lark Ellen Ave & [illegible]
	2236		335	4		7.826		333	1952	See F.B. [illegible]
5	6699	2233		1930		23977	7992		~~2152~~	for description
		18171					32128			

F.B. 1367 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 Cloudy Inst. No. [illegible]
Notes by R. Rodriguez Time 10:30 to [illegible] Rod No. 11-12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-2
Date 3-4-55
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
	[illegible]		[illegible]			[illegible]		[illegible]		B.M. 45-3
	8.217		[illegible]			[illegible]		[illegible]		Lark Ellen Ave & Merced Ave
	[illegible]		[illegible]			[illegible]				See F.B. 1362.9
1.	24049	8016	[illegible]	[illegible]		6777	[illegible]	[illegible]	[illegible]	for description
	[illegible]		[illegible]			2984		.177		
	6.952		[illegible]			2808		.177		* F. Landa
	[illegible]		13431			2631		.354		
2	28555	6952		6		[illegible]		[illegible]		
	[illegible]		[illegible]			2511		.211		
	7052		[illegible]			2300		.211		
	4824					[illegible]		4223		SUMMATION of Lev
3	21156	7052		1111		6900		4223	1113	B.M. 45-3 to 45-2
	6621		[illegible]			6160		.209		Total Backsights [illegible]
	6402		.215			[illegible]		.210		Total Foresights [illegible] 16
	6187		1341			[illegible]		419		[illegible] + [illegible] 7
4	12810	6403		1546		14852			1632	
	3984		[illegible]			6132		[illegible]		B.M. 45-2
	3780		[illegible]			[illegible]		[illegible]		Fremont Ave & Lark Ellen
	3576					5723		409		See F.B. 1367.5
5	11340	3780		[illegible]		17784			1941	for description
		32031					18	16		
								6		

F.B. 1367 P.G. 50

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 10:40 Rod No 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 2-15-55
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
	4.410		205		#11	5.023		205		B.M. 45-3
	4.205		203			4.818		205		LARK ELEN AVE & MERCED AVE.
	4.002		408			4.613		410		SEE F.B. 1367-9
1	12.617	4.206		.408	77°	14.454	4.818		.410	FOR DESCRIPTION
	4.710		211			5.124		212		↑ E. LANDA
	4.499		207			4.912		210		
	4.292		418			4.702		422		
2	13.501	4.500		.826		14.738	4.913		.832	
	4.683		212			5.086		207		
	4.471		213			4.879		207		
	4.258		425			4.672		414		
3	13.412	4.471		1.251		14.637	4.879		1.246	
	5.053		204			5.008		209		
	4.849		206			4.799		207		
	4.643		410			4.592		416		
4	14.545	4.848		1.661		14.399	4.800		1.662	
	4.329		209			4.602		204		
	4.120		206			4.398		205		
	3.914		415			4.193		409		
5	12.363	4.121		2.076		13.193	4.398		2.071	
		22.146					23.808			

F.B. 1367 P.G. 57

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 10:40 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 2-15-55
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
	5.126	22.146	205	2.076		4.823	23.808	206	2.071	
	4.921		202			4.617		205		
	4.719		407			4.412		411		
6	14.766	4.922		2.483		13.852	4.617		2.482	
	5.177		206			4.703		205		
	4.971		203			4.498		205		
	4.768		409			4.293		410		
7	14.916	4.972		2.892		13.494	4.498		2.892	
	5.611		207			5.316		207		SUMMATION OF RUN
	5.404		203			5.109		207		B.M. 44-3 TO B.M. 44-4
	5.201		410			4.902		414		TOTAL BACKSIGHTS +46.988
8	16.216	5.405		3.302		15.327	5.109		3.306	TOTAL FORESIGHTS -45.787
	5.387		170			3.784		168		DIFF. IN ELEVATION +1.201
	5.217		169			3.616		167		
	5.048		339			3.449		335		
9	15.652	5.217		3.641		10.849	3.616		3.641	
	4.491		164			4.302		162		B.M. 45-4
	4.327		167			4.140		165		LARK ELLEN AVE & CAMERON AVE
	4.160		331			3.975		327		SEE F.B. 1367-10
10	12.978	4.326		3.972	79°	12.417	4.139		3.968	FOR DESCRIPTION
		46.988					45.787			

F.B. 1367 P.G. 5R

76P526 S & E #379 1-54

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

Name L.A. Co. PRECISE LEVEL NET
Job No 0301.02
From B.M. 45-4 To B.M. 45-3
Date 2-15-55
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
	4.360		162		#11	4.552		168		B.M. 44-4
	4.198		164			4.384		165		LARK ELLEN AVE & CAMERON AVE
	4.034		326			4.219		333		SEE F.B. 1367-10
1	12.592	4.197		.326	79°	13.155	4.385		.333	FOR DESCRIPTION
	3.728		169			5.336		171		
	3.559		168			5.165		168		T E. LANDA
	3.391		337			4.997		339		
2	10.678	3.559		.663		15.498	5.166		.672	
	5.180		206			5.474		205		
	4.974		204			5.269		204		
	4.770		410			5.065		409		
3	14.924	4.975		1.073		15.808	5.269		1.081	
	4.758		207			5.234		204		
	4.551		204			5.030		203		
	4.347		411			4.827		407		
4	13.656	4.552		1.484		15.091	5.030		1.488	
	4.825		207			5.129		205		
	4.618		205			4.924		204		
	4.413		412			4.720		409		
5	13.856	4.619		1.896		14.773	4.924		1.897	
		21.902					24.774			

F.B. 1367 P.G. 53

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 10:40 TO Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-4 To B.M. 45-3
Date 2-15-55
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	21.902	206	1.896		4.540	24.774	207	1.897	
	4.606		205			4.333		205		
	4.401		411			4.128		412		
6	13.819	4.606		2.307		13.001	4.334		2.309	
	5.100		210			5.148		207		
	4.890		208			4.941		204		
	4.682		418			4.737		411		
7	14.672	4.891		2.725		14.826	4.942		2.720	
	5.077		207			4.675		215		
	4.870		207			4.460		213		SUMMATION OF RUN
	4.663		414			4.247		428		B.M. 45-4 TO B.M. 45-3
8	14.610	4.870		3.139		13.382	4.461		3.148	TOTAL BACKSIGHTS + 46.038
	5.159		211			4.743		209		TOTAL FORESIGHTS - 47.252
	4.948		210			4.534		207		DIFF IN ELEVATION - 1.214
	4.738		421			4.327		416		
9	14.845	4.948		3.560		13.604	4.535		3.564	
	5.026		206			4.410		204		B.M. 45-3
	4.820		203			4.206		203		LARK ELLEN AVE & MERCED AVE
	4.617		409			4.003		407		SEE F.B. 1367-9
10	14.463	4.821		3.969		12.619	4.206		3.971	FOR DESCRIPTION
		46.038					47.252			

F.B. 1367 P.G. 54

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 10:55 TO 11:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 45-3 To: B.M. 45-4
Date: 2-18-55
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
	4.480		201		#11	5.094		205		B.M. 45-3
	4.279		204			4.889		202		LARK ELLEN AVE & MERCED AVE
	4.075		405			4.687		407		SEE F.B. 1367-9
1	12.834	4.278		405	64°	14.670	4.890		407	FOR DESCRIPTION
	4.741		209			5.157		211		
	4.532		210			4.946		209		TT E. LANDA
	4.322		419			4.737		420		
2	13.595	4.532		824		14.840	4.947		827	
	4.692		213			5.093		208		
	4.479		214			4.885		205		
	4.265		427			4.680		413		
3	13.436	4.479		1.251		14.658	4.886		1.240	
	5.210		208			5.159		209		
	5.002		205			4.950		207		
	4.797		413			4.743		416		
4	15.009	5.003		1.664		14.852	4.951		1.656	
	4.924		205			5.199		207		
	4.719		206			4.992		203		
	4.513		411			4.789		410		
5	14.156	4.719		2.075		14.980	4.993		2.066	
		23.011					24.667			

F.B. 1367 P.G. 55

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:55 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 2-18-55
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	23.011	201	2.075		4.990	24.667	207	2.066	
	5.089		205			4.783		204		
	4.884		406			4.579		411		
6	15.263	5.088		2.481		14.352	4.784		2.477	
	5.322		203			4.850		207		
	5.119		202			4.643		204		
	4.917		405			4.439		411		
7	15.358	5.119		2.886		13.932	4.644		2.888	
	5.651		207			5.358		207		SUMMATION OF RUN
	5.444		204			5.151		204		B.M. 45-3 TO B.M. 45-4
	5.240		411			4.947		411		TOTAL BACKSIGHTS +49.720
8	16.335	5.445		3.297		15.456	5.152		3.299	TOTAL FORESIGHTS -48.514
	6.116		169			4.511		168		DIFF IN ELEVATION + 1.206
	5.947		170			4.343		166		
	5.777		339			4.177		334		
9	17.840	5.947		3.636		13.031	4.344		3.633	
	5.277		167			5.089		167		B.M. 45-4
	5.110		167			4.922		163		LARK ELLEN AVE & CAMERON AVE.
	4.943		334			4.759		330		SEE F.B. 1367-10
10	15.330	5.110		3.970		14.770	4.923		3.963	FOR DESCRIPTION
	49.720					48.514				

F.B. 1367 P.G. 56

76P526 S & E #379 1-54

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Chief of Party: R. E. DREIER Weather: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 10:00 TO 10:45 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 45-4 To: B.M. 45-3
Date: 2-18-55
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
	5.148		166		#11	5.335		166		B.M. 45-4
	4.982		163			5.169		168		LARK ELLEN AVE & CAMERON AVE
	4.819		329			5.001		334		SEE F.B. 1367-10
1	14.949	4.983		.329	63°	15.505	5.168		.334	FOR DESCRIPTION
	4.635		169			6.239		169		
	4.466		167			6.070		170		T. E. LANDA
	4.299		336			5.900		339		
2	13.400	4.467		.665		18.209	6.070		.673	
	5.296		205			5.591		203		
	5.091		206			5.388		205		
	4.885		411			5.183		408		
3	15.272	5.091		1.076		16.162	5.387		1.081	
	4.758		207			5.232		202		
	4.551		203			5.030		205		
	4.348		410			4.825		407		
4	13.657	4.552		1.486		15.087	5.029		1.488	
	4.930		207			5.236		206		
	4.723		204			5.030		202		
	4.519		411			4.828		408		
5	14.172	4.724		1.897		15.094	5.031		1.896	
		23.817					26.685			

F.B. 1367 P.G. 57

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-4 To B.M. 45-3
Date 2-18-55
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
	5.252	23.817'	203	1.897'		4.981	26.685'	207	1.896'	
	5.049		207			4.774		205		
	4.842		410'			4.569		412'		
6	15.143	5.048'		2.307		14.324	4.775'		2.308	
	5.227		208			5.280		207		
	5.019		209			5.073		203		
	4.810		417'			4.870		410'		
7	15.056	5.019'		2.724		15.223	5.074'		2.718	
	5.750		210			5.349		213		SUMMATION OF RUN
	5.540		208			5.136		215		B.M. 45-4 TO B.M. 45-3
	5.332		418'			4.921		428'		TOTAL BACKSIGHTS +49.202'
8	16.622	5.541'		3.142		15.406	5.135'		3.146	TOTAL FORESIGHTS -50.425'
	5.152		210			4.740		208		DIFF IN ELEVATION -1.223'
	4.942		211			4.532		208		
	4.731		421'			4.324		416		
9	14.825	4.942'		3.563		13.596	4.532		3.562	
	5.040	4.367'	206			4.428		205		B.M. 45-3
	4.834		203			4.223		202		LARKELLEN AVE & MERCED AVE
	4.631		409'			4.021		407'		SEE F.B. 1367-9
10	14.505	4.835'		3.972		12.672	4.224'		3.969	FOR DESCRIPTION
		49.202'					50.425'			

F.B. 1367 PG. 58

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 Windy Inst. No. 50010
Notes by L. A. CO. PRECISE LEVEL NET Time 2:10 To 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 2-18-55
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
	4551		203		#11	5163		205		B.M. 45-3
	4348		201			4958		206		Lark Ellen Ave & Merced Ave
	4147		404			4752		411		See F.B. 1367-9
1	13046	4.349		404	67°	14873	4.958		411	for description
	4806		208			5222		211		
	4598		208			5011		212		⊼ G. E. Dreier
	4390		416			4799		423		
2	13794	4.598		820		15032	5.011		834	
	4813		212			5216		207		
	4601		211			5009		203		
	4390		423			4806		410		
3	13804	4.601		1243		15031	5.010		1244	
	5203		205			5154		207		
	4998		205			4947		205		
	4793		410			4742		412		
4	14994	4.998		1653		14843	4.948		1656	
	4970		205			5243		206		
	4765		204			5037		205		
	4561		409			4832		411		
5	14296	4.765		2062		15112	5.037		2067	
		23.311					24.964			

F.B. 1367 P.G. 59

76P526 S & E #379 1-54

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Chief of Party G.E. Dreier Weather Windy Inst. No. 50010
Notes by E. Landa Time 2:10 To 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISION LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 2-18-55
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
	5316	23.311	204	2062		5011	24.964	203	2067	
	5112		203			4808		204		
	4909		407			4604		407		
6	15337	5.112		2469		14423	4.808		2474	
	5303		203			4830		205		
	5100		203			4625		205		
	4897		406			4420		410		
7	15300	5.100		2875		13875	4.625		2884	
	5824		205			5532		205		
	5619		202			5327		205		Summation of Run
	5417		407			5122		410		B.M. 45-3 To B.M. 45-4
8	16860	5.620		3282		15981	5.327		3294	
	6126		171			4522		170		Total Backsights = +50.546
	5955		167			4352		166		Total Foresights = -49.339
	5788		338			4186		336		Diff. in Elev = +1.207
9	17869	5.956		3620		13060	4.353		3630	
F.B. 1367 P.G. 60	5611		164			5427		166		B.M. 45-4
	5447		165			5261		164		Lark Ellen & Cameron Ave.
	5282		329			5097		330		See F.B. 1367-10
10	16340	5.447		3949	65°	15785	5.262		3960	for description
		50.546					49.339			

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 E. Landa Time 3:00 To 3:50 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-4 To B.M. 45-3
Date 2-18-55
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
	5433		164		#11	5619		165		B.M. 45-4
	5269		165			5454		163		Lark Ellen Av & Cameron Ave
	5104		329			5291		328		See F.B. 1367-10
1	15806	5.269		329	65°	16364	5.455		328	for description
	4698		169			6302		170		
	4529		168			6132		168		← G.E. Dreier
	4361		337			5964		338		
2	13588	4.529		666		18398	6.133		666	
	5498		205			5792		204		
	5293		204			5588		205		
	5089		409			5383		409		
3	15880	5.293		1075		16763	5.588		1075	
	4886		206			5361		204		
	4680		203			5157		204		
	4477		409			4953		408		
4	14043	4.681		1484		15471	5.157		1483	
	4951		204			5255		204		
	4747		204			5061		202		
	4543		408			4849		406		
5	14241	4.747		1892		15155	5.052		1889	
		24.519					27.385			

F.B. 1367 P.G. 61

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Windy Inst. No. 50010
Notes by E. Lenda Time 3:00 To 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISION LEVEL NET
Job No. 0301.02
From B.M. 45-4 To B.M. 45-3
Date 2-18-55
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
	5159	24.519	204	1892		4889	24.385	208	1889	
	4955		204			4681		204		
	4751		408			4477		412		
6	14865	4.955		2300		14047	4.682		2301	
	5193		206			5242		205		
	4987		208			5037		206		
	4779		414			4831		411		
7	14959	4.986		2714		15110	5.037		2712	
	5179		207			4779		213		
	4972		204			4566		213		Summation of Run
	4768		411			4353		426		B.M. 45-4 To B.M. 45-3
8	14919	4.973		3125		13698	4.566		3138	
	5182		211			4768		209		Total Backsights = + 49.305
	4971		210			4559		208		Total Foresights = − 50.524
	4761		421			4351		417		Diff. in Elev. = − 1.219
9	14914	4.971		3546		13678	4.559		3555	
	5105		205			4498		203		B.M. 45-3
	4900		203			4295		204		Lark Ellen Ave & Merced Ave
	4697		408			4091		407		See F.B. 1367-9
10	14702	4.901		3954		12884	4.295		3962	for description
		49.305					50.524			

F.B. 1367 P.G. 62

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-3 To B.M. 45-4
Date 3-4-55
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
						90		8		B.M. 45-3
						82				Lark Ellen Ave & Merced Ave
	4					7	4	1		See F.B. 1367.9
1	28	4272				4051	1			for description
	4775		211			[illegible]		[illegible]		
	[illegible]		207			4815		[illegible]		[illegible]
	4357		418			4764		[illegible]		
2	1369	4565		822		14926	4975		833	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			4742		[illegible]		
3	1609	[illegible]	[illegible]	[illegible]		14839	4946		[illegible]	
	[illegible]		[illegible]			[illegible]		210		
						0		206		
4	14323					14164	4721		[illegible]	
	[illegible]		[illegible]			[illegible]				
	[illegible]		[illegible]			[illegible]		206		
	[illegible]		2			4492				
5				2072		11093	3698	411	2073	
		21571					23228			
							4			

F.B. 1367 P.G. 63

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. [illegible]
From B.M. 45-3 To B.M. 45-4
Date 3-4-55
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
	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]									
6	14305	[illegible]	[illegible]	[illegible]		133[illegible]	[illegible]	[illegible]	[illegible]	
	5.096		205			[illegible]		[illegible]		
	4851		203			4374		[illegible]		
	[illegible]					[illegible]				
7	14555	4855	408	2886		3123	[illegible]	411	2896	
	5.612		206			[illegible]		207		
	5.406		[illegible]			5.110		204		Summary of [illegible]
	5.201		411			[illegible]		411		B.M. 45-3 to B.M. 45-4
8	16219	[illegible]	[illegible]	3297		15333	[illegible]	[illegible]	3307	
	5.311		170			[illegible]		178		Total Backsights = 45.193
	5.201		164			2595		168		Total Foresights = 44.975
	5.032		339			2420		340		Diff. in Elev. = + 1.218
9	16604	[illegible]		3636		15798	[illegible]		3647	
	4.961		165			[illegible]				B.M. 45-4
	4.396		166			[illegible]		164		Lark Ellen Ave & Cameron Ave
10	4.230		[illegible]			[illegible]				See F.B. 1367-10
	13187	4396	[illegible]	3957		12627	[illegible]	[illegible]	3972	for description
		46193					45975			

F.B. 1367 P.G. 64

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather Clear Inst. No. 50010
Notes by E. Landa Time 11:40 To 2:10 Rod No. 11 E 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-4 To B.M. 45-5
Date 2-15-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5571		204		#11	4947		204		B.M. 45-4
	5367		204			4743		202		LARK ELLEN AVE & CAMERON AVE
	5163		208			4541		406		SEE F.B. 1367-10
1	16101	5.367		208	78°	14231	4.7441		406	FOR DESCRIPTION
	6198		207			4142		205		
	5991		207			3937		205		T G.E. DREIER
	5784		414			3732		410		
2	17973	5.991		822		11811	3.937		816	
	5808		207			6187		204		
	5601		204			5983		204		
	5397		411			5779		408		
3	16806	5.602		1233		17949	5.983		1224	
	5002		212			4368		205		
	4795		211			4163		204		
	4584		423			3959		409		
4	14386	4.795		1.656		12490	4.163		1633	
	6336		207			5079		207		
	6129		209			4872		205		
	5920		416			4667		412		
5	18385	6.128		2072		14618	4.873		2045	
		27.883					23.700			

F.B. 1367 P.G. 65

76P526 S & E #379 1-54

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Chief of Party: G.E. Dreier Weather: Clear Inst. No. 50010
Notes by: E. Lemon Time: 11:40 To 2:10 Rod No. 11612

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: B.M. 45-4 To: B.M. 45-5
Date: 2-15-55
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
	7769	7.883	208	2072		4489	5.700	211	2045	
	7561		205			4278		210		
	7356		413			4068		421		
6	22686	7.562		2485		12835	4.278		2466	
	3162		203			6118		205		
	2959		201			5913		202		
	2758		404			5711		407		
7	8879	2.960		2889		17742	5.914		2873	
	5782		207			5124		205		
	5575		205			4919		202		Summation of Run
	5370		412			4717		407		B.M. 45-4 To B.M. 45-5
8	17327	5.776		3301		14760	4.920		3280	
	5763		126			5219		128		Total Backsights = + 55.490
	5637		126			5091		126		Total Foresights = − 49.468
	5511		252			4965		254		Diff. in Elev. = + 6.022
9	16911	5.637		3553		15275	5.092		3534	
	5828		156			5717		151		B.M. 45-5
	5672		155			5566		153		Lark Ellen Ave & Stewart Ave
	5517		311			5413		304		See F.B. 1367-11
10	17017	5.672		3864		16696	5.565		3838	for description
		55.490					49.468			

F.B. 1367 P.G. 66

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76P526 S & E #379 1-54

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Chief of Party G.E. Dreier Weather Hazy Inst. No. 50010
Notes by E. Landa Time 2:15 To 3:00 Rod No. 11 & 12

Name
Job No. 0301.02
From B.M. 45-5 To B.M. 45-4
Date 2-15-55
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
	5706		152		#11	5818		157		B.M. 45-5
	5554		151			5661		155		Lark Ellen Ave & Stewart Ave
	5403		303			5506		312		See F.B. 1367-11
1	16663	5.554		303	74°	16985	5.662		312	for description
	5226		127			5771		128		
	5099		126			5643		126		G.E. Dreier
	4973		253			5517		254		
2	15298	5.099		556		16931	5.644		566	
	5150		203			6005		206		
	4947		205			5799		206		
	4742		408			5593		412		
3	14839	4.946		964		17397	5.799		978	
	6147		203			3196		204		
	5944		202			2992		204		
	5742		405			2788		408		
4	17833	5.944		1369		8976	2.992		1386	
	4510		212			7784		206		
	4298		210			7578		206		
	4088		422			7372		412		
5	12896	4.299		1791		22734	7.578		1798	
		25.842					27.675			

F.B. 1367 P.G. 67

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Chief of Party: G.E. Dreier Weather: Hazy Inst. No. 50010
Notes by: E. Lenda Time: 2:10 To 3:00 Rod No. 11612

Name:
Job No. 0301.02
From B.M. 45-5 To B.M. 45-4
Date 2-15-55
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
	5114	25.842	205	1791		6370	27.675	209	1798	
	4909		207			6161		206		
	4702		412			5955		415		
6	14725	4.908		2203		18486	6.162		2213	
	4325		206			4958		207		
	4119		206			4751		211		
	3913		412			4540		418		
7	12357	4.119		2615		14249	4.750		2631	
	6059		216			5667		204		
	5843		214			5463		202		Summation of Run
	5629		430			5261		406		B.M. 45-5 To B.M. 45-4
8	17531	5.844		3045		16391	5.464		3037	
	4137		206			6195		207		Total Backsights = +49.405
	3931		202			5988		208		Total Foresights = -55.421
	3729		408			5780		415		Diff. in Elev. = -6.016
9	11797	3.932		3453		17963	5.988		3452	
	4963		202			5586		204		B.M. 45-4
	4761		206			5382		203		Lark Ellen Ave & Cameron Ave
	4555		408			5179		407		See F.B. 1367-10
10	14279	4.760		3861		16147	5.382		3859	for description
		49.405					55.421			

F.B. 1367 P.G. 68

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 3:15 TO 4:00 Rod No 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 45-5 To B.M. 45-6
Date 2-15-55
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
	6.310		198			4.807		214		B.M. 45-5
	6.112		196			4.593		212		LARK ELLEN AVE & STAURT AVE.
	5.916		394			4.381		426		SEE F.B. 1367-11
1	18.338	6.113		.394		13.781	4.594		.426	FOR DESCRIPTION
	5.931		204			4.873		208		
	5.727		203			4.665		207		
	5.520		407			4.458		415		T E. LANDA
2	17.182	5.727		.801		13.996	4.665		.841	
	5.188		211			4.637		206		
	4.977		210			4.431		206		
	4.767		421			4.225		412		
3	14.932	4.977		1.222		13.293	4.431		1.253	
	6.763		211			4.302		218		
	6.552		212			4.084		215		
	6.340		423			3.869		433		
4	19.655	6.552		1.645		12.255	4.085		1.686	
	6.171		214			3.820		208		
	5.957		211			3.612		205		
	5.746		425			3.407		413		
5	17.874	5.958		2.070		10.839	3.613		2.099	
		29.327					21.388			

F.B. 1367 P.G. 29

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 3:15 TO 4:00 Rod No 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-5 To B.M. 45-6
Date 2-15-55
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
	6.180	29.327	204	2.070		4.145	21.388	212	2.099	
	5.976		203			3.933		211		
	5.773		407			3.722		423		
6	17.929	5.976		2.477		11.800	3.933		2.522	
	5.206		221			4.322		214		
	4.985		220			4.108		215		SUMMATION OF RUN
	4.765		441			3.893		429		B.M. 45-5 TO B.M. 45-6
7	14.956	4.985		2.918		12.323	4.108		2.951	TOTAL BACKSIGHTS = + 58.021
	6.108		210			4.546		215		TOTAL FORESIGHTS = − 43.862
	5.898		208			4.331		212		DIFF IN ELEVATION = + 14.159
	5.690		418			4.119		427		
8	17.696	5.899		3.336		12.996	4.332		3.378	
	5.863		109			4.823		106		
	5.754		110			4.717		106		
	5.644		219			4.611		212		
9	17.261	5.754		3.555		14.151	4.717		3.590	
	6.232		153			5.530		147		B.M. 45-6
	6.079		150			5.383		144		LARKELLEN AVE & WORKMAN AVE.
	5.929		303			5.239		291		SEE F.B. 1367-12
10	18.240	6.080		3.858		16.152	5.384		3.881	FOR DESCRIPTION
		58.021					43.862			

F.B. 1367 PG. 70

76P526 S & E #379 1-54

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Chief of Party G. E. Dreier Weather Cloudy Inst. No. 50010
Notes by M. Sonnenschein Time 10:45 To 11:30 Rod No. 11 & 12

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 45-6 To 45-5
Date Feb. 16, 1955
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
1	5484		152		11	6173		145		B.M. 45-6
	5332		151			6028		144		Lark Ellen Ave & Workman Ave
	5181				T:64	5882		6	291	See F.B. 1367-12
	15997'	5.332'	303'	303'		18083'	6.028'	~~289~~ 291	~~289~~	for description
2	4832		103			5878		114		
	4729		106			5764		111		⊼ E. Lands
	4623					5653			6	
	14184'	4.728'	209'	512'		17295'	5.765'	225'	514	
3	4594		214			6157		211		
	4380		210			5946		209		
	4170					5737			6	
	13144'	4.381'	424'	936'		17840'	5.947'	420'	934	
4	4954		217			5831		217		
	4737		217			5614		215		
	4520					5399			8	
	18211	4.737'	434'	1370'		16844'	5.615'	432'	1366	
5	4 3983		210			6019		206		
	3773		210			5813		202		
	3563		420'			5611			6	
	11319'	3.773'		1790'		17443'	5.814'	408'	1774	
	22951'					29169'				

F.B. 1367 P.G. 71

76P526 S & E #379 1-54

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Chief of Party: G. E. Dreier Weather: Cloudy Inst. No. 500 10
Notes by: M. Sonnenschein Time: 10:45 To 11:30 Rod No. 11 & 12

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 45-6 To: B.M. 45-5
Date: 2-16-54
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	3920	22.951	206	1790		6274	29.169	213	1774	
	3714		205			6061		210		
	3509					5851				
	11143	3.714	411	2201		18186	6.062	423	2198	
7	4270		212			6740		218		
	4058		213			6522		215		
	3845					6307				
	12173	4.058	425	2626		19569	6.523	433	2620	
8	4649		208			5201		211		Summation of Run
	4441		204			4990		210		B.M. 45-6 To B.M. 45-5
	4237					4780		421		
	13327	4.442	412	3038		14971	4.990		3047	
F.B. 1367 P.G. 72 — 9	4898		208			5957		206		Total Backsights = + 44.510
	4690		206			5751		203		Total Foresights = − 58.667
	4484					5548				Diff in Elev = − 14.157
	14072	4.691	414	3442		17256	5.752	409	3456	
F.B. 1367 P.G. 72 — 10	4867		214		T=70	6370		199		B.M. 45-5
	4653		212			6171		198		Lark Ellen Ave & Stewart Ave.
	4441		426			5973				See F.B. 1367-11
	13961	4.654		3868		18514	6.171	397	3849	for description
		44.510					58.667			

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather DRIZZLE Inst. No. [illegible]
Notes by [illegible] Time [illegible] 11:10 Rod No. [illegible]

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-6 To B.M. 45-8
Date 2-17-55
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	5.634 5.430 5.228 16.292	5.431	204 202 406	.406	#11 69°	4.416 4.210 4.004 12.630	4.210	206 206 412	.412	B.M. 45-6 LARKELLEN AVE & [illegible] AVE SEE F.B. 1367-12 FOR DESCRIPTION
2	[illegible] 4.071 4.869 15.215	5.072	204 [illegible] 406	.812		4.342 4.136 3.931 12.409	4.136	206 205 411	.823	E. LANDA
3	5.369 5.163 4.959 15.491	5.164	206 204 410	1.222		4.207 3.995 3.786 11.988	3.996	212 209 421	1.244	
4	5.434 5.229 5.022 15.685	5.228	205 207 412	1.634		4.256 4.049 3.840 12.145	4.048	207 209 416	1.660	
5	5.268 5.119 4.972 [illegible]	[illegible] 5.120	149 147 296	1.930		4.321 4.172 4.022 12.515	[illegible] 4.172	149 150 299	1.959	B.M. 45-7 LARKELLEN AVE & ROWLAN SEE F.B. 1367-13 FOR DESCRIPTION
		26.015					20.562			

F.B. 1367 P.G. 73

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO [illegible] Rod No. 11 & 12

Name L.A. Co. [illegible]
Job No. [illegible]
From B.M. 45-6 To [illegible]
Date 2-17-55
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
	5.5[illegible]	26.015	212	1.930		4.098	[illegible]	208	1.954	+ 26.015
	5.182		211			3.890		208		26.[illegible]
	4.971		423			3.682		416		+ 5.25[illegible]
6	15.547	5.152		2.353		11.670	5.590		2.375	
	5.731		214			4.639		218		
	5.517		217			3.82[illegible]		211		
	5.300		431			3.6[illegible]		429		
7	16.548	5.516		2.784		11.470	3.[illegible]23		2.804	
	6.500		211			4.362		212		SUMMATION OF RUN
	6.289		213			4.150		213		TOTAL BACKSIGHTS + 54.350
	6.076		424			3.937		425		TOTAL FORESIGHTS − 40.907
8	18.865	6.288		3.208		12.449	4.150		3.229	DIFF. B.M. 45-6 TO 45-8 + 13.442
	6.212		204			4.142		205		" " 45-6 TO 45-7 + 5.453
	6.008		205			3.937		206		" " 45-7 TO 45-8 + 7.990
	5.803		409			3.731		411		
9	18.023	6.008		3.617		11.810	3.937		3.640	
	5.473	[illegible]	133			4.670	[illegible]	125		B.M. 45-8
	5.340		131			4.545		125		LARK ELLEN AVE & PUENTE AVE
	5.209		264			4.420		250		SEE F.B. 1367-14
10	16.022	5.341		3.881		13.635	4.545		3.890	FOR DESCRIPTION
		54.350					40.907			

F.B. 1367 P.G. 74

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 11:25 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVELING
Job No 2301.02
From B.M. 45-8 To B.M. 45-6
Date 2-17-55
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
	4.622 4.491 4.362		131 129		# 11	5.417 5.289 5.161		128 128		B.M. 45-8 LARK ELLEN AVE & RUENTE AVE. SEE F.B. 1367-14 FOR DESCRIPTION
1	13.475	4.492	260	260	68°	15.867	5.289	256	256	
	4.020 3.815 3.610		205 205			6.092 5.888 5.683		204 205		T E. LANDA
2	11.445	3.815	410	670		17.663	5.888	409	665	
	4.421 4.209 3.995		212 214			6.560 6.347 6.134		213 213		
3	12.625	4.208	426	1.096		19.041	6.347	426	1.091	
	4.051 3.835 3.619		216 216			5.743 5.527 5.312		216 215		
4	11.505	3.835	432	1.528		16.582	5.527	431	1.522	
	4.022 3.811 3.600		211 212			5.510 5.103 4.893		207 204		B.M. 45-7 LARK ELLEN AVE & ROWLAND AVE SEE F.B. 1367-13 FOR DESCRIPTION
5	11.433	3.811	423	1.951		15.312	5.104	411	1.933	
	20.16					28.155				

F.B. 1367 P.G. 75

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO [illegible] Rod No. 11 & 12

Name L.A. Co PRECISE LEVELING
Job No. 0201.02
From BM 45-8 To BM 45-6
Date 2-17-55
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
	4.225	20.161	146	[illegible]		5.179	[illegible]	151	1.933	[illegible]
	4.079		145			5.028		153		[illegible]
	3.934		291			4.875		304		[illegible]
6	12.238	4.079		2.242		15.082	[illegible]		2.837	
	4.269		210			5.448		209		
	4.059		206			5.239		206		
	3.853		416			5.033		415		
7	12.181	4.060		2.658		15.720	5.240		2.552	SUMMARIZATION OF RUN
	4.239		211			5.400		203		TOTAL BACKSIGHTS + 40.619
	4.028		210			5.197		205		TOTAL FORESIGHTS - 54.069
	3.818		421			4.992		408		DIFF. BM 45-8 TO 45-6 - 13.450
8	12.085	4.028		3.079		15.589	[illegible]		3.060	" " 45-8 TO 45-7 - 7.994
	4.351		208			5.281		202		" " 45-7 TO 45-6 - 5.456
	4.143		205			5.079		201		
	3.938		413			4.878		403		
9	12.432	4.144		3.492		15.238	5.079		3.463	
	4.353	[illegible]	205			5.576		205		BM 45-6
	4.148		207			5.371		202		LARKELLEN AVE & WORKMAN AVE.
	3.941		412			5.169		407		SEE F.B. 1367-12
10	12.442	4.147		3.904		16.116	5.372		3.870	FOR DESCRIPTION
		40.619					54.069			

F.B. 1367 P.G. 76

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:15 Rod No 11 & 12

Name L.A. Co. PRECISE
Job No. 0301.02
From B.M. 45-8 To B.M. 45-9
Date 2-17-55
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
	6.431		135			4.370		136		B.M. 45-8
	6.296		137			4.234		134		LARK ELLEN AVE & PUENTE AVE
	6.159		272			4.100		270		SEE F.B. 1367-14
1	18.886	6.295		272		12.704	4.235		270	FOR DESCRIPTION
	5.664		134			4.448		138		
	5.530		137			4.310		139		↑ E. LANDA
	5.393		271			4.171		277		
2	16.587	5.529		543		12.929	4.310		547	
	6.017		206			4.578		205		
	5.811		202			4.373		202		
	5.609		408			4.171		407		
3	17.437	5.812		951		13.122	4.374		954	
	5.660		203			4.087		208		
	5.457		204			3.879		207		
	5.253		407			3.672		415		
4	16.370	5.457		1358		11.638	3.879		1369	
	5.430	23.097	207			3.119	16.744	205		
	5.223		203			2.914		203		
	5.020		410			2.711		408		
5	15.673	5.224		1.768		8.744	2.915		1.777	
		28.317					19.713			

F.B. 1367 P.G. 77

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 3:15 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-8 To B.M. 45-9
Date 2-17-55
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
	7.457	28.317	207	1.768		6.120	19.713	204	1.777	
	7.250		205			5.916		204		
	7.045		412			5.712		408		
6	21.752	7.251		2.180		17.748	5.916		2.185	
	6.031		208			4.368		208		
	5.823		204			4.160		204		
	5.619		412			3.956		412		
7	17.473	5.824		2.592		12.484	4.161		2.597	
	5.767		206			5.489		200		B.M. 45-9
	5.561		202			5.289		200		LARK ELLEN AVE & SAN BERNARDINO RD.
	5.359		408			5.089		400		SEE F.B. 1367-15
8	16.687	5.562		3.000		15.867	5.289		2.997	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 45-8 TO B.M. 45-9
										TOTAL BACKSIGHTS +46.954
										TOTAL FORESIGHTS -35.079
										DIFF. IN ELEVATION +11.875
		46.954					35.079			

F.B. 1367 P.G. 78

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 2:00 TO Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-9 To B.M. 45-8
Date 2-17-55
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
	5.297		203			5.672		200		B.M. 45-9 RD
	5.194		200			5.470		205		LARK ELLEN AVE & SA BERNARDINO
	4.994		403			5.265		408		SEE F.B. 1367-15
1	15.585	5.195		.403		16.408	5.469		.408	FOR DESCRIPTION
	4.587		207			6.252		209		↑ E. LANDA
	4.380		203			6.043		206		
	4.177		410			5.837		415		
2	13.144	4.381		.813		18.132	6.044		.823	
	6.115		205			7.451		208		
	5.910		204			7.243		204		
	5.706		409			7.039		412		
3	17.731	5.910		1.222		21.733	7.244		1.235	
	3.166		205			5.477		205		
	2.961		203			5.272		201		
	2.758		408			5.071		406		
4	8.885	2.962		1.630		15.820	5.273		1.641	
	4.123	13.405	207			5.699	24.039	205		
	3.916		206			5.494		203		
	3.710		413			5.291		408		
5	11.749	3.916		2.043		16.484	5.495		2.049	
	22.364					29.525				

F.B. 1367 P.G. 76

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 OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 2:00 TO 2:40 Rod No 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-9 To B.M. 45-8
Date 2-17-55
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
	4.570	22.364	206	2.043		6.008	29.525	206	2.049	
	4.364		203			5.802		203		
	4.161		409			5.599		409		
6	13.095	4.365		2.452		17.409	5.803		2.458	
	4.669		139			5.887		136		
	4.530		137			5.751		135		
	4.393		276			5.616		271		
7	13.592	4.531		2.728		17.254	5.751		2.729	
	4.339		134			6.403		135		B.M. 45-8
	4.205		133			6.268		137		LARK ELLEN AVE & PUENTE AVE
	4.072		267			6.131		272		SEE F.B. 1367-14
8	12.616	4.205		2.995		18.802	6.267		3.001	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 45-9 TO B.M. 45-8
										TOTAL BACKSIGHTS +35.465
										TOTAL FORESIGHTS -47.346
										DIFF IN ELEVATION -11.881
			35.465					47.346		

F.B. 1367 P.G. 80

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 DRIZZLE OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 3:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-9 To B.M. 39-2
Date 2-17-55
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
	5.057		201		#11	6.397		205		B.M. 45-9
	4.856		198			6.192		202		LARK ELLEN AVE. & SAN BERNARDINO RD.
	4.658		399			5.990		407		SEE F.B. 1367-15
1	14.571	4.857		399	66°	18.579	6.193		407	FOR DESCRIPTION
	5.199		206			6.278		206		
	4.993		203			6.072		205		
	4.790		409			5.867		411		⊼ E. LANDA
2	14.982	4.994		808		18.217	6.072		818	
	4.606		207			6.119		204		
	4.399		204			5.915		204		
	4.195		411			5.711		408		
3	13.200	4.400		1.219		17.745	5.915		1.226	
	6.765		206			2.822		205		
	6.559		206			2.617		205		
	6.353		412			2.412		410		
4	19.677	6.559		1.631		7.851	2.617		1636	
	8.379		206			3.918		208		
	8.173		204			3.710		209		
	7.969		410			3.501		417		
5	24.521	8.174		2.041		11.129	3.710		2.053	
		28.984					24.507			

F.B. 1367 P.G. 81

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER
Notes by: G. E. DREIER
Weather: RAINING
Time: 3:15 TO 3:55
Inst. No. 50010
Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 45-9 To: B.M. 39-2
Date: 2-17-55
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
	3.840	28.984	206	2.041		4.456	4.507	205	2.053	
	3.634		205			4.251		201		
	3.429		411			4.050		406		
6	10.903	3.634		2.452		12.757	4.252		2.459	
	6.802		205			5.123		205		
	6.597		206			4.918		206		
	6.391		411			4.712		411		
7	19.790	6.597		2.863		14.753	4.918		2.870	
	3.474		224			0.631		216		SUMMATION OF RUN
	3.250		225			0.415		215		B.M. 45-9 TO B.M. 39-
	3.025		449			0.200		431		TOTAL BACKSIGHTS + 53.850
8	9.749	3.250		3.312		1.246	0.415		3.301	TOTAL FORESIGHTS - 42.355
	5.809		128			5.073		135		DIFF IN ELEVATION + 11.495
	5.681		124			4.938		137		
	5.557		252			4.801		272		
9	17.047	5.682		3.564		14.812	4.937		3.573	
	5.908		206			3.530		204		B.M. 39-2
	5.702		203			3.326		205		CYPRESS AVE & LARK ELLEN AVE
	5.499		409			3.121		409		SEE F.B. 1360-8
10	17.109	5.703		3.973		9.977	3.326		3.982	FOR DESCRIPTION
	53.850					42.355				

F.B. 1367 P.G. 82

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather CLEAR Inst. No. 50010
Notes by C. E. DREIER Time 8:25 TO 9:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 39-2 To B.M. 45-9
Date 2-18-55
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
	3.556		205		#11	5.936		206		B.M. 39-2
	3.351		203			5.730		204		LARK ELLEN AVE & CYPRESS AVE
	3.148		408			5.526		410		SEE F.B. 1360-8
1	10.055	3.352		.408	.560	17.192	5.731		.410	FOR DESCRIPTION
	4.911		131			5.652		130		
	4.780		130			5.522		127		
	4.650		261			5.395		259		⊼ E. LANDA
2	14.341	4.780		.669		16.567	5.522		.669	
	0.638		215			3.485		228		
	0.423		212			3.257		225		
	0.211		427			3.032		453		
3	1.272	0.424		1.096		9.774	3.258		1.122	
	5.158		207			6.833		205		
	4.951		204			6.628		206		
	4.747		411			6.422		411		
4	14.856	4.952		1.507		19.883	6.628		1.533	
	4.571	13.508	206			3.955	21.139	205		
	4.365		204			3.750		206		
	4.161		410			3.544		411		
5	13.097	4.366		1.917		11.249	3.750		1.944	
		17.874					24.889			

F.B. 1367 P.G. 93

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 8:25 TO 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 39-2 To B.M. 45-9
Date 2-18-55
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
	3.912	17.874	205	1.917		8.377	24.889	206	1.944	
	3.707		207			8.171		202		
	3.500		412			7.969		408		
6	11.119	3.706		2.329		24.517	8.172		2.352	
	2.620		207			6.562		205		
	2.413		203			6.357		206		
	2.210		410			6.151		411		
7	7.243	2.414		2.739		19.070	6.357		2.763	
	6.070		207			4.552		205		SUMMATION OF RUN
	5.863		204			4.347		206		B.M. 39- TO B.M. 45-9
	5.659		411			4.141		411		TOTAL BACKSIGHTS +41.971
8	17.592	5.864		3.150		13.040	4.347		3.174	TOTAL FORESIGHTS -53.464
	6.180		212			5.090		197		DIFF. IN ELEVATION -11.493
	5.968		213			4.891		198		
	5.755		425			4.693		397		
9	17.903	5.968		3.575		14.674	4.891		3.571	
	6.351		207			5.006		198		B.M. 45-9
	6.144		204			4.808		198		LAKE ELLEN AVE & SAN BERNARDINO RD.
	5.940		411			4.610		396		SEE F.B. 1367-15
10	18.435	6.145		3.986		14.424	4.808		3.967	FOR DESCRIPTION
		41.971					53.464			

F.B. 1367 P.G. 84

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 Partly Cloudy Inst. No. 50010
Notes by M. Sorensen Time 10:15 to 11:00 Rod No. 11 B 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From BM 39-2 To B.M. 39-1
Date Feb. 24, 1955
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
	3657		223		#11	6469		216		B.M. 39-2
	3.434		222			6253		215		Cypress Ave & Lank Ellen Ave
1	3212				T=61°	6038				See F.B. 1360-8
	10303	3.434	445	445		18760	6.253	431	431	
	3.407		213			6452		210		
	3.194		212			6242		206		T E. Lander
2	2982					6036				
	9583	3.194	425	870		18730	6.243	416	847	
	3847		210			6655		223		
	3637		210			6432		222		
3	3427					6210				
	10911	3.637	420	1290		19297	6.432	445	1292	
	3382		215			6460		218		
	3.167		215			6.242		216		
4	2952					6026				
	9501	3.167	430	1720		18728	6.243	434	1725	
	3954		217			6611		218		
	3.737		218			6393		215		
5	3519					6178				
	11210	3.737	435	2155		19182	6.394	433	2158	
		17.169					31.565			

F.B. 1367 P.G. 85

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather Part Cloudy Inst. No. 50010
Notes by M. SANNENSCHEIN Time 10:15 To 11:00 Rod No. 113-2

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 39-2 To BM 39-1
Date Feb 24, 1955
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
6	3.312	17.169	219	2155		6079	31.565	225	2158	
	3.093		217			5854		223		
	2.876					5631				
	9281	3.094	436	2591		17564	5.855	448	2607	
7	3.777		223			6434		222		Summation of Run
	3.554		223			6212		221		B.M. 39-2 - To B.M. 39-1
	3.331					5991				
	10662	3.554	446	3037		18637	6.212	443	3049	
8	3520		221			6428		221		Total Backsights = + 30.437
	3299		222			6207		218		Total Foresights = - 56.953
	3077					5989				Diff in Elev = - 26.516
	9896	3.299	443	3480		18622	6.208	439	3488	
	3545		224			7339		227		B.M. 39-1
	3321		223			7112		223		Cypress Ave & Vincent Ave
	3098		447			6889		450		See F.B. 1360-7
	9964	3.321		3927		21340	7.113		3938	for description

F.B. 1367 P.G. 86

30.437 56.953

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 Part Cloudy Inst. No. 50010
Notes by M. SONNENSCHEIN Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 39-1 To BM 39-3
Date
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
	7363		224			3572		224		B.M. 39-1
	7139		226			3348		224		Cypress & Vincent Ave
1	6913					3124				See F.B. 1360-7
	21415	7.138	450	450		10044	3.348	448	448	for description
	6391		223			3482		221		
	6168		221			3261		218		⊼ E. Lande
2	5947					3043				
	18506	6.169	445	895		9786	3.262	439	887	
	6399		228			3732		219		
	6171		224			3513		218		
3	5947					3295				
	18517	6.172	452	1347		10540	3.513	437	1324	
	6022		225			3259		220		
	5797		225			3039		218		
4	5572					2821				
	10391	5.797	450	1796		9119	3.040	437	1762	
	6522		212			[illegible]		221		
	6310		214			3651		220		
5	6096					[illegible]				
	18928	6.309	432	2222		10954	3.651	441	2203	
		31.585					16.814			

F.B. 1367 P.G. 87

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party H. B. DREIER Weather Part Clear Inst. No. [illegible]
Notes by M. Sonn[illegible] Time 11:00 To 12:00 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. [illegible]
From BM [illegible] To [illegible]
Date Feb 24, 1955
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
6	6.575	21.585	217	~~2149~~ 2222		[illegible]	6[illegible]	216	[illegible]	
	6.358		217							
	6.141									
	19074	6.358	434	2633 56		9850	3.283	428	2631	
7	6.605		215			3.811		217		Summation of Run
	6.390		215			3.594		215		B.M. 39-1 To B.M. 39-2
	6.175					3.374				
	19170	6.390	430	3063 86		10784	3.595	432	3063	
8	6.436		209			3.3[illegible]		211		Total Backsights = +56.981
	6.227		208			3.178		210		Total Foresights = -30.470
	6.019					2.968				Diff. in Elev. = +26.511
	18682	6.227	417	3480 503		9.535	3.178	421	3484	
9	6.637		217			3.821		221		B.M. 39-2
	6.420		213			3.600		220		Cypress Ave & Lark Ellen Ave
	6.207					3.380				See F.B. 1360-8
	19264	6.421	430	3910 33		10.801	3.600	441	3925	for description

F.B. 1367 P.G. 88

56.981 30.470

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 11:05 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 39-1 To B.M. 16-2
Date 2-25-55
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
	4.218		198		#11	5.259		208		B.M. 39-1
	4.020		198			5.051		205		CYPRESS AVE & VINCENT AVE
	3.822		396			4.846		413		SEE F.B. 1360-7
1	12.060	4.020		396	64°	15.156	5.052		413	FOR DESCRIPTION
	3.480		206			5.345		206		
	3.274		204			5.139		208		
	3.070		410			4.931		414		E. LANDA
2	9.824	3.275		.806		15.415	5.138		.827	
	3.066		210			4.965		204		
	2.856		207			4.761		201		
	2.649		417			4.560		405		
3	8.571	2.857		1.223		14.286	4.762		1.232	
	3.732		207			5.546		204		
	3.525		206			5.342		202		
	3.319		413			5.140		406		
4	10.576	3.525		1.636		16.028	5.343		1.638	
	3.919		208			5.896		208		
	3.711		205			5.688		208		
	3.506		413			5.480		416		
5	11.136	3.712		2.049		17.064	5.688		2.054	
		17.389					25.983			

F.B. 1367 P.G. 89

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 39-1 To B.M. 16-2
Date 2-25-55
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
	3.851	17.389	211	2.049		5.960	25.983	211	2.054	
	3.640		210			5.749		210		
	3.430		421			5.539		421		
6	10.921	3.640		2.470		17.248	5.749		2.475	
	4.017		217			5.592		202		
	3.800		217			5.390		203		
	3.583		434			5.187		405		
7	11.400	3.800		2.904		16.169	5.390		2.880	
	4.229		151			5.450		148		
	4.078		148			5.302		144		
	3.930		299			5.158		292		
8	12.237	4.079		3.203		15.910	5.303		3.172	
	4.671		144			5.718		148		- 52.948
	4.527		147			5.570		145		+ 42.572
	4.380		291			5.425		293		- 10.376
9	13.578	4.526		3.494		16.713	5.571		3.465	
	9.338		200			5.158		207		T.B.M. #1 (LINE 39)
	9.138		199			4.951		203		S.E. COR. IRWINDALE AVE & CYPRESS AVE
	8.939		399			4.748		410		P.K. SPK IN L6 IN TOP OF
10	27.415	9.138		3.893		14.857	4.952		3.875	RETAINING WALL
		42.572					52.948			

F.B. 1367 PG. 90

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 11:05 TO 12:00 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 39-1 To B.M. 16-2
Date 2-25-55
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
	9.222	42.572	136	3.893		4.623	52.948	138	3.875	
	9.086		136			4.485		137		
	8.950		272			4.348		275		
11	27.258	9.086		4.165		13.456	4.485		4.150	
	3.273		211			11.079		208		
	3.062		209			10.871		207		
	2.853		420			10.664		415		
12	9.188	3.063		4.585		32.614	10.871		4.565	SUMMATION OF RUN
	5.371		212			3.845		213		TOTAL BACKSIGHTS = + 90.862
	5.159		209			3.632		209		TOTAL FORESIGHTS = - 79.609
	4.950		421			3.423		422		DIFF. IN ELEV. = = 8.747
13	15.480	5.160		5.006		10.900	3.633		4.987	
	5.689		210			3.496		212		B.M. 39-1 TO B.M. #1 = - 10.376
	5.479		209			3.284		210		" #1 TO B.M. 16-2 = + 1.629
	5.270		419			3.074		422		
14	16.438	5.479		5.425		9.854	3.285		5.409	
	5.661		160			4.553		166		B.M. 16-2
	5.501		158			4.387		166		IRWINDALE AVE., 0.5 MI. S. OF
	5.343		318			4.221		332		ARROW HWY.
15	16.505	5.502		5.743	65°	13.161	4.387		5.741	SEE F.B. 1380-201 FOR DESC.
		90.862					79.609			

F.B. 1367 P.G. 91

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. 1367 P.G. 92

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: R. E. DREIER Weather: 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.: 0301.02
From: B.M. 16-2 To: B.M. 39-1
Date: 2-25-55
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
	4.710		161		#11	5.828		166		B.M. 16-2
	4.549		161			5.662		162		IRWINDALE AVE 0.5 MI. S. OF
	4.388		322			5.500		328		ARROW Hwy.
1	13.647	4.549		.322	59°	16.990	5.663		.328	SEE F.B. 1380-201 FOR DESC.
	3.539		212			5.732		209		
	3.327		210			5.523		208		
	3.117		422			5.315		417		π E. LANDA
2	9.983	3.328		.744		16.570	5.523		.745	
	3.849		211			5.376		212		
	3.638		209			5.164		211		
	3.429		420			4.953		423		
3	10.916	3.639		1.164		15.493	5.164		1.168	
	11.000		208			3.194		209		- 28.483
	10.792		209			2.985		208		+ 26.853
	10.583		417			2.777		417		- 1.630
4	32.375	10.792		1.581		8.956	2.985		1.585	
	4.682		137			9.285		136		T.P. #1 LINE #39 S.E. COR.
	4.545		136			9.149		138		IRWINDALE AVE & CYPRESS AVE
	4.409		273			9.011		274		P.K. SPK. IN L. IN TOP OF
5	13.636	4.545		1.854		27.445	9.148		1.859	RETAINING WALL
		26.853					28.483			

F.B. 1367 P.G. 93

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.: 50010
Notes by: G. E. DREIER Time: 10:00 TO 11.05 Rod No.: 11 812

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 16-2 To: B.M. 39-1
Date: 2-25-55
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
	5.207	26.853	206	1.854		9.389	28.483	200	1.859	
	5.001		204			9.189		199		
	4.797		410			8.990		399		
6	15.005	5.002		2.264		27.568	9.189		2.258	
	5.790		144			4.748		148		
	5.646		146			4.600		145		
	5.500		290			4.455		293		
7	16.936	5.645		2.554		13.803	4.601		2.551	
	5.069		148			3.846		150		
	4.921		146			3.696		149		
	4.775		294			3.547		299		
8	14.765	4.922		2.848		11.089	3.696		2.850	
	5.642		205			4.060		216		
	5.437		205			3.844		214		
	5.232		410			3.630		430		
9	16.311	5.437		3.258		11.534	3.845		3.280	
	6.027		211			3.920		211		
	5.816		211			3.709		210		
	5.605		422			3.499		421		
10	17.448	5.816		3.680		11.128	3.709		3.701	
		53.675					53.523			

F.B. 1367 P.G. 94

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [redacted] DREIER Weather: 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. 16-2 To: B.M. 39-1
Date: 2-25-55
Indexed: A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.910	53.675	208	3.680		3.934	53523	206	3.701	
	5.702		205			3.728		208		
	5.497		413			3.520		414		
11	17.109	5.703		4.093		11.182	3.727		4.115	
	5.318		204			3.507		209		
	5.114		203			3.298		207		
	4.911		407			3.091		416		
12	15.343	5.114		4.500		9.896	3.299		4.531	SUMMATION OF RUN
	4.950		216			3.023		196		TOTAL BACKSIGHTS + 79.475
	4.734		213			2.827		196		TOTAL FORESIGHTS − 70.729
	4.521		429			2.631		392		DIFF. 16-2 TO 39-1 + 8.746
13	14.205	4.735		4.929		8.481	2.827		4.923	" 16-2 TO T.B.M.#1 − 1.630
	5.361		206			3.497		206		" T.B.M.#1 TO 39-1 + 10.376
	5.155		205			3.291		202		
	4.950		411			3.089		408		
14	15.466	5.155		5.340		9.877	3.292		5.331	
	5.300		207			4.259		199		B.M. 39-1
	5.093		207			4.060		197		CYPRESS AVE & VINCENT AVE
	4.886		414			3.863		396		SEE F.B. 1360-7
15	15.279	5.093		5.754		12.182	4.061		5.727	FOR DESCRIPTION
		79.475					70.729			

F.B. 1367 P.G. 95

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 ..... 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. 1367 P.G. 96

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 2:35 TO 3:20 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-2 To B.M. 16-1
Date 2-25-55
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
	6.691		139		41	3.807		139		B.M. 16-2
	6.552		139			3.668		138		1 R WINDALE AVE, 0.5 MI. S. OF
	6.413		278			3.530		277		ARROW HWY.
1	19.656	6.552		278	64°	11.005	3.668		277	SEE F.B. 1380-201 FOR DESC.
	6.994		212			3.160		210		
	6.782		209			2.950		206		↑ E. LANDA
	6.573		421			2.744		416		
2	20.349	6.783		.699		8.854	2.951		.693	
	6.771		211			3.719		209		
	6.560		208			3.510		209		
	6.352		419			3.301		418		
3	19.683	6.561		1.118		10.530	3.510		1.111	
	6.311		212			3.110		210		
	6.099		209			2.900		210		
	5.890		421			2.690		420		
4	18.300	6.100		1.539		8.700	2.900		1.531	
	6.170		210			3.780		210		
	5.960		209			3.570		209		
	5.751		419			3.361		419		
5	17.881	5.960		1.958		10.711	3.570		1.950	
		31.956					16.599			

F.B. 1367 P.G. 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 WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:35 TO 3:20 Rod No 11812

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-2 To B.M. 16-1
Date 2-25-55
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
	6.971	31.956	212	1.958		3.141	16.599	207	1.950	
	6.759		208			2.934		205		
	6.551		420			2.729		412		
6	20.281	6.760		2.378		8.804	2.935		2.362	
	5.915		208			3.479		211		
	5.707		208			3.268		209		
	5.499		416			3.059		420		
7	17.121	5.707		2.794		9.806	3.269		2.782	
	5.579		208			3.380		210		SUMMATION OF RUN
	5.371		206			3.170		209		B.M. 16-2 TO B.M. 16-1
	5.165		414			2.961		419		TOTAL BACKSIGHTS +62.404
8	16.115	5.372		3.208		9.511	3.170		3.201	TOTAL FORESIGHTS -33.544
	6.318		211			3.630		210		DIFF IN ELEVATION +28.860
	6.107		209			3.420		209		
	5.898		420			3.211		419		
9	18.323	6.108		3.628		10.261	3.420		3.620	
	6.708		208			4.358		208		B.M. 16-1
	6.500		206			4.150		206		IRWINDALE AVE & ARROW HWY
	6.294		414			3.944		414		SEE F.B. 1380-200
10	19.502	6.501		4.042		12.452	4.151		4.034	FOR DESCRIPTION
		62.404					33.544			

F.B. 1369 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 WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:45 TO Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-1 To B.M. 16-2
Date 2-25-55
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
	4.350		207		#11	6.704		208		B.M. 16-1
	4.143		208			6.496		206		IRWINDALE AVE & ARROW HWY
	3.935		415			6.290		414		SEE F.B. 1380-200
1	12.428	4.143		.415		19.490	6.497		.414	FOR DESCRIPTION
	3.616		214			6.300		210		
	3.402		210			6.090		210		⊼ E. LANDA
	3.192		424			5.880		420		
2	10.210	3.403		.839		18.270	6.090		.834	
	3.388		209			5.587		208		
	3.179		208			5.379		209		
	2.971		417			5.170		417		
3	9.538	3.179		1.256		16.136	5.379		1.251	
	3.397		211			5.837		210		
	3.186		207			5.627		208		
	2.979		418			5.419		418		
4	9.562	3.187		1.674		16.883	5.628		1.669	
	3.159		208			6.987		211		
	2.951		205			6.776		209		
	2.746		413			6.567		420		
5	8.856	2.952		2.087		20.330	6.777		2.089	
		16.864					30.371			

F.B. 1367 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 WINDY Inst. No. 50010
Notes by G.E. DREIER Time 1:45 TO Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-1 To B.M. 16-2
Date 2-25-55
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
	3.800	16.864	209	2087		6.191	30.371	210	2089	
	3.591		208			5.981		207		
	3.383		417			5.774		417		
6	10.774	3.591		2,504		17.946	5.982		2,506	
	3.090		209			6.293		211		
	2.881		208			6.082		212		
	2.673		417			5.870		423		
7	8.644	2.881		2,921		18.245	6.082		2.929	
	3.691		209			6.743		209		SUMMATION OF RUN
	3.482		209			6.534		206		B.M. 16-1 TO B.M. 16-2
	3.273		418			6.328		415		TOTAL BACKSIGHTS +33.491
8	10.446	3.482		3.339		19.605	6.535		3.344	TOTAL FORESIGHTS -62.359
	3214		212			7.045		211		DIFF IN ELEVATION -28.868
	3.002		209			6.834		207		
	2.793		421			6.627		418		
9	9.009	3.003		3.760		20.506	6.835		3.762	
	3.809		139			6.693		140		B.M. 16-2
	3.670		139			6.553		138		IRWINDALE AVE 0.5 MI. S. OF ARROW HWY
	3.531		278			6.415		278		SEE F.B. 1380-201
10	11.010	3.670		4.038		19.661	6.554		4.040	FOR DESCRIPTION
		33.491					62.359			

F.B. 1367 P.G. 100

76P526 S & E #379 1-54

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B.M. 45-10
1367-16

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather Clear Inst. No. 50010
Notes by M. SONNENSCHEIN Time 10:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 39-2 To B.M. 45-10
Date 2-28-55
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
	5.874		204		#11	4.477		203		B.M. 39-2
	5.670		204			4.274		202		Lark Ellen Ave & Cypress Ave
	5.466				T=66	4.072				See F.B. 1360-8
	17.010	5.670	408	408		12.823	4.274	405	405	for description
	5.364		211			4.792		208		
	5.153		211			4.584		206		⊼ E. Lander
	4.942					4.378				
	15.459	5.153	422	830		13.754	4.585	414	819	
	5.077		206			4.655		206		
	4.871		203			4.449		206		
	4.668					4.243				
	14.616	4.872	409	1239		13.347	4.449	412	1231	
	5.515		207			4.581		206		
	5.308		208			4.375		205		
	5.100					4.170				
	15.923	5.308	415	1654		13.126	4.375	411	1642	
	6.730		208			3.679		207		
	6.522		204			3.472		204		
	6.318					3.268				
	19.570	6.523	412	2066		10.419	3.473	411	2053	
		27.526					21.156			
		2					2 3 2			

F.B. 1367 P.G. 101

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather Clear Inst. No. 500107
Notes by M. Sonnenschein Time 10:10 11:00 AM Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. D301.02
From BM 39-2 To BM 45-10
Date 2-28-55
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	3918 3723 3531 11172	27.526 3.724	195 192 3 ~~2~~87	2066 4 ~~23~~53		3540 3348 3153 10041	21.156 3.347	192 195 3 ~~2~~87	20~~6~~3 5 2440 ~~2350~~	
7	3898 3673 3452 11023	3.674	225 221 446	8 ~~2~~199		6687 6456 6228 19371	6.457	231 228 5 ~~4~~39	89 ~~2~~189	B.M. 45-10 Lark Ellen Ave & Asline Ave See F.B. 1367-16 for description
										Summation of Rod Total Backsight = +34.924 Total Foresight = -30.960 Diff. in Elev. = +3.964
		34.924					30.960			

F.B. 1367 P.G. 102

76P526 S & E #379 1-54

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Chief of Party [redacted] DREIER Weather Part Cloudy Inst. No. 50010
Notes by M. SONNENSCHEIN Time 11:00 To 11:30 AM Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 45-10 To BM 39-2
Date 2-28-54
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
1	6722 6493 6265 19480	6.493	229 228 457	457	#11 T=66	3932 3710 3489 11131	3.710	222 221 443	443	B.M. 45-10 Lark Ellen Ave & Asline Ave See F.B. 1367-16 for description
2	3528 3333 3140 10001	3.334	195 193 388	845		3901 3709 3514 11124	3708	192 195 387	830	
3	3730 3524 3319 10573	3524	206 205 411	1256		6787 6579 6373 19739	6.580	208 206 414	1244	
4	4340 4140 3940 12420	4.140	200 200 400	1656		5219 5070 4860 15209	5.070	209 210 419	1663	
5	4626 4419 4215 13260	4.420	207 204 411	2067		5049 4842 4639 14530	4.843	207 203 410	2073	
		21.911					23.911			

F.B. 1367 Pg. 103

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

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Part Cloud Inst. No. 50010
Notes by M. SONNENSCHEIN Time 11:00 + 6:13 AM Rod No. 11212

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-10 To B.M. 39-2
Date 2-28-54
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	4796 4587 4378 13761	21.911 4.587	209 209 418	2067 2485	11	5362 5153 4943 15,458	5.153	209 210 419	2073 2492	
7	4460 4257 4056 12773	4258	203 201 404	2889		5861 5659 5455 16,975	5658	202 204 406	2898	B.M. 39-2 Lark Ellen Ave & Cypress Ave See F.B. 1360-8 for description
										Summation of Sum Total Backsight + 30756 Total Foresight − 34722 Diff. in Elev. − 3.966
Pg 104										
F.B. 1367										
		30.756					34722			

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

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Part Cloudy Inst. No. 50010
Notes by R.J. Rodriguez Time 1:15 To 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-10 To B.M. 45-11
Date 2-28-55
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	5240 5035 4831 15106	5035	205 204 409	409	66°	4430 4222 4017 12668	4223	208 205 413	413	B.M. 45-10 Lark Ellen Ave & Maslin Ave See F.B. 1367-16 for description
2	5611 5404 5200 16215	5405	207 204 411	820		4760 4553 4349 13662	4554	207 204 411	824	⊼ E. Landa
3	5169 4963 4759 14891	4964	206 204 410	1230		4584 4378 4171 13133	4378	206 207 413	1237	
4	5092 4888 4686 14666	4889	204 202 406	1636		4570 4366 4160 13096	4365	204 206 410	1647	
5	5158 4952 4749 14859	4953	206 203 409	2045		4622 4417 4213 13252	4417	205 204 409	2056	
		25.246					21.937			

F.B. 1367 P.G. 105

76P526 S & E #379 1-54

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Chief of Party: E. DREIER Weather: Clear Inst. No. 50010
Notes by: R. Rodriguez Time: 1:15 To 2:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 45-10 To: B.M. 45-11
Date: 2-28-55
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
6	5222	25.246	203	2045		4656	21.937	206	2056	
	5019		206			4450		205		
	4813		409			4245		411		
	15054	5.018		2454		13351	4.450		2467	
7	6090		220			5003		208		
	5870		218			4795		207		
	5652		438			4588		415		
	17612	5.871		2892		14386	4.795		2882	
8	6121		160			4670		244		B.M. 45-11
	5961		158			4526		244		Arrow Hwy & Lark Ellen Ave
	5803		318			4382		488		See F.B. 1367-17
	17885	5.962		3210		13578	4.526		3370	for description
										Summation of Run B.M. 45-10 To B.M. 45-11
										Total Backsights = + 42.097
										Total Foresights = - 35.708
										Diff. in Elev = + 6.389
	42097					35708				

F.B. 1367 P.G. 106

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 2:00 To 2:45 Rod No. 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-11 To B.M. 45-10
Date 2-28-54
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
	4682		143		#11	6135		159		B.M. 45-11
	4539		145			5976		158		Arrow Hwy. & Park Ellen Chg
	4394		288			5818		317		See F.B. 1367-17
1	13615	4538		288	66°	17929	5976		317	for description
	5047		208			6133		220		
	4839		209			5913		216		⊼ E. Landa
	4630		417			5697		436		
2	14516	4839		705		17743	5914		753	
	4619		206			5219		207		
	4443		203			5012		203		
	4240		409			4809		410		
3	13332	4444		1114		15040	5013		1163	
	4625		205			5161		203		
	4420		204			4958		206		
	4216		409			4752		409		
4	13261	4420		1523		14871	4957		1572	
	4620		204			5142		205		
	4416		205			4937		205		
	4211		409			4732		410		
5	13247	4416		1932		14811	4937		1982	
	22657					26997				

F.B. 1367 P.G. 107

76P526 S & E #379 1-54

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Chief of Party: E. DREIER Weather: Clear Inst. No.: 50010
Notes by: R. Rodriguez Time: 2:00 To 2:45 Rod No.: 11512

Name: L.A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 45-11 To: B.M. 45-10
Date: 2-28-55
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
	4578	22.659	208	1932		5165	26.797	206	1959 82	
	4370		206			4959		204		
	4164		414			4755		410		
6	13112	4370		2346		14879	4959		2364 92	
	4504		205			5359		207		
	4299		206			5152		203		
	4093		411			4949		410		
7	12896	4299		2757		15460	5153		2774 802	
	4460		208			5270		207		B.M. 45-10
	4252		205			5063		203		Lark Ellen Ave & Haslinda
	4047		413			4860		410		See F.B. 1367-16
8	12759	4253		3188	66°	15393	5.064		3784 212	for description
										Summation of Run
										B.M. 45-11 To B.M. 45-10
										Total Backsights = + 35.579
										Total Foresights = − 41.973
										Diff in Elev. = − 6.394
		35.579					41.973			

F.B. 1367 P.G. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 500.10
Notes by Roy Rodriguez Time 11:45 to 12:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 45-11 To B.M. 11-25
Date 3-1-55
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
	4016		206			4496		205		BM 45-11
	3810		205			4291		202		Arrow Hwy & Lorkellen Ave
	3605		411		68°	4089		407		See F.B. 1367-17
1	14431	3810		411		12876	4292		407	for description
	5023		203			4305		208		
	4820		201			4097		207		E. Landa
	4619		404			3890		415		
2	14462	4821		815		12292	4097		822	
	5580		206			4042		206		
	5374		203			3834		202		
	5121		409			3632		408		
3	16125	5375		1224		11506	3835		1236	
	5617		204			3994		203		
	5413		203			3791		201		
	5210		407			3590		404		
4	16240	5413		1631		11375	3791		1634	
	6802		208			1[illegible]		205		
	6594		205			0822		202		
	6389		413			0620		407		
5	19785	6595		2044		2469	0.823		2041	
		26014					16838			

F.B. 1367 P.G. 109

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 11:45 to 12:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 45-11 To BM 11-25
Date 5-1-55
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
	5617	5601	173	2041		3966	3838	182	2041	
	5444		173			3784		182		
	5271		346			3602		364		
6	16332	5444		2390		11352	3784		2405	
	5100		404			3468		208		
	4896		200			3260		205		
	4696		404			3055		413		
7	14692	4897		2794		9783	3261		2818	
	6014		204			3089		207		BM 11-25
	5810		204			2882		208		Gladstone St & Park Ellen
	5605		204			2674		410		See F.B. 1376-26
8	17429	5810		3203		8650	2883		3228	for description
	6547		170			2965		168		
	6477		169			2797		167		Summation of Run
	6308		339			2630		335		BM 45-11 to BM 11-25
9	19432	6477		3542		8392	2797		3563	
	6415		154					152		Total Backsights = +54904
	6261		152					150		Total Foresights = -34325
	6109		306					302		Diff. in Elev. = +20.579
10	18785	6262		3848		14285	4762		3865	
	54904					34325				

F.B. 1367 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. Dreier Weather Clear Inst. No. 50010
Notes by R. J. Rodriguez Time 11:00 to 11:45 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-25 To B.M. 45-11
Date 3-1-55
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
	[illegible]		152		#11	6307		154		B.M. 11-25
	4707		[illegible]			6203		152		Gladstone St. & Lark Ellen Av
	[illegible]		301		670	6051		306		See F.B. 1376-26
1	14124	4708		301		18611	6.204		306	for description
	2951		[illegible]			[illegible]		170		⊼ E. Lande
	2782		[illegible]			[illegible]		168		
	[illegible]		336			[illegible]		338		
2	8348	2783		637		19391	6.464		644	
	3101		205			6028		206		
	2896		205			5822		203		
	2691		410			5619		409		
3	8688	2.896		1047		17469	5.823		1053	
	3492		205			5127		204		
	3287		207			4923		203		
	3080		412			4720		407		
4	9859	3.286		1459		14770	4.923		1460	
	4047		183			5698		175		
	3864		181			5523		172		
	3683		364			5351		347		
5	11594	3.865		1823		16572	5.524		1807	
		17.538					28.938			

F.B. 1367 P.G. 111

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Chief of Party G.E. Dreier Weather Clear Inst. No. 30010
Notes by R. Rodriguez Time 11:00 To 11:25 Rod No. 11812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 11-25 To B.M. 45-11
Date 3-1-55
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
	4090	17538	203	1823		6864	1938	207	1807	
	0887		203			6657		207		
	2684		406			6450		414		
6	2661	0887		2229		19971	6.657		2221	
	4008		205			5631		203		
	3803		203			5428		203		
	3600		408			5225		408		
4	11411	3.804		2639		16282	5.427		2629	
	4061		202			5600		203		
	3859		204			5397		206		Summation of Run
	3655		406			5191		409		B.M. 11-25 To B.M. 45-11
	11575	3.858		3043		16188	5.396		3038	
	4363		208			5082		202		Total Backsights = 34.514
	4155		207			4880		201		Total Foresights = 55.090
	3951		415			4679		403		Diff. in Elev = -20.576
9	12475	4.158		3458		14621	4.880		3441	
	4473		203			3997		205		B.M. 45-11
	4270		206			3792		204		Arrow Hwy. & Lark Ellen Ave
	4064		409			3588		409		See F.B. 1367-17
10	12807	4.269		3867	68°	11377	3.792		3850	for description
	34.514					55.090				

F.B. 1367 P.G. 112

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Bm 11-24 - 1376-25

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 3:10 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-25 To B.M. 11-24
Date 3-1-55
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
	7086		208		#11	5610		206		B.M. 11-25
	6878		207			5404		206		Gladstone St. & Lark Ellen Ave
	6671		415			5198		412		See F.B. 1376-26
1	20635	6878		415		16212	5404		412	for description
	5632		206			5200		208		
	5426		206			4992		210		⊼ E. Lands
	5220		412			4782		418		
2	16278	5426		827		14974	4991		1238	
	5251		206			4684		207		
	5045		205			4475		208		
	4840		411			4267		417		
3	15136	5045		1238		13426	4475		1242	
	4554		205			5099		205		
	4357		205			4894		203		
	4152		410			4691		408		
4	13077	4359		1648		14684	4895		1655	
	5152		206			4626		206		
	4946		207			4420		203		
	4739		413			4217		409		
5	14837	4946		2061		13263	4421		2064	
		26654					24186			

F.B. 1367 P.G. 113

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 CLEAR Inst. No. 22012
Notes by R.J. Radwanski Time 3:10 To 3:40 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-25 To BM 11-24
Date 3-1-55
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
	5039	2064	209	2061	#11	4482	2064	206	2064	
	4830		209			4276		206		
	4621		418			4070		412		
6	14490	4830		2479		12828	4276		2476	SUMMATION OF RUN
	4707		211			5479		208		TOTAL BACKSIGHTS + 45635
	4496		208			5271		205		TOTAL FORESIGHTS - 44268
	4288		419			5066		413		DIFF. B.M. 11-24 TO 11-25 + 1.367
7	13491	4497		2888		15816	5272		2889	
	4783		131			5259		129		
	4652		132			5130		131		
	4520		263			4999		260		
8	13955	4652		3171		15388	5129		3149	
	5136		135			5537		132		B.M. 11-24
	5001		131			5405		131		Stadtone St. & Pontiac Co
	4870		265			5274		263		See B.B. 1376-25
9	15007	5002		6341		16216	5405		3412	

F.B. 1367 P.G. 114

45635 44268

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. DREIER Weather CLEAR Inst. No. 50010
Notes by R Rodriguez Time 9:45 To 10:45 Rod No. 4812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-24 To B.M. 11-25
Date 3-2-55
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
	5.586		132		#11	5.184		133		B.M. 11-24
	5.454		131			5.051		132		Gladstone St & Intrance
	5.323		265		64°	4.919		265		Rock Co.
1.	16363	5454		263		15154	5051		265	See F.B. 1376-25
	5.386		131			4.910		131		
	5.255		129			4.779		130		⊼ E. Land A.
	5.126		260			4.649		261		
2.	[illegible]	5256		523		14338	4779		526	
	5.377		208			4.601		208		
	5.169		208			4.393		208		
	4.961		416			4.185		416		
3.	5.507	5169		939		[illegible]	4393		942	
	4.453		208			5.006		209		
	4.245		206			4.797		206		
	4.039		415			4.591		415		
4	12737	4246		1353		[illegible]	4798		1357	
	4.628		207			5.151		207		
	4.421		204			4.944		205		
	4.217		411			4.739				
5	13266	4422		1764		14834	4945	412	1769	
		24547					23966			

F.B. 1367 P.G. 115

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather Clear Inst. No. 50010
Notes by [illegible] Time 9:45 to 1[illegible]:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM-11-24 To BM-11-26
Date 3-2-55
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
	5.056	24540	206	1764		11.520	[illegible]	207	1768 9	
	4.850		203			4.313		203		
	4.647		409			4.110		410		
6	14553	4.851		2173		12943	4314		2178	
	4.655		210			5.219		205		
	4.445		208			5.014		203		SUMMATION OF R.L.N.
	4.237					4.81[illegible]		408		B.M. 11-24 TO B.M. 11-25
7	13337	4446	418	2591		15044	[illegible]15		2586	
	5.256		211			[illegible]		[illegible]		Total Backsights = + 44.214
	5.045		211			5.48[illegible]		[illegible]		Total Foresights = - 45.574
	4.834		422			[illegible]		[illegible]		Diff. 1-24 1-25 = - 1.360
8	15135	5045		3013		16443	[illegible]		[illegible]	
	5530		205			7005		208		B.M. 11-25
	5325		205			6797		206		Gladstone St. & Lark Ellen
	5120		410			6591		414		Ave. See F.B. 1376-26
9	15975	5.325		3423		20393	6798		3409	For description
		44214					4[illegible]74			

F.B. 1367 P.G. 116

76P526 S & E #379 1-54

BACK

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50012
Notes by R. J. Rodriguez Time 2:00 TO 3:15 Rod No. 4512

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 11-24 To BM 11-23
Date 3-2-57
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
	5.2[illegible]		209		#11	4.634		210		BM 11-24
	5.501		206			4.424		207		Gladstone St. & Intr. Azusa Rock
	5.295		415			4.217				See F.B. 1376-25
1	16506	5502		415	66°	13275	4425	417	417	for description
	3.851		212			5.145		209		
	3.639		210			4.936		207		E. Lande
	3.429					4.729		416		
2	[illegible]	3639	[illegible]	833		[illegible]	4937		833	
	5.196		214			5.284		211		
	4.982		212			5.073		211		
	[illegible]		425			4.862		422		
3	[illegible]	4983	6	1263		15219	5073		1055	
	3.980		201			5.153		198		
	3.779		200			4.955		197		
	3.579		401			4.758		395		
4	11338	3779		1664		14866	4955		1650	
	3.828		211			4.746		209		
	3.667		208			4.531		210		
	3.459		419			4.321		419		
5	11004	3668		2083		13592	4530		2069	
		21571					23920			

F.B. 1367 P.G. 117

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. 500.10
Notes by R. Rodriguez Time 2:00 to 3:45 Rod No. 118/12

Name L. A. CO. PRECISE LEVEL NL
Job No. 0301.02
From B.M. 11-24 To B.M. 11-33
Date 3-2-55
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
	3919	3157	209	208 x 3		[illegible]	[illegible]	211	3069	
	3710		210			4545		207		
	3500			2502		[illegible]		418	8	
6	11129	3710	419	[illegible]		[illegible]	[illegible]		2117	
	3864		207			4730		210		
	3657		208			[illegible]		206		
	3449		415	17		4314		416	2903	
7	10970	3655		2903		[illegible]	[illegible]		[illegible]	
	3911		209			[illegible]		207		
	3702		205			[illegible]				
	3497		414	31		[illegible]		[illegible]	1	
5	11110	3703		[illegible]		12863	[illegible]		[illegible]	
	3862		204			5147		213		
	3658		204			4934		210		
	3454		408	39		4724		423	4	
9	10974	3658		[illegible]		9805	[illegible]		3731	
	3995		208			[illegible]		209		
	3287		208			[illegible]		[illegible]		
	3579		416	55		[illegible]		417	5	
10	11361	3787		[illegible]		16318	[illegible]		[illegible]	
		40086					4[illegible]49			

F.B. 1367 P.G. 118

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. 50012
Notes by R. Rodriguez Time 2:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0501 02
From B.M. 11-24 To B.M. 11-23
Date 3-2-55
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
	4028	40086	130	41~~44~~ 55		5570	47649	130	~~4408~~ 5	B.M. 11-23
	3898		130			5440		130		Irwindale Ave & Gladstone St.
	3268			15		5310				See F.B. 1376-21
11	4694	3898	260	44~~04~~		16320	5440	260	44~~08~~ 1	for description
										Summation of Run B.M. 11-24 To B.M. 11-23
										Total Backsights = + 43.984
										Total Foresights = - 53.089
										Diff. in Elev. = - 9.105
		43984					53089			

F.B. 1367 P.G. 119

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. 1367 P.G. 120

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by [illegible] Time 1:15 To 2:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 11-23 To B.M. 11-24
Date 3-2-55
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
	5.470		130			3.928		130		B.M. 11-23
	5.340		128			3.798		128		Irwindale Ave & Friedstone St
	5.212					3.670				See F.B. 1376-24
1	16022	5340	258	258		11396	3799	258	258	for description
	5.673		209			4.021		208		
	5.464		206			3.813		207		⊼ E. Lande
	5.258					3.606				
2	16395	5465	415	673		11440	3813	415	673	
	5.244		212			3.960		205		
	5.032		212			3.755		202		
	4.820					3.552		408		
3	15096	5032	424	1097		11267	3756		1081	
	[illegible]		207			3.851		210		
	4.229		208			3.641		208		
	[illegible]					3.433				
4	12685	4229	415	1512		10925	3641	418	1491	
	4.761		208			3.899		210		
	4.553		202			3.689		207		
	4.346					3.482				
5	13660	4553	415	1927		11070	3690	417	1916	
	24619					18699				

F.B. 1347 P.G. 121

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather Clear Inst. No. 50010
Notes by R. Rodriguez Time 1:15 To 2:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 11-24
Date 3-2-55
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
	4.751	2461	209	[illegible]		3.917	[illegible]	212	1916	
	4.542		202			3.705		208		
	4.335		416			3.497		420		
6	13628	4543		2343		11119	3706		2336	
	4.732		212			3.867		209		
	4.520		210			3.658		208		
	4.310		422			3.450		417		
7	13562	4520		2765		10975	3658		2753	
	5.028		195			[illegible]		[illegible]		
	4.833		192			[illegible]		[illegible]		
	4.641		387			[illegible]		410		
8	14502	4834		3152		10964	3655		3163	
	5.026		213			4.837		206		
	4.813		211			4.721		202		
	4.602		424			4.509		428		
9	14441	4813		3576		14167	4722		3571	
	5.148		210			3.855		213		
	4.938		208			3.642		210		
	4.730		418			3.432		423	4014	
10	14816	4939		2914		10929	3643			
		48268					38083			

F.B. 1367 P.G. 122

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 R. Rodriguez Time 1:15 to 2:22 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 11-24
Date 3-2-55
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
	4.681	48268	211	3994		5.757	28083	207	~~3994~~ 4014	B.M. 11-24
	4.470		228			5.550		207		Gladstone St. & Irr. Azusa
	4.262		413			5.343		414		Rock Co. See F.B. 1376-25
11	13413	4471		4413		16650	5550		4428	for description
										Summation of Run B.M. 11-23 To B.M. 11-24
										Total Backsights = + 52.739
										Total Foresights = - 43.633
										Diff. in Elev. = + 9.106
		[illegible]					43.633			

F.B. 1367 P.G. 123

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..... 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. 367 P.G. 12A

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 [illegible]
Notes by R. Rodriguez Time 1:45 TO 3:00 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 16-1
Date 2-3-55
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.584		227			6.500		225		B.M. 11-23
	4.357		227			[illegible]		[illegible]		IRWINDALE AVE & GLADSTONE ST
	4.130					[illegible]				SEE F.B. 0376-24
1	13071	4357	454	454		[illegible]	76	248	[illegible]	FOR DESCRIPTION
	[illegible]		218			[illegible]		[illegible]		
	2973		216			6482		[illegible]		⊼ E. LANDA
	[illegible]					6264				
2	8921	2974	4[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	
	3526		[illegible]			[illegible]		[illegible]		
	3.334		[illegible]			[illegible]		[illegible]		
	3085					[illegible]		446		
3	[illegible]	[illegible]	[illegible]	3[illegible]		[illegible]		[illegible]	1336	
	[illegible]		189			6.494		249		
	3223		181			[illegible]		248		
	3033		37			[illegible]		497		
4	9666	3222		1707		18736	6245		1833	
	[illegible]					[illegible]		214		
	[illegible]		[illegible]			5.525		[illegible]		
	[illegible]		431			[illegible]		[illegible]		
5	9603	3201		[illegible]		16577	5526		2259	
		17259					[illegible]			

F.B. 1367 P.G. 125

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 R Rodriguez Time 1145 TO 3:00 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-23 To B.M. 16-1
Date 3-3-55
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
	3.248	17059	216	[illegible]		[illegible]34	31509	213	2259	B.M 16-1
	2.832		212			6.821		211		ARROW HIGHWAY & IWINDALE AVE
	2.820					[illegible]0				SEE F.B. 1380-200
6	8500	2833	428	2566		20465	[illegible]21	424	2683	for description
	3018		213			6399		210		
	2.805		209			[illegible]		209		
	2.886		422			5[illegible]				SUMMATION OF RUN
7	8419	2806		2988		19568	[illegible]79	419	3102	B.M 16-1 TO B.M. 11-23
	3.590		214			6.137		204		
	3.376		215			[illegible]		202		TOTAL BACKSIGHTS = + 32.786
	3.161					[illegible]				TOTAL FORESIGHTS = - 62.398
8	10127	3376	429	3417		17801	5934	406	3308	DIFF IN ELEV = - 29.612
	3599		148			5.829		144		
	3451		148			5.735		143		
	3303		296			5.592		287		
9	10353	3451		3713		17206	5[illegible]5		3793	
	3.401		140			6.351		141		
	3.261		140			6210		140		
	3.121		280			6070		281		
10	9783	3261		3993		18631	6[illegible]		4076	
		32786					6[illegible]98			

F.B. 1367 P.G. 126

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
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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: Rodriguez Time: 12:30 to 12:00 Rod No.: 11-12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 2301.22
From: B.M. 16-1 To: 11-23
Date: 3-3-55
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
	6.320		142		#11	3.371		140		
	6.178		139		65°	3.231		141		B.M. 16-1
	6.039		281			3.090		281		ARROW HIGHWAY & INDIALE AVE
1	18.537	6.179		281		9.692	3.231		280	SEE F.B. 1380-204 FOR DESCRIPTION
	5.280		125			3.520		147		
	5.155		124			3.373		144		⊼ E. LANDA
	5.531		249			3.229		291		
2	16.966	5.655		530		10.122	3.374		569	
	6.203		208			3.647		209		
	5.995		212			3.438		206		
	5.783		420			3.232		415		
3	17.981	5.994		950		10.317	3.439		987	
	6.401		211			3.020		211		
	6.190		208			2.809		211		
	5.982		419			2.598		422		
4	18.573	6.191		1369		8.427	2.809		1408	
	7.204		214			3.219		217		
	6.990		213			3.002		213		
	6.777		427			2.789		430		
5	20.971	6.990		1796		9.010	3.003		1838	
		31.009					15.856			

F.B. 1369 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 CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 10:30 TO 2:00 Rod No. 11-12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-1 To B.M. 11-23
Date 3-3-55
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
	5.107	31.009	215	1796		3.790	3856	219	1839	
	5.892		213			3.571		215		
	5.679		428			3.356		434		
6	17678	5.893		2224		10717	3572		2273	
	7.077		252			4.001		191		
	6.825		250			3.810		191		
	6.575		402			3.619		382		
7	20477	6.826		2626		11430	3810		2652	SUMMATION OF RUN B.M. 16-1 TO B.M. 11-23
	7.271		224			3.587		221		
	7.047		225			3.366		220		TOTAL BACKSIGHTS = + 63.647
	6.822		449			3.146		441		TOTAL FORESIGHTS = - 34042
8	21.140	7.047		3075		10099	3366		3093	DIFF IN ELEV. + 29.605
	6.733		222			3.219		219		
	6.511		221			3.000		215		
	6.290		443			2.785		434		
9	19.534	6.511		3518		9004	3001		3527	
	6.585		225			4.664		228		B.M. 11-23
	6.360		222			4.436		226		IWINDALE AVE & GLADSTONE ST
	6.138		447			4.210		454		SEE F.B. 1376-24
10	19.083	6.361		3965		13310	4437		3984	FOR DESCRIPTION
		63.647					34042			

F.B. 1367 P.G. 128

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE. F.B. 1369 PG. 151
Map No.	W.O. 0301.02 Tape No. Std. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-55
Date	Indexed ~~A. C. Johnson~~ 2-1-56

LINE NO. 46

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

BALDWIN PARK AREA

DREIER
LANDA
SONNENSCHEIN
RODRIGUEZ
DALE, INC

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726 LOS ANGELES COUNTY
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78F3095 247 4-53

RETURN TO
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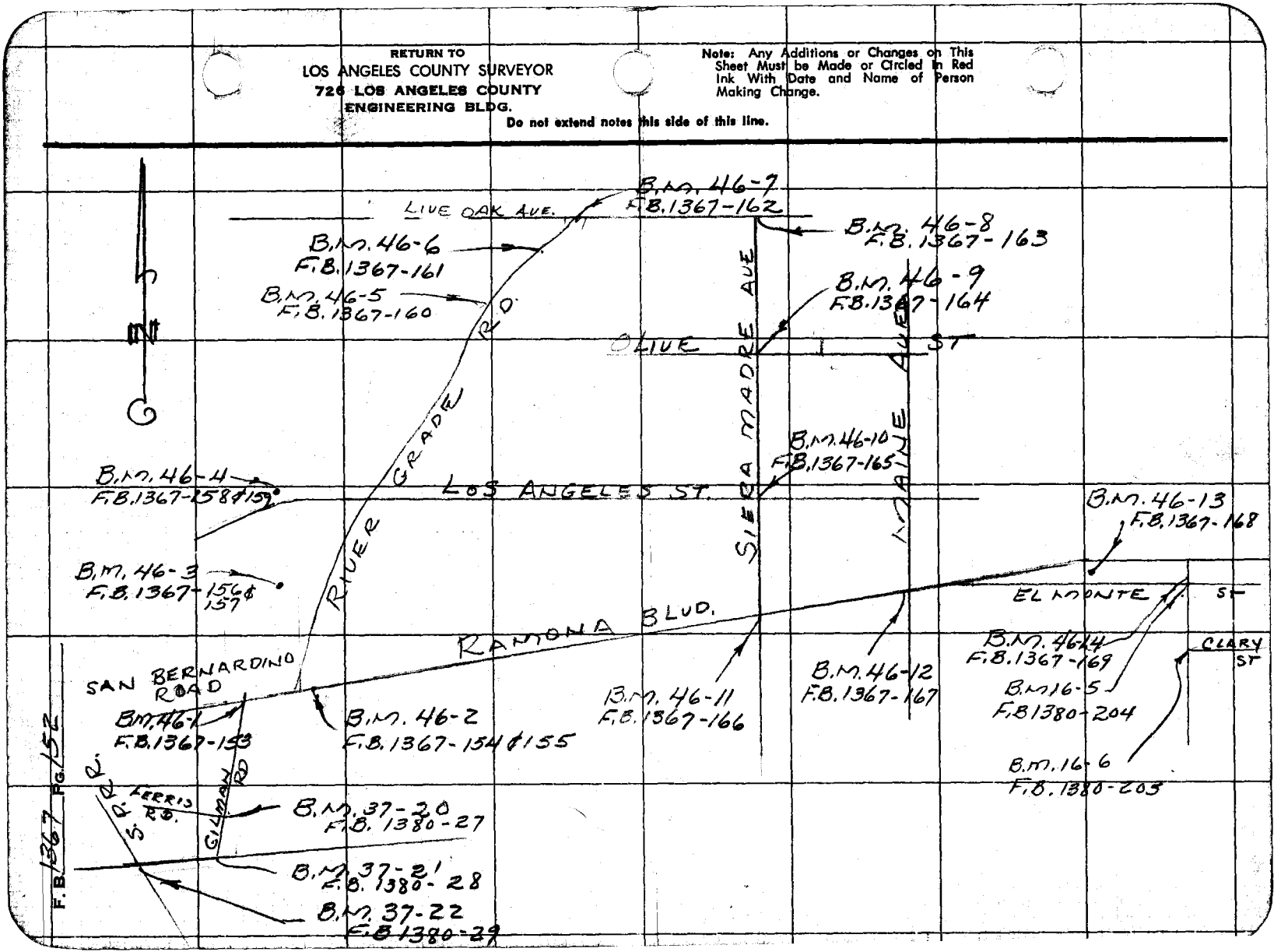
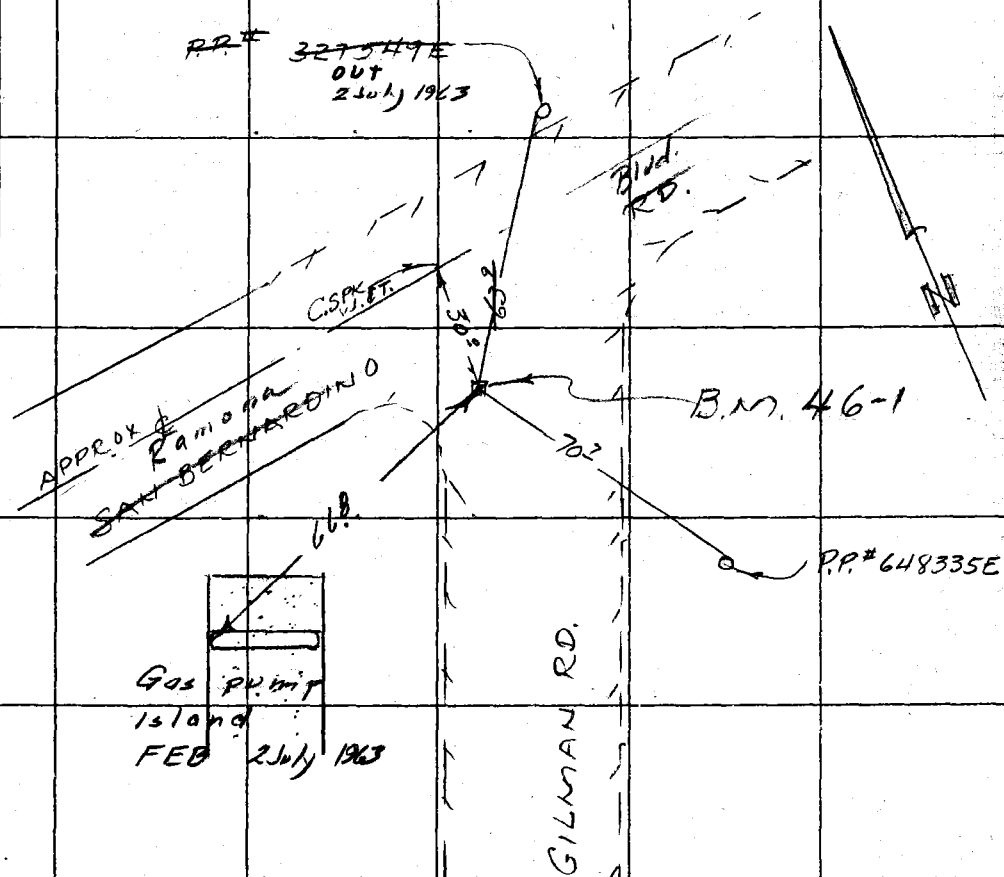


Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of 0301.02
Office Work	W. O. Tape No. Sr'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes E. DREIER Date 3-11-55
	Indexed J. C. Johnson

F.B. 1367 Pg. 153

B.M. 46-1 (EL MONTE L-3)
~~SAN BERNARDINO RD.~~ Ramona Blvd AND GILMAN RD.,
APPROX. 30 FT. S. OF ℄ ~~S.B. RD.~~ Ramona Blvd AND ± 10 FT.
WEST OF CENTER OF PAVEMENT OF GILMAN
RD., A STANDARD L.A. CO. SURVEY CONTROL MON.
STAMPED "EL MONTE L-3 1953" REG3. 14 INCHES
BELOW THE SURFACE AND PROTECTED BY
A CAST IRON COVER LETTERED "COUNTY
SURVEYOR MONUMENT"

1952 ADJ. ELEV. 316.879'



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RETURN TO
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726 LOS ANGELES COUNTY
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76F3098 247 4-53

F.B. 1367 PG. 154

NOT RECOV. 5-12-66 G.E.D.

B.M. 46-2 (PUENTE A-3)

~~SAN BERNARDINO RD~~ Rosemead Blvd AND RIVER GRADE RD., S.E. COR., APPROX. 15.5 FT SOUTH OF ℄ ~~S.B. RD.~~ Rosemead Blvd AND 114.7 FT. E'LY FROM R.M. #1 IN S.E. COR OF BRIDGE, A STANDARD L.A.CO. SURVEY CONTROL MON. STAMPED "PUENTE A-3 1953", 12 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

RE 63

1952 ADJ. ELEV. 320.989'

B.M. 46-2A

NORTH OF SAN BERNARDINO RD. AND WEST OF RIVER GRADE ROAD, A LEAD AND NAIL IN ~~B.M. chis. in conc.~~ MOST S.E'LY CONCRETE BASE OF S.C. EDISON CO. TOWER No. 110-5

1952 ADJ. ELEV. 311.019'

(NOTE - CHISELED "B.M. 1" POINTS TO A LEAD & TACK B.M. IS A NEARBY LEAD AND NAIL 5-12-66 G.E.D.)

B.M. 46-2B

NORTH OF SAN BERNARDINO RD. AND WEST OF RIVER GRADE RD., A LEAD AND NAIL IN MOST S.E'LY CONCRETE BASE OF S.C. EDISON CO. TOWER No. 110-4

1952 ADJ. ELEV. 316.077'

B.M. 46-2C

NORTH OF SAN BERNARDINO RD. AND WEST OF RIVER GRADE RD., A LEAD AND NAIL IN MOST S'LY CONCRETE BASE OF S.C. EDISON CO. TOWER NO. 110-3

1952 ADJ. ELEV. 320.773'

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720 LOS ANGELES COUNTY
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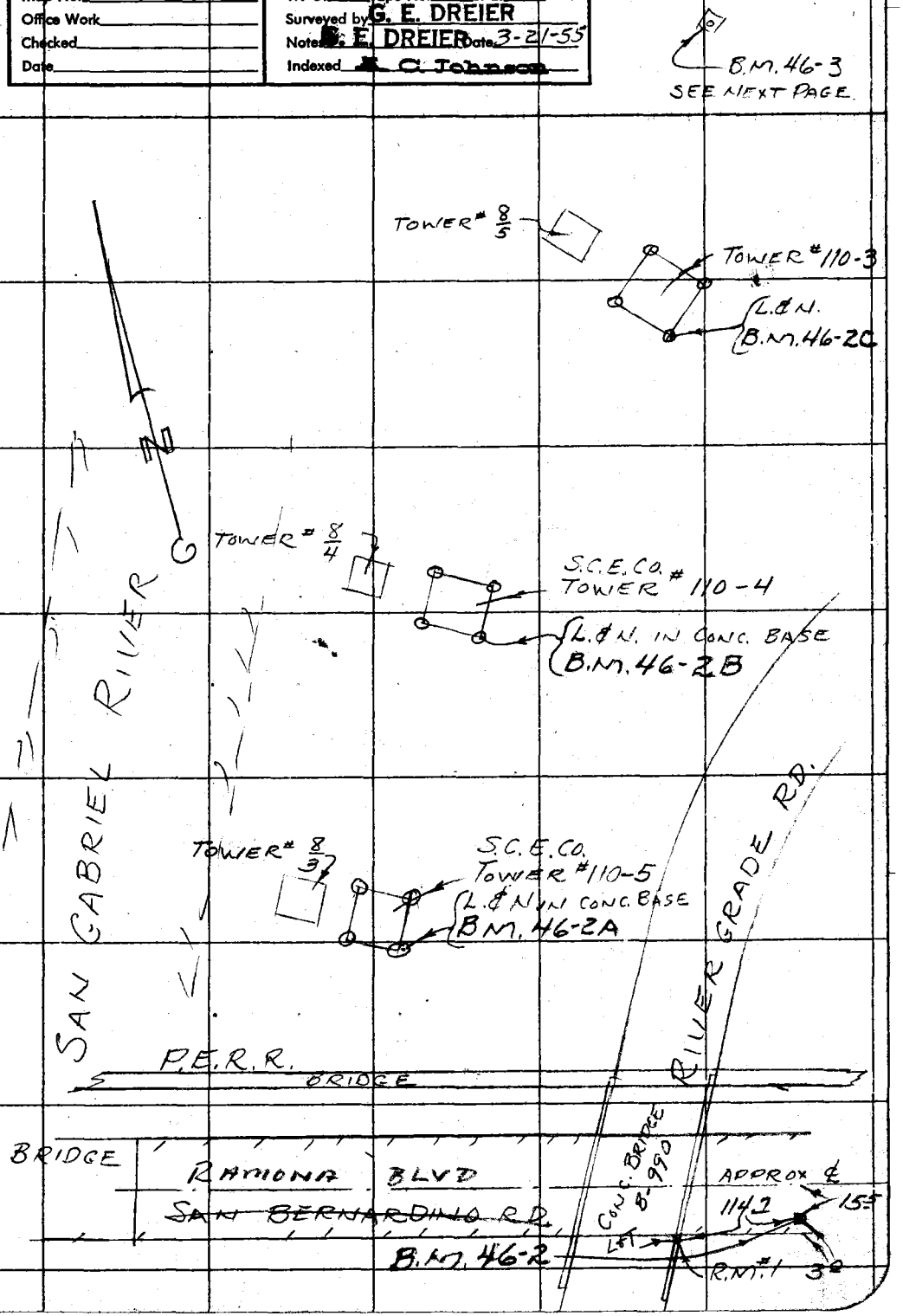
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET F. B. 1367 Pg. 155
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-21-55
Date	Indexed J. C. Johnson



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76F3095 247 4-53

F.B. 1367 Pg. 156

Not Recovered F.E.B. 1 July 1963

B.M. 46-3 (PUENTE A-2 1953)
WEST OF RIVERGRADE ROAD AND SOUTH OF LOWER AZUSA RD., 282.1 FT. S.W. OF THE S.E. COR. OF SO. CAL. EDISON CO. TOWER #110-2 IN LINE WITH E'LY SIDE OF TOWER # 9/1 AND IN LINE WITH N.W. COR TOWER #110-2 AND N.E. COR TOWER #110-1
A STANDARD L.A.CO. SURVEY CONTROL TRAVERSE STATION FLUSH WITH THE SURFACE.
1952 ADJ. ELEV. 325.839'

B.M. 46-3A
WEST OF RIVER GRADE ROAD AND SOUTH OF LOWER AZUSA RD., A LEAD AND NAIL IN CONCRETE BASE OF SOUTH EAST CORNER OF SO. CAL. EDISON CO. TOWER #110-2
1952 ADJ. ELEV. 326.469'

B.M. 46-3B
WEST OF RIVER GRADE ROAD AND SOUTH OF LOWER AZUSA ROAD, A LEAD AND NAIL IN CONCRETE BASE OF SOUTH EAST CORNER OF SO. CAL. EDISON CO. TOWER #110-1
1952 ADJ. ELEV. 333.343'

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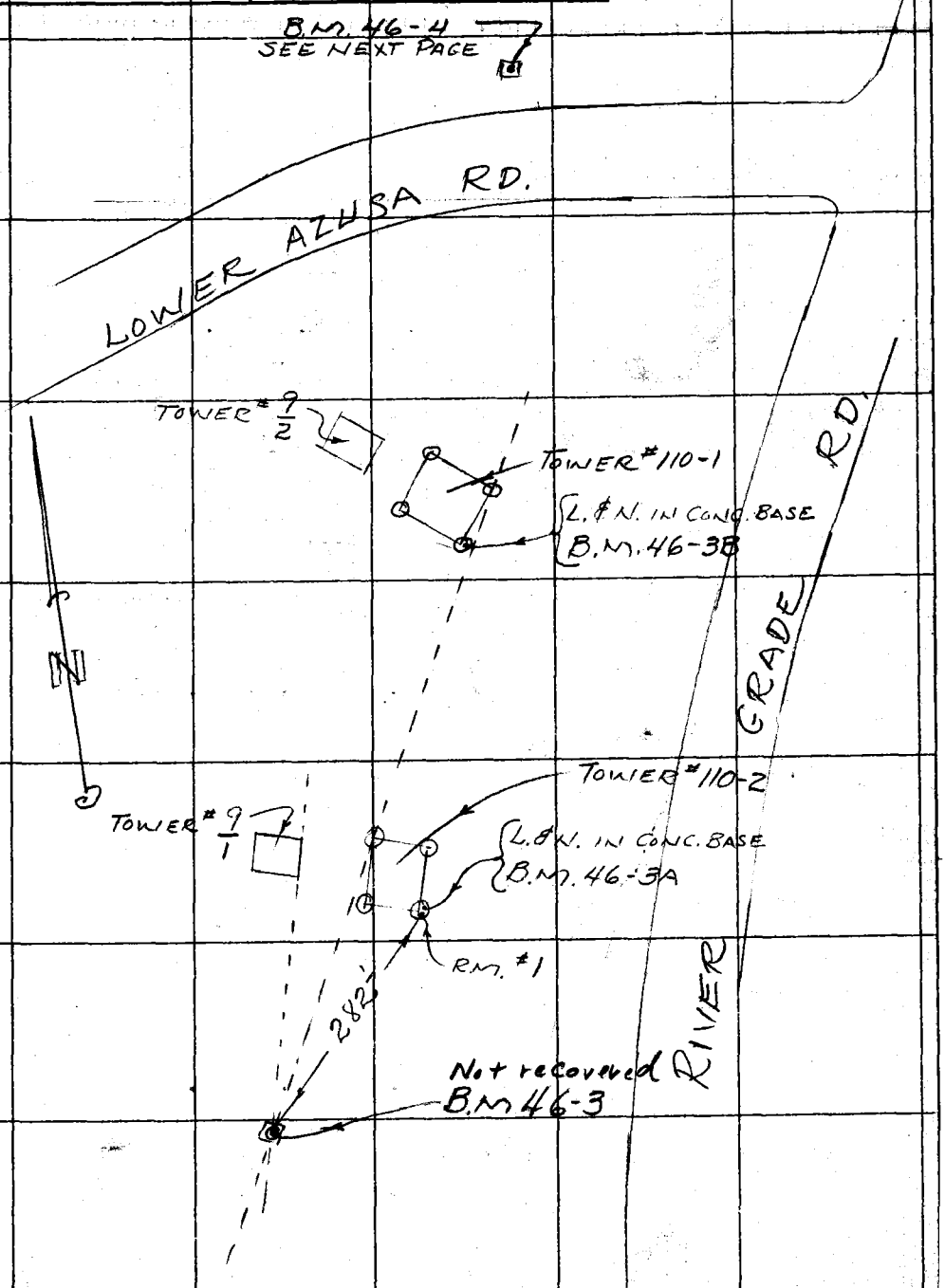
Notes Ck'd by	Survey of L. A. CO. PRECISE LEVEL NET. B. 1367 PG. 157
Map No.	W. O. 8381.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 5-16-55
Date	Indexed R. C. Johnson



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76F3088 247 4-53

F.B. 1357 PG. 158

Not Recovered 1 July 1967 F.E.B.

B.M. 46-4 (PUENTE A-1, 1953)
LOWER AZUSA RD., WEST OF RIVER-GRADE RD., 56.0 FT. N'LY FROM CENTER OF PAVEMENT, 5.0 FT NORTH OF WESTERLY EXTENSION OF ℄ OF LOS ANGELES ST., 267.3 FT. S.W. FROM S.E. COR OF SO. CAL. EDISON CO. TOWER #109-4, A STD. "L.A. CO. SURVEY CONTROL TRAVERSE STATION PUENTE A-1". 12 INCHES BELOW THE SURFACE.

1952.5 ADJ. ELEV. 335.350

B.M. 46-4A
LOWER AZUSA RD, NORTH SIDE, WEST OF RIVERGRADE RD, A LEAD AND NAIL IN CONCRETE BASE OF NORTH WEST CORNER OF SO. CAL. EDISON CO. TOWER #109-4

1952.5 ADJ. ELEV. 338.701

B.M. 46-4B
WEST OF RIVER GRADE ROAD AND NORTH OF LOWER AZUSA RD, A LEAD AND NAIL IN CONCRETE BASE OF NORTH WEST CORNER OF SO. CAL. EDISON CO. TOWER #109-3

1952.5 ADJ. ELEV. 343.329

BM 46-4C (Corps of Engineers) 2 July 1963 F.E.B.
RIVERGRADE RD and LOWER AZUSA RD N.W. Cor. Corps of Engineers Brass Disc set in S.E. Cor. of S.C. Edison Tower #109-4. Nothing stamped on disc

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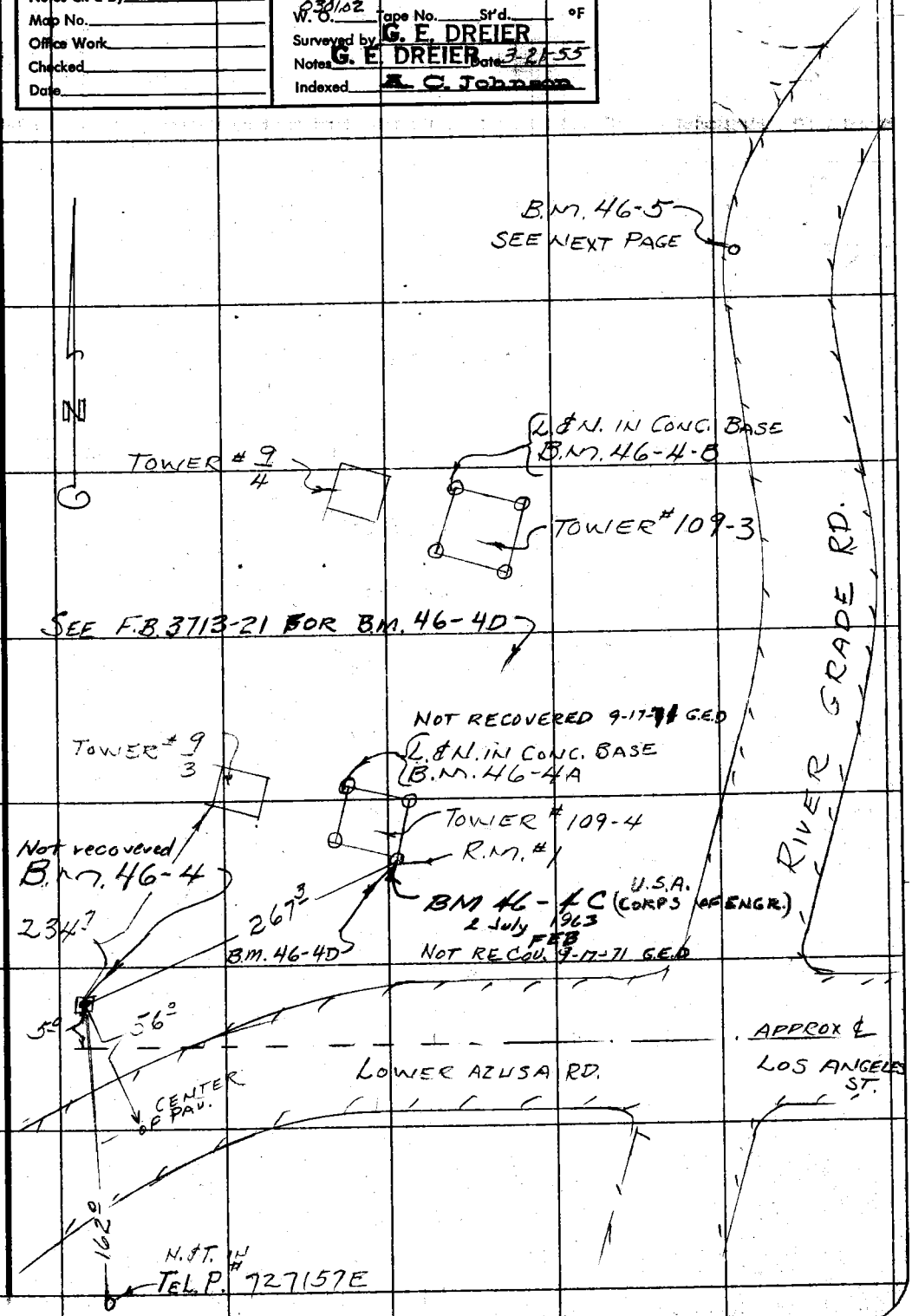
Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of 030102
Office Work	W. O. Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 3-21-55
	Indexed A. C. Johnson

F.B. 1367 PG. 159



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76F3098 247 4-53

F.B. 1367 PG. 160

B.M. 46-5

RIVERGRADE ROAD ABOUT 0.5 MILE NORTH OF LOWER AZUSA RD, AT ℄ P.I. SOUTH OF A DIRT & GRAVEL ROAD TO GRAHAM BROS. PIT, A BRASS CAPPED MON. STAMPED "L.A. CO. RD. DEPT. 1955" 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

Not Recovered 3 July 1923 F.E.B.

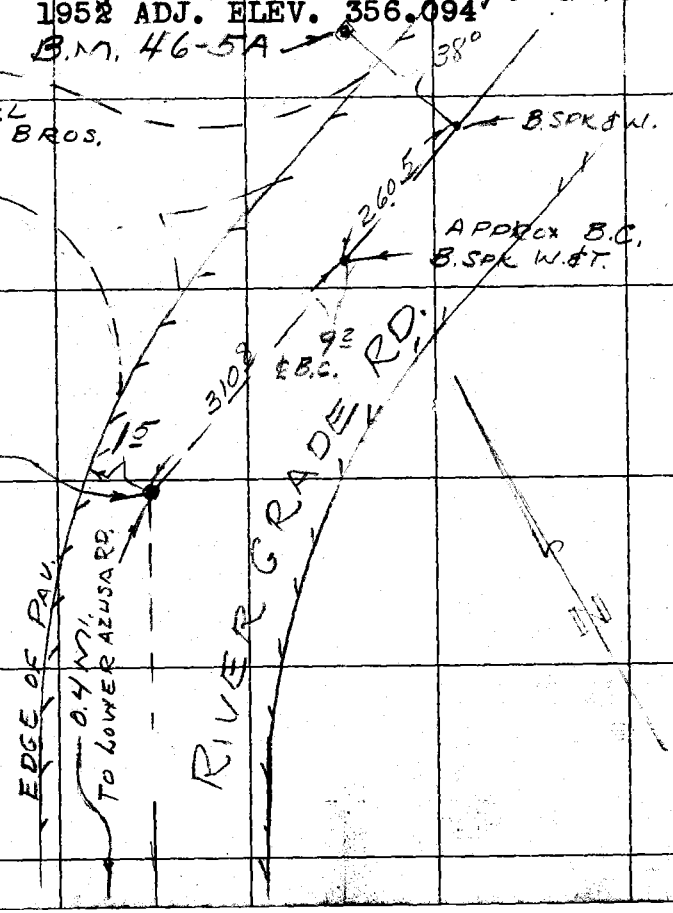
1952 ADJ. ELEV. 352.703

B.M. 46-5A (PUENTE B-1, 1953)

RIVER GRADE ROAD, NORTH OF DIRT ROAD TO GRAHAM BROS., 571 FT. N.E. FROM ℄ P.I. (B.M. 46-5), 38 FT. N.W. FROM ℄ A STD. L.A. CO. SURVEY CONTROL TRAVERSE STAT. STAMPED "PUENTE B-1" 12 INCHES BELOW SURFACE.

See F.B. 1367 Pg 170 for New desc. F.E.B. 3 July 1953

1952 ADJ. ELEV. 356.094



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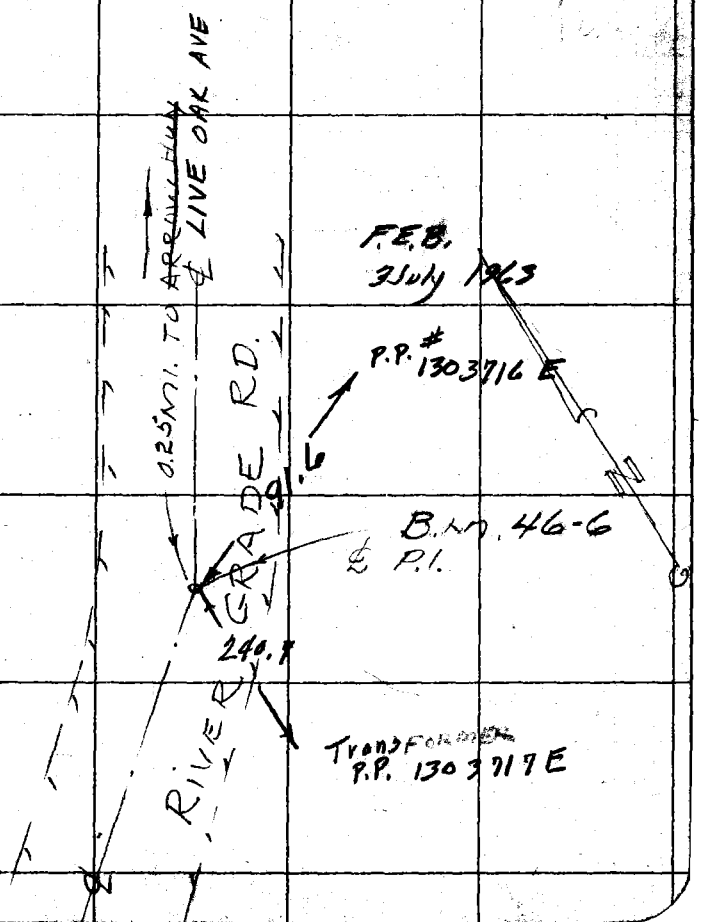
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE F.B. 1367 PG. 161
Map No.	W. O. 0301.02 Tape No. Sr'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-21-55
Date	Indexed A. C. Johnson

B.M. 46-6

RIVER GRADE ROAD AT ℄ P.I. 0.25 MILE SOUTHWEST FROM ~~ARROW HWY. (OLD ALIGNMENT)~~ LIVE OAK AVE A STANDARD "L.A. CO. RD. DEPT. 1953" BRASS CAP MONUMENT, 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1955 ADJ. ELEV. 384.758'



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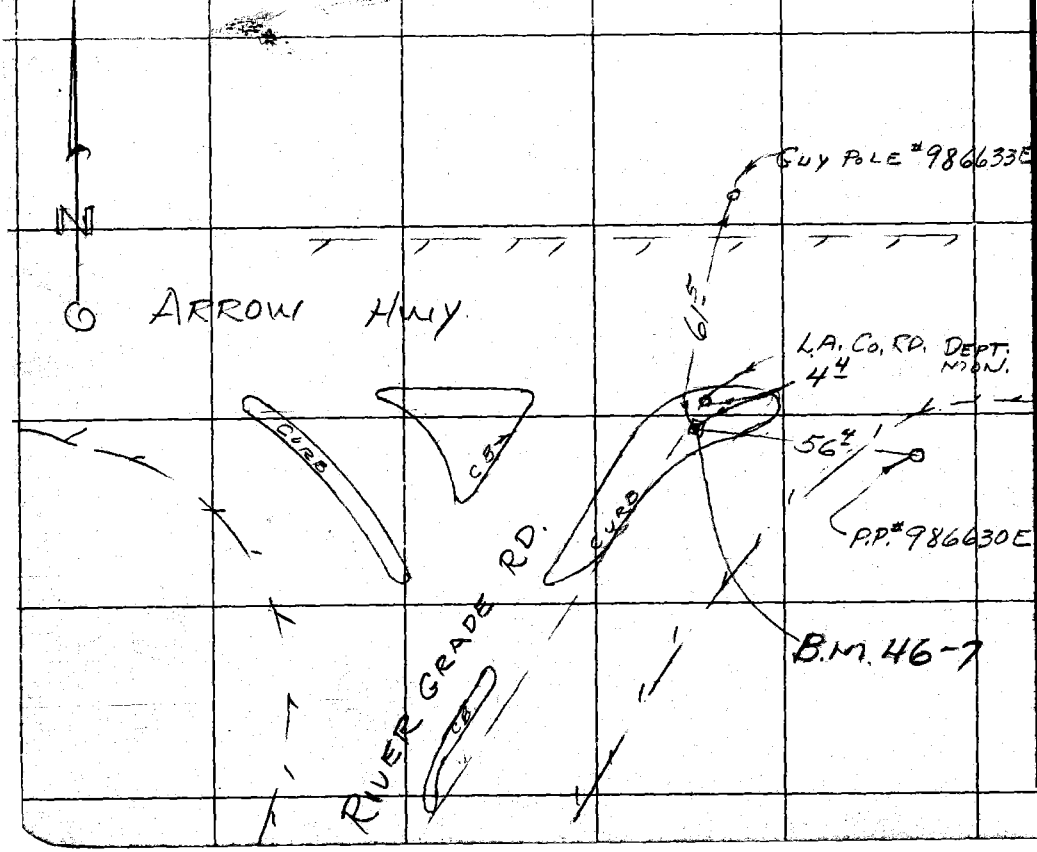
76F3098 247 4-53

F.B. 1367 Pg. 162

B.M. 46-7 (AZUSA D-12)
RIVER GRADE RD. AND ARROW HWY. (OLD ALIGNMENT), A STANDARD L.A. CO. SUR. TRAVERSE STATION STAMPED "AZUSA D-12 1953" 10 INCHES BELOW THE SURFACE, IN THE N'LY END OF THE MOST N.E'LY TRAFFIC ISLAND AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"
1952 ADJ. ELEV. 397.992'

See July 1963 BM 46-7A

Not recovered F.B. 2893-7 for F.E.B.



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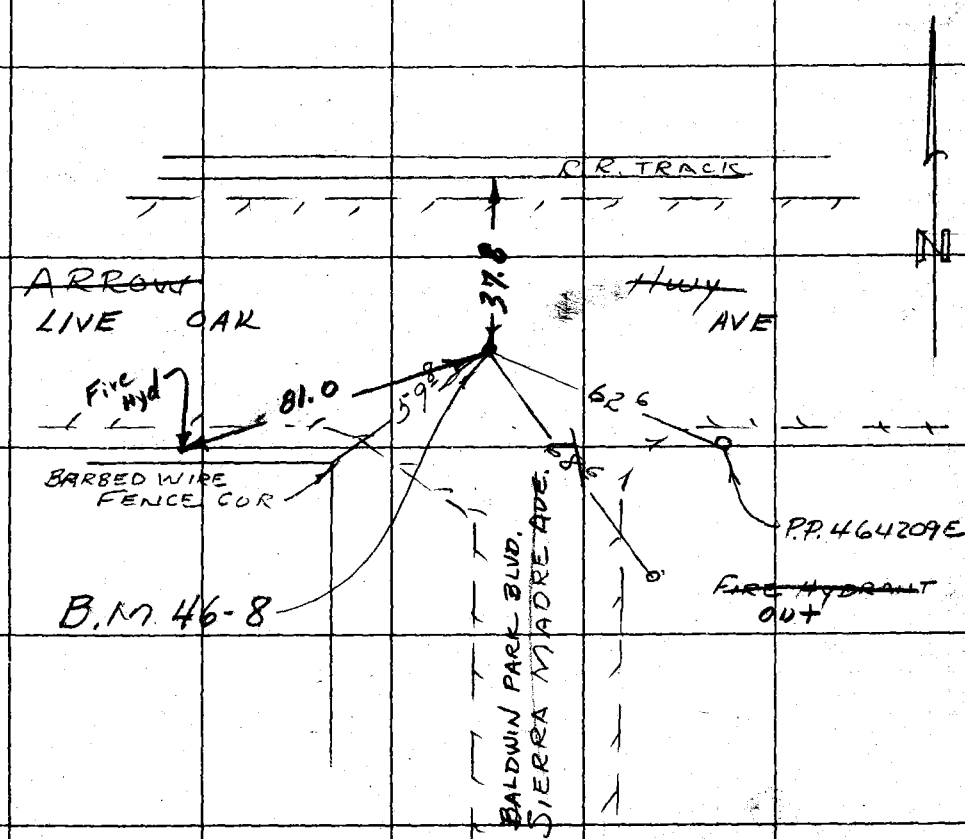
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W.O. P301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-18-55
Date	Indexed A. C. Johnson

F.B. 1367 PG. 163

B.M. 46-8 (AZUSA E-12A)
LIVE OAK AVE BALDWIN PARK BLVD.
~~ARROW HWY~~ AND SIERRA MADRE AVE.,
62.6 FT. N.W. OF POWER POLE # 464209E,
~~68.6~~ 81.0 FT. N.E. OF A FIREHYDRANT AND
59.8 FT N.E. FROM CORNER OF A BARBED
WIRE FENCE, 37.8' S of S rail of R.R. A STANDARD L.A CO. SURVEY
CONTROL TRAVERSE STATION AZUSA E-12A
1953" RE 63 11 INCHES BELOW THE SURFACE AND
PROTECTED BY A CAST IRON COVER LETTERED
"COUNTY SURVEYOR MONUMENT"

FEB 8 July 1963 1952 5 ADJ. ELEV. 417.639



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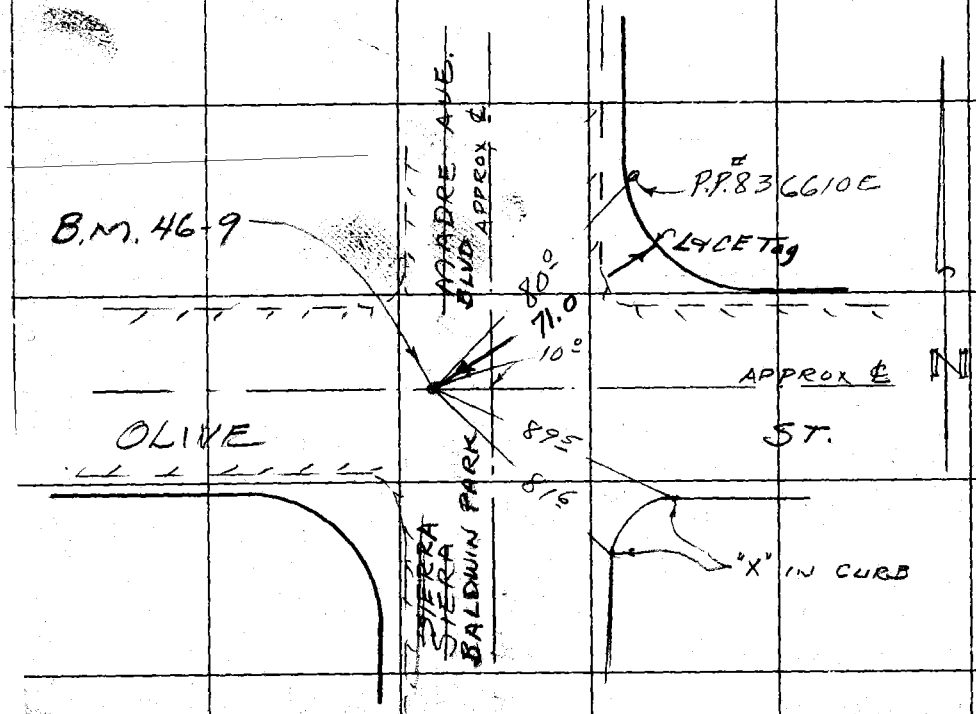
76F3098 247 4-53

F.B. 1367 PG. 164

B.M. 46-9 (AZUSA E-12)
~~SIERRA MADRE~~ BALDWIN PARK BLVD AVE. AND OLIVE ST.,
10 FT. WEST OF APPROX ℄ INTERSECTION,
80.0 FT S.W. OF POWER POLE # 836610E,
89.5 FT N.W OF CROSS NEAR E. END OF
S.E. CURB RETURN AND 81.6 FT N.W. OF
CROSS NEAR S. END OF S.E. CURB RETURN
A STD. "L.A. CO. SURVEY CONTROL TRAVERSE
STATION AZUSA E-12 1953" RE 63 11 INCHES
BELOW THE SURFACE PROTECTED BY A
CAST IRON COVER LETTERED "COUNTY
~~SURVEYOR~~ MONUMENT"
ENGINEER 1953 ADJ. ELEV. 397.838'

71.0' SW of L&CE Tag in N.E.
C.R.
F.E.B. 8 July 1963



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Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of
Office Work	W.O. 0301.02 Tape No. St'd. °F
Checked	Surveyed by G. E. DREIER
Date	Notes G. E. DREIER Date 3-18-55
	Indexed A. C. Johnson

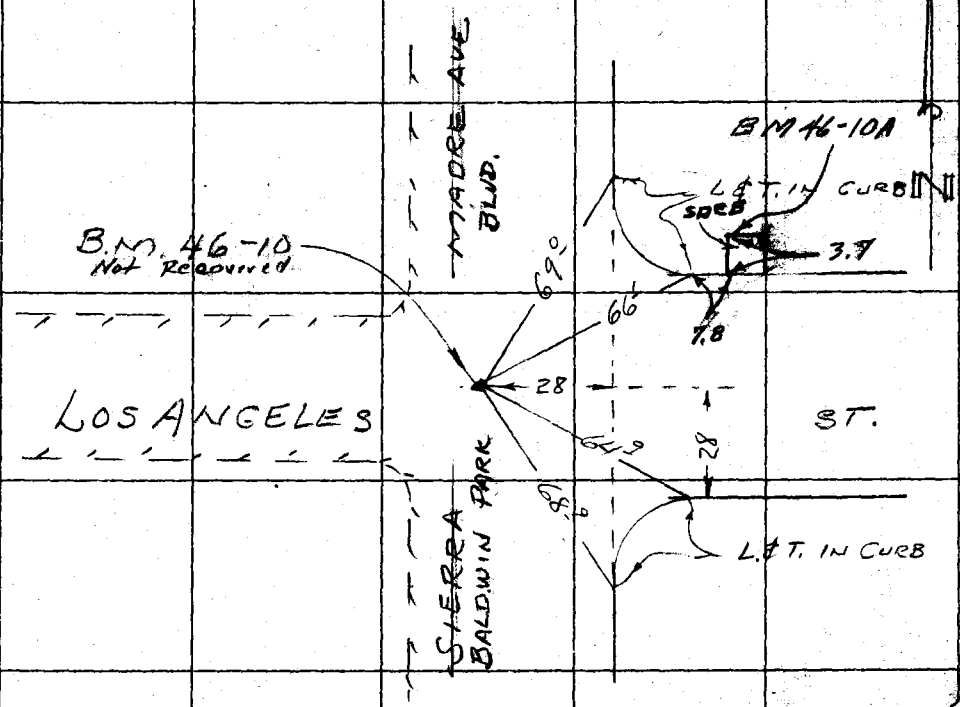
F.B. 1367 Pg. 165

Not recovered 8 July 1963 F.E.B.

B.M. 46-10 (PUENTE E-1)
BALDWIN PARK BLVD.
~~SIERRA MADRE~~ AVE AND LOS ANGELES ST APPROX. ℄ INTERSECTION, 69.0 FT S.W. OF L.&T. NEAR N. END N.E. CURB RETURN AND 68.9 FT. N.W. OF L.&T. NEAR S. END OF S.E. CURB RETURN, A STANDARD "L.A. CO. SURVEY CONTROL TRAVERSE STATION PUENTE E-1 1953" 13 INCHES BELOW THE SURFACE AND PROTECTED BY CAST IRON COVER LETTERED 'COUNTY SURVEYOR MONUMENT'

1952 ADJ. ELEV. 378.542

BM 46-10A
BALDWIN PARK BLVD.
~~SIERRA MADRE AVE~~ and LOS ANGELES ST N.E. Cor.
The mark is a L.A. Co Engr Brass Cap cemented into the NW Cor of a S.D.C.B. 7.8 'E and 3.7 'N of E. end C.R.
The mark is stamped BM 46-10A RE. 5869 1963



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76F3095 247 4-53

F.B. 1367 Pg. 166

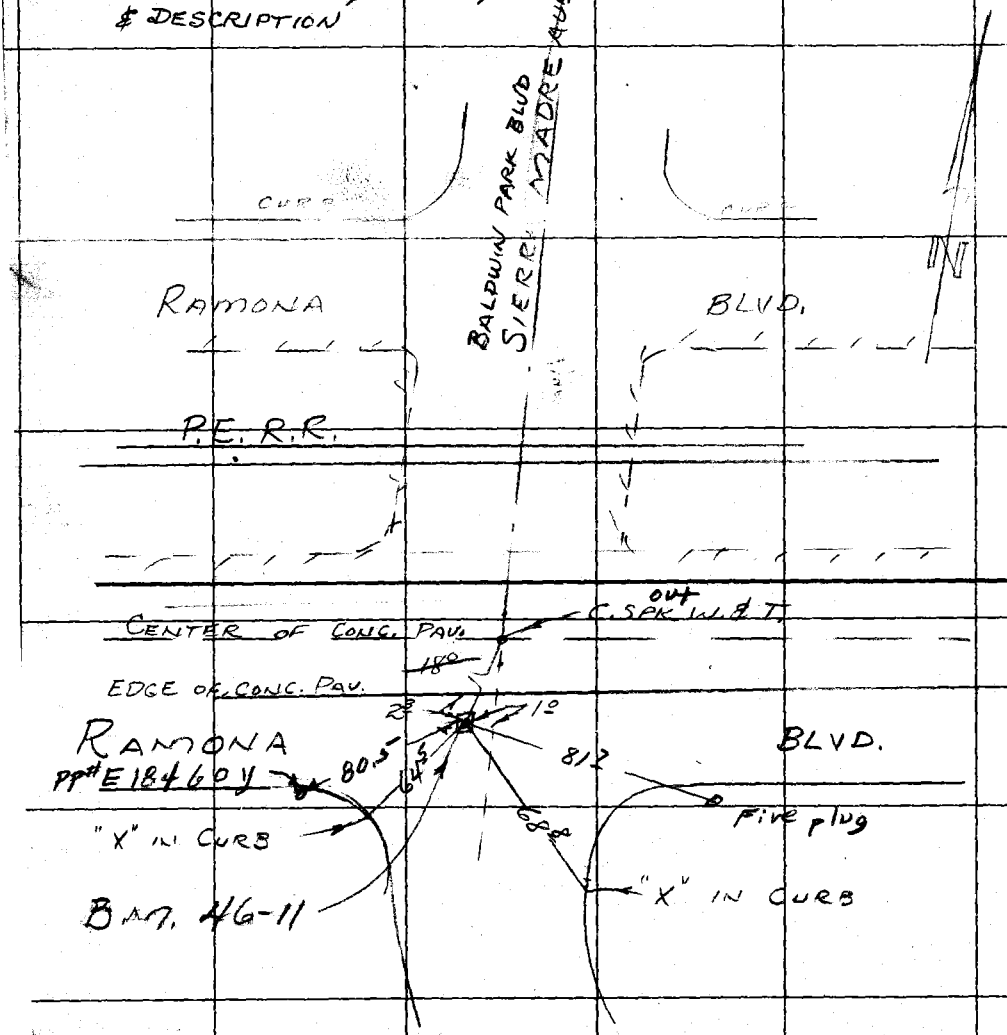
B.M. 46-11 (PUENTE E-2A)

RAMONA ~~BLVD~~ BLVD, SOUTH SIDE, AND BALDWIN PARK ~~SIERRA~~ ~~MADRE~~ BLVD ~~AVE~~, 2.3 FT. SOUTH OF THE SOUTH EDGE OF CONCRETE PAVEMENT, 1.0 FT. WEST OF THE S'LY & PROD OF SIERRA MADRE AVE., A STD. "L.A. CO. SURVEY CONTROL TRAVERSE STATION PUENTE E-2A 1952", RE-63 15 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 363.576

F.E.B. 8 July 1963

RECOVERED OK (C.E.D. 9-17-71) SEE F.B. 3713-39 FOR NEW SKETCH & DESCRIPTION



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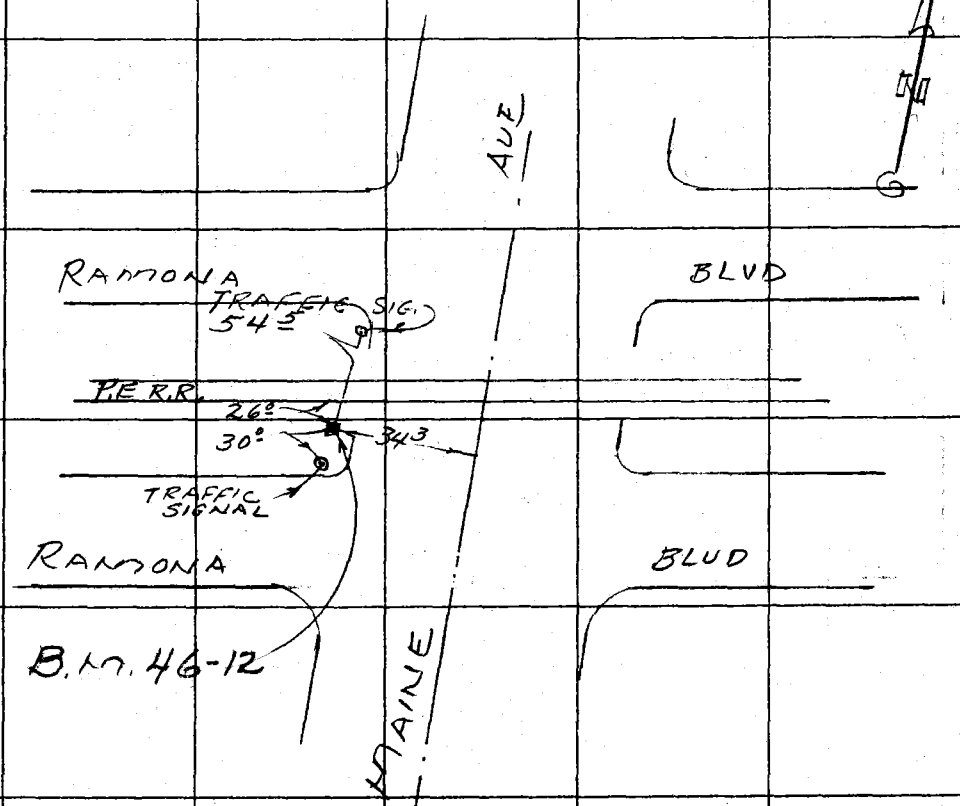
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W.O. 0301.02 Tape No. Sr'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-18-55
Date	Indexed R. C. Johnson

F.B. 1367 Pg. 167

B.M. 46-12 (PUENTE E-2B)
RAMONA BLVD AND MAINE AVE, IN E. END BUS STOP AREA BETWEEN P.E. TRACKS AND RAMONA BLVD. (SOUTH) 34.3 FT. W. OF ℄, 26.0 FT. SOUTH OF SOUTH RAIL, A STANDARD "L.A.CO SURVEY CONTROL TRAVERSE STATION PUENTE E-2B 1954" 11 INCHES BELOW THE SURFACE PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"
1952 ADJ. ELEV= 374.436'

(9-17-71 G.E.D.)
NOT RECOVERED, OBVIOUSLY DESTROYED BY CONSTCUTION OF STREET
SEE F.B. 3713-44 FOR B.M. 46-12A



No. RE# 8 JUN 1963 FEB

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78F3008 247 4-58

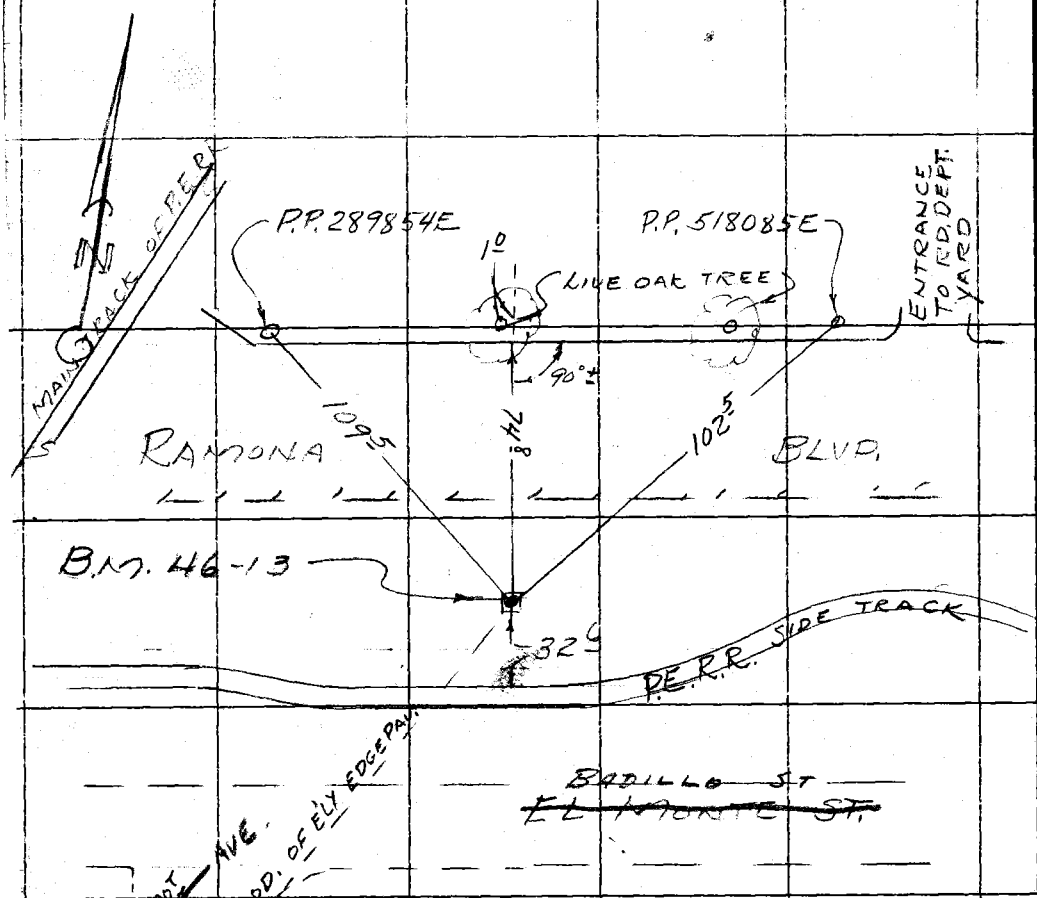
F.B. 1367 PG. 168

B.M. 46-13 (PUENTE F-2)
RAMONA BLVD. AND DEPOT ST, BETWEEN RAMONA BLVD AND P.E.R.R. SIDE TRACK, 32.6 FT NORTH OF NEAR RAIL, ON NORTHERLY PROD. OF E. EDGE OF DEPOT ST. PAVEMENT, 109.5 FT. S.E. OF P.P. #289854E AND 102.5 FT. S.W. OF P.P. 518085E, A STD. "L.A. CO. SURVEY CONTROL TRAVERSE STATION PUENTE F-2 1954" 18 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT."

RE 63

1952.5 ADJ. ELEV. 381.619'

NOT RECOVERED (G.E.D 8-17-71) TIES GONE, SEE F.B. 3713-44 FOR B.M. 46-13A



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

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 3-18-55
Date	Indexed A. C. Johnson

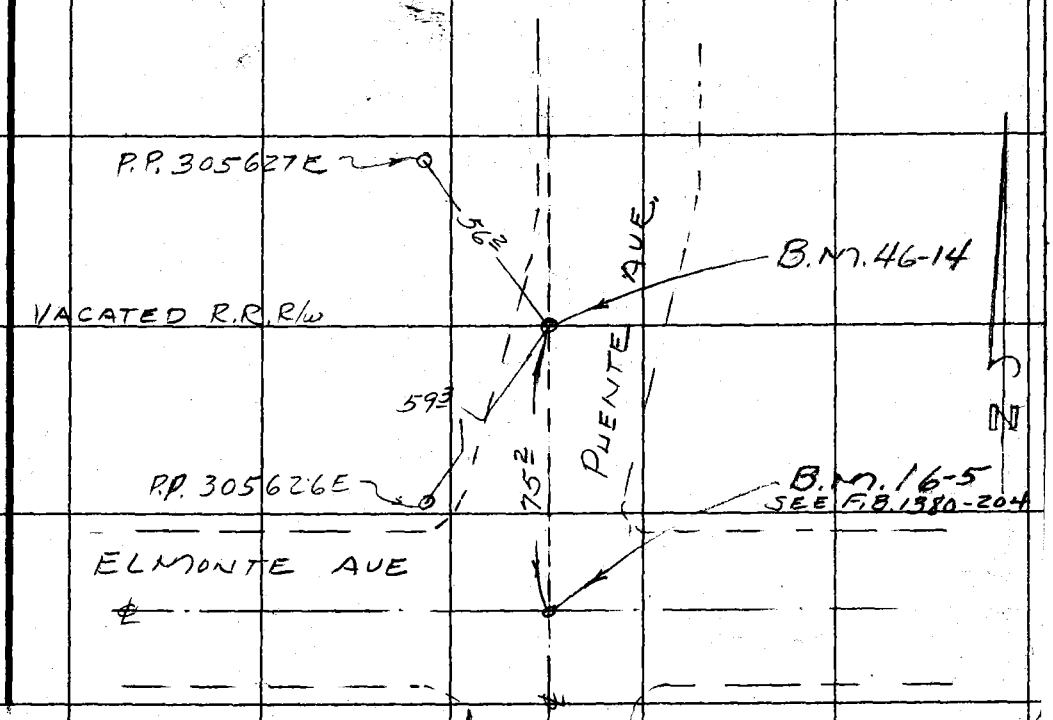
F.B. 1367 Pg. 169

B.M. 46-14 (PUENTE G-2)

PUENTE AVE & EL MONTE AVE., 75.2 FT. NORTH OF ℄ INTERSECTION ON APPROX. ℄ PROD. A STANDARD "L.A. CO. SURVEY CONTROL TRAVERSE STATION PUENTE G-2 1954" IN CONCRETE 8 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1958 ADJ. ELEV. 390.401

Not recovered 8 June 1963 F.E.B.



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RETURN TO
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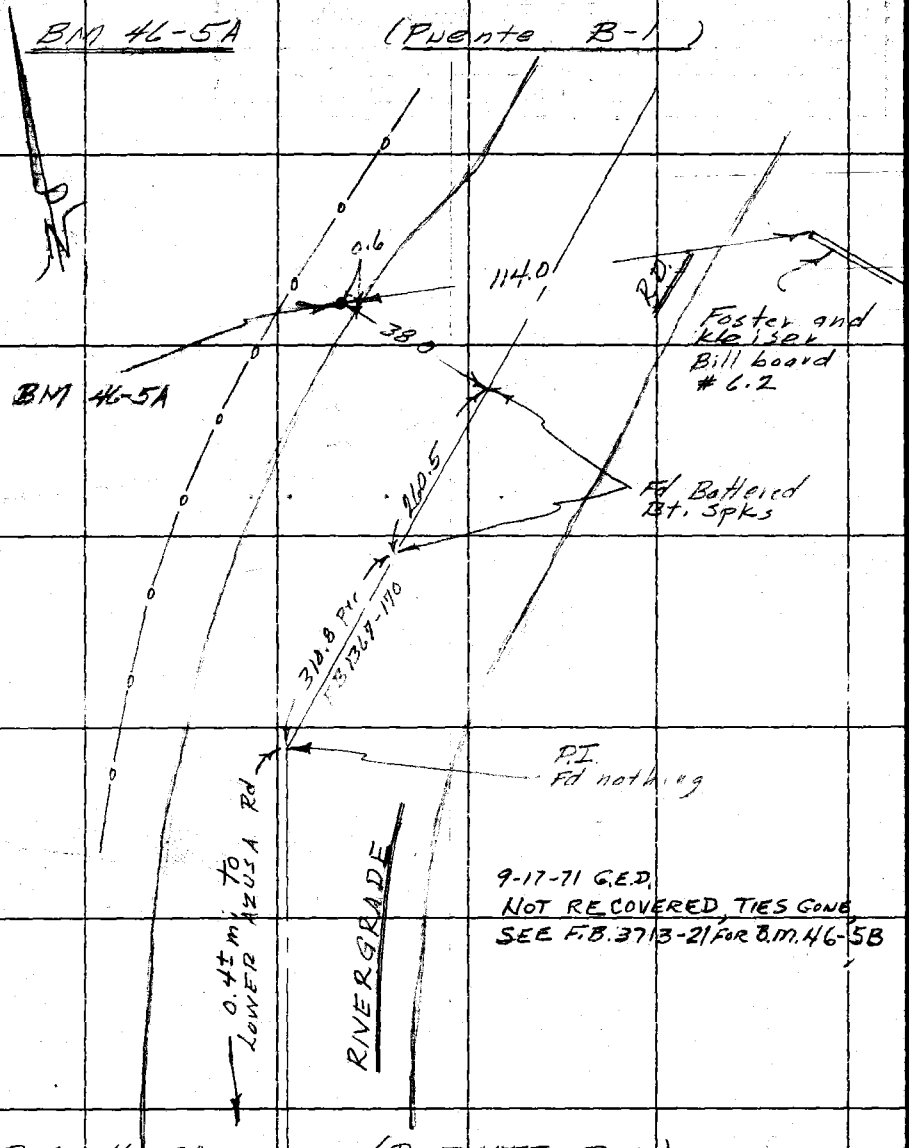
76F3095 247 4-53

F.B. 1367 PG. 170

BM 46-5A (Puente B-1)



9-17-71 G.E.D.
NOT RECOVERED, TIES GONE
SEE F.B. 3713-21 FOR B.M. 46-5B

BM 46-5A (PUENTE B-1)

This mark is on RIVERGRADE RD apox. 0.5 mi NE of LOWER AZUSA RD. The mark is 5713 ft NE of 2nd ~~1st~~ PI. N. of LOWER AZUSA RD (Nothing fd. at P.I.) 38.0 ft W. of a battered Bt spk in Ctr. of Rivergrade Rd. 114.0 ft S.W. of W'ly end of FOSTER & KLEISER BILLBOARD #6.2 0.6 ft W. of W. edge pvmt and 6" below pvmt. A Std. L.A.Co. Survey Control Traverse Stat. stamped PUENTE B-1 1953 RE CJ

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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 8:30 TO 9:15 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-22 To B.M. 37-21
Date 3-10-55
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
	0.781		142		#11	5.422		145		B.M. 37-22 (L.A.Co. RD. DEPT.
	0639		143			5.277		145		GARVEY AVE & S.P. R.R. TRACKS
	0.496		285			5.132		290		SEE F.B. 1380-29
1	1.916	0.639		.285	62°	15.831	5.277		.290	FOR DESCRIPTION
	5.332		204			5.722		203		
	5.128		207			5.519		205		↑ E. LANDA
	4.921		411			5.314		408		
2	15.381	5.127		.696		16.555	5.518		.698	
	7.413		203			4.282		207		
	7.210		206			4.075		205		
	7.004		409			3.870		412		
3	21.627	7.209		1.105		12.227	4.076		1.110	
	4.956		207			4.335		207		
	4.749		206			4.128		206		
	4.543		1413			3.922		413		
4	14.248	4.749		1.518		12.385	4.128		1.523	
	5.473	17.724	203			4.765	15.999	205		
	5.270		205			4.560		205		
	5.065		408			4.355		410		
5	15.808	5.269		1.926		13.680	4.560		1.933	
		22.993					23.559			

F.B. 367 P.G. 121

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 8:30 TO 9:15 Rod No. 11812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-22 To B.M. 37-21
Date 3-16-55
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
	5.606	22.993'	206	1926		4.673	2.559'	205	1933	
	5.400		206			4.468		207		
	5.194		412			4.261		412		
6	16.200'	5.400		2338'		13.402	4.467		2.345	
	6.160		251			5.124		250		B.M. 37-21 (EL MONTE K-5A
	5.909		250			4.874		247		GARVEY AVE & GILMAN RD.
	5.659		501			4.627		497		SEE F.B. 1380-28
7	17.728'	5.909		2839'		14.625	4.875		2.842	FOR DESCRIPTION
										SUMMATION OF RUN
F.B. 1367 P.G. 172										B.M. 37-22 TO B.M. 37-21
										TOTAL BACKSIGHTS - 34.302'
										TOTAL FORESIGHTS - 32.901'
										DIFF IN ELEVATION + 1.401'
		34.302'					32.901'			

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 9:40 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 37-21 To B.M. 37-22
Date 3-10-55
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
	5.124		251		#11	6.159		252		B.M. 37-21 (EL MONTE K-5A)
	4.873		247			5.907		249		GARVEY AVE & GILMAN RD.
	4.626		498			5.658		501		SEE F.B. 1380-28
1	14.623	4.874		498	62°	17.724	5.908		501	FOR DESCRIPTION
	4.143		207			5.077		207		
	3.936		206			4.870		207		TE. LANDA
	3.730		413			4.663		414		
2	11.809	3.936		911		14.610	4.870		915	
	4.760		206			5.466		205		
	4.554		204			5.261		202		
	4.350		410			5.059		407		
3	13.664	4.555		1321		15.786	5.262		1322	
	4.319		207			4.940		205		
	4.112		203			4.735		205		
	3.909		410			4.530		410		
4	12.340	4.113		1731		14.205	4.735		1732	
	3.938		208			7.068		206		
	3.730		207			6.862		204		
	3.523		415			6.658		410		
5	11.191	3.730		2146		20.588	6.863		2142	
		21.208					27.638			

F.B. 1367 PG. 173

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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:15 TO 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-21 To B.M. 37-22
Date 3-10-55
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
	5.701	21.208'	204	2146		5.310	21.638'	207	2142	
	5.497		203			5.103		205		
	5.294		407			4.898		412		
6	16.492'	5.497'		2553		15.311'	5.104		2554	
	5.436		146			0.794		143		B.M. 37-22 (L.A. CO. RD. DEPT.)
	5.290		145			0.651		142		GARVEY AVE & S.P.R.R.
	5.145		291			0.509		285		SEE F.B. 1380-29
7	15.871	5.290'		2844		1.954'	0.651'		2839	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 37-21 TO B.M. 37-22
										TOTAL FORESIGHTS - 33.393'
										TOTAL BACKSIGHTS + 31.995'
										DIFF IN ELEVATION - 1.398'
	31.995'					33.393'				

F.B. 1367 P.G. 174

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: THIN CLOUDS Inst. No. 50010
Notes by: G. E. DREIER Time: 9:30 TO 10:15 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 37-21 To: B.M. 37-20
Date: 3-9-55
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
	7.340		254		#11	6.117		191		B.M. 37-21 (EL MONTE K-5A)
	7.086		254			5.926		189		GARVEY AVE & GILMAN RD.
	6.832		508			5.737		380		SEE F.B. 1380-28
1	21.258	7.086		.508	70°	17.780	5.927		.380	FOR DESCRIPTION
	5.001		207			4.431		206		—
	4.794		205			4.225		205		⊼ E. LANDA
	4.589		412			4.020		411		—
2	14.384	4.795		920		12.676	4.225		.791	SUMMATION OF RUN
	5.500		181			4.717		227		B.M. 37-21 TO B.M. 37-20
	5.319		181			4.490		224		TOTAL BACKSIGHTS +27.532'
	5.138		362			4.266		451		TOTAL FORESIGHTS -24.236'
3	15.957	5.319		1.282		13.473	4.491		1.242	DIFF IN ELEVATION +3.296'
	5.273		127			4.440		133		—
	5.146		127			4.307		134		—
	5.019		254			4.173		267		—
4	15.438	5.146		1.536		12.920	4.307		1.509	
	5.311		124			5.420		134		B.M. 37-20 (EL MONTE L-4)
	5.187		126			5.286		134		GILMAN RD. & FERRIS RD.
	5.061		250			5.152		268		SEE F.B. 1380-27
5	15.559	5.186		1.786		15.858	5.286		1.777	FOR DESCRIPTION
		27.532					24.236			

F.B. 1367 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 G. E. DREIER Time 10:20 TO 11:10 Rod No 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No 030102
From B.M. 37-20 To B.M. 37-21
Date 3-9-55
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
	5.449		130		#11	5.346		130		B.M. 37-20 (EL MONTE L-4)
	5.319		129			5.216		127		GILMAN RD. & FERRIS AVE.
1	5.190		259			5.089		257		SEE F.B. 1380-27
	15.958	5.319		259	71°	15.651	5.217		257	FOR DESCRIPTION
	4.456		131			5.297		133		
	4.325		129			5.164		131		T. E. LANDA
2	4.196		260			5.033		264		
	12.977	4.326		.519		15.494	5.165		.521	
	4.650		205			5.479		206		SUMMATION OF RUN
	4.445		205			5.273		203		B.M. 37-20 TO B.M. 37-21
3	4.240		410			5.070		409		TOTAL BACKSIGHTS +22.508
	13.335	4.445		.929		15.822	5.274		.930	TOTAL FORESIGHTS -25.801
	4.386		206			4.958		208		DIFF. IN ELEVATION -3.293
	4.180		206			4.750		209		
	3.974		412			4.541		417		
4	12.540	4.180		1.341		14.249	4.750		1.348	
	4.444		206			5.618		224		B.M. 37-21 (EL MONTE K-5A)
	4.238		207			5.394		222		GARVEY AVE & GILMAN RD.
5	4.031		413			5.172		446		SEE F.B. 1380-28
	12.713	4.238		1.754		16.184	5.395		1.793	FOR DESCRIPTION
		22.508					25.801			

F.B. 1367 P.G. 176

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 3:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-20 To B.M. 46-1
Date 3-9-55
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
	6.867		166		#11	4.462		162		B.M. 37-20 (EL MONTE L-4)
	6.701		163			4.300		160		GILMAN RD. & FERRIS RD.
	6.538		329			4.140		322		SEE F.B. 1380-27
1	20.106	6.702		329	72°	12.902	4.301		.322	FOR DESCRIPTION
	5.560		168			4.668		168		
	5.392		164			4.500		168		↑ E. LANDA
	5.228		332			4.332		336		
2	16.180	5.393		.661		13.500	4.500		.658	
	5.588		207			4.240		205		
	5.381		203			4.035		204		
	5.178		410			3.831		409		
3	16.147	5.382		1.071		12.106	4.035		1.067	
	6.191		207			7.749		206		
	5.984		205			7.543		203		
	5.779		412			7.340		409		
4	17.954	5.985		1.483		22.632	7.544		1.476	
	2.097		207			5.749		204		
	1.890		204			5.545		204		
	1.686		411			5.341		408		
5	5.673	1.891		1.894		16.635	5.545		1.884	
		25.353					25.925			

F.B. 1367 P.G. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 500.10
Notes by G. E. DREIER Time 1:30 TO 3:10 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 37-20 To BM 46-1
Date 3-9-55
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
	5.499	25.353	206	1.894		4.694	25.325	205	1.884	
	5.293		202			4.489		205		
	5.091		408			4.284		410		
6	15.883	5.294		2.302		13.467	4.489		2.294	
	5.917		206			4.448		207		
	5.711		202			4.241		208		
	5.509		408			4.033		415		
7	17.137	5.712		2.710		12.722	4.241		2.709	
	5.498		207			5.151		203		
	5.291		207			4.948		204		
	5.084		414			4.744		407		
8	15.873	5.291		3.124		14.843	4.948		3.116	
	4.960		206			4.821		205		
	4.754		204			4.616		204		
	4.550		410			4.412		409		
9	14.264	4.755		3.534		13.849	4.616		3.525	
	5.483		204			5.168		208		
	5.279		202			4.960		208		
	5.077		406			4.752		416		
10	15.839	5.280		3.940		14.880	4.960		3.941	
		51.685					49.179			

F.B. 1367 P.G. 178

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 1:30 TO 3:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-20 To B.M. 46-1
Date 3-9-55
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
	5,822	51.685	203	3.940		4597	49,179	205	3.941	
	5,619		204			4,392		204		
	5,415		407			4,188		409		
11	16,856	5.619		4,347		13,177	4,392		4,350	
	7.874		205			2.374		205		
	7.669		206			2.169		207		
	7.463		411			1.962		412		
12	23,006	7.669		4.758		6.505	2.168		4.762	
	7.273		205			3.682		203		
	7.068		203			3.479		207		
	6.865		408			3.272		410		
13	21.206	7.069		5.166		10.433	3.478		5.172	
	6.707		209			4.564		205		B.M. 46-1 (EL MONTE L-3)
	6.498		206			4.359		207		GILMAN RD & SAN BERNARDINO RD
	6.292		415			4.152		412		SEE F.B. 1367-153
14	19.497	6.499		5.581		13.075	4.358		5.584	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 37-20 TO B.M. 46-1
										TOTAL BACKSIGHTS +78.541
										TOTAL FORESIGHTS -63.575
		78.541					63.575			DIFF IN ELEVATION +14.966

F.B. 1367 P.G. 179

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 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. 1367 P.G. 180

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

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 46-1 To: B.M. 37-20
Date: 3-9-55
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
	4.545		208		#11	6.681		208		B.M. 46-1 (ELMONTE L-3)
	4.337		206			6.473		205		GILMAN RD. & SAN BERNARDINO RD.
	4.131		414			6.268		413		SEE F.B. 1367-153
1	13.013	4.338		.414	72°	19.422	6.474		.413	FOR DESCRIPTION
	3.647		207			7.235		206		
	3.440		206			7.029		202		↑ E. LANDA
	3.234		413			6.827		408		
2	10.321	3.440		.827		21.091	7.030		.821	
	2.400		207			7.894		204		
	2.193		205			7.690		201		
	1.988		412			7.489		405		
3	6.581	2.194		1.239		23.073	7.691		1.226	
	4.579		206			5.802		204		
	4.373		203			5.598		205		
	4.170		409			5.393		409		
4	13.122	4.374		1.648		16.793	5.598		1.635	
	5.101		208			5.414		204		
	4.893		205			5.210		200		
	4.688		413			5.010		404		
5	14.682	4.894		2.068		15.634	5.211		2.039	
		19.240					32.004			

F.B. 1367 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 G. E. D. REIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-1 To B.M. 37-20
Date 3-9-55
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
	4.868	19.240	206	2068		5.004	5.204	204	2.039	
	4.662		203			4.800		204		
	4.459		409			4.596		408		
6	13.989	4.663		2.47		14.400	4.800		2.447	
	5.229		205			5.572		208		
	5.024		204			5.364		205		
	4.820		409	79		5.159		413		
7	15.073	5.024		2.88		16.095	5.365		2.860	
	4.477		207			5.942		205		
	4.270		206			5.737		203		
	4.064		413			5.534		408		
8	12.811	4.270		3.29		17.213	5.738		3.268	
	4.676		206			5.481		204		
	4.470		206			5.277		202		
	4.264		412			5.075		406		
9	13.410	4.470		3.70		15.833	5.278		3.674	
	5.791		204			2.138		205		
	5.587		205			1.933		205		
	5.382		409			1.728		410		
10	16.760	5.587		4.11		5.799	1.933		4.084	
		43.254					55.118			

F.B. 1367 P.G. 182

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 1:00 TO 1:30 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-1 To B.M. 37-20
Date 3-9-55
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
	7.750	43.254	208	4.114		6.188	55.118	207	4.084	
	7.542		204			5.981		204		
	7.338		412			5.777		411		
11	22.630	7.543		4.528		17.946	5.982		4.495	
	4.301		204			5.655		207		
	4.097		205			5.448		207		
	3.892		409			5.241		414		
12	12.290	4.097		4.935		16.344	5.448		4.909	
	4.611		171			5.499		165		
	4.440		170			5.334		163		
	4.270		341			5.171		328		
13	13.321	4.440		5.276		16.004	5.335		5.237	
	4.429	4.224	156			6.845	71.883	173		B.M. 37-20 (ELMONTE L-4)
	4.273		154			6.672		172		GILMAN RD. & FERRIS RD.
	4.119		310			6.500		345		SEE F.B. 1380-27
14	12.821	4.274		5.586		20.017	6.672		5.582	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-1 TO B.M. 37-20
										TOTAL BACKSIGHTS + 63.608
										TOTAL FORESIGHTS - 78.555
		63.608					78.555			DIFF IN ELEVATION - 14.947

F.B. 1367 P.G. 183

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 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. 1367 P.G. 184

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: PART CLOUDY Inst. No. 50010
Notes by: G. E. DREIER Time: 8:20 TO 9:45 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 37-20 To: B.M. 46-1
Date: 3-11-55
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
	7.082		163		#11	4.679		161		B.M. 37-20 (EL MONTE L-4)
	6.919		166			4.518		160		GILMAN RD. & FERRIS RD.
	6.753		329			4.358		321		SEE F.B. 1380-27
1	20.754	6.918		.329	64°	13.555	4.518		.321	FOR DESCRIPTION
	5.768		168			4.875		166		
	5.600		168			4.709		168		⊼ E. LANDA
	5.432		336			4.541		334		
2	16.800	5.600		.665		14.125	4.708		.655	
	5.999		207			4.648		205		
	5.792		203			4.443		203		
	5.589		410			4.240		408		
3	17.380	5.793		1.075		13.331	4.444		1.063	
	6.436		206			7.997		206		
	6.230		205			7.791		203		
	6.025		411			7.588		409		
4	18.691	6.230		1.486		23.376	7.792		1.472	
	2.350		206			6.001		204		
	2.144		204			5.797		205		
	1.940		410			5.592		409		
5	6.434	2.145		1.896		17.390	5.797		1.881	
		26.686					27.259			

F.B. 1367 P.G. 185

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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NEI
Job No. 0 301.02
From B.M. 37-20 To B.M. 46-1
Date 3-11-55
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
	5752	26.686	204	1.896		4.949	27259	205	1.881	
	5.548		205			4.744		204		
	5.343		409			4.540		409		
6	16.643	5.548		2.305		14.233	4.744		2.290	
	6.219		206			4.747		206		
	6 013		203			4.541		203		
	5.810		409			4.338		409		
7	18.042	6.014		2.714		13.626	4.542		2.699	
	5.797		208			5.451		204		
	5.589		207			5.247		203		
	5.382		415			5.044		407		
8	16.768	5.589		3.129		15.742	5.247		3.106	
	5.017		207			4.878		206		
	4.810		204			4.672		202		
	4.606		411			4.470		408		
9	14.433	4.811		3.540		14.020	4.673		3.514	
	5.631	28.648	205			5.318	40165	211		
	5.426		201			5.107		207		
	5.225		406			4.900		418		
10	16282	5.427		3.946		15325	5.108		3.932	
		54.075					51.573			

F.B. 367 P.G. 186

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:20 TO 9:45 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 37-20 To B.M. 46-1
Date 3-11-55
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
	5.790	4.075	203	3.946		4.561	1.573	203	3.932	
	5.587		205			4.358		205		
	5.382		408			4.153		408		
11	16.759	5.586		4.354		13.072	4.357		4.340	
	7.736		203			2.246		210		
	7.533		200			2.036		210		
	7.333		408			1.826		420		
12	22.602	7.534		4.757		6.108	2.036		4.760	
	7.185		205			3.595		205		
	6.980		201			3.390		205		
	6.779		406			3.185		410		
13	20.944	6.981		5.163		10.170	3.390		5.170	
	7.209		206			5.072		203		B.M. 46-1 (EL MONTE L-3)
	7.003		203			4.869		204		GILMAN RD. & SAN BERNARDINO
	6.800		409			4.665		407		SEE F.B. 1367-153
14	21.012	7.004		5.572		14.606	4.869		5.577	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 37-20 TO B.M. 46-1
										TOTAL BACKSIGHTS +81.180
										TOTAL FORESIGHTS -66.225
	81.180					66.225				DIFF IN ELEVATION +14.955

R.F.B. 1367 P.G. 187

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather 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. 1367 P.G. 188

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

Name L.A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 46-1 To B.M. 37-26
Date 3-11-55
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
	4530		208		#11	6,668		208		B.M. 46-1 (EL MONTE L-3)
	4,322		204			6,460		206		GILMAN RD. & SAN BERNARDINO RD
	4,118		412			6,254		414		SEE F.B. 1367 - 153
1	12,970	4.323		412	62°	19,382	6,461		414	FOR DESCRIPTION
	3,512		208			7,104		205		—
	3,304		204			6,899		202		π E. LANDA
	3,100		412			6,697		407		—
2	9,916	3.305		.824		20,700	6,900		.821	
	2,292		204			7,791		205		—
	2,088		207			7,586		205		—
	1,881		411			7,381		410		—
3	6,261	2.087		1,235		22,758	7,586		1,231	
	4,512		203			5,740		205		—
	4,309		205			5,535		203		—
	4,104		408			5,332		408		—
4	12,925	4.308		1,643		16,607	5,536		1,639	
	5100	4.023	209			5,418	26.483	206		—
	4,891		208			5,212		202		—
	4,683		417			5,010		408		—
5	14,674	4,891		2,060		15,640	5,213		2047	
		18,914					31,696			

F.B. 1367 P.G. 189

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 9:45 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-1 To B.M. 37-20
Date 3-11-55
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
	4.897	4.914	206	2.060		5.035	5.696	205	2.047	
	4.691		203			4.830		204		
	4.488		409			4.626		409		
6	14.076	4.692		2.469		14.491	4.830		2.456	
	5.725		205			6.070		208		
	5.520		201			5.862		205		
	5.319		406			5.657		413		
7	16.564	5.521		2.875		17.589	5.863		2.869	
	4.698		207			6.168		206		
	4.491		205			5.962		203		
	4.286		412			5.759		409		
8	13.475	4.492		3.287		17.889	5.963		3.278	
	4.966		206			5.770		205		
	4.760		203			5.565		204		
	4.557		409			5.361		409		
9	14.283	4.761		3.696		16.696	5.565		3.687	
	6.070		205			2.420		207		
	5.865		204			2.213		203		
	5.661		409			2.010		410		
10	17.596	5.865		4.105		6.643	2.214		4.097	
		44.245					56.131			

F.B. 1367 P.G. 190

76P526 S & E #379 1-54

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY 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. 46-1 To B.M. 37-20
Date 3-11-55
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
	8.070	44.245	207	4.105		6.510	56.131	208	4.097	
	7.863		204			6.302		204		
	7.659		411			6.098		412		
11	23.592	7.864		4.516		18.910	6.303		4.509	
	4.730		204			6.081		205		
	4.526		205			5.876		206		
	4.321		409			5.670		411		
12	13.577	4.526		4.925		17.627	5.876		4.920	
	4.930		169			5.821		167		
	4.761		167			5.654		166		
	4.594		336			5.488		333		
13	14.285	4.762		5.261		16.963	5.654		5.253	
	4.701	4.397	160			7.105	73.964	165		B.M. 37-20 (ELMONTE L-4)
	4.541		161			6.940		162		GILMAN RD. & FERRIS RD.
	4.380		321			6.778		327		SEE F.B. 1380-27
14	13.622	4.541		5.582		20.823	6.941		5.580	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-1 TO B.M. 37-20
										TOTAL BACKSIGHTS +65.938
										TOTAL FORESIGHTS -80.905
		65.938					80.905			DIFF IN ELEVATION -14.967

F.B. 1367 P.G. 191

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. 1367 P.G. 192										

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-1 To B.M. 46-2
Date 3-10-55
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
	6.365		205		#11	10.882		206		B.M. 46-1 (EL MONTE L-3)
	6.160		202			10.676		208		GILMAN RD. & SAN BERNARDINO RD
	5.958		407			10.468		414		SEE F.B. 1367-155
1	18.483	6.161		.407	65°	32.026	10.675		.414	FOR DESCRIPTION
	1.209		149			8.181		146		
	1.060		147			8.035		146		π E. LANDA
	0.913		296			7.889		292		
2	3.182	1.061		.703		24.105	8.035		.706	
	3.640		205			5.040		203		
	3.435		205			4.837		203		
	3.230		410			4.634		406		
3	10.305	3.435		1.113		14.511	4.837		1.112	
	5.734		205			3.976		207		
	5.529		206			3.769		205		
	5.323		411			3.564		412		
4	16.586	5.529		1.524		11.309	3.770		1.524	
	6.470		178			3.912		175		
	6.292		174			3.737		176		
	6.118		352			3.561		351		
5	18.880	6.293		1.876		11.210	3.737		1.875	
		22.479					31.054			

F.B. 1367 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:10 TO 1:50 Rod No 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-1 To B.M. 46-2
Date 3-10-55
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
	7.513	22.479	136	1.876		2.400	31.054	134	1.875	
	7.377		136			2.266		135		
	7.241		272			2.131		269		
6	22.131	7.377		2.148		6.797	2.266		2.144	
	10.481		131			2.848		070		B.M. 46-2 (PUENTE A-3 1953)
	10.350		131			2.778		068		SAN BERNARDINO CO. & RIVER CO. RD.
	10.219		262			2.709		138		SEE F.B. 1367-154 & 155
7	31.050	10.350		2.410		8.335	2.778		2.288	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-1 TO B.M. 46-2
										TOTAL BACKSIGHTS +40.206
										TOTAL FORESIGHTS 36.098
										DIFF IN ELE +4.108
		40.206					36.098			

F.B. 1367 P.G. 194

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50016
Notes by G. E. DREIER Time 10:50 TO 11:10 Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 46-2 To B.M. 461
Date 3-10-55
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
	2.818		069		#11	8.678		074		B.M. 46-2 (PUENTE A-3)
	2.749		070			8.604		073		SAN BERNARDINO RD. & RIVER GR. RD.
	2.679		139			8.531		147		SEE F.B. 1367-154 & 155
1	8.246	2.749		139	64°	25.813	8.604		147	FOR DESCRIPTION
	1.319		166			8.144		165		
	1.153		162			7.979		167		T. E. LANDA
	0.991		328			7.812		332		
2	3.463	1.154		.467		23.935	7.978		.479	
	3.902		174			6.460		176		
	3.728		175			6.284		174		
	3.553		349			6.110		350		
3	11.183	3.728		.816		18.854	6.285		.829	
	3.989		206			5.748		208		
	3.783		204			5.542		202		
	3.579		410			5.340		410 08		
4	11.351	3.784		1.226		16.630	5.543		1.238	
	5.019		205			3.616		205		
	4.814		203			3.411		206		
	4.611		408			3.205		411		
5	14.444	4.815		1.634		10.232	3.411		1.654 48	
		16.230					31.821			

F.B. 1367 P.G. 185

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 10:50 TO 11:10 Rod No. 11812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 46-2 To B.M. 46-1
Date 3-10-55
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
	8.159	16.230	148	1.634		1.190	21.821	148	1.650	
	8.011		148			1.042		145	48	
	7.863		296			0.897		293		
6	24.033	8.011		1.930		3.129	1.043		1.948	
	10.676		205			6.162		205		B.M. 46-1 (ELMONTE L-3)
	10.471		203			5.957		206		GILMAN RD. & SAN BERNARDINO RD.
	10.268		408			5.751		411		SEE F.B. 1367-153
7	31.415	10.472		2.338		17.870	5.957		2.354	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-2 TO B.M. 46-1
										TOTAL BACKSIGHTS + 34.713'
										TOTAL FORESIGHTS − 38.821'
										DIFF IN ELEVATION − 4.108'
		34.713					38.821			

F.B. 1367 P.G. 196

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by E. Landa Time 8:45 To 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-2 To B.M. 46-3A
Date 3-14-55
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
	6755		144		#11	9998		143		B.M. 46-2 (Puente A-3 1953)
	6611		143			9855		143		San Bernadino Rd & River Gd. Rd.
	6468		287			9712		286		See F.B. 1367-154 & 155
1	19834	6.611		287	60°	29565	9.855		286	for description
	1995		173			9762		181		
	1822		170			9581		181		✱ G.E. Dreier
	1652		343			9400		362		
2	5469	1.823		630		28743	9.581		648	
	4471		142			3442		143		-22.736
	4329		143			3299		141		+12.763
	4186		285			3158		284		-9.973
3	12986	4.329		915		9899	3.300		932	
		12.763					22.736			B.M. 46-2A
										Tower #110-5
										See F.B. 1367-154 & 155
										for description
	4870		206			4583		205		
	4664		205			4378		203		
	4459		411			4175		408		
4	13993	4.664		1326		13136	4.379		1340	
		17.427					27.115			

F.B. 1367 P.G. 197

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: Hazy Inst. No.: 50010
Notes by: E. Lorda Time: 8:45 To 10:00 Rod No.: 11 & 12

Name: C.A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 46-2 To: B.M. 46-3A
Date: 3-14-55
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
	5947	17.427	208	1326		4719	27.115	207	1340	
	5739		207			4512		203		
	5532		415			4309		410		
5	17218	5.739		1741		13540	4.513		1750	
	5385		202			4152		209		
	5183		201			3923		211		
	4982		403			3712		420		
6	15550	5.183		2144		11767	3.922		2170	
	5978		220			3691		214		39.027
	5758		220			3477		215		34.107
	5538		440			3262		429		− 4.920
7	17274	5.758		2584		10430	3.477		2599	− 9.973
		34.107					39.027			+ 5.053
										B.M. 46-2B
										Tower #110-4
										See F.B. 1367-154 & 155
F.B. 1367 P.G. 198										for descriptions
	4278		136			5006		142		
	4142		133			4864		141		
	4009		269			4723		283		
8	12429	4.143		2853		14593	4.864		2882	
		38.250					43.991			

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Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by E. Lande Time 8:45 To 10:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-2 To B.M. 46-3A
Date 3-14-55
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
	5586	38.260	170	2853		4632	43.891	170	2882	
	5416		170			4462		166		
	5246		340			4296		336		
9	16248	5.416		3193		15390	4.463		3218	
	6003		268			5129		228		
	5735		269			4901		224		
	5466		537			4677		452		
10	17204	5.735		3730		14707	4.902		3670	
	6273		234			2693		280		- 55.669
	6039		232			2413		280		+ 55.441
	5807		466			2133		560		- 0.228
11	18119	6.040		4196		7239	2.413		4230	- 4.920
										+ 4.692
		55.441					55.669			B.M. 46-2C
										Tower # 110-3
										See F.B. 1367-154 & 155
										for description
	5582		220			4493		192		
	5362		219			4301		189		
	5143		439			4112		381		
12	16087	5.362		4635		12906	4.302		4611	
		60.803					59.971			

F.B. 1367 P.G. 199

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Chief of Party G. E. DIKEIER Weather Hazy Inst. No. 50010
Notes by E. Lander Time 8:45 To 10:00 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-2 To B.M. 46-3A
Date 3-14-55
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
	5818	60.803	187	4635		5253	52.971	188	4611	Summation of Run
	5631		186			5065		187		Total Backsights = + 79.824
	5445		373			4878		375		Total Foresights = - 74.360
13	16894	5.631		5008		15196	5.065		4986	Diff. in Elev = + 5.464
	6547		246			3064		199	B.M.	46-2 To B.M. 46-2A = -9.973
	6301		243			2865		198	"	46-2A To " 46-2B = +5.053
	6058		489			2667		397	"	46-2B To " 46-2C = +4.692
14	18906	6.302		5497		8596	2.865		5383	46-2C To " 46-3 = +5.063
		72.736					67.901			46-3 To " 46-3A = +0.629
										B.M. 46-3 (Puente A-2)
										See F.B. 1367-156 & 157
										for description
	7284		196			6680		222		B.M. 46-3A
	7088		197			6458		220		Tower # 110-2
	6891		393			6238		442		See F.B. 1367-156 & 157
15	21263	7.088		5890	71°	19376	6.459		5825	for description
										+ 7.088
										- 6.459
										+ 0.629
		79.824					74.360			

F.B. 1367 P.G. 200

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Chief of Party G. E. DREIER Weather Part Cloudy Inst. No. 50010
Notes by E. Lande Time 11:15 To 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-3A To B.M. 46-2
Date 3-11-55
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
	5926		204		#11	6565		214		B.M. 46-3A
	5722		205			6349		212		Tower # 110-2
	5517		409			6137		426		See F.B. 1367-156 & 157
1	17165	5.722		409	62°	19049	6.350		426	for description
										B.M. 46-3 (Puente A-2)
										S.E. of Tower No. 110-2
										See F.B. 1367-156 & 157
										for description
	2798		200			6280		241		
	2598		200			6039		239		⊼ F.E. Dreier
	2398		400			5800		480		
2	7794	2.598		809		18119	6.040		906	
	5211		188			5778		189		-23.368
	5023		185			5589		186		+17.671
	4838		373			5403		375		-5.697
3	15072	5.024		1182		16770	5.590		1281	-0.628
										-5.069
	4539		211			5587		199		B.M. 46-2C Tower No. 110-3
	4328		215			5388		199		See F.B. 1367-154 & 155
	4113		426			5189		398		for description
4	12980	4.327		1608		16164	5.388		1679	
		17.671					23.368			

F.B. 1367 P.G. 201

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 Part Cloudy Inst. No. 50010
Notes by E. Lande Time 11:15 To 3:50 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 46-3A To B.M. 46-2
Date 3-11-55
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
	2773	17.671	261	1608		6392	23.368	253	1679	
	2512		260			6139		252		
	2252		521			5887		505		
5	7537	2.512		2129		18418	6.139		2184	
	5553		226			6437		269		
	5327		225			6168		271		
	5102		451			5897		540		
6	15982	5.327		2580		18502	6.167		2724	
	4738		166			5701		172		
	4572		164			5529		170		
	4408		330			5359		342		
7	13718	4.573		2910		16589	5.530		3066	
	5074		152			4322		123		+17.334
	4922		153			4199		121		-22.036
	4769		305			4078		244		-4.702
8	14765	4.922		3215		12599	4.200		3310	
										B.M. 46-2B
										Tower = 110-4
										See F.B. 1367: 154 & 155
										for description
		35.005					45.404			

F.B. 1367 P.G. 202

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 Cloudy Inst. No. 50010
Notes by E. Landa Time 11:15 To 3:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-3A To B.M. 46-2
Date 3-11-5
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
	3217	35.005	426	3215		6758	45.404	411	3310	
	2791		426			6347		410		
	2365		852			5937		821		
9	8373	2.791		4067		19042	6.347		4131	
	4696		207			5911		204		
	4489		207			5707		205		
	4282		414			5502		409		
10	13467	4.489		4481		17120	5.707		4540	
	4553		215			4818		196		- 16.677
	4338		217			4622		192		+ 11.617
	4121		432			4430		388		- 5.060
11	13012	4.337		4913		13870	4.623		4928	
		46.622					62.081			B.M. 46-24
										Tower # 110-5
										See F.B. 1367-154 & 155
										for description
	3459		141			4489		144		
	3318		143			4345		144		
	3175		284			4201		288		
12	9952	3.317		5199		13035	4.345		5216	
		49.939					66.426			

F.B. 1367 P.G. 203

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party **W. E. DREIER** Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 11:15 To 3:30 Rod No. 11 & 12

Name **L.A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 46-3A To B.M. 46-2
Date 3-11-55
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
	8667	8.939	178	5199		0903	6.426	172	5216	
	8489		178			0731		170		
	8311		356			0561		342		
13	2546	8.489		5553		2195	6.732		5558	+ 21.663
										- 11.688
										+ 9.975
	10001		144			6755		144		
	9857		144			6611		143		
	9713		288			6468		1287		
14	2957	9.857		5841		1983	6.611		5845	
										B.M. 46-2 (Pointe A-3) San Bernardino Rd & River Gd. Rd See F.B. 1367-154 & 155 for description
										Summation of Run
										Total Backsights = +68.285'
										Total Foresights = - 73.769'
										Diff. in Elev = - 5.484'
										B.M. 46-3A To B.M. 46-3 = -0.628'
										" 46-3 To " 46-2C = -5.069'
										" 46-2C To " 46-2B = -4.702'
										" 46-2B To " 46-2A = -5.060'
										" 46-2A To " 46-2 = +9.975'
	68.285'					73.769'				

F.B. 1367 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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:55 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-2A To B.M. 46-3
Date 3-22-55
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
	4.944		204		#11	4.658		206		B.M. 46-2A TOWER # 110-5
	4.740		202			4.452		203		SEE F.B. 1367-154 & 155
	4.537		407			4.249		409		FOR DESCRIPTION
1	14.221	4.740		.407	70°	13.359	4.453		.409	
	5.844		204			4.628		210		
	5.640		201			4.418		208		
	5.439		408			4.210		418		
2	16.923	5.641		.817		13.256	4.419		.827	
	5.554		204			4.305		209		
	5.350		203			4.096		206		
	5.147		407			3.890		415		+ 21.303
3	16.051	5.350		1.219		12.291	4.097		1.242	- 16.264
	5.791		220			3.513		219		+ 5.039
	5.571		218			3.294		216		
	5.353		438			3.078		435		
4	16.715	5.572		1.658		9.885	3.295		1.677	
										B.M. 46-2B TOWER # 110-4
										SEE F.B. 1367-154 & 155
										FOR DESCRIPTION
		21.303					16.264			

F.B. 1367 P.G. 205

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 1:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 46-2A To B.M. 46-3
Date 3-22-55
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
	4.172	4.303	133	1.658		4.903	4.264	143	1.677	
	4.039		134			4.760		142		
	3.905		267			4.618		285		
5	12.116	4.039		1.925		14.281	4.760		1.962	
	5.492		181			4.518		160		
	5.311		179			4.358		158		
	5.132		360			4.200		318		
6	15.935	5.312		2.285		13.076	4.359		2.280	
	6.132		248			5.307		252		
	5.884		244			5.055		252		
	5.640		492			4.803		504		
7	17.656	5.885		2.777		15.165	5.055		2.784	
	6.049		255			2.430		264		
	5.794		253			2.166		262		
	5.541		508			1.904		526		
8	17.384	5.795		3.285		6.500	2.167		3.310	
										B.M. 46-2C TOWER #110-3 SEE F.B. 1367-154 & 155 FOR DESCRIPTION
		42.334					32.605			

F.B. 1367 P.G. 206

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 10:45 TO 11:55 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NO. 1
Job No. 0301.02
From: B.M. 46-2A To: B.M. 46-3
Date: 3-22-55
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
	5.435	42.334	223	3.285		4.347	32.605	190	3.310	
	5.212		221			4.157		188		
	4.991		444			3.969		378		
9	15.638	5.213		3.729		12.473	4.158		3.688	
	5.630		181			5.076		196		+ 16.492
	5.449		180			4.880		196		- 11.424
	5.269		361			4.684		392		+ 5.255
10	16.348	5.449		4.090		14.640	4.880		4.080	
	6.049		219			2.618		222		B.M. 46-3 (PUENTE A-2)
	5.830		218			2.396		223		S. OF LOWER AZUSA RD. @
	5.612		437			2.173		445		W. OF RIVER GRADE RD.
11	17.491	5.830		4.521		7.187	2.396		4.525	SEE F.B. 1367-156 & 157 FOR DESC.
		58.826					44.039			SUMMATION OF RUN
										TOTAL BACKSIGHTS = 58.826
										TOTAL FORESIGHTS = 44.039
										DIFF IN ELEVATION 46-2A TO 46-3 + 14.787
										46-2A TO 46-2B + 5.039
										46-2B TO 46-2C + 4.690
										46-2C TO 46-3 + 5.058
		58.826					44.039			

F.B. 1367 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 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. 1367 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: G. E. DREIER Time: 1:00 TO Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 46-3 To: B.M. 46-2A
Date: 3-22-55
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
	2.720		226		#11	6.150		218		B.M. 46-3 (PUENTE A-2)
	2.494		224			5.932		215		S. OF LOWER AZUSA RD & W. OF
	2.270		450			5.717		433		RIVERGRADE RD.
1	7.484	2.495		450		17.799	5.933		433	SEE F.B. 1367-156 & 157 FOR DESC
	5.052		188			5.619		188		
	4.864		188			5.431		187		E. LANDA
2	4.676		376			5.244		375		
	14.592	4.864		826		16.294	5.431		808	
	4.403		208			5.461		203		-16.622
	4.195		205			5.258		204		11.555
	3.990		413			5.054		407		-5.067
3	12.588	4.196		1.239		15.773	5.258		1.215	
	2.573	11.555	261			6.191	16.622	250		B.M. 46-2C TOWER #110-3
	2.312		259			5.937		250		SEE F.B. 1367-154 & 155
	2.053		520			5.687		504		FOR DESCRIPTION
4	6.938	2.313		1.759		17.815	5.938		1.719	
	5.431		252			6.259		246		
	5.179		251			6.013		244		
	4.928		503			5.769		490		
5	15.538	5.179		2.262		18.041	6.014		2.209	
		19.047					28.574			

F.B. 1367 P.G. 209

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 1:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-3 To B.M. 46-2A
Date 3-22-55
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
	4.610	19.047	169	2.262		5.564	28.574	170	2.209	
	4.441		169			5.394		167		
	4.272		338			5.227		337		38.014
6	13.323	4.441		2.600		16.185	5.395		2.546	+ 28.254
										- 9.760
	4.902		136			4.186		141		- 5.067
	4.766		135			4.045		140		- 4.293
	4.631		271			3.905		281		
7	14.299	4.766		2.871		12.136	4.045		2.827	
		28.254					38.014			B.M. 46-2B. TOWER # 110-4 SEE F.B. 1367-154 & 155 FOR DESCRIPTION
	3.713		215			5.996		220		
	3.498		216			5.776		217		
	3.282		431			5.559		437		
8	10.493	3.498		3.302		17.331	5.777		3.264	
	4.529		200			5.796		214		
	4.329		199			5.582		211		
	4.130		399			5.371		425		
9	12.988	4.329		3.701		16.749	5.583		3.689	
		36.081					49.374			

F.B. 1367 P.G. 210

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather 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. 0301.02
From B.M. 46-3 To B.M. 46-2A
Date 3-22-55
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.498	36 081	208	3.701		5.723	49.374	204	3.689	-21445
	4.290		209			5.519		201		+16.395
	4.081		417			5.318		405		-8.050
10	12.869	4.290		4.118		16.560	5.520		4.094	
	4.478		200			4.775		210		B.M. 46-2A TOWER # 110-5
	4.278		199			4.565		209		
	4.079		399			4.356		419		
11	12.835	4.278		4.517		13.696	4.565		4.513	
		10.393					21445			
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +44.649
										TOTAL FORESIGHTS -59.459
							DIFF. IN ELEV.			B.M. 46-3 TO 46-2A -14.810
							"	"	"	" 46-3 TO 46-2C -5.067
										46-2C TO 46-2B -4693
										46-2B TO 46-2A -5.050
										F.B. 1367 PG. 211
		44.649					59.459			

76P526 S & E #379 1-54

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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. 1367 P.G. 212

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 R. Rodriguez Time 9:30 to 3:15 Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-2A To BM 46-2B
Date 3-22-55
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
	4.945		206		#11	4652		206		BM 46-2A, TOWER # 105-5
	4.739		206			4452		205		SEE F.B. 1367-154 & 155
	4533		412			4249		408		FOR DESCRIPTION
1	14217	4.739		412	80°	13358	4453		408	
	5.855		205			4628		208		
	5.650		205			4420		206		↑ E. LAND 2
	5445		410			4214		414		
2	16950	5.650		822		13262	4421		822	
	5.760		207			4504		205		
	5553		204			4299		206		
	5349		411			4093		411		SUMMATION OF RUN
3	16662	5554		1233		12896	4299		1233	BM 46-2A TO BM 46-2B
	5.938		220			3650		213		TOTAL BACKSIGHTS + 21.661
	5.718		217			3437		215		TOTAL FORESIGHTS − 16.609
	5499		439			3222		428		DIFF IN ELEV + 5.052
4	17155	5.718		1672		10309	3.436		1661	
		21.661					16.609			

F.B. 1367 P.G. 213

76P526 S & E #379 1-54

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Chief of Party G.E. Dreier Weather Clear Inst. No. 60012
Notes by R. Rodriguez Time 3:15 to 3:[illegible] Rod No. [illegible]

Name
Job No. 0301-02
From B.M. 46-2C To B.M. 46-3
Date 3-22-55
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
	5.394		207		#11	4.983		207		BM 46-2C TOWER # 110-3
	5.187		206			4.729		204		
	4.981		413'			3.925		411'		
1	15.562	5.187		413	80°	12.390	130		411'	
	5.640		187			5.071		188		⊼ E. LANDA
	5.453		188			4.883		186		
	5.265		375'			4.697		374'		
2	16.358	5.453		788		14.651	384		785'	
	6.085		218			2.651		223		B.M. 46-3 PUENTE A-2
	5.867		216			2.428		222		
	5.651		434'			2.206		445'		SUMMATION OF RUN
3	17.603	5.868		1222		7.285	428		1230	BM 46-2C TO BM 46-3
										TOTAL BACKSIGHTS + 16.508'
										TOTAL FORESIGHTS − 11.442'
										DIFF IN ELEV + 5.066'
				1222					1230	
		16.508'					11.442'			

F.B. 1367 P.G. 214

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 10:30 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-3A To B.M. 46-4
Date 3-14-55
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
	5.132		191		#11	4.078		190		B.M. 46-3A AT TOWER NO.
	4.941		190			3.888		189		110-2 W. OF RIVERGRADE RD.
	4.751		381			3.699		379		SEE F.B. 1367-156 & 157
1	14.824	4.941		381	70°	11.665	3.888		379	FOR DESCRIPTION
	5.191		206			4.619		209		
	4.985		206			4.410		206		π E. LANDA
	4.779		412			4.204		415		
2	14.955	4.985		793		13.233	4.411		794	
	5.801		208			5.101		207		
	5.593		207			4.894		204		
	5.386		415			4.690		411		
3	16.780	5.593		1.208		14.685	4.895		1.205	
	6.628		208			2.075		201		+ 21.939
	6.420		207			1.874		201		- 15.068
	6.213		415			1.673		402		DIFF + 6.871
4	19.261	6.420		1.623		5.622	1.874		1.607	
										B.M. 46-3B TOWER #110-1
										W. OF RIVERGRADE RD.
										SEE F.B. 1367-156 & 157
										FOR DESCRIPTION
		21.939					15.068			

F.B. 1367 P.G. 215

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

Name L.A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 46-3A To B.M. 46-4
Date 3-14-55
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
	4.105	2.939	146	1.623		4.650	4.068	134	1.607	
	3.959		145			4.516		135		
	3.814		291			4.381		269		
5	11.878	3.959		1.914		13.547	4.516		1.876	
	1.236		135			5.594		138		
	1.101		131			5.456		139		
	0.970		266			5.317		277		
6	3.307	1.102		2.180		16.367	5.456		2.153	
	11.438		208			5.037		204		
	11.230		206			4.833		203		
	11.024		414			4.630		407		
7	33.692	11.231		2.594		14.500	4.833		2.560	
	5.969		199			5.468		216		B.M. 46-4 (PUENTE A-1) GR. RD.
	5.770		196			5.252		212		LOWER AZUSA RD. W. OF RIVER
	5.574		395			5.040		428		SEE F.B. 1367 - 158 & 159
8	17.313	5.771		2.989		15.760	5.253		2.988	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 44.002
										TOTAL FORESIGHTS - 35.126
										DIFF IN ELEV. 46-3A TO 46-4 + 8.876
		44.002					35.126			" " " 46-3A TO 46-3B + 6.871
										" " " 46-3B TO 46-4 + 2.005

F.B. 1367 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 HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 11:10 TO 12:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-4 To B.M. 46-3A
Date 3-14
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.438		215		#11	5.940		197		B.M. 46-4 (PUENTE A-1)
	5.223		212			5.743		194		LOWER AZUSA RD. W. OF RIVER GR. RD.
	5.011		427			5.549		391		SEE F.B. 1367-158 & 159
1	15.672	5.224		427	70°	17.232	5.744		391	FOR DESCRIPTION
	4.980		203			11.383		207		—
	4.777		207			11.176		206		—
	4.570		410			10.970		413		π E. LANDA —
2	14.327	4.776		837		33.529	11.176		804	
	5.547		139			1.188		136		—
	5.408		138			1.052		133		—
	5.270		277			0.919		269		—
3	16.225	5.408		1.114		3.159	1.053		1.073	
	4.931		132			4.386		145		—
	11.799		131			4.241		142		—
	4.668		263			4.099		287		—
4.	14.398	4.799		1.377		12.726	4.242		1.360	
										B.M. 46-3B TOWER #110-1
										—
										—
		20.207					22.215			

F.B. 1367 P.G. 217

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:10 TO 11:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-4 To B.M. 46-3A
Date 3-14-55
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
	1.955	20.207	199	1377		6.518	22.215	209	1360	- 22.215
	1.756		198			6.309		212		+ 20.207
	1.558		397			6.097		421		- 2.008
5	5.269	1.756		1.774		18.924	6.308		1781	
	5.160		204			5.864		211		
	4.956		203			5.653		211		
	4.753		407			5.442		422		
6	14.869	4.956		2.181		16.959	5.653		2203	
	4.689		209			5.258		207		
	4.480		206			5.051		204		
	4.274		415			4.847		411		
7	13.443	4.481		2.596		15.156	5.052		2614	
	4.110		192			5.160		189		B.M. 46-3A TOWER # 110-2 RD.
	3.918		189			4.971		189		W. OF RIVERGRADE RD. S. OF LOWER AZUSA
	3.729		381			4.782		378		SEE F.B. 1367-156 & 157 FOR
8	11.757	3.919		2.977		14.913	4.971		2992	DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 35.319
										TOTAL FORESIGHTS - 44.199
										DIFF IN ELEV. B.M. 46-4 TO 46-3A - 8.880
		35.319					44.199			" " " 46-4 TO 46-3B - 2.008
										" " " 46-3B TO 46-3A - 6.872

F.B. 1367 P.G. 218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:45 Rod No. 118 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-4 To B.M. 46-5
Date 3-14-55
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
	5.003		204		#11	1.650		201		B.M. 46-4 (PUENTE A-1)
	4.799		206			1.449		201		LOWER AZUSA RD. W. OF RIVER GR. RD.
	4.593		410			1.248		402		SEE F.B. 1367-158 & 159
1	14.395	4.798		410	64°	4.347	1.449		402	FOR DESCRIPTION
										B.M. 46-4A TOWER # 109-4
										LOWER AZUSA RD. W. OF RIVER GR. RD.
										SEE F.B. 1367-158 & 159
										FOR DESCRIPTION
	4.059		134			5.952		127		⊼ E. LANDA
	3.925		133			5.825		126		+ 4.798
	3.792		267			5.699		253		- 1.449
2	11.776	3.925		677		17.476	5.825		655	+ 3.349
	2.330		333			4.463		332		
	1.997		330			4.131		330		
	1.667		663			3.801		662		
3	5.994	1.998		1.340		12.395	4.132		1.317	
	11.900		280			3.239		277		+17.544
	11.620		276			2.962		275		-12.920
	11.344		556			2.687		552		+ 4.624
4	34.864	11.621		1.896		8.888	2.963		1.869	
		22.342					14.369			

F.B. 1367 P.G. 219

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

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 46-4 To: B.M. 46-5
Date: 3-14-55
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
		22.342		1.896			14.369		1.869	B.M. 46-4B TOWER #109-3 W. OF RIVER GR. RD. N. OF LOWER AZUSA RD. SEE F.B. 1367-158 & 159 FOR DESCRIPTION
	5.472		151			4.250		151		
	5.321		149			4.099		150		
	5.172		300			3.949		301		
5	15.965	5.322		2.196		12.298	4.099		2.170	
	6.069		152			4.720		150		
	5.917		153			4.570		150		
	5.764		305			4.420		300		
6	17.750	5.917		2.501		13.710	4.570		2.470	
	6.690		207			4.197		205		
	6.483		204			3.992		202		
	6.279		411			3.790		407		
7	19.452	6.484		2.912		11.979	3.993		2.877	
	4.859		211			3.241		201		
	4.648		211			3.040		200		
	4.437		422			2.840		401		
8	13.944	4.648		3.334		9.121	3.040		3.278	
		44.713					30.071			

F.B. 1367 P.G. 220

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-4 To B.M. 46-5
Date 3-14-55
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
	6.681	44.713	194	3.334		4.003	30.071	215	3.278	B.M. 46-5 (RD. DEPT 1953)
	6.487		195			3.788		217		RIVER GR. RD. AT P.I. S. OF RD. TO
	6.292		389			3.571		432		GRAHAM BROS. PIT
9	19.460	6.487		3.723		11.362	3.787		3.710	SEE F.B. 1367-160 FOR DESC.
										+ 28.858
										− 19.489
										+ 9.369
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 51.200
										TOTAL FORESIGHTS − 33.858
						DIFF. IN	ELEV.			B.M. 46-4 TO B.M. 46-5 + 17.342
						"	"	"		" 46-4 TO " 46-4A + 3.349
						"	"	"		" 46-4A " " 46-4B + 4.624
						"	"	"		" 46-4B " " 46-5 + 9.369
		51.200					33.858			

F.B. 1367 P.G. 221

76P526 S & E #379 1-54

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

L. A. CO. PRECISE LEVEL NET
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. 1367 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 OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 16:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-5 To B.M. 46-4
Date 3-15-55
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
	4.168		208		#11	6.861		203		B.M. 46-5
	3.960		206			6.658		203		RIVER GR. RD. AT P.I. S. OF RD. TO
	3.754		414			6.455		406		GRANAM BROS. PIT
1	11.882	3.961		.414	60°	19.974	6.658		.406	SEE F.B. 1367-160 FOR DESC.
	3.259		203			4.880		211		
	3.056		201			4.669		211		
	2.855		404			4.458		422		
2	9.170	3.057		.818		14.007	4.669		.828	T. E. LANDA
	4.250		205			6.743		205		
	4.045		203			6.538		202		
	3.842		408			6.336		407		
3	12.137	4.046		1.226		19.617	6.539		1.235	
	4.717		150			6.067		152		+19.921
	4.567		149			5.915		151		-29.292
	4.418		299			5.764		303		-9.371
4	13.702	4.567		1.525		17.746	5.915		1.538	
	4.440		150			5.661		150		B.M. 46-4B. TOWER No. 109-3 AZUSA RD
	4.290		151			5.511		150		W. OF RIVER GR. RD. & N. OF LOWER
	4.139		301			5.361		300		SEE F.B. 1367-158 & 159
5	12.869	4.290		1.826		16.533	5.511		1.838	FOR DESCRIPTION
		19.921					29.292			

F.B. 1367 P.G. 223

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 3.30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 46-5 To: B.M. 46-4
Date: 3-15-55
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
	3.108	19.921	278	1.826		11.774	29.292	278	1.838	- 29.292
	2.830		276			11.496		276		+ 19.921
	2.554		554			11.220		554		- 9.371
6	8.492	2.831		2.380		34.490	11.497		2.392	- 17.555
	4.527		332			2.397		327		+ 12.913
	4.195		332			2.070		327		- 4.642
	3.863		664			1.743		654		SUMMATION OF RUN 091
7	12.585	4.195		3.044		6.210	2.070		3.046	TOTAL BACKSIGHTS + 34.391
										TOTAL FORESIGHTS - 51.447
	6.016		129			4.118		131		DIFF 46-5 TO 46-4 - 17.056
	5.887		130			3.987		129		" 46-5 TO 46-4B - 9.371
	5.757		259			3.858		260		" 46-4B TO 46-4A - 4.642
8	17.660	5.887		3.303		11.963	3.988		3.306	" 46-4A TO 46-4 - 3.343
		~~23.134~~ 32.834					46.847			B.M. 46-4A TOWER #109-4
										LOWER AZUSA RD. N. OF RIVER GR. RD.
										SEE F.B. 1367-158 & 159
										FOR DESCRIPTION
	1.459		202			4.806		206		B.M. 46-4 (PUENTE A-1)
	1.257		203			4.600		205		LOWER AZUSA RD. W. OF RIVER GR. RD.
	1.054		405			4.395		411		SEE F.B. 1367-158 & 159
9	3.770	1.257		3.708		13.801	4.600		3.717	FOR DESCRIPTION
		~~34.391~~ 34.091					51.447			

F.B. 1367 P.G. 224

4.600
1.257
3.343

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 9:45 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-4 To B.M. 46-4A
Date 3-22-55
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
	4.741		204		#11	1.394		203		B.M. 46-4 (PUENTE A-1)
	4.537		206			1.191		201		N. OF LOWER AZUSA RD. & W. OF
	4.331		410			0.990		404		RIVER GR. RD.
1	13.609	4.536				3.575	1.192			SEE F.B. 1367 - 158 & 159 FOR DESC
										B.M. 46-4A 1.8 N. TOWER #109-4
										SEE F.B. 1367 - 158 & 159
	1.309		202		#11	4.659		207		
	1.107		201			4.452		203		
	0.906		403			4.249		410		
1.	3.322	1.107				13.360	4.453			
										B.M. 46-4
										+ 4.536
										- 1.192
										DIFF + 3.344
										- 4.453
										1.107
										DIFF. - 3.346

MEAN DIFF IN ELEV. + 3.345

F.B. 1367 P.G. 225

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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. 1367 PG. 226

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 R. Rodriguez Time 2:40 To 3:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-4A To BM 46-4B
Date 3-21-55
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
	4.426		113		#11	6.245		109		B.M. 46-4A TOWER #109-4
	4.313		112			6.136		107		SEE F.B. 1367-158 & 159
	4.201		225			6.029		216		FOR DESCRIPTION
1	12.940	4.313		225	68°	18.410	6.137		216	
	5.840		115			4.933		114		
	5.725		114			4.819		113		
	5.611		229			4.706		227		
2	17.176	5.725		454		14.458	4.819		443	
	1.590		135			11.370		130		
	1.455		134			11.240		129		
	1.321		269			11.111		259		SUMMATION OF RUN
3	4.366	1.455		723		33.721	11.240		702	B.M. 46-4A TO B.M. 46-4B.
	11.740		193			0.998		189		TOTAL BACKSIGHTS + 31.325
	11.547		190			0.809		189		TOTAL FORESIGHTS − 26.707
	11.357		383			0.620		378		DIFF IN ELEVATION + 4.618
4	34.644	11.548		1106		2.427	0.809		1080	
	8.477		193			3.890		188		B.M. 46-4B. TOWER #109-3
	8.284		192			3.702		187		SEE F.B. 1367-158 & 159
	8.092		385			3.515		375		FOR DESCRIPTION
5	24.853	8.284		1491		11.107	3.702		1455	
		31.325					26.707			

F.B. 1367 P. 227

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 [illegible] Inst. No. 50010
Notes by R. RODRIGUEZ Time 3:10 to 3:45 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 050102
From BM 46-4B To BM 46-4A
Date 3-21-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3889		189			8457		193		BM 46-4B TOWER # 109-3
	3680		188			8264		190		SEE F.B. 1367-158, 159
	3492		367	7		8074		383		FOR DESCRIPTION
1	11041	3680	7	367		24795	8265		383	
	0946		188			11684		192		
	0758		189			11492		190		
	0569		377	5		11302		382		SUMMATION OF RUN
2	2273	0758		744		34478	11493		765	
	11376		131			11596		135		BM 46-4B to BM 46-4A
	11245		129			11461		132		TOTAL BACKSIGHTS + 26.606
	11116		260	0		11329		267		TOTAL FORESIGHTS − 31.226
3	33737	11246	2	1104		43886	11462		1032	DIFF IN ELEV − 4.620
	4966		116			5870		114		
	4850		116			5756		113		
	4735		232	245		5643		227		
4	14551	4850		335		17269	5756		1259	
	6182		111			6861		111		BM 46-4A TOWER # 109-4
	6071		108			6750		110		SEE F.B. 1367-158 & 159
	5963		219	464		6640		221		FOR DESCRIPTION
5	18216	6072		1554		12751	4250		1480	
	26.606					31.226				

F.B. 1367 P.G. 228

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 11:00 TO 12:10 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-5 To B.M. 46-6
Date 3-15-55
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
	6.661		205		#11	3.667		205		B.M. 46-5
	6.456		204			3.462		203		RIVER GR. RD. AT P.I.S. OF RD. TO
	6.252		409			3.259		408		GRAHAM BROS PIT.
1	19.369	6.456		.409	68°	10.388	3.463		.408	SEE F.B. 1367-60 FOR DESC.
	5.505		203			4.406		206		
	5.302		202			4.200		209		⊤ E. LANDA
	5.100		405			3.991		415		
2	15.907	5.302		.814		12.597	4.199		.823	
	5.530		205			4.245		208		
	5.325		205			4.037		207		
	5.120		410			3.830		415		
3	15.975	5.325		1.224		12.112	4.037		.1238	
	6.064		206			3.581		207		
	5.858		206			3.374		204		
	5.652		412			3.170		411		
4	17.574	5.858		.1636		10.125	3.375		.1649	
	6.258		209			3.820		206		
	6.049		206			3.614		204		
	5.843		415			3.410		410		
5	18.150	6.050		.2051		10.844	3.615		.2059	
		28.991					18.689			

F.B. 1367 P.G. 229

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

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 46-5 To B.M. 46-6
Date 3-15-55
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
	5.463	28.991	203	2.051		4.219	4.689	208	2.059	
	5.260		202			4.011		206		
	5.058		405			3.805		414		
6	15.781	5.260		2.456		12.035	4.012		2.473	
	5.427		205			4.347		210		
	5.222		203			4.137		209		
	5.019		408			3.928		419		
7	15.668	5.223		2.864		12.412	4.137		2.892	
	5.430		207			3.679		209		
	5.223		203			3.470		210		
	5.020		410			3.260		419		
8	15.673	5.224		3.274		10.409	3.470		3.317	
	7.172		211			2.916		207		
	6.961		209			2.709		207		
	6.752		420			2.502		414		
9	20.885	6.962		3.694		8.127	2.709		3.725	
	7.284		214			3.215		196		
	7.070		215			3.019		196		
	6.855		429			2.823		392		
10	21.209	7.070		4.123		9.057	3.019		4.117	
		58.730					36.036			

F.B. 1362 P.G. 230

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12:10 Rod No. 11 & 12

L.A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 46-5 To B.M. 46-6
Date 3-15-55
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
	6.347	58.730	207	4.123		4.334	36.036	205	4.119	
	6.140		203			4.129		207		
	5.937		410			3.922		412		
11	18.424	6.141		4.533		12.385	4.128		4.531 29	
	5.740		206			4.263		206		
	5.534		204			4.057		206		
	5.330		410	43		3.851		412	41	
12	16.604	5.535		4.934		12.171	4.057		4.935	SUMMATION OF RUN
	6.190		204			3.585		208		B.M. 46-5 TO B.M. 46-6
	5.986		204			3.377		207		TOTAL BACKSIGHTS + 87.480
	5.782		408	51		3.170		415	56	TOTAL FORESIGHTS -55.430
13	17.958	5.986		5.342		10.132	3.377		5.558	DIFF IN ELEVATION +32.050
	5.970	76.322	153			4.164	27.508	152		
	5.817		150			4.012		152		
	5.667		303	54		3.860		304	0	
14	17.454	5.818		5.645		12.036	4.012		5.662	
	5.404		134			3.957		137		B.M. 46-6
	5.270		135			3.820		136		RIVER GR. RD. AT P.I. S. OF ARROW Hwy
	5.135		269	23		3.684		273	3	SEE F.B. 1367-161
15	15.809	5.270		5.914		11.461	3.820		5.935	FOR DESCRIPTION
		87.480					55.430			

F.B. 1367 P.G. 231

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 NE
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. 1367 P.G. 234

76P526 S & E #379 1-54

PLEASE RETURN TO
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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-6 To B.M. 46-5
Date 3-15-55
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
	3.964		138			5.411		134		B.M. 46-6
	3.826		136			5.277		134		RIVER GR. RD. AT P.I.S. OF ARROW HWY
	3.690		274			5.143		268		SEE F.B. 1367-161
1	11.480	3.827		.274		15.831	5.277		.268	FOR DESCRIPTION
	4.048		154			5.860		152		
	3.894		152			5.708		152		
	3.742		306			5.556		304		T E. LANDA
2	11.684	3.895		.580		17.124	5.708		.572	
	3.483		205			6.093		206		
	3.278		208			5.887		202		
	3.070		413			5.685		408		
3	9.831	3.277		.993		17.665	5.888		.980	
	4.234		207			5.712		205		
	4.027		207			5.507		205		
	3.820		414			5.302		410		
4	12.081	4.027		1.407		16.521	5.507		1.390	
	4.220		206			6.232		206		
	4.014		204			6.026		206		
	3.810		410			5.820		412		
5	12.044	4.015		1.817		18.078	6.026		1.802	
		19.041					28.406			

F.B. 1367 P.G. 233

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 2:00 TO Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-6 To B.M. 46-5
Date 3-15-55
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
	2.925	19.041	205	18 17		6.97	28.466	204	1802	
	2.720		202			6.770		205		
	2.518		407			6.565		409		
6	8.163	2.721		2.224		20.309	6.770		2.211	
	2.891		207			7.149		211		
	2.684		205			6.938		208		
	2.479		412			6.730		419		
7	8.054	2.685		2.636		20.817	6.939		2630	
	3.620		210			5.373		205		
	3.410		210			5.168		206		
	3.200		420			4.962		411		
8	10.230	3.410		3056		15.503	5.168		3041	
	4.350		210			5.430		205		
	4.140		210			5.225		204		
	3.930		420			5.021		409		
9	12.420	4.140		3476		15.676	5.225		3450	
	4.299		208			5.539		202		
	4.091		206			5.337		204		
	3.885		414			5.133		406		
10	12.275	4.092		3890		16.009	5.336		3856	
		36.089					57.844			

F.B. 1367 P.G. 234

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 HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 8:35 Rod No. 11812

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-6 To B.M. 46-5
Date 3-15-55
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
	3.793	36.089	204	3.890		6.231	57.844	207	3.856	
	3.589		207			6.024		205		
	3.382		411			5.819		412		
11	10.764	3.588		4.301		18.074	6.025		4.268	
	3.538		207			6.019		206		
	3.331		205			5.813		204		
	3.126		412			5.609		410		
12	9.995	3.332		4.713		17.441	5.814		4.678	SUMMATION OF RUN
	4.180		208			5.465		205		B.M. 46-6 TO B.M. 46-5
	3.972		207			5.260		202		TOTAL BACKSIGHTS + 54.834
	3.765		415			5.058		407		TOTAL FORESIGHTS - 86.~~898~~
13	11.917	3.972		5.128		15.783	5.261		5.085	DIFF IN ELEVATION - 32.~~074~~ .065
	4.403		202			5.514		209		
	4.201		201			5.305		208		
	4.000		403			5.097		417		
14	12.604	4.201		5.531		15.916	5.305		5.502	
	5.853	51.182	202			6.557	80.249	209		B.M. 46-5
	3.651		200			6.648		207		RIVER GR. RD. AT PI. S. OF RD. TO
	3.451		402			6.441		416		GRAHAM BROS PIT
15	10.955	3.658		5.933		19.946	6.649		5.918	SEE F.B. 1367-160 FOR DESC.
		54.834					86.~~898~~ 898			

F.B. 1367 P.G. 235

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 ..... 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. 1367 P.G. 236

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 R. Rodriguez Time 9:20 To 10:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 46-5 To B.M. 46-6
Date 3-21-55
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	6.846 6.642 6.440 19.928	6.643	204 202 406	406		3.858 3.651 3.448 10.957	3.652	207 203 410	410	B.M. 46-5 RIVER GR. Rd AT P.I.S of Rd TO GRAHAM BROS PIT SEE F.B. 1367-160 FOR DESC
2	5.665 5.442 5.222 16.329	5.443	223 220 [illegible]	8[illegible]		5.280 5.045 4.810 15.135	5.045	235 235 470	1[illegible]0	
		12.086					8.697			B.M. 46-5A (PUENTE B-1)
3	6.304 6.101 5.900 18.305	6.102	203 201 404	12[illegible]3		4.218 4.110 3.901 12.329	4.110	208 209 417	1297	12.086 8.697 +3.389
4	6.144 5.934 5.723 17.801	5.934	210 211 421	1674		3.650 3.451 3.252 10.353	3.451	199 199 398	1695	
		24.122					16.258			

F.B. 1367 P.G. 237

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. 52210
Notes by R. Rodriguez Time 9:20 to 10:55 Rod No. 118.12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301-02
From B.M. 46-5 To B.M. 46-6
Date 3-21-55
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
	6.298	24.128	208	1674		3.861	16.258	206	1695	
	6.090		205			3.655		202		
	5.885		413			3.450		411		
5	18.273	6.091		2087		10.966	3.655		2106	
	5.586		205			4.342		206		
	5.381		202			4.136		206		
	5.179		407			3.930		412		
6	16.146	5.382		2494		12.408	4.136		2518	
	5.411		203			4.337		211		
	5.208		204			4.126		208		
	5.004		407			3.918		419		
7	15.623	5.208		2901		12.381	4.127		2937	
	5.340		203			3.585		210		
	5.137		205			3.375		213		
	4.932		408			3.162		420		
8	15.409	5.136		3309		10.125	3.375		3357	
	7.067		212			2.808		208		
	6.855		209			2.600		208		
	6.646		421			2.395		413		
9	20.568	6.856		3730		7.803	2.601		3770	
		52.795					34.152			

F.B. 1367 P.G. 238

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
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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 R. Rodriguez Time 9:20 to 10:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-5 To BM 46-6
Date 9-21-55
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
	7262	52.793	212	3730		3200	34157	199	3772	
	7050		213			3001		197		
	6837		1125			2804		372		
10	21149	7.050		4155		9005	3.002		4168	
	6292		208			4278		208		
	6084		204			4070		206		
	5788		412			3864		414		
11	18250	6083		4567		12212	4071		4582	
	5661		204			4188		208		
	5457		205			3980		208		
	5252		409			3772		416		
12	16370	5457		4976		11940	3980		4998	
	6065		205			3459		208		
	5860		203			3251		207		
	5657		408			3044		415		
13	17582	5861		5384		9754	3251		5413	
	5928		155			4120		153		
	5773		151			3967		152		
	5622		306			3815		305		
14	17323	5774		5690		11902	3967		5718	
		23020					52423			

F.B. 1367 P.G. 239

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 R. RODRIGUEZ Time 9:20 to 10:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 46-5 To B.M. 46-6
Date 3-21-55
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.658	83.020	136	5690		4.208	82.423	137	5718	B.M. 46-6
	5.522		133			4.071		133		RIVET GRADE AT M.S. OF ARROW HWY
	5.389		269			3.938		270		SEE B.B. 1281-161
15	16.569	5.523		5959		12.217	4.072		5988	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-5 to B.M. 46-6
										TOTAL BACKSIGHTS +88.543
										TOTAL FORESIGHTS -56.495
										DIFF IN ELEV +32.048
		88.543					56.495			

F.B. 1367 P.G. 246

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 R. RODRIGUEZ Time 11:00 TO 12:00 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0501-02
From BM 46-6 To BM 46-5
Date 3-21-55
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
	4.149		136		#11	5.599		136		BM 46-6
	4013		133			5.463		132		RIVER GR. Rd. At P.I.S. of ARROW Hwy
	3880		269			5331		268		SEE F.B. 1367-161
1	12042	4014		269	68°	16393	5.464		268	FOR DESCRIPTION
	3.901		151			5.711		151		
	3750		151			5560		150		E. LAND A.
	3.599		302			5410		301		
2	11250	3750		571		16681	5.560		569	
	3489		209			6096		204		
	3280		207			5892		202		
	3073		416			5690		402		
3	9842	3.280		997		17678	5.893		975	
	4103		208			5.912		206		
	3895		206			5.371		204		
	3689		414			5.167		410		
4	11687	3896		1401		16115	5.372		1385	
	4220		203			6232		205		
	4.017		207			6.029		206		
	3810		410			5821		411		
5	12047	4.016		1811		18080	6.027		1796	
		18956					28316			

F.B. 1367 P.G. 241

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 R. Rodriguez Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM46-6 To BM46-5
Date 3-21-55
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
	3.013	18.956	206	1811		7.059	6.316	207	1796	
	2.807		203			6.852		206		
	2.604		409			6.646		413		
6	8.424	2.808		2220		20.557	6.852		2209	
	2.675		207			6.930		209		
	2.468		208			6.721		207		
	2.260		415			6.514		416		
7	7.403	2.468		2635		20.165	6.722		2625	
	3.629		210			5.430		205		
	3.469		209			5.225		205		
	3.260		419			5.020		410		
8	10.408	3.469		3054		15.675	5.225		3035	
	4.475		213			5.521		206		
	4.262		210			5.348		203		
	4.052		423			5.145		409		
9	12.789	4.263		3477		16.046	5.349		3443	
	4.485		205			5.724		203		
	4.280		208			5.521		203		
	4.072		413			5.318		406		
10	12.837	4.279		3890		16.563	5.521		3849	
		36.243					51.985			

F.B. 1367 P.G. 242

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-6 To BM 46-5
Date 3-21-55
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
	3831	36.243	207	3890		6270	52.985	207	3849	
	3624		204			6063		208		
	3420		411			5855		415		
11	10875	3.625		4301		18188	6.063		4264	
	3882		206			6267		207		
	3376		206			5860		203		
	3170		412			5597		410		
12	10128	3.376		4713		18584	5.861		4674	Summation of SVN
	4241		209			[illegible]		202		BM 46-6 To BM 46-5
	4032		205			6028		201		Total Backsights
	3827		414			5821		403		Total Foresights
13	12100	4.033		5127		18085	6.028		5077	
		47.277					75.937			BM 46-5A (PUENTE B-1)
	5290		232			5680		226		
	5058		232			5454		224		
	4826		464			5230		450		
14	15174	5.058		5591		16364	5.455		5527	
		52.335					81.392			

F.B. 1367 P.G. 243

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 40012
Notes by Time 11:00 to 12:00 Rod No. 11912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-6 To BM 46-5
Date 3-21-55
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
	3.848	52.335	207	5591	#11	[illegible]237	[illegible]392	204	5537	BM 46-5
	3.641		204			[illegible]33		203		RIVERSIDE Rd at P.I.S. of Rd to
	2.437		411			[illegible]30		407		GRAHAM BROS PIT
15	10.926	3.642		6002	68°	19.900	[illegible]33		5934	SEE F.B. 1367-160 FOR DESC
										SUMMATION OF RUN
										BM 46-6 to BM 46-5
										TOTAL BACKSIGHTS = 55.977
										TOTAL FORESIGHTS = 88.025
										DIFF IN ELEV = 32.048

F.B. 1367 P.G. 244

55.977 [illegible]025

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by R. RODRIGUEZ Time 8:15 TO 9:40 Rod No. 11 & 12

Name E. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-6 To B.M. 46-7
Date 3-16-55
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
	6.219		204		#11	3.453		205		B.M. 46-6
	6.015		203			3.248		207		RIVER GRADE RD. AT P.I.S. OF ARROW HWY
	5.812		407			3.041		412		SEE F.B. 1367-161
1	18046	6015		407	52°	9.742	3.247		412	FOR DESCRIPTION
	6.057		204			3.558		205		
	5.851		203			3.353		204		
	5.648		409			3.149		409		⊼ G. E. DREIER
2	17.556	5.852		816		10.060	3.353		821	
	6.293		205			3.657		206		
	6.088		203			3.451		203		
	5.885		408			3.248		409		
3	18.266	6088		1224		10.356	3.452		1230	
	6.047		178			3.750		178		(B.M. 46-7 (AZUSA D-12)
	5.869		178			3.572		175		RIVER GRADE RD. & ARROW HWY
	5.691		356			3.397		353		SEE F.B. 1367-162
4	17.607	5.869		1.580		10.719	3.573		1.583	FOR DESCRIPTION
	6.319		179			3.282		176		SUMMATION OF RUN
	6.140		178			3.106		174		B.M. 46-6 TO B.M. 46-7
	5.962		357			2.932		350		TOTAL BACKSIGHTS +29.964
5	18.421	6140		1.937		9.320	3.107		1.933	TOTAL FORESIGHTS -16.732
		29.964					16.732			DIFF IN ELEVATION +13.232

F.B. 1367 P.G. 245

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by R. RODRIGUEZ Time 8:40 TO 9:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 46-7 To B.M. 46-6
Date 3-16-55
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
	3.342		175		#11	6.322		171		B.M. 46-7 (AZUSA D-12)
	3.167		176			6.198		179		RIVER GRADE RD. & ARROW HWY
	2.991		351			6.019		358		SEE F.B. 1367-162
1.	9.500	3.167		351	54°	18.594	6.198		358	FOR DESCRIPTION
	3.730		179			6.025		176		
	3.551		176			5.849		177		
	3.375		355	.706		5.672		353	.711	
2	10.656	3.552		~~1.006~~		17.546	5.849		~~1.014~~	
	3.528		206			6.162		203		
	3.322		205			5.959		202		
	3.117		411			5.757		405		SUMMATION OF RUN
3	9.967	3.322		1.417		17.878	5.959		1.416	B.M. 46-7 TO B.M. 46-6
	3.511		206			6.009		206		TOTAL BACKSIGHTS 46.689
	3.305		205			5.803		204		" FORESIGHTS - 29.920
	3.100		411			5.599		410		DIFF IN ELEVATION - 13.231
4	9.916	3.305		1.828		17.411	5.803		1.826	
	3.549		206			6.314		204		B.M. 46-6
	3.343		205			6.110		202		RIVERGRADE RD. AT ARROW HWY P.I.S. OF
	3.138		411	1.939		5.908		406	1.932	SEE F.B. 1367-161
5	10.030	3.343		~~2.239~~		18.332	6.111		~~1.232~~	FOR DESCRIPTION
		16.689					29.920			

F.B. 1367 P.G. 246

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Part Cloudy Inst. No. 50010
Notes by R. J. Rodriguez Time 10:15 to 11:05 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-7 To BM 46-8
Date 3-16-55
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
	5.022		204		#11	5.753		204		BM 46-7 (AZUSA D-12)
	4.818		205			5.549		206		RIVER GRADE Rd & ARROW HWY
	4.613		409			5.343		410		SEE F.B. 1367-162
1	14.453	4.818		409	64°	16.645	5.548		410	FOR description
	6.791		243			2.756		244		
	6.548		242			2.512		242		A G. E. DREIER
	6.306		485			2.270		486		
2	19.645	6.548		894		7.538	2.512		896	
	9.062		250			1.722		255		
	8.812		250			1.467		256		
	8.562		~~410~~			1.211		411		
3	26.436	8.812	500	1.394		4.400	1.467	5	1.307	
	2.878		145			5.596		149		
	2.733		142			5.447		148		
	2.591		287			5.299		297		
4	8.202	2.734		1.591		11.342	5.447		1.604	
	6.005		209			4.153		206		
	5.796		209			3.947		208		
	5.587		418			3.739		414		
5	17.388	5.796		2.089		11.839	3.946		2.018	
		28.708					18.920			

F.B. 1367 P.G. 247

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] Weather Partly Cloudy Inst. No. 50010
Notes by R. RODRIGUEZ Time 10:15 To 11:05 Rod No. 11912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-7 To BM 46-8
Date 3-16-55
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
	4.846	28.708	208	2089 9		3.895	18.720	207	2818 1	
	4.638		207			3.688		207		
	4.431		415	514		3.481		414	5	
6	13.915	4.638		2424		11.064	3.688		2832	
	5.478		206			3.291		210		
	5.272		205			3.081		210		
	5.067		411	925		2.871		420	9	
7	15.817	5.272		2835		9.243	3.081		2852	
	6.336		208			4.028		209		
	6.128		209			3.819		208		
	5.919		417	342		3.611		417		
8	18.383	6.128		3252		11.458	3.819		3269	
	7.082		212			3.959		209		
	6.870		211			3.750		207		
	6.659		423	765		3.543		416	7	
9	20.611	6.870		3675		11.252	3.750		3685	
	5.679		142			4.807		147		
	5.537		143			4.660		144		
	5.394		285	4050		4.516		291	40	
10	16.610	5.537		3960		13.983	4.661		3976	
		57.153					37.919			

F.B. 1367 P.G. 248

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 11:05 Rod No 11 & 12

Name L.A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-7 To B.M. 46-8
Date 3-16-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.990	57.153	148	~~3960~~ 4050		4.573	37.919	145	~~3976~~ 40	B.M. 46-8 (AZUSA E-12A)
	4.842		147			4.428		146		ARROW Hwy & SIERRA MADRE AVE
	4.695		295	4345		4.282		291	3	SEE F.B. 1367-163
11	14.527	4.842		~~4255~~		13.283	4.428		4267	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-7 TO B.M. 46-8
										TOTAL BACKSIGHTS = +61.995
										TOTAL FORESIGHTS = -42.347
										DIFF IN ELEVATION = +19.648
										F.B. 1367 PG. 246
		61.995					42.347			

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
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. 1367 P.G. 250

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 R. RODRIGUEZ Time 9:30 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No.
From B.M. 46-8 To BM. 46-7
Date 3-16-55
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
	4559		148		#11	4.972		147		B.M. 46-8 (AZUSA E-12A)
	4411		148			4825		146		ARROW Hwy & SIERRA MADRE AVE
	4263		296			4679		293		SEE F.B. 1367-163
1	8233	4411		296	56°	14476	4.825		293	FOR DESCRIPTION
	4.833		145			5.709		143		
	4688		145			5566		143		T G. E. DREIER
	4543		290			5423		286		
2	14064	4.688		586		16698	5.566		579	
	3997		209			7.114		211		
	3788		209			6903		210		
	3579		418			6693		421		
3	11364	3788		1004		20710	6.903		1000	
	3926		206			6288		208		
	3720		208			6080		209		
	3562		414			5871		417		
4	11308	3.770		1418		18239	6080		1417	
	3491		211			5677		206		
	3280		210			5471		204		
	3070		421			5267		410		
5	9841	3.280		1839		16415	5.472		1827	
		19937					28846			

F.B. 1367 P.G. 251

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: R. E. DREIER Weather: PART CLOUDY Inst. No.: 50010
Notes by: R. RODRIGUEZ Time: 9:30 TO 10:15 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 030102
From: B.M. 46-8 To: B.M. 46-7
Date: 3-16-55
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
	3,963	19937	206	1839		4,911	28846	208	1827	
	3757		206			4,703		206		
	3551		412			4492		414		
6	11271	3.757		2251		14111	4.703		2241	
	4,170		206			6243		211		
	3984		206			5,832		210		
	3778		412			5622		421		
7	11952	3.984		2663		17497	5.832		2662	
	5,770		147			3.057		145		
	5.623		146			2912		144		
	5477		293			2768		289		
8	16870	5.623		2956		8737	2.912		2951	
	2333		254			9.673		250		
	2079		255			9423		248		
	1824		509			9175		498		
9	6236	2.079		3465		28,271	9.424		3449	
	2.788		243			6819		241		
	2,545		242			6578		241		
	2,303		485			6.337		482		
10	7.636	2.545		3973		19734	6.578		3931	
		37.925					58295			

F.B. 1367 PG. 252

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-8 To B.M. 46-7
Date 3-16-55
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
	5.759	37.925	205	3.950		5.026	58.295	203	3.931	B.M. 46-7 (AZUSA D-12)
	5.554		203			4.823		203		RIVERGRADE RD. & ARROW HWY
	5.351		408			4.620		406	4.337	SEE F.B. 1367-162
11	16.664	5.555		4.358		14.469	4.823		406	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-8 TO B.M. 46-7
										TOTAL BACKSIGHTS = 43.480
										TOTAL FORESIGHTS = 63.118
										DIFF IN ELEVATION = 19.638
		43.480					63.118			

F.B. 1367 P.G. 253

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. 1367 P.G. 254										

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 11:05 TO 11:25 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-8 To BM 43-6
Date 3-16-55
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
	6.623		205		#11	5.020		209		BM 46-8 (AZUSA E-12A)
	6418		206			4.811		207		ARROW Hwy & SIERRA MADRE
	6.212		411			4.604		416		SEE F.B. 1367-168
1	19253	6.418		411	65°	14435	4.812		416	FOR DESCRIPTION
	6.011		205			3.439		212		
	5.806		204			3227		212		
	5.602		409			3015		424		G. E. DREIER
2	17419	5.806		820		9681	3.227		840	
	6.978		208			4.570		208		
	6.770		208			4.362		207		
	6.562		416			4155		415		SUMMATION OF RUN
3	20310	6.770		1236		13087	4.362		1255	B.M. 46-8 TO BM 43-6
	6.080		183			4.839		172		TOTAL BACKSIGHTS = + 30.540
	5.897		181			4.667		174		TOTAL FORE SIGHTS = - 20.992
	5.716		364			4493		346		DIFF IN ELEV. = + 9.548
4	17693	5.898		1600		13999	4.666		1601	
	5.823		175			4.700		176		BM 43-6
	5.648		176			3.924		174		ARROW Hwy & MAINE AVE.
	5.472		351			3.750		350		SEE F.B. 1366-12
5	16943	5.648		1951		11774	3.925		1951	FOR DESCRIPTION
		30.540					20.992			

F.B. 1367 P.G. 255

76P526 S & E #379 1-54

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Chief of Party [redacted] E. DREIER Weather CLEAR Inst. No. 50010
Notes by R Rodriguez Time 11:30 To 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-6 To BM 46-8
Date 3-16-55
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
	4.115		176		#11	5.836		175		B.M. 43-6
	3.939		176			5.661		173		ARROW HWY & MAINE AVE
	3.763		352			5.488				SEE F.B 1366-12
1	11.817	3.939		352	65°	16.985	5.662	348	348	FOR DISCRIPTION
	4.854		176			6.090		180		
	4.678		175			5.910		179		
	4.503		351			5.231		359		
2	14.035	4.678		703		17.731	5.910		707	
	4.577		209			6.983		207		
	4.368		207			6.776		207		
	4.161		416			6.569		414		SUMMATION OF RUN
3	13.106	4.369		1119		20.328	6.776		1121	BM 43-6 TO B.M 46-8
	3.397		212			5.971		204		TOTAL BACKSIGHTS = + 20.950
	3.185		212			5.767		204		TOTAL FORESIGHTS = - 30.498
	2.973		424			5.563		408		DIFF IN ELEVATION - 9.548
4	9.555	3.185		1543		17.301	5.767		1529	
	4.989		209			6.588		205		B.M. 46-8 (AZUSA E-12-A)
	4.779		208			6.383		204		ARROW HWY & SIERRA MADRE AVE
	4.571		417			6.179		409		SEE F.B-1366-12
5	14.338	4.779		1960		19.150	6.383		1938	FOR DISCRIPTION
		20.950					30.498			

F.B. 1367 P.G. 256

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. BREIER Weather PARTCLOUDLY Inst. No. 50010
Notes by R. Rodriguez Time 2:50 TO 3:20 Rod No. 11 & 2

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-8 To B.M. 46-9
Date 3-16-55
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
	4.826		206		#11	6.462		203		B.M. 46-8 (AZUSA 6-12-A)
	4.620		207			6.259		202		ARROW HWY & SIERRA MADRE AVE
	4.413		413		60°	6.057		405		SEE F.B. 1367-163
1	13.859	4.620		413		18.778	6.259		405	FOR DESCRIPTION
	3.588		224			7.057		215		
	3.364		222			6.842		211		
	3.142		446			6.631		426		G.E. BREIER
2	10.094	3.365		859		20.530	6.843		831	
	5.114		203			6.232		206		
	4.911		204			6.026		205		
	4.707		407			5.821		411		
3	14.732	4.910		1266		18.079	6.026		1242	
	4.001		206			6.313		205		
	3.795		204			6.108		207		
	3.591		410			5.901		412		
4	11.387	3.796		1676		18.322	6.107		1654	
	4.719		208			6.137		200		
	4.511		208			5.937		200		
	4.303		416			5.737		400		
5	13.533	4.511		2092		17.911	5.937		2054	
		21.202					34.172			

F.B. 1347 PG. 257

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Partcloudy Inst. No. 52010
Notes by R. Rodriguez Time 2:50 To 3:20 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0321.02
From B.M. 46-8 To B.M. 46-9
Date 3-16-55
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
	4.804	21.202	206	2092	#11	6.084	31.172	206	2054	
	4.598		206			5.878		206		
	4.392		412		64°	5.672		412		
6	13.794	4.598		2504		17.634	5.878		2466	
	4.454		207			6.279		206		
	4.247		205			6.073		202		
	4.042		412			5.871		408		
7	12.743	4.248		2916		18.223	6.074		2874	
	4.057		199			6.575		213		SUMMATION OF RUN
	3.858		198			6.362		213		B.M. 46-9 TO B.M. 46-8
	3.660		397			6.149		426		total Backsights + 42.122
8	11.575	3.858		3313		18.086	6.362		3300	total Foresights - 61.913
	4.415		146			6.052		146		DIFF IN ELEV. - 19.791
	4.269		146			5.911		143		
	4.123		292			5.268		289		
9	12.807	4.269		3605		17.736	5.912		3589	
	4.090		143			6.667		152		B.M. 46-9 (AZUSA E-12)
	3.947		144			6.515		151		SIERRA MADRE AVE & Olive St.
	3.803		287			6.364		303		SEE F.B. 1367-164
10	11.840	3.947		3892		19.546	6.515		3892	FOR DISCRIPTION
		42.122					61.913			

F.B. 1367 P.G. 258

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by R. RODRIGUEZ Time 2:15 TO 2:50 Rod No. 11 & 12

Name C.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-9 To B.M. 46-8
Date 3-16-55
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
	6.693		146		#11	4.124		146		B.M. 46-9 (AZUSA E-12)
	6.547		149			3.978		146		SIERRA MADRE AVE & OLIVE ST
	6.398		295			3.832		292		SEE F.B. 1367-164
1	19.638	6.546		295		11.934	3.978		292	FOR DESCRIPTION
	6.122		145			4.478		146		
	5.977		145			4.332		143		↑ G.E. DREIER
	5.832		290			4.189		289		
2	17.931	5.977		585		12.999	4.333		581	
	6.496		206			3.993		206		
	6.290		205			3.787		205		
	6.085		411			3.582		411		
3	18.871	6.290		996		11.362	3.787		992	
	6.213		204			4.389		206		
	6.009		202			4.183		206		
	5.807		406			3.977		412		
4	18.029	6.009		1402		12.549	4.183		1404	
	6.041		206			4.761		204		
	5.835		205			4.557		206		
	5.630		411			4.351		410		
5	17.506	5.835		1813		13.669	4.556		1814	
		30.657					29.837			

F.B. 1367 P.G. 259

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO 2:50 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-9 To B.M. 46-8
Date 3-16-55
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
	6.083	30.657	204	1813	#11	4.658	20.837	204	1814	
	5.879		205			4.454		203		
	5.674		409			4.251		407		
6	17.636	5.879		2222		13.363	4.454		2221	
	6.348		209			4.031		205		
	6.139		207			3.826		205		
	5.932		416			3.621		410		
7	18.419	6.139		2638		11.478	3.826		2631	
	6.196		208			5.077		205		SUMMATION OF RUN
	5.988		207			4.872		201		B.M. 46-9 TO B.M. 46-8
	5.781		415			4.671		406		TOTAL BACKSIGHTS +61.775
8	17.965	5.988		3053		14.620	4.873		3037	TOTAL FORESIGHTS -41.985
	7.128		215			3.661		224		DIFF IN ELEVATION +19.790
	6.913		212			3.437		225		
	6.701		427			3.212		449		
9	20.742	6.914		5480		10.310	3.437		3486	
	6.403		205			4.763		205		B.M. 46-8 (AZUSA E-12A
	6.198		205			4.558		206		ARROW HWY & SIERRA MADRE AVE
	5.993		410			4.352		411		SEE F.B. 1367-163
10	18.594	6.198		3890		13.673	4.558		3897	FOR DESCRIPTION
	61.775					41.985				

F.B. 1367 P.G. 260

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 R. RODRIGUEZ Time 9:25 to 10:00 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M 46-9 To B.M 46-10
Date 3-17-55
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
	4.503		205		#11	6.864		204		B.M 46-9 (AZUSA E-12)
	4.298		205		640	6.660		203		SIERRA MADRE AVE & OLIVE ST.
	4.093		410			6.457		407		SEE F.B. 1367-164
1	12.894	4.298		410		19.981	6.660		407	FOR DESCRIPTION
	3.871		203			5.945		207		
	3.668		203			5.738		207		↑ G.E. DREIER
	3.465		406			5.531		414		
2	11.004	3.668		816		17.214	5.738		821	
	3.691		204			5.570		206		
	3.487		205			5.364		203		
	3.282		409			5.161		409		
3	10.460	3.487		1225		16.095	5.365		1230	
	3.918		206			5.652		204		
	3.712		203			5.448		205		
	3.509		409			5.243		409		
4	11.139	3.713		1634		16.343	5.448		1639	
	4.183		206			6.821		203		
	3.977		206			6.618		203		
	3.771		412			6.415		406		
5	11.931	3.977		2046		19.854	6.618		2045	
		19.143					29.829			

F.B. 1367 P.G. 261

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 9:25 TO 10:00 Rod No. 118 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-9 To BM 46-10
Date 3-17-55
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
	3837	19.143	206	2046		5.913	29.829	203	2045	
	3631		204			5,710		202		
	3427		410			5.508		405		
6	10895	3.632		2456		17131	5.710		2450	
	4,528		205			5.867		209		
	4.323		205			5.658		206		
	4.118		410			5.452		415		
7	12969	4.323		2866		16,977	5.659		2865	
	4.218		205			5.878		208		
	4.013		202			5.670		208		
	3.811		407			5.462		416		
8	12042	4.014		3273		17010	5.670		3281	SUMMATION OF RUN B.M. 46-9 TO B.M. 46-10
	4.352		158			6.257		147		TOTAL BACKSIGHTS +39.337
	4.194		155			6.119		147		TOTAL FORESIGHTS -58.626
	4.039		313			5.963		294		DIFF IN ELEVATION -19.289
9	12585	4.195		3586		18.330	6.110		3573	
	4.182		152			5.804		156		B.M. 46-10 (PUENTE E-1)
	4.030		152			5.648		157		SIERRA MADRE AVE & LOS ANGELES ST.
	3.878		304			5.491		303		SEE F.B. 1367-165
10	12.090	4.030		3.890		16.943	5.648		3.888	FOR DESCRIPTION
		39.337					58.626			

F.B. 1367 P.G. 262

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 R. RODRIGUEZ Time 8:50 to 9:25 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-10 To BM 46-9
Date 3-17-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.659		155		#11	4.040		153		BM 46-10 (PUENTE E-1) ST.
	5.504		153			3.887		155		SIERRA MADRE AVE & LOS ANGELES
	5.351		308		64°	3.732		308		SEE F.B. 1367-165
1.	16.514	5.505		308		11.659	3.886		308	FOR DESCRIPTION
	6.163		157			4.238		147		
	6.006		157			4.091		146		T G.E. DREIER
	5.849		314			3.945		293		
2	18.018	6.006		622		12.274	4.091		601	
	5.788		206			4.131		207		
	5.582		207			3.924		204		
	5.375		413			3.720		411		
3	16.745	5.582		1035		11.775	3.925		1012	
	5.957		206			4.620		204		
	5.751		208			4.416		205		
	5.543		414			4.211		409		
4	17.251	5.750		1449		13.247	4.416		1421	
	5.931		205			3.852		204		
	5.726		204			3.648		203		
	5.522		409			3.445		407		
5.	17.179	5.726		1858		10.945	3.648		1828	
		28.569					19.966			

F.B. 1367 P.G. 263

76P526 S & E #379 1-54

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Chief of Party G. E. DEHLER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 8:50 To 9:25 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-10 To B.M. 46-9
Date 3-17-55
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
	6.641	28.569	203	1858		4.004	19.966	206	1828	
	6.438		206			3.798		207		
	6.232		409			3.591		413		
6	19.311	6.437		2267		11.393	3.798		2241	
	5.738		205			4.009		206		
	5.533		202			3.803		204		
	5.331		407			3.599		410		
7	16.602	5.534		2674		11.411	3.804		2631	
	5.609		205			3.733		205		SUMMATION OF RUN
	5.404		203			3.528		204		B.M. 46-10 TO B.M. 46-9
	5.201		408			3.324		409		TOTAL BACKSIGHTS + 58.110
8	16.214	5.405		3082		10.585	3.528		3060	
	5.831		206			3.757		204		TOTAL FORESIGHTS - 38.828
	5.625		207			3.553		202		DIFF IN ELEVATION + 19.28
	5.418		413			3.351		406		
9	16.874	5.625		3495		10.661	3.554		3466	
	6.743		204			4.383		206		B.M. 46-9 (AZUSA E-12)
	6.539		201			4.177		206		SIERRA MADRE AVE & OLIVE ST.
	6.338		405			3.971		412		SEE F.B. 1367-164
10	19.620	6.540		3900		12.531	4.177		3878	FOR DESCRIPTION
		58.110					38.828			

F.B. 1367 PG. 264

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 10:00 TO 10:30 Rod No. 119 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-10 To BM 46-11
Date 3-17-55
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
	4.901		203			5.505		208		BM 46-10
	4.698		203			5.297		208		SIERRA MADREAUE & LOS ANGELES ST.
	4.495		406			5.089		416		SEE F.B. 1367-165
1	14.094	4.698		406		15.891	5.297		416	FOR DESCRIPTION
	4.457		205			5.453		206		
	4.252		202			5.247		207		G. E. DREIER
	4.050		407			5.040		413		
2	12.759	4.253		813		15.740	5.247		829	
	3.822		203			5.859		206		
	3.619		202			5.653		205		
	3.417		405			5.451		408		
3	10.858	3.619		1218		16.963	5.654		1237	
	3.907		206			5.766		204		
	3.701		205			5.562		202		
	3.496		411			5.360		406		
4	11.104	3.701		1629		16.688	5.563		1643	
	4.024		206			6.222		202		
	3.818		207			6.020		202		
	3.611		415			5.818		404		
5	11.455	3.818		2044		18.060	6.020		2047	
		20089					27.781			

F.B. 1367 P.G. 265

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time [illegible] Rod No. 11812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M.46-10 To B.M.46-11
Date 3-17-55
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
	[illegible]	20.089	[illegible]	2044		[illegible]	[illegible]	[illegible]	2047	
	3.272		[illegible]			6.012		[illegible]		
	3.272		[illegible]			[illegible]		408		
6	9.8[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	
	3.912		211			5.899		213		
	3.701		212			5.686		212		
	3.489		423	78		5.474		425		
7	11.102	3.700		2868		17059	5.686		2880	
	4.086		229			5.784		226		
	3.857		229			5.558		227		
	3.628		458	36		5.331		453		
8	11.571	3.857	8	3324		16.673	5.558		3333	
	6.853		222			7.696		219		B.M.46-11 PUENTE E-2A
	6.631		219			7.477		219		SIERRA MADRE AVE & ~~SAN BERNARDINO RD.~~ RAMONA BLVD
	6.412		441	77		7.258		438		SEE F.B. 1367-166
9	19.896	6.632		3765		22.431	7.477		3771	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M.46-10 TO B.M.46-11
										TOTAL BACKSIGHTS + 37.555
10										TOTAL FORESIGHTS - 52.515
		37.555				52.515				DIFF IN ELEVATION - 14.960

F.B. 1367 PG. 266

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. 50.016
Notes by R. RODRIGUEZ Time 8:15 TO 8:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-11 To B.M. 46-10
Date 3-17-55
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
	7.988		216		#11	7.144		219		B.M. 46-11 (PUENTE E-2A) RAMONA BLVD
	7.772		215			6.925		216		SIERRA MADRE AVE & ~~SAN BERNARDINO RD~~
	7.557		431		52°	6.707		435		SEE F.B. 1367-166
1	23.317	7.772		431		20.776	6.925		435	FOR DESCRIPTION
	5.773		226			4.076		229		↑ G. E. DREIER
	5.547		225			3.847		229		
	5.322		451			3.618		458		
2	16.642	5.547		882		11.541	3.847		893	
	5.890		212			3.906		212		
	5.678		210			3.694		211		
	5.468		422			3.483		423		
3	17.036	5.679		1304		11.083	3.694		1316	
	6.261		205			3.527		206		
	6.056		204			3.321		205		
	5.852		409			3.116		411		
4	18.169	6.056		1713		9.964	3.321		1727	
	6.218		205			4.021		208		
	6.013		201			3.813		206		
	5.812		406			3.607		414		
5	18.043	6.014		2119		11.441	3.814		2141	
		31.068					21.601			

F.B. 1367 P.G. 267

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather Clear Inst. No. 00010
Notes by Rodriguez R Time 8:15 to 8:50 Rod No. 11810

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 46-11 To B.M. 46-10
Date 3-17-55
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
	5.772	31.068	202	2119		3.918	21.601	207	2141	
	5.570		202			3.711		205		
	5.368		404			3.506		412		
6	16.710	5.570		2523		11.135	3.712		2553	
	6.061		204			4.029		202		
	5.857		203			3.822		202		
	5.654		407			3.620		404		
7	17.572	5.857		2930		11.466	3.822		2957	
	5.521		205			4.527		205		
	5.316		205			4.322		205		
	5.111		410			4.117		410		
8	15.948	5.316		3340		12.966	4.322		3367	
	5.541		202			4.948		206		BM 46-10 (Puente E-1)
	5.339		203			4.742		205		Sierra Madre St & L. A. St.
	5.136		405			4.537		411		See F.B. 1367-165
9	16.016	5.339		3745		14.227	4.742		3.778	For Description
									3745	Summation of Run
									3523	B.M. 46-11 to B.M. 46-10
										Total Backsights +53.150
10										Total Foresights −38.199
		53.150					38.199			Diff in Elevation +14.951

F.B. 1367 P.G. 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 CLEAR Inst. No. 50010
Notes by R. Rodriguez Time 8:30 to 9:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-11 To B.M. 46-12
Date 3-17-55
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
	8.812		190		#11	4.058		201		BM. 46-11 (PUENTE E-2A)
	8.622		189		680	3.857		202		SIERRA MADRE AVE. & RAMONA BLVD
	8.433		379			3.655		403		
1	25.867	8.622		379		11.570	3.857		403	SEE F.B. 1367-166 FOR DESC.
	5.817		206			4.254		212		
	5.611		207			4.012		211		G.E. DREIER
	5.403		414			3.801		423		
2	15.831	5.610		793		12.037	4.012		826	
	5.836		226			4.111		232		
	5.610		225			3.879		229		SUMMATION OF RUN
	5.385		451			3.650		461		B.M. 46-11 TO B.M. 46-12
3	16.831	5.610		1244		11.640	3.880		1287	TOTAL BACKSIGHTS + 32.252
	6.311		211			4.428		199		TOTAL FORESIGHTS − 21.385
	6.097		214			4.289		199		DIFF IN ELEVATION + 10.867
	5.883		428			4.090		398		
4	18.291	6.097		1672		12.867	4.289		1685	
	6.520		207			5.549		202		B.M. 46-12 (PUENTE E-2B)
	6.313		206			5.347		203		RAMONA & MAINE AVE.
	6.107		413			5.144		405		SEE F.B. 1367-167
5	18.940	6.313		2085		16.040	5.347		2090	FOR DESCRIPTION
		32.252					21.385			

F.B. 1367 P.G. 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 CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 10:15 TO 10:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 46-12 To B.M. 46-11
Date 3-17-55
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
	5.487		205			6.459		208		B.M. 46-12 (PUENTE E-2B)
	5.282		201			6.251		204		RAMONA BLVD. & MAINE AVE.
	5.081		406			6.047		412		SEE F.B. 1367-167
1	15.850	5.283		406		18.757	252		412	FOR DESCRIPTION
	4.248		204			6.063		211		
	4.044		205			5.852		208		
	3.839		409			5.644		419		
2	12.131	4.044		815		17.559	853		831	
	4.157		233			5.881		224		
	3.924		231			5.657		225		
	3.693		464			5.432		[illegible]		SUMMATION OF RUN
3	11.774	3.925		1279		6.970	[illegible]		[illegible]	B.M. 46-12 TO B.M. 46-11
	4.018		215			[illegible]		[illegible]		TOTAL BACKSIGHTS 20.351
	3.803		212			[illegible]		[illegible]		TOTAL FORESIGHTS 31.229
	3.591		427			[illegible]		[illegible]		DIFF IN ELEVATION -10.878
4	11.412	3.804		1706		19.196	6.399		1697	
	3.479		184			7.237		169		B.M. 46-11 (PUENTE E-2A)
	3.295		183			7.068		169		RAMONA BLVD. & SIERRA MADRE AVE
	3.112		367			6.899		338		SEE F.B. 1367-166
5	9.886	3.295		2073		21.204	7.068		2035	FOR DESCRIPTION
		20.351					31.229			

F.B. 1367 P.G. 270

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 R. Rodriguez Time 2:50 to 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-11 To BM 46-12
Date 3-18-55
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
	7.465		172		#11	2.726		195		B.M. 46-11 (PUENTE E-2A)
	7.293		170			2.531		194		F.B. 1367-166 FOR DESCRIPTION
	2.123		342			2.337		389		SIERRA MADRE AVE. & RAMONA BLVD
1	21.881	7.294		.342	76°	7.594	2.531		.389	
	5.588		206			3.998		214		
	5.382		204			3.784		213		G. E. DREIER
	5.178		410			3.571		427		
2	16.148	5.383		.752		11.353	3.784		.816	
	5.938		226			4.216		232		
	5.712		223			3.983		232		
	5.489		449			3.751		465		SUMMATION OF RUN
3	17.139	5.713		.201		11.950	3.983		1.281	B.M. 46-11 TO B.M. 46-12
	6.322		209			4.512		204		TOTAL BACKSIGHTS + 31.106
	6.113		206			4.308		204		TOTAL FORESIGHTS - 20.241
	5.907		415			4.104		408		DIFF IN ELEVATION + 10.865
4	18.342	6.114		1.616		12.924	4.308		1.689	
	6.807	24.500	205			5.838		203		B.M. 46-12
	6.602		204			5.635		203		RAMONA BLVD. & MAINE AVE.
	6.398		409			5.432		406		SEE F.B. 1367-167
5	19.807	6.602		2.025		16.905	5.635		2.095	FOR DESCRIPTION
		31.106					20.241			

F.B. 1367 P.G. 271

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by R. RODRIGUEZ Time 3:15 to 3:45 Rod No. 11/12

Name
Job No. 0301.02
From B.M. 46-12 To B.M. 46-11
Date 3-18-55
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	5.816 5.611 5.406 168.33	5.611	205 205 410	410		6.382 6.176 5.972 173.0	5.877	206 204 410	410	B.M. 46-12 PUENTE E-2B RAMONA BLVD. & MAINE AVE SEE F.B. 1367-167 FOR DESCRIPTION
2	4.207 4.001 3.797 12.005	4.002	206 204 410	820		6.015 5.807 5.598 17.420	5.807	208 209 417	827	⊼ G.E. DREIER
3	4.187 3.955 3.724 11.866	3.955	232 231 463	1283		5.911 5.686 5.460 17.057	5.686	225 226 451	1278	SUMMATION OF RUN B.M. 46-12 TO B.M. 46-11
4	4.037 3.821 3.608 11.466	3.822	216 213 429	1712		5.604 5.400 5.197 16.261	5.420	204 203 407	1685	TOTAL BACKSIGHTS + 20.062 TOTAL FORESIGHTS − 30.929 DIFF IN ELEVATION − 10.867
5	2.857 2.671 2.488 8.016	2.672	186 183 369	2081		7.618 7.439 7.259 22.316	7.439	179 180 359	2044	B.M. 46-11 PUENTE E-2A RAMONA BLVD. & MAINE AVE. SEE F.B. 1367-166 FOR DESCRIPTION.
		20.062					30.929			

F.B. 1367 P.G. 272

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 Clear Inst. No. 20010
Notes by R. Rodriguez Time 9:00 to 9:30 Rod No. 4 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No.
From BM 46-12 To BM 46-13
Date 3-18-54
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
	6.810		205			4.682		203		BM 46-12 (Puente E 2B)
	6.605		202			4.477		204		RAMONA & MAINE AVE
	6.403		407			4.273		407		SEE F.S. 1367-163
1	19.718	6.606		407		13.430	4.477		407	FOR DESCRIPTION
	5.593		205			4.066		209		
	5.388		204			3.857		206		
	5.184		409			3.651		415		G. E. DREIER
2	16.165	5.388		816		11.574	3.857		822	
	5.260		206			[illegible]		205		
	5.054		203			[illegible]		204		
	[illegible]		[illegible]			[illegible]		[illegible]		
3	17.265	[illegible]		1225		12.304	4.101		1231	
	[illegible]		206			4.342		204		
	[illegible]		203			4.138		203		
	[illegible]		409			3.935		407		
4	17.779	5.926		1634		12.415	4.138		1638	
	5.857		204			[illegible]		204		
	5.653		205			4.197		207		
	5.448		409			3.991		411		
5	16.957	5.653		2043		12.591	4.197		2049	
		29.328					20.771			

F.B. 1367 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 Clear Inst. No. 50010
Notes by R. Rodriguez Time [illegible] Rod No. 11E12

Name L. A. CO. PRECISE LEVELING
Job No. 0301-22
From B.M. 46-12 To B.M. 46-13
Date 3-18-55
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
	[illegible]	29.328	12	[illegible]3		[illegible]	20.771	12	2049	B.M. 46-13 (PUENTE F-2)
	5359		128			[illegible]		12		RAMONA BLVD & DEPOT ST.
	5081		247	300		[illegible]		257		SEE F.B. 1367-128
6	16078	5359	5	2390		[illegible]	[illegible]		2306	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 46-12 to B.M. 46-13
										Total Backsights + 34.687
										Total Foresights − 27.497
										DIFF IN ELEV + 7.190
		34.687					27.497			

F.B. 1367 P.G. 274

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: CLEAR Inst. No.: 50010
Notes by: R. RODRIGUEZ Time: 9:30 to 10:15 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: BM 46-13 To: BM 46-12
Date: 3-18-55
Indexed: J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	[illegible]		[illegible]		#11 76°	[illegible]				BM 46-13 (PUENTE F-2) RAMONA Blvd & Depot St See F.B. 1367-168 FOR DESCRIPTION
2	[illegible]		[illegible]			[illegible]				⊼ G.E. DREIER
3	[illegible]		[illegible]			[illegible]	5.805			
4	[illegible] 057 [illegible] 12.170	4.057	[illegible] [illegible] [illegible]	1483		5.916 5.711 5507 17.134	5.711	205 204 409	1483	
5	3.991 [illegible] [illegible] 11.351	3.784	[illegible] [illegible] [illegible]	1897		[illegible] 5.213 5.108 15.943	5.314	201 205 414	1897	
		22.871					27.959			

F.B. 1367 P.G. 275

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 R. RODRIGUEZ Time 9:30 to 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-13 To BM 46-12
Date 3-18-55
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
	11679	22871	[illegible]	1897		[illegible]	[illegible]	206	1897	B.M 46-12 (PUENTE E-28)
	4478		[illegible]			[illegible]		205		RAMONA BLVD & MAINE AVE
	4277		[illegible]			[illegible]		411		SEE 1367-167
6.	13.434	4478		2299		198.22	6607		2308	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M 46-13 to B.M 46-12
										TOTAL BACKSIGHTS + 27.349
										TOTAL FORESIGHTS − 34.536
										DIFF IN ELEV − 7.187
		27.349					34.536			

F.B. 1367 P.G. 276

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 R. RODRIGUEZ Time 1:30 TO 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 46-13 To BM 16-5
Date 3-17-55
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
	5.618		191		#11	4.406		208		BM 46-13
	5.427		191		73°	4.198		207		RAMONA BLVD & DEPOT ST.
	5.236		382			3.991		415		SEE F.B. 1367-168
1	16.281	5.427		382		12.595	4.198		415	FOR DESCRIPTION
	6.197		209			4.123		205		
	5.988		208			3.918		205		
	5.780		417			3.713		410		G. E. DREIER
2	17.965	5.988		799		11.754	3.918		825	
	6.363		208			4.652		205		
	6.155		207			4.447		205		
	5.948		415			4.242		410		
3	18.466	6.155		1214		13.341	4.447		1235	
	5.448		205			4.466		205		
	5.243		204			4.261		206		
	5.039		409			4.055		411		
4	15.730	5.243		1623		12.782	4.260		1646	
	6.612		198			1.934		207		
	6.414		197			1.727		207		
	6.217		395			1.520		414		
5	19.243	6.414		2018		5.181	1.727		2060	
		29.227					18.550			

F.B. 1367 P.G. 277

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 Rodriguez Time 130 to 2[illegible] Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 46-13 To BM-16-5
Date 3-17-55
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
	4613	29.227	197	2018		7.831	18.550	203	2060	+ 38.893
	4.416		199			7.628		205		− 30.109
	4217		395			7.423		408		+ 8.784
6	13.246	4.415	6	2413		22.882	7.627		2468	
	5.386		135			4.060		128		− 5.567
	5.251		134			3932		128		− 4.971
	5.117		269			3804		256		− 2.596
7	15.754	5.251		2683		11.796	3.932		2724	
		38.893					30.109			BM 46-14 (PUENTE G-2) PUENTE AVE & EL MONTE ST SEE F.B. 1367-169 FOR DESCRIPTION
	5.037		066			5.618		051		BM 16-5 PUENTE AVE & EL MONTE ST SEE F.B. 1380-204 FOR DESCRIPTION
	4.971		065			5.567		051		
	4.906		131			5.516		102		
8	14.914	4.971		2714		16.701	5.567		2826	
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +43.864
										TOTAL FORESIGHTS − 35.676
										DIFF IN ELEV. 46-13 TO 16-5 + 8.188
		43.864					35.676			46-13 TO 46-14 + 8.784
										46-14 " 16-5 − 0.596

F.B. 1367 P.G. 278

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 3:10 TO 3:45 Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-5 To BM 46-13
Date 3-17-55
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
	5.702		X60			5.105		X58		BM 16-5
	5.642		X60			5.047		X58		PUENTE AVE & ELMONTE ST
	5.582		320	1		4.989		316	1	SEE F.B. 1380-204
1	16.926	5.642	1	320		15.141	5.047	1	316	FOR DESCRIPTION
										BM 46-14 (PUENTE G-2)
										PUENTE AVE & EL MONTE ST
										SEE F.B. 1367-169
										FOR DESCRIPTION
	3.978		133			5.293		131		
	3.845		133			5.162		131		T G.E. DREIER
	3.711		266	3		5.031		262	3	
2	11.534	3.845		586		15.486	5.162		578	
	7.984		206			4.763		196		
	7.778		206			4.567		196		
	7.572		412	7		4.371		392	7	
3	23.334	7.778		898		13.701	4.567		970	
	2.039		197			6.737		209		
	1.842		197			6.529		207		
	1.645		394	1		6.322		416	1	
4	5.526	1.842		392		19.588	6.529		1386	
		19.107					21.305			

F.B. 1367 P.G. 279

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. Rodriguez Time 3:10 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-5 To BM 46-13
Date 3-17-55
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
	4.517	19.107	206	~~1372~~ 1192		5.496	21.305	204	~~1406~~ 1186	
	4.311		207			5.292		202		
	4.104		413	1605		5.090		406	1592	
5	12.932	4.310		~~1785~~		15.878	5.293		~~1812~~	
	4.652		207			6.359		206		
	4.445		207			6.153		202		
	4.238		414	019		5.951		408	2000	
6	13.335	4.445		~~2199~~		18.463	6.154		~~2220~~	
	4.048		209			6.114		204		
	3.839		209			5.910		204		
	3.630		418	437		5.706		408	40	
7	11.517	3.839		~~2617~~		17.730	5.910		~~2628~~	
	4.162		208			5.380		195		B.M. 46-13 PUENTE F-2
	3.954		205			5.185		194		RAMONA BLVD. & DEPOT ST.
	3.749		413	2850		4.991		389	2797	SEE F.B. 1367-168
8	11.865	3.955		~~3030~~		15.556	5.185		~~3017~~	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS +35.656
										TOTAL FORESIGHTS −43.847
		35.656					43.847			DIFF IN ELEV. 16-5 TO 46-13 − 8.191
										" " " 16-5 TO 46-14 + 0.595
										" " " 46-14 TO 46-13 − 8.786

F.B. 1367 P.G. 280

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 2:20 To 2:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 16-5 To BM 16-6
Date 3-17-55
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
	5.272		120		#11	5.678		121		B.M 16-5
	5.152		120			5.557		121		ELMONTE ST. & PUENTE AVE.
	5.032		240			5.436		242		SEE F.B. 1380-204
1	15.456	5.152		240	76°	16.671	5.557		242	FOR DESCRIPTION
	4.731		126			5.614		126		
	4.605		125			5.488		129		↑ G.E. DREIER
	4.480		251			5.359		255		
2	13.816	4.605		491		16.461	5.487		497	
	4.298		205			6.302		205		
	4.093		203			6.097		207		
	3.890		408			5.890		412		
3	12.281	4.093		899		18.289	6.096		909	
	4.227		206			6.604		206		
	4.021		205			6.398		205		
	3.816		411			6.193		411		
4	12.064	4.021		1310		19.195	6.398		1320	
	4.672		206			6.041		201		
	4.466		205			5.840		200		
	4.261		411			5.640		401		
5.	13.399	4.466		1721		17.521	5.840		1721	
		22.338					29.378			
		8								

F.B. 1367 P.G. 281

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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 R. RODRIGUEZ Time 2:20 to 2:45 Rod No. 11 & 12

Name LA CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 16-5 To BM 16-6
Date 3-17-55
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.667	22.338	207	1721		6.535	29.378	203	1721	BM 16-6
	4.460		207			6.332		201		DUENTE AVE & CLEARY DR
	4.253		414			6.131		404		SEE F.B. 1380-205
6	13.380	4.460		2135		18.998	6.332		2125	FOR DESCRIPTION
										SUMMATION OF RUN
										BM 16-5 to BM 16-6
										total BACKSIGHTS = 26.798
										TOTAL FORESIGHTS = 35.710
										DIFF IN ELEV = 8.913
		26.798					35.710			

F.B. 1367 P.G. 282

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 2:45 TO 3:10 Rod No. 118 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From BM 16-6 To BM 16-5
Date 3-17-55
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
	6.515		202			4.646		205		BM 16-6
	6.313		202			4.441		204		PUENTE AVE & CLEARY DR
	6.111		404			4.237		409		SEE F.B. 1380-205
1	18.939	6.313		404		13.324	4.441		409	FOR DESCRIPTION
	5.972		203			4.599		205		
	5.769		201			4.394		206		
	5.568		404			4.188		411		
2	17.309	5.769		808		13.181	4.394		820	
	6.597		206			4.219		207		
	6.391		206			4.012		204		
	6.185		412			3.808		411		
3	19.173	6.391		1220		12.039	4.013		1231	
	6.251		203			4.249		205		
	6.048		206			4.042		203		
	5.842		409			3.839		408		
4	18.141	6.047		1629		12.128	4.042		1639	
	5.577		130			4.689		123		
	5.447		128			4.566		123		
	5.319		258			4.443		246		
5	16.343	5.449		1887		13.698	4.566		1885	
		29.968					21.456			

G. E. DREIER

F.B. 1367 P.G. 283

76P526 E & E #379 1-54

ON THIS
CLED IN
AME OF

Chief o. arty G. E. DREIER Weather CLEAR Inst. No. 50[illegible]0
Notes by R. RODRIGUEZ Time 2:45 T 03:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301 02
From BM 16-6 To BM 16-5
Date 3-17-55
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
	5.574	29.968	122	1.887		5.167	21.456	119	1.885	B.M. 16-5
	5.452		121			3.048		120		ELMONTE ST & PUENTE AVE
	5.331		243			4.928		239		SEE F.B. 1380-204
6	16.357	5.452		2,130		15.143	5.048		2,124	FOR DESCRIPTION

SUMMATION OF RUN
B.M 16-6 to B.M 16-5

total BACKSIGHTS + 35.420
total FORESIGHTS − 26.504
DIFF IN ELEV. + 8.916

35.420 26.504