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

F.B. 1366 PG.

SURVEY BY _____ WEATHER _____ INST. NO. _____

NOTES BY _____ DATE _____ TIME _____ ROD NO. _____

DATE _____ NOTES CHKD _____ DATE _____

BOOK INDEX

F.B. 1366 - PAGE

LINE 43 DESCRIPTIONS 5 TO 16

" " DIFF. IN ELEV. 1955 17 TO 80

LINE 44 DESCRIPTIONS 101 TO 120

" " DIFF. IN ELEV. 1955 125 TO 238

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	FROM	TO	DESCRIPTION AND REMARKS

GE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. _____ Pg. _____ JOB NO. _____

SURVEY OF _____ WEATHER _____ INST. NO. _____

SURVEY BY _____ TIME _____ ROD NO. _____

NOTES _____

INDEXED _____ DATE _____ NOTES CHKD _____ DATE _____

STATION	BACKSIGHT		FORESIGHT		DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT. STADIA	RIGHT MIC.	LEFT. STADIA	FROM _____ TO _____

Notes Ck'd by Aje	Survey [illegible]
Map No.	W. O. Tape No. Sh'd of
Office Work	Surveyed by DREIER
Checked	Notes [illegible] Date 1-55
Date	Indexed K. C. Johnson

L.A. CO. PRECISE LEVEL NET
JOB NO. 0301.02
LINE NO. 43

ARROW HWY, NEW ALIGNMENT, FROM PECK ROAD TO IRWINDALE AVE.

DREIER
LANDA
SONNENSCHEIN
RODRIGUES

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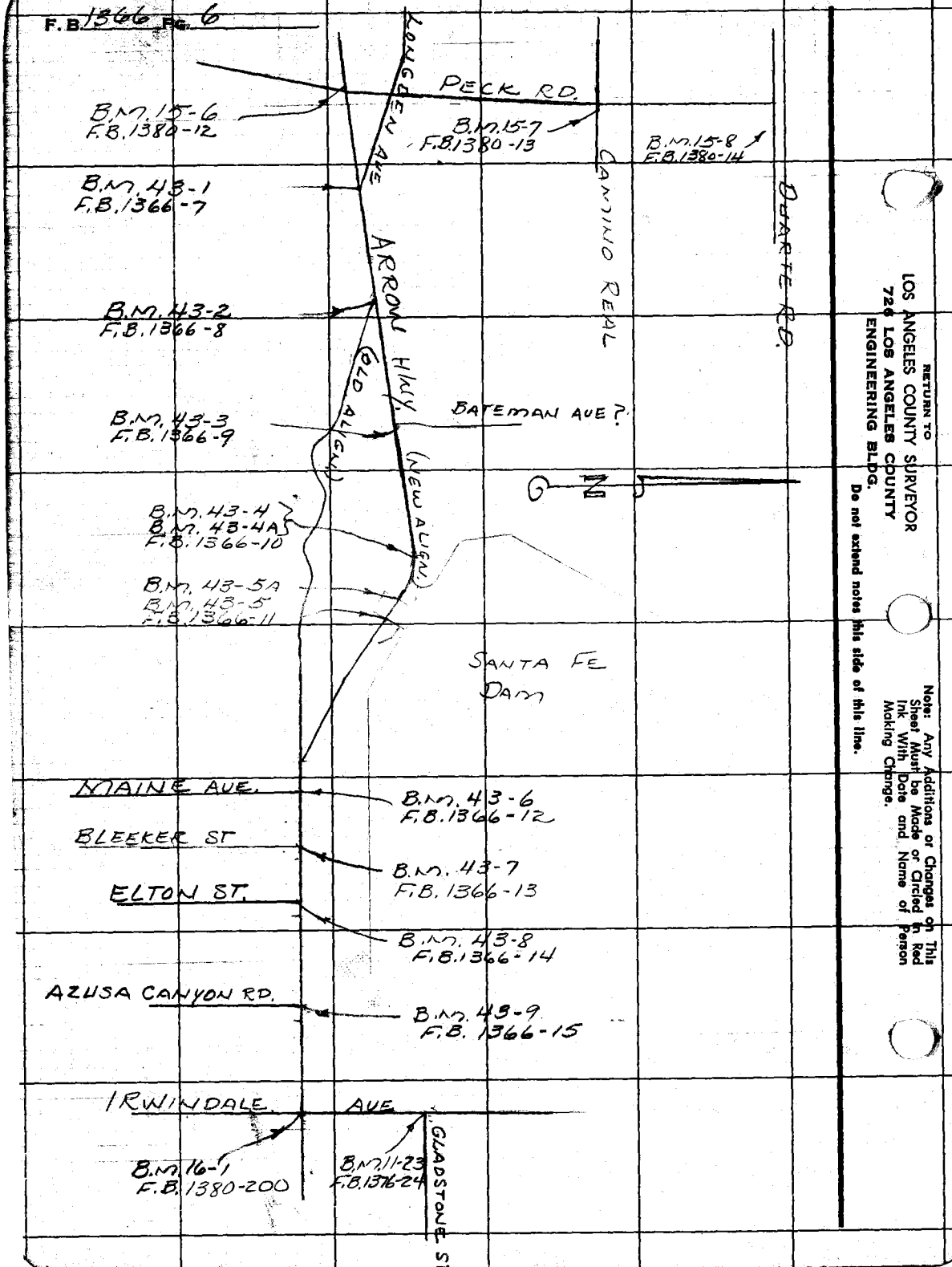
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

78F3098 247 4-52

F.B. 1366 PG. 6



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720 LOS ANGELES COUNTY
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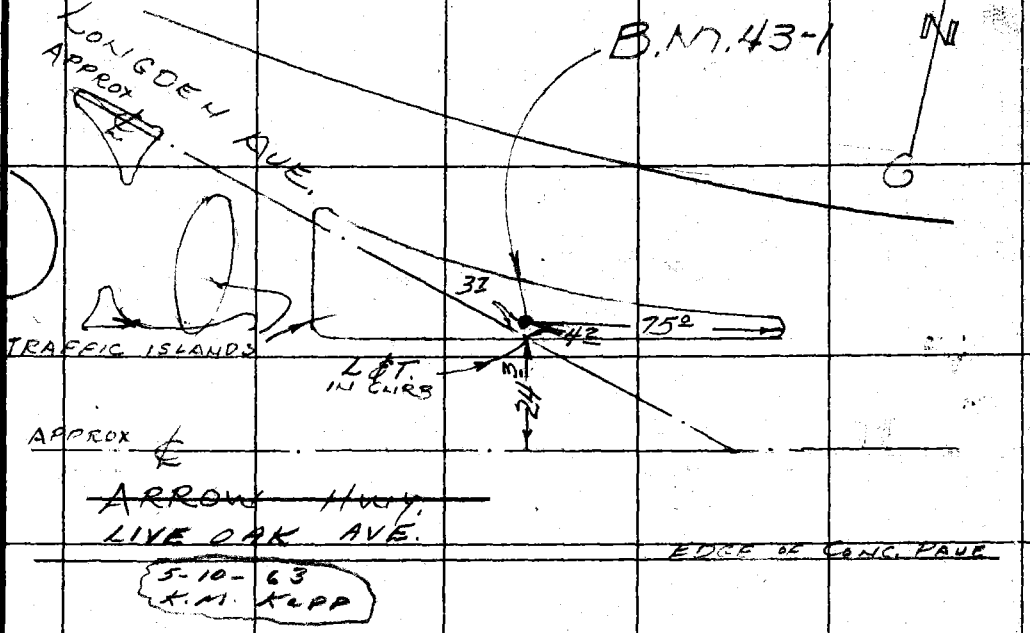
Notes Ck'd by	Surveyed by G. E. DREIER
Map No.	W. O. 0501.02 Tape No. Sr'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Noted G. E. DREIER Date 1-14-55
Date	Indexed J. C. Johnson

L.A. CO. PRECISE LEVEL NET F.B. 1366 Pg. 7

B.M. 43-1 (AZUSA A-11)

~~ARROW HWY.~~ LIVE OAK AVE., 28.5 FT. NLY FROM ℄ AND LONGDEN AVE., 3.7 FT N'LY FROM ℄, 75.0 FT. W. OF THE EAST END OF THE LARGEST TRAFFIC ISLAND, 4.2 FT N.W'LY FROM A L.&T. ON ℄ OF LIVE OAK AVE. LONGDEN AVE IN N. CURB OF ~~ARROW HWY.~~, A STANDARD L.A. CO. TRAVERSE STAT. BRASS DISK STAMPED "AZUSA A-11" 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 359.314 ✓
5



5-10-63
K.M. Kapp

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726 LOS ANGELES COUNTY
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78F3008 247 4-55

F. B. 1366 PG. 8

B.M. 43-2

ARROW HWY, 0.4 MI. E. OF LONGDEN AVE., AT ℄ INTERSECTION OF NEW ℄ ALIGNMENT AND OLD ℄ ALIGNMENT, A STANDARD BRASS CAP MONUMENT, STAMPED "L.A.CO.RD. 1950" 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1952 ADJ. ELEV. 374.774

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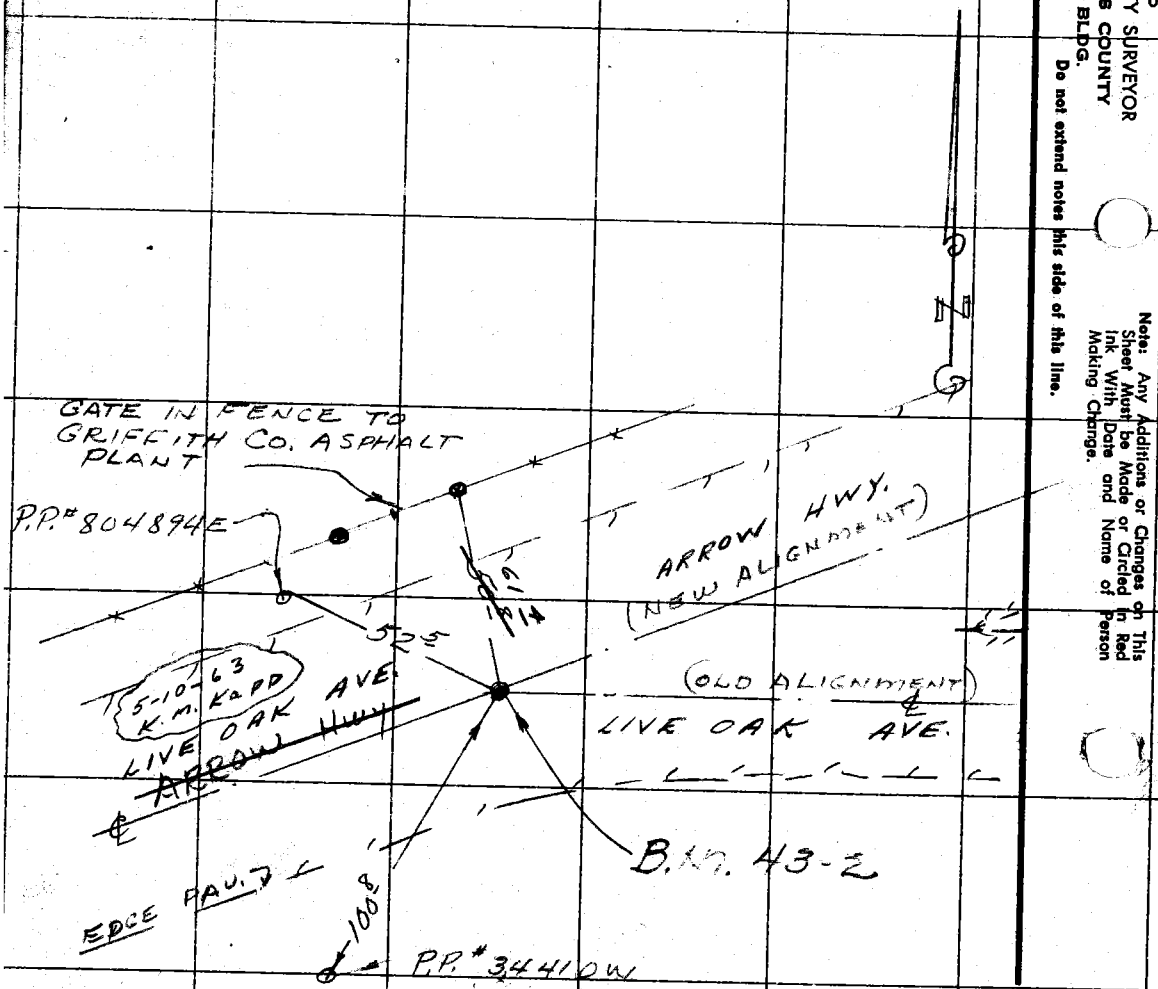


Notes Ck'd by
Map No.
Office Work
Checked
Date

L.A. CO. PRECISE LEVEL NET F.B. 1366 Pg. 9

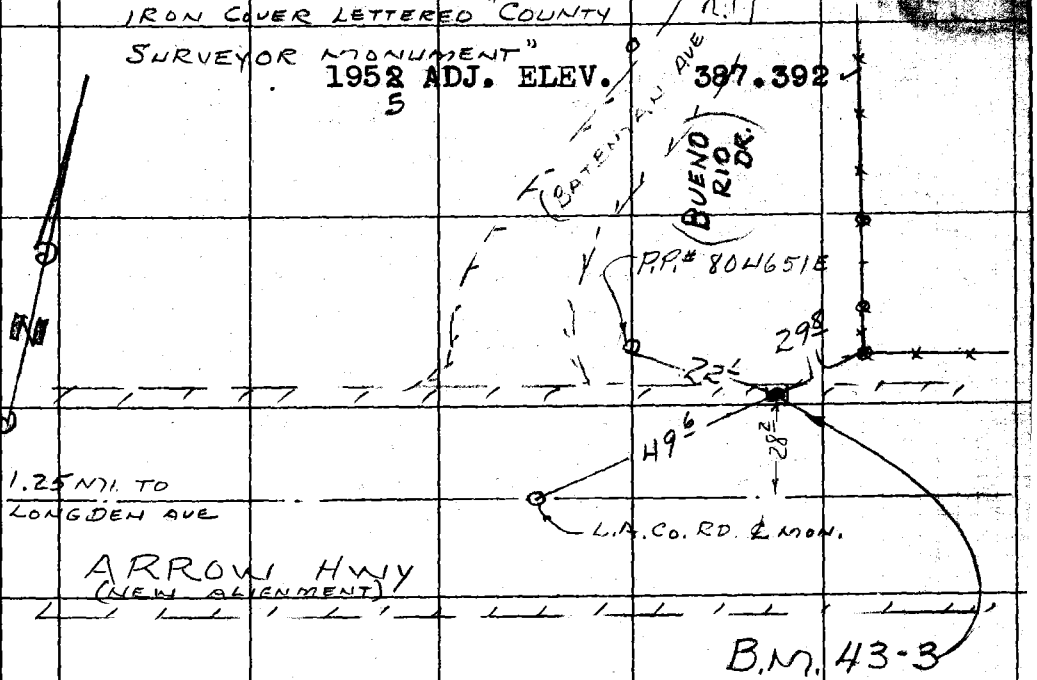
Survey of 030102
W.O. Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 1-14-55
Indexed C. Johnson

See F.B. 2890 - 169 for new Descrip.

B.M. 43-3 (AZUSA B-11)

ARROW HWY., 1.25 MILES EAST OF LONGDEN AVE, 49.6 FT N.E'LY FROM A L.A.CO. RD. DEPT MON. ON APPROX. ℄ OF BATEMAN AVE., 28.2 FT N.'LY FROM ℄ ARROW HWY., 29.8 AT S.W. OF S.W. COR OF FENCE AROUND BLUE DIAMOND CORP. GRAVEL PIT, A STANDARD L.A. COUNTY TRAVERSE STATION BRASS DISK STAMPED "AZUSA B-11" 13 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 387.392



T.B.M.
Arrow Highway, N. side, W. of dam
L.&N. in middle of culvert h'dwall
painted "B.M."
1952 Adj. Elev. 404.644

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

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

76F3008 247 4-53

F.B. 1566 Pg. 10

B.M. 43-4

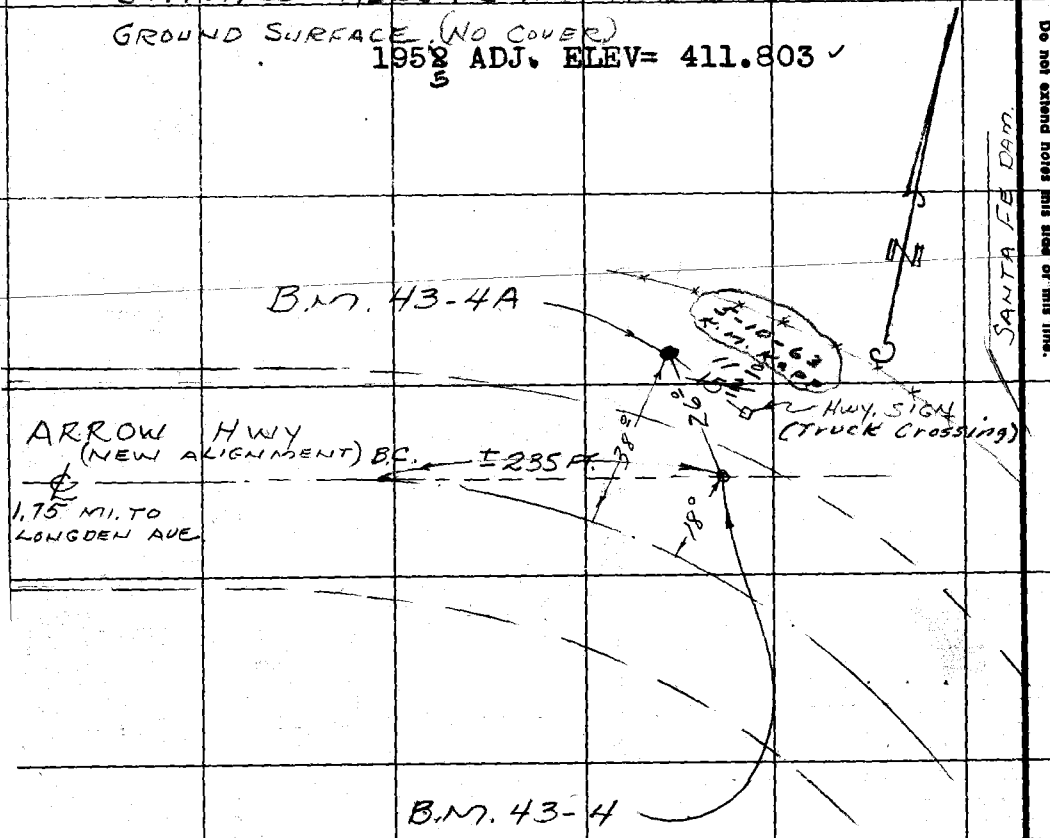
ARROW Hwy, 1.75 MI. E. OF LONGDEN AVE, ± 235 FT. E'LY FROM. B.C. OF PAVEMENT ON SEMI-TAN PRODUCED FROM WEST, 18 FT NORTH OF CENTER OF PAV., A BRASS DISK STAMPED "L.A. CO. RD. 1950" 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1955 ADJ. ELEV. 411.989 ✓

B.M 43-4A (AZUSA C-11A)

ARROW Hwy, 1.75 MI. E. OF LONGDEN AVE, 260 FT N.W. OF B.M 43-4, 38.0 FT N. OF CENTER OF PAV., ~~15.2~~ 11.8 FT WEST OF A 4"x4" Hwy SIGN POST, A STANDARD L.A. Co. SURVEY CONTROL TRAVERSE STATION STAMPED "AZUSA C-11A" 12 INCHES BELOW GROUND SURFACE. (NO COVER)

1958 ADJ. ELEV= 411.803 ✓



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L.A.CO. PRECISE LEVEL NET F.B. 1366 PG. 11

Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of
W.O. 930.02 Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 1-14-54
Indexed A. C. Johnson

B.M. 43-5 * B 915

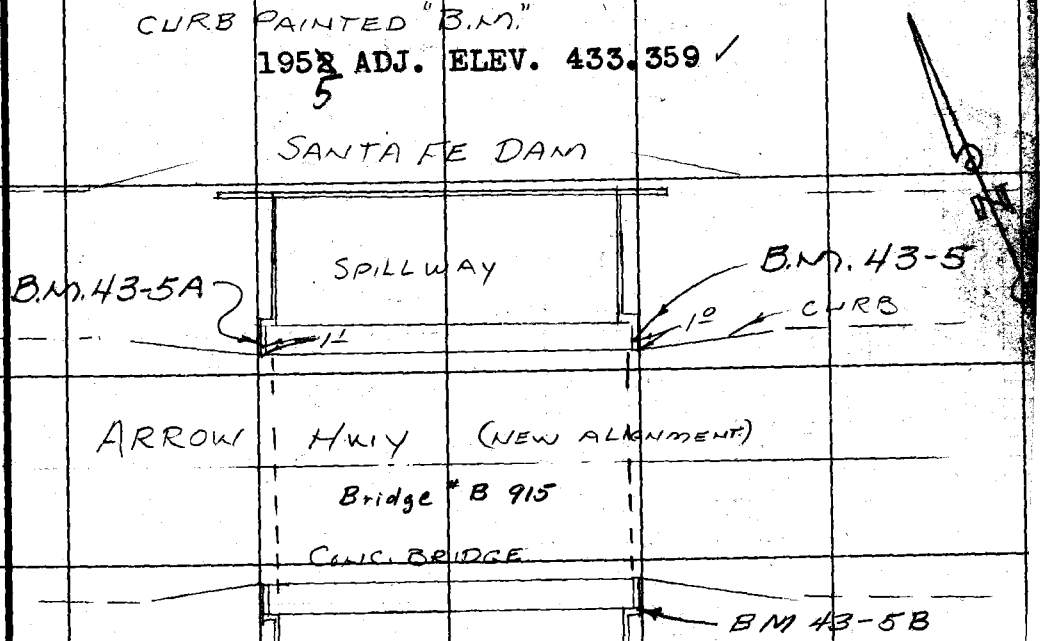
ARROW HWY, N. SIDE, AT BRIDGE OVER SANTA FE DAM SPILLWAY, A LEAD AND TACK IN EAST ABUTMENT, 1 FOOT NORTH OF NORTH CURB PAINTED "B.M."

1952 ADJ. ELEV. 433.362 ✓

B.M. 43-5A * B 915

ARROW HWY, N. SIDE, AT BRIDGE OVER SANTA FE DAM SPILLWAY, A LEAD AND TACK IN WEST ABUTMENT 1.1 FOOT NORTH OF NORTH CURB PAINTED "B.M."

1952 5 ADJ. ELEV. 433.359 ✓



BM 43-5B (Corps of Engr.)
This mark is in the S. E. Cor. of Bridge * B 915 on ARROW HWY at the SANTA FE DAM SPILLWAY
The mark is a Corps of Engr. 4" Brass Disc cemented into the bridge. There are no markings stamped on the disc.

F.B. 6 June 1963

RETURN TO
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726 LOS ANGELES COUNTY
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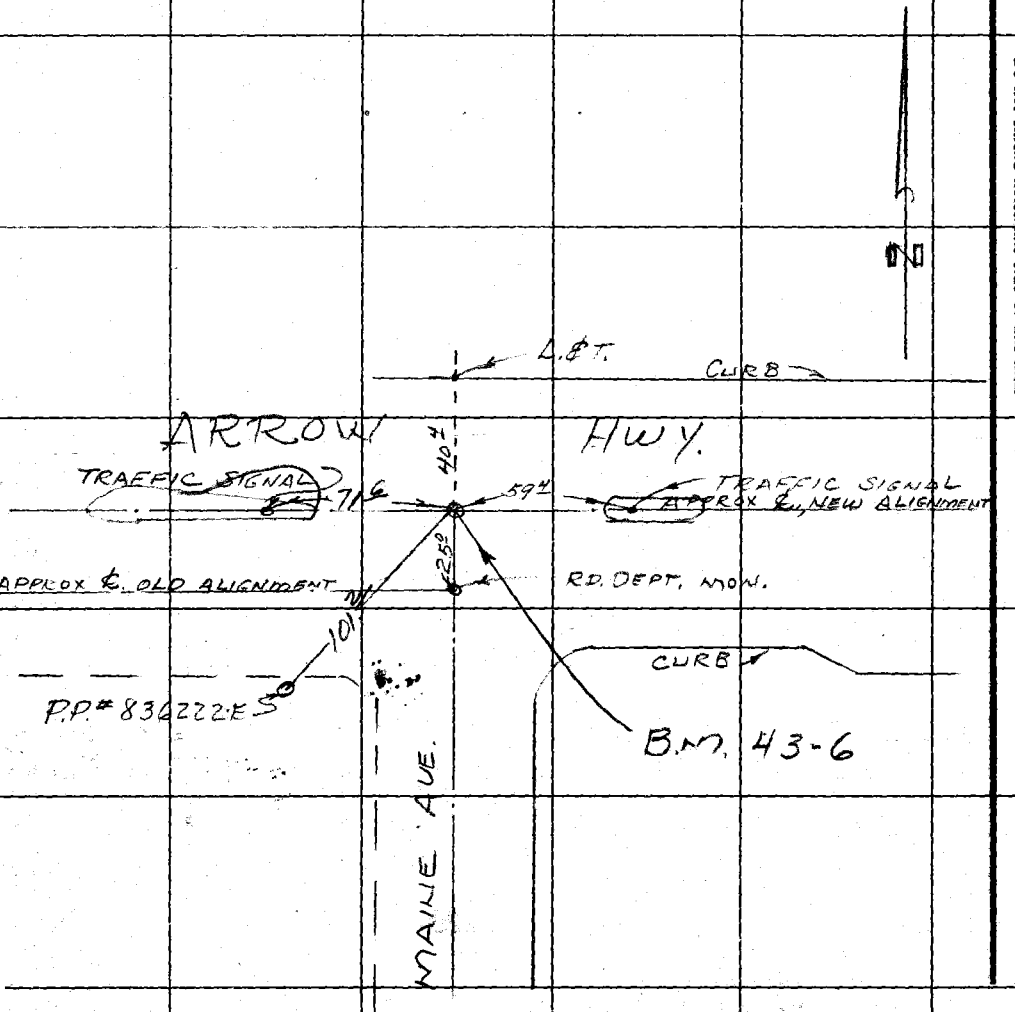
765006 247 4-58

F. B 1366 Pg. 12

B.M. 43-6

ARROW HWY AND MAINE AVE, APPROX ℄ INTERSECTION OF NEW ALIGNMENT, (25 FT. N. OF MON. ON OLD ℄ ALIGN.) A STD BRASS DISK STAMPED "L.A. CO. RD. 1950" 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1952 ADJ. ELEV. 427.189'



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
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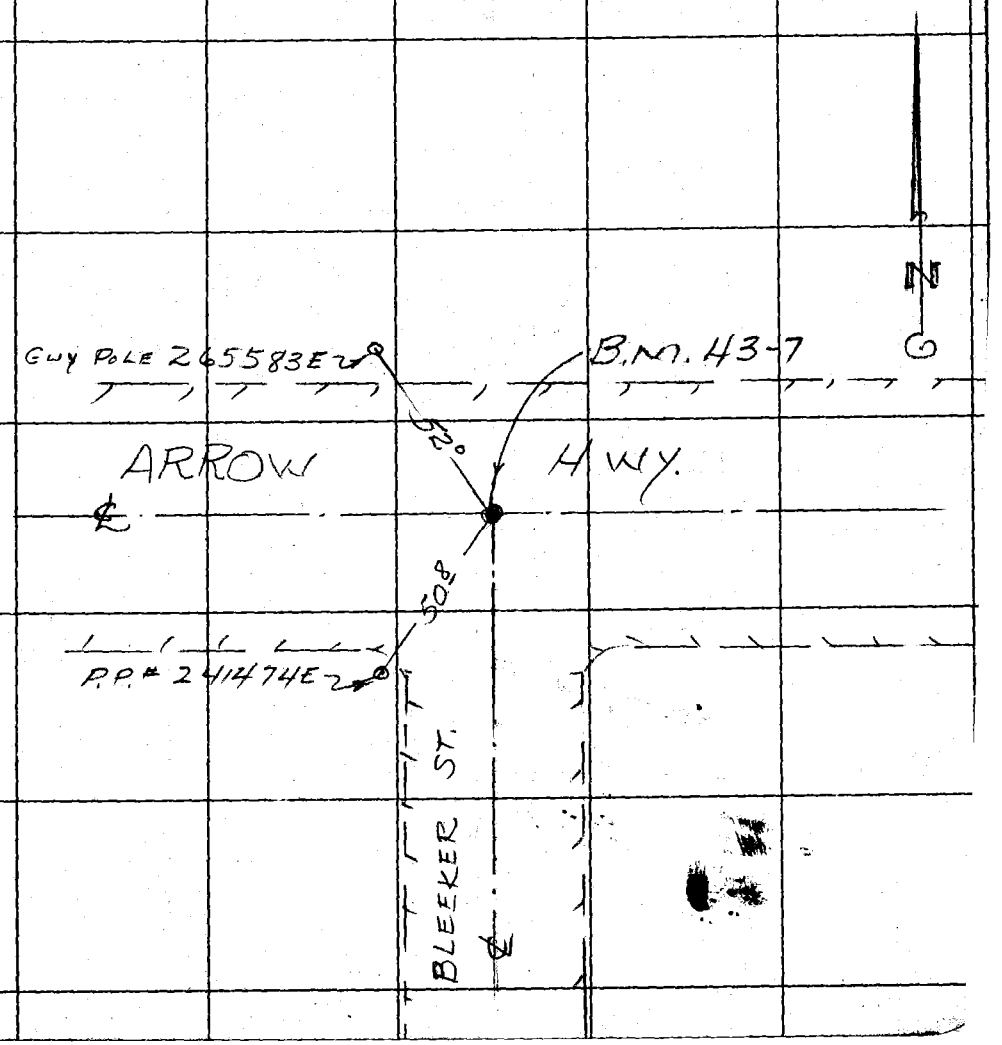
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 1-14-55
Date	Indexed K. C. Johnson

F.B. 1366 PG. 13

B.M. 43-7

ARROW HWY AND BLEEKER ST., ℄ INTERSECTION, A STANDARD BRASS CAP MONUMENT STAMPED "L.A.CO. RD. 1950", 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1955 ADJ. ELEV. 436.951



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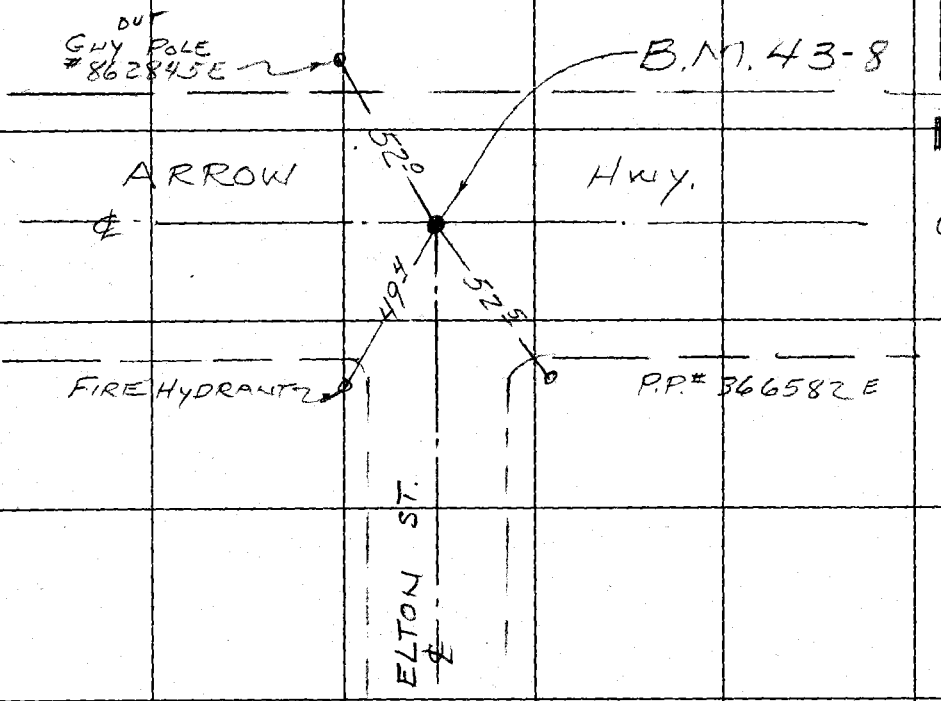
RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F.B. 1366 Pg. 14

B.M. 43-8

ARROW HWY AND ELTON ST., &
INTERSECTION, A STANDARD BRASS CAP
MONUMENT STAMPED "L.A.Co. RD. 1950"
7 INCHES BELOW THE SURFACE AND
PROTECTED BY A CAST IRON COVER
LETTERED "L.A. COUNTY ROAD DEPT."
1952 ADJ. ELEV. 445.081'



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726 LOS ANGELES COUNTY
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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 1-14-54
Date	Indexed A. C. Johnson

F.B. 1366 Pg. 15

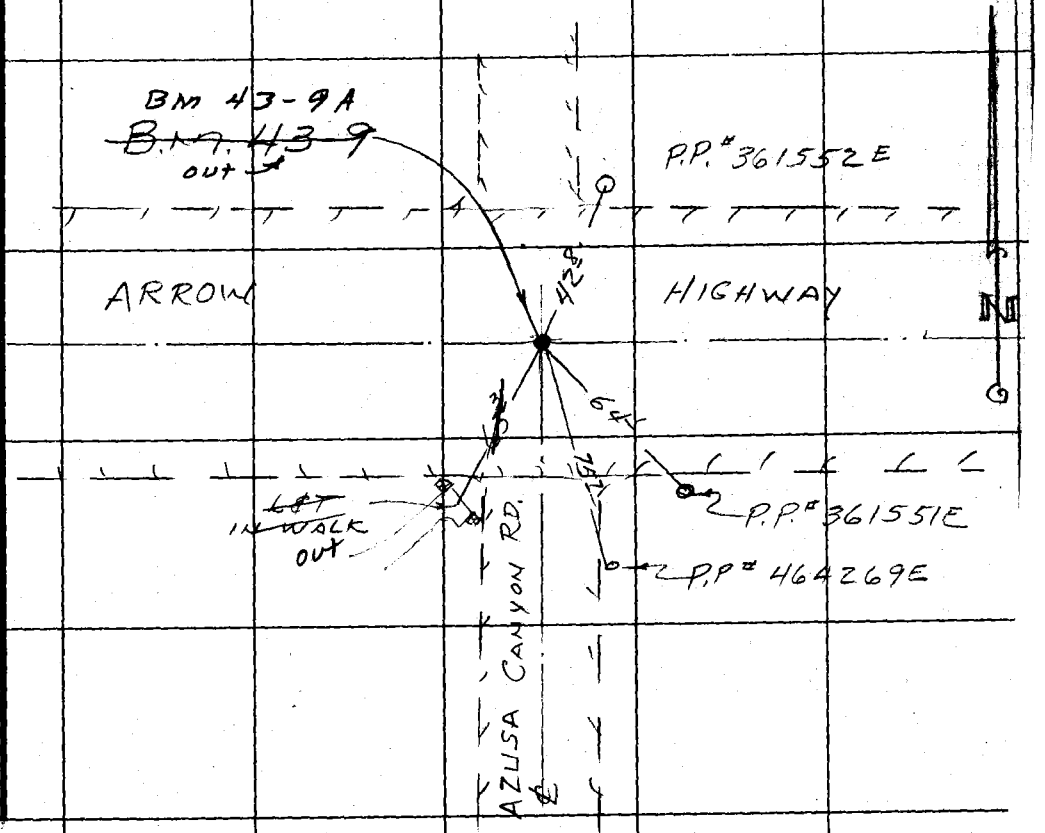
BM 43-9A

~~B.M. 43-9~~ out

ARROW HWY. AND AZUSA CANYON RD., ℄ INTERSECTION, A STANDARD BRASS CAP MONUMENT STAMPED "~~L.A. CO. RD. 1950~~" Co. Survey Control Traverse Sta. 4 AZUSA H-12 1957 RE 5869, 7 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "L.A. COUNTY ROAD DEPT."

1955 ADJ. ELEV. 457.294

F.E.B. 31 May 1963



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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3095 247 4-53

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F.B. 3668 Pg. 16

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 11:10 TO 12:10 Rod No 11 812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-8 To B.M. 15-7
Date 1-17-55
Indexed C. Johnson 2-3-55

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
	1.803		210		11	6.117		226		B.M. 15-8 (U.S. 2619 H-96)
	1.593		211			5.890		224		PECK RD. & DUARTE RD.
	1.382		421			5.666		451		SEE F.B. 1380-14
1	4.778	1.593		421	59°	17.673	5.891		451	FOR DESCRIPTION
	2.537		208			8.067		212		
	2.329		205			7.855		213		
	2.124		413			7.642		425		E. LANDA
2	6.990	2.330		.834		23.564	7.855		.876	
	2.634		201			7.550		206		
	2.433		200			7.344		204		
	2.233		401			7.140		410		
3	7.300	2.433		1.235		22.034	7.344		1.286	
	2.562		205			7.305		207		
	2.357		206			7.098		205		
	2.151		411			6.893		412		
4	7.070	2.357		1.646		21.296	7.099		1.608	
	2.558		206			6.5114		205		
	2.352		204			6.339		205		
	2.148		410			6.134		410		
5	7.058	2.353		2.056		19.017	6.339		2.108	
	11.066					34.528				

F.B. 1380 P.G. 17

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 11:10 TO 12:10 Rod No. 11812

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-8 To B.M. 15-7
Date 1-17-55
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
	3.540	11.066'	207	2,056'		6.269	34.528'	209	2108'	
	3.333		206			6.060		206		
	3.127		413'			5.854		415'		
6	10.000'	3.333'		2,469'		18.183'	6.061'		2,523'	
	3.519		206			6.672		205		
	3.313		202			6.467		207		
	3.111		408'			6.260		412'		
7	9.943'	3.314'		2,877'		19.399'	6.466'		2,935'	
	3.994		214			6.697		199		
	3.780		210			6.498		198		
	3.570		424'			6.300		397'		
8	11.344'	3.781'		3301'		19.495'	6.498'		3332'	
	4.019		209			6.809		203		
	3.810		205			6.606		202		
	3.606		414'			6.404		405'		
9	11.434'	3.811'		3.715'		19.819'	6.606'		3.737'	
	3.778		209			6.489		209		
	3.569		207			6.280		206		
	3.362		416'			6.074		415'		
10	10.709'	3.570'		4.131'		18.843'	6.281'		4152'	
				28,875'					66401'	

F.B. ..... P.G. 18

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 11:10 TO 12:10 Rod No 1812

Name L.A.Co. PRECISE LEVEL NET
Job No B301.02
From B.M. 15-8 To B.M. 15-7
Date 1-17-54
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
	3.384	28.475	205	4.131		6.524	66.440	206	4.152	
	3.179		207			6.318		205		
	2.972		412			6.113		411		
11	9.535	3.178		4.543		18.955	6.318		4.563	
	3.320		207			6.396		205		
	3.113		202			6.191		202		
	2.910		410			5.989		407		
12	9.343	3.114		4.953		18.576	6.192		4.970	SUMMATION OF DIF
	2.942		204			5.374		207		B.M. 15-8 TO B.M. 15-7
	2.738		207			5.167		206		TOTAL BACKSIGHTS 44.243
	2.531		411			4.961		413		TOTAL FORESIGHTS 94.275
13	8.211	2.737		5.364		15.502	5.167		5.383	DIF IN ELEVATION 50.032
	3.331		121			4.614		121		
	3.210		120			4.493		121		
	3.090		241			4.372		242		
14	9.631	3.210		5.605		13.479	4.493		5.625	F.B. 1366 P.G. 19
	3.248		119			5.782		118		B.M. 15-7
	3.129		118			5.664		116		PECK RD. & CAMINO REAL
	3.011		237			5.548		234		SEE F.B. 1380-13
15	9.388	3.129		5.842		16.994	5.665		5.859	FOR DESCRIPTION
	44.243					94.275				

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..... 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. 1366 P.G. 20

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 9:30 TO 11:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-7 To B.M. 15-8
Date 1-17-55
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
	5.772		118		#11	3236		119		B.M. 15-7
	5654		117			3.117				PECK RD. & SAN MINO REAL
	5.537		235'			2.998		238'		SEE F.B. 1380-13
1	16.963'	5.654'		.235'	56°	9.351'	3.117'		.238'	FOR DESCRIPTION
	4.559		120			3279		122		
	4.439		120			3.157		123		T E. LANDA
	4.319		240'			3.034		245'		
2	13.317'	4.439'		.475'		9.470'	3.157'		.483'	
	5.339		206			2907		208		
	5.133		203			2.699		205		
	4.930		409'			2.494		413'		
3	15.402'	5.134'		.884'		8.100'	2.700'		.596'	
	6.473		205			3.400		204		
	6.268		205			3.196		204		
	6.063		410'			2.992		408'		
4	18.804'	6.268'		1.294'		9.588'	3.196'		1.304'	
	6.455		204			3.317		207		
	6.251		206			3.110		204		
	6.045		410'			2.906		411'		
5	18.751'	6.250'		1.704'		9.333'	3.111'		1.715'	
			27.745'					15.281'		

F.B. 1366 P.G. 21

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NE1
Job No. 0301.02
From BM 15-7 To BM 15-8
Date 1-17-55
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
	6.531	27.745	208	1.704		3.822	3.251	205	1.715	
	6.323		204			3.617		206		
	6.119		412			3.411		411		
6	18.973	6.324		2.116		10.850	3.617		2.126	
	6.849		203			4.050		206		
	6.646		206			3.844		202		
	6.440		409			3.642		408		
7	19.935	6.645		2.525		11.536	3.845		2.534	
	6.735		207			4.019		207		
	6.528		208			3.812		204		
	6.320		415			3.608		411		
8	19.583	6.528		2.940		11.439	3.813		2.945	
	6.722		204			3.570		206		
	6.518		205			3.364		203		
	6.313		409			3.161		409		
9	19.553	6.518		3.349		10.095	3.365		3.354	
	6.217		207			3.493		208		
	6.010		208			3.285		206		
	5.802		415			3.077		414		
10	18.029	6.010		3.764		9.857	3.286		3.768	
		59.770					33.207			

F.B. 1366 P.G. 22

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 15-7 To B.M. 15-8
Date 1-17-55
Indexed X. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.541	59.770	205	3.764		2.554	33.207	205	3.768	
	6.336		203			2.349		206		
	6.133		408			2.143		411		
11	19.010	6.337		4.172		7.046	2.349		4.179	
	7.319		209			2.578		206		
	7.110		208			2.372		203		
	6.902		417			2.169		409		SUMMATION OF RUN
12	21.331	7.110		8.589		7.119	2.373		4.588	B.M. 15-7 TO B.M. 15-8
	7.606		205			2.689		202		TOTAL BACKSIGHTS + 94.386
	7.401		202			2.487		202		TOTAL FORESIGHTS - 44.360
	7.199		407			2.285		404		DIFF IN ELEVATION + 50.026
13	22.206	7.402		4.996		7.461	2.487		4.992	
	8.051		213			2.520		207		
	7.838		213			2.313		203		
	7.625		426			2.110		410		
14	23.514	7.838		5.422		6.943	2.314		5.402	
	6.160		231			1.833		203		B.M. 15-8 (U.S. 2619 H.96)
	5.929		230			1.630		204		PECK RD. & DUARTE RD.
	5.699		461			1.426		407		SEE F.B. 1380-14
15	17.788	5.929		5.883		4.889	1.630		5.809	FOR DESCRIPTION
		94.386					44.360			

F.B. 366 P.G. 23

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..... 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. 1366 PG. 24

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 1055 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-7 To B.M. 15-6
Date 1-12-55
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
	4.560		172		#11	5.017		178		B.M. 15-7
	4.388		172			4.839		181		PECK RD. & CAMINO REAL
	4.216		344			4.658		359		SEE F.B. 1380-13
1	13.164	4.388		344		14.514	4.838		359	FOR DESCRIPTION
	2.828		220			5.171		211		
	2.608		218			4.960		210		T E. LANCA
	2.390		438			4.750		421		
2	7.826	2.609		.782		14.881	4.960		.780	
	3.375		096			4.436		097		
	3.279		096			4.339		099		
	3.183		192			4.240		196		
3	9.837	3.279		.976		13.015	4.338		.976	
	2.846		210			5.170		212		
	2.636		209			4.958		210		
	2.427		419			4.748		422		
4	7.909	2.636		1.393		14.876	4.959		1.398	
	2.772		209			6.082		212		
	2.563		206			5.870		210		
	2.357		415			5.660		422		
5	7.692	2.564		1.808		17.612	5.871		1.820	
		15.476					24.966			

F.B. 1366 P.G. 25

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 10:55 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-7 To B.M. 15-6
Date 1-12-55
Indexed J. C. Johnson

F.B. 1366 P.G. 26

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
	5.317	15.476	212	1.808		6.573	24.966	213	1.820	
	5.105		209			6.366		212		
	4.896		421			6.148		425		
6	15.318	5.106		2.229		19.087	6.360		2.245	
	2.850		211			5.460		217		
	2.639		210			5.243		213		
	2.429		421			5.030		430		
7	7.918	2.639		2.650		15.733	5.244		2.675	
	3.059		210			5.160		210		
	2.849		209			4.950		210		
	2.640		419			4.740		420		
8	8.548	2.849		3.069		14.850	4.950		3.095	
	2.909		218			5.220		207		
	2.681		219			5.013		203		
	2.462		437			4.810		410		
9	8.052	2.684	4	3.506 16		15.043	5.014		3.505	
	3.071		210			4.915		216		
	2.861		206			4.699		217		
	2.655		416			4.482		433		
10	8.587	2.862		3.922 32		14.096	4.699		3.938	
	31.673					51.233				
	16									

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 10:55 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No.
From B.M. 15-7 To B.M. 15-6
Date 1-12-55
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
	3126	31.61	215	3.932		4.857	51.233	213	3.938	
	2.911		213			4.644		213		
	2.698					4.431				
11	8.735	2.912	428	4.350		13.932	4.644	426	4.364	
	4.503		209			6.191		218		
	4.291		209			5.973		218		
	4.082					5.755		436		
12	12.873	4.291	418	4.718		17.919	5.973		4.800	SUMMATION OF RUN
	3.113		218			4.848		210		B.M. 15-7 TO B.M. 15-6
	2.895		215			4.638		208		TOTAL BACKSIGHTS +50.584
	2.680					4.430				TOTAL FORESIGHTS -77.961
13	8.688	2.896	433	5.221		13.916	4.639	418	5.218	DIFF. IN ELEVATION -27.377
	4.399		211			6.123		216		
	4.188		210			5.907		214		
	9.975					5.693		430		
14	12.565	4.188	421	5.672		17.723	5.908		5.648	
	4.881		197			5.765		201		B.M. 15-6
	4.684		196			5.564		200		PECK RD. & ARROW HWY.
	4.488		393			5.364		401		SEE F.B. 1380-12
15	14.053	4.684		6.025	64°	16.693	5.564		6.049	FOR DESCRIPTION
	+50.584					77.961				

F.B. 1366 P.G. 27

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party..... Weather..... 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. 1366 P.G. 28

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 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 15-6 To B.M. 15-7
Date 1-12-55
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
	5.816		201		#11	4.931		199		B.M. 15-6
	5.615		199			4.732		195		ARROW HWY & DECK RD.
	5.416		400			4.537		394		SEE F.B. 1350-12
1.	16.847	5.616		.400	58°	14.200	4.733		394	FOR DESCRIPTION
	6.179		216			4.459		260		T E. LANDA
	5.963		213			4.249		260		
	5.750		429			4.029		400	814	
2.	17.892	5.964		.829		12.747	4.249	2	.794	
	6.107		216			4.359		211		
	5.891		216			4.148		209		
	5.675		432			3.939		420	3	
3	17.673	5.891		1.261		12.446	4.149		1.254	
	6.214		217			4.526		208		
	5.997		218			4.318		205		
	5.779		435			4.116		413	5	
4.	17.990	5.997		1.696		12.954	4.318		1.670	
	5.488		208			3.763		221		
	5.280		207			3.542		221		
	5.073		415			3.321		442	9	
5.	15.841	5.280		2.111		10.626	3.542		2.073	
			28.748					20.991		

F.B. 1350 P.G. 29

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 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0304.22
From B.M. 15-6 To B.M. 15-7
Date 1-12-55
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
	4.907	28.748 ✓	217	2.111 ✓		3.064	20.991 ✓	208	2.072	
	4.690		215			2.856		207	9	
	4.475		432			2.649		415	501	
6	14.072 ✓	4.691 ✓		2.583 ✓		8.569 ✓	2.856 ✓		2.487	
	5.527		210			3.198		218		
	5.317		207			2.980		214		
	5.110		417 ✓			2.766		432 ✓		
7	15.954	5.318 ✓		2.960 ✓		8.944 ✓	2.981 ✓		2.919	
	5.215		213			3.119		212		
	5.002		210			2.907		208		
	4.792		423 ✓			2.699		420 ✓		
8	15.009 ✓	5.003 ✓		3.383 ✓		8.725 ✓	2.908 ✓		3.279	
	5.395		206			2.799		219		
	5.189		209			2.580		218		
	4.980		415 ✓			2.362		437 ✓		
9	15.564 ✓	5.188 ✓		3.798 ✓		7.741 ✓	2.580 ✓		3.796	
	6.590		211			5.342		212		
	6.379		209			5.130		212		
	6.170		420 ✓			4.918		424 ✓		
10	19.139 ✓	6.380 ✓		4.218 ✓		15.390 ✓	5.130 ✓		4.210	
	55.328 ✓					37.446 ✓				

F.B. 1366 P.G. 30

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50012
Notes by Time 10:00 TO Rod No. NE 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-6 To B.M. 15-7
Date 1-12-65
Indexed H. 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
11	6.125 5.914 5.701 17.740	5.913	211 213 4241	4.218 4.642		2.810 2.601 2.396 7.807	2.602	209 205 414	4.204 4.614	
12	5.160 4.949 4.737 14.846	4.949	211 212 423	5.065		2.840 2.630 2.420 7.890	2.630	210 210 420	5.034	
13	4.429 4.330 4.231 12.990	4.330	099 099 1981	5.263		3.365 3.270 3.173 9.808	3.269	095 097 192	5.286	Summation of Run B.M. 15-6 To B.M. 15-7
14	5.144 4.933 4.722 14.800	4.933	211 210 4211	5.684		2.801 2.583 2.366 7.750	2.583	218 217 4351	5.681	Total Backsights = 80.303 Total Foresights = 52.927 Diff. in Elev. = +27.376
15	5.030 4.850 4.670 14.550	4.850	180 180 360	6.044		4.570 4.397 4.224 13.191	4.397	173 173 346	6.087	B.M. 15-7 Peck Rd & Commerce Road See L.B. 1380-13 for description
	80.303					52.927				F.B. 13366 P.G. 31

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 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. 1364 P.G. 32

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 2201.02
From B.M. 15-6 To B.M. 43-1
Date 1-4-55
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
	5.584		194		#11	5.762		198		B.M. 15-6
	5.390		192			5.564		198		PECK RD. & ARROW HWY.
	5.193		3861			5.363		3941		SEE F.B. 1380-12
1	16.167	5.391		.386	45°	16.694	5.565		.394	FOR DESCRIPTION
	5.445		202			5.890		198		
	5.245		201			5.692		195		T. E. LANDA
	5.048		4031			5.497		3931		
2	15.730	5.243		.787		17.079	5.693		.787	
	5.890		199			5.204		198		
	5.291		197			5.011		192		
	5.494		3961			4.819		3851		
3	16.675	5.558		1.185		15.034	5.011		1.172	
	5.513		198			5.364		193		
	5.315		195			5.171		191		
	5.117		3931			4.980		3841		
4	16.945	5.648		1.575		15.515	5.172		1.555	
	5.767		195			4.732		193		
	5.572		193			4.539		193		
	5.379		3881			4.346		3861		
5	16.718	5.573		1.966		13.617	4.539		1.947	
			27.512				25.780			

F.B. 1326 P.G. 37

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. 22916
Notes by G. E. DREIER Time 9:45 TO 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 15-6 To B.M. 43-1
Date 1-4-55
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
	6.154	27.512	199			4.622	4.980	197		
	5.955		197			4.425		196		
	5.758		376			4.229		393		
6	17.867	5.956		2.362		13.276	4.425		2.955	
	0.067		1.98			4.315		193		
	5.869		197			4.122		189		
	5.672		395			3.933		382		
7	17.608	5.869		2.737		12.370	4.123		3.717	
	6.130		191			4.435		2.06		B.M. 43-1 (AZUSA A-11)
	5.939		188			4.229		206		ARROW HWY & LONGDEN AVE
	5.751		379			4.020		415		SEE A.E. 1952-7.
8	17.820	5.940		5.136		12.684	4.228		3.132	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 15-6 TO B.M. 43-1
										TOTAL BACKSIGHTS + 45.277
										TOTAL FORESIGHTS - 38.756
										DIFF. IN ELEVATION + 6.521
F.B. 1366 P.G. 34										
	45.277					38.756				

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10.50 TO 11.50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-1 To B.M. 15-6
Date 1-4-55
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
	4.480		207		#11	6.173		187		B.M. 43-1 (AZUSA A-11)
	4.273		205			5.986		188		ARROW HWY. & LONGDEN AVE
	4.068		412			5.798		375		SEE F.B. 1366-7
1	12.821	4.274		.412	50°	17.957	5.986		375	FOR DESCRIPTION
	4.502		191			6.255		198		
	4.311		190			6.057		197		⊼ E. LANDA
	4.121		381			5.860		395		
2	12.934	4.311		.793		18.172	6.057		770	
	4.662		199			6.192		198		
	4.463		196			5.994		95		
	4.267		395			5.799		393		
3	13.392	4.464		1.188		17.985	5.995		1.163	
	4.648		190			5.690		198		
	4.458		189			5.492		199		
	4.269		379			5.293		397		
4	13.375	4.458		1.567		16.475	5.492		1.560	
	5.078		196			5.516		197		
	4.882		192			5.319		195		
	4.690		388			5.124		392		
5	14.650	4.883		1.955		15.959	5.320		1.952	
		22.390					28.850			

F.B. 1366 P.G. 35

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 43-1 To B.M. 15-6
Date 1-4-55
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
	5.311, 22.396		195	1955		6.995		201	1.952	
	6.116		195			6.778		195		
	5.921		391			6.600		396		
6	18.348	6.116		2.345		20.296	6.765		8.235	
	5.917		198			5.472		202		
	5.719		198			5.270		199		
	5.521		396			5.071		401		
7	17.157	5.719		2.741		15.813	5.271		2.755	
	5.738		198			5.568		196		B.M. 15-6
	5.540		198			5.373		195		PECK RD. & ARROW HWY
	5.346		396			5.178		391		SEE FB. 1380-12
8	16.624	5.541		5.133		16.119	5.373		8.190	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-1 TO B.M. 15-6
										TOTAL BACKSIGHTS + 39.766
										TOTAL FORESIGHTS - 46.387
										DIFF IN ELEVATION - 6.621
	39.766					46.387				

F.B. 1366 P.G. 36

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-1 To B.M. 43-2
Date 1-4-55
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.661		170		#11	4.201		162		B.M. 43-1 (AZUSA A-11)
	5.497		169			4.039		166		ARROW Hwy & LONGDEN AVE.
	5.328		339'			3.873		328'		SEE F.B. 1366-7
1	16.492	5.497'		.339'		12.113	4.038'		.328	FOR DESCRIPTION
	6.683		164			4.320		163		
	6.519		166			4.157		165		T E. LA VIDA
	6.353		330'			3.992		328'		
2	19.555	6.518'		.669'		12.469	4.156'		.656'	
	6.651		170			4.153		168		
	6.481		168			3.985		164		
	6.313		338'			3.815		332'		
3	19.444	6.481'		1.007'		11.953	3.985		.988'	
	6.871		204			4.359		206		
	6.667		208			4.153		204		
	6.459		412'			3.949		410'		
4	19.997	6.666'		1.414'		12.461	4.154'		1.398'	
	5.715		205			5.200		205		
	5.510		203			4.995		204		
	5.307		408'			4.791		409'		
5	16.532	5.511'		1.827'		14.986	4.995'		1.807'	
	30.674'					21.326'				

F.B. 1366 P.G. 37

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 5001a
Notes by G. E. DREIER Time 3:00 TO 5:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-1 To B.M. 43-2
Date 1-4-54
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
	6.072	30.674'	204	1.827'		4.253	326'	204	1.807'	
	5.868		208			4.049		207		
	5.660		412'			3.842		411'		
6	17.600'	5.867'		2.239'		12.144'	1.048'		2.218'	
	6.659		208			4.371		203		
	6.451		206			4.168		205		
	6.245		414'			3.963		408'		
7	19.355'	6.452'		2.653'		12.502'	4.167'		2.626'	
	6.511		200			4.510		210		B.M. 43-2
	6.311		198			4.300		208		ARROW HWY AND
	6.113		398'			4.092		418'		SEE PTB. 1366.8
8	18.935'	6.312'		3.051'		12.902'	4.301'		3.011'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-1 TO B.M. 43-2
										TOTAL BACKSIGHTS +49.305'
										TOTAL FORESIGHTS -33.842'
										DIFF. IN ELEVATION +15.463'

F.B. 1366 P.G. 38

49.305' 33.842'

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 5001D
Notes by G. E. DREIER Time 10:15 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 48-2 To B.M. 43-1
Date 1-5-55
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
	4180		203			6.197		208		B.M. 43-2
	3.977		204			5.990		205		ARROW HWY
	3.773		407 ✓			5.785		413 ✓		SEE F.B. 1326-B
1	11.930 ✓	3.977 ✓		.407 ✓		17.972 ✓	5.991 ✓		.418 ✓ 2	FOR DESCRIPTION
	3.940		202			6.221		207		E. LANDA
	3.738		206			6.014		204		
	3.532		408 ✓			5.810		411 ✓		
2	11.210 ✓	3.737 ✓		.815 ✓		18.045 ✓	6.015 ✓		.824 ✓ 3	
	4.011		205			5.831		206		
	3.806		206			5.625		205		
	3.600		411 ✓			5.420		411 ✓		
3	11.417 ✓	3.806 ✓		.1226 ✓		16.876 ✓	5.625 ✓		.1234 ✓ 4	
	4.810		207			5.930		202		
	4.603		204			5.718		206		
	4.399		411 ✓			4.912		408 ✓		
4	13.812 ✓	4.604 ✓		1.637 ✓		15.350 ✓	5.117 ✓		1.642 ✓ 2	
	3.856		206			6.366		206		
	3.650		205			6.160		205		
	3.445		411 ✓			5.955		411 ✓		
5	10.951 ✓	3.650 ✓		2.048 ✓		18.481 ✓	6.160 ✓		2.054 ✓ 3	
	19.774 ✓					28.908 ✓				

F.B. 1326 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 11:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 43-2 To B.M. 43-1
Date 1-5-55
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
	H 20519.774		168	2.048		6708 28.908		170	2.053	
	4.040		167			6.538		169		
	3.873		335			6.369		339		
6	12.121	4.040		2.383		19.615	6.538		2.398	
	4351		167			6.715		165		
	4.184		164			6550		164		
	4020		331			6.386		329		
7	12555	4.185		2.714		19.651	6.550		2.717	
	4.253		163			5715		170		B.M. 43-1 (AZUSA A-11)
	4.090		164			5.548		170		ARROW HWY. & LONGDEN AVE
	3.926		327			5.378		340		SEE F.B. 1366-7
8	12.269	4.090		3.041	61°	16.644	5.548		3.059	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-2 TO B.M. 43-1
										TOTAL BACKSIGHTS + 32.089
										TOTAL FORESIGHTS - 47.544
										DIFF IN ELEVATION - 15.455
	32.089					47.544				

F.B. 1366 P.G. 40

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:00 70 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 2301.02
From B.M. 43-2 To B.M. 43-3
Date 1-5-55
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
1	5.344 5.098 4.851 15.293	5.098	246 247 493	.493		5.667 5.419 5.174 16.260	5.420	248 245 493	.493	B.M. 43-2 (L.A. Co. R.S. Dept 1950) ARROW HWY & ARROW (OLD & NEW) See F.B. 1366-B for description
2	5.601 5.396 5.[illegible] [illegible]	5.396	205 205 410	.903		3.687 3.480 3.276 10.443	3.481	207 204 411	.904	⊼ E. LANDA
3	6.703 6.499 6.293 19.495	6.498	204 206 410	.313		3.617 3.4[illegible] 3.208 10.236	3.412	206 203 409	1.313	
4	6.428 6.222 6.019 18.669	6.223	206 203 409	1.722		3.465 3.25[illegible] 3.053 9.[illegible]	3.2[illegible]	207 206 413	1.726	
5	6.702 6.498 6.293 19.493	6.498	204 205 409	2.121		3.[illegible] 3.595 3.390 10.283	3.[illegible]	207 203 410	2.136	
		29.713					19.166			

F.B. 1366 P.G. 41

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 9:00 TO 1:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-2 To B.M. 43-3
Date 1-5-55
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
	6748	29.713	208	2131		4.675	19.166	204	2.136	B.M. 43-3 (AZUSA B-11)
	6.540		204			4.471		201		ARROW HWY & BATEMAN
	6.336		412			4.270		405		SEE F.B. 1366-9
6	19.624	6.541		2.543		13.416	4.472		2.541	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-2 TO B.M. 43-3
										TOTAL BACKSIGHTS +36.254
										TOTAL FORESIGHTS -23.638
										DIFF IN ELEVATION +12.616

F.B. 1366 P.G. 42

36.254 23.638

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 9:45 TO 10:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 43-3 To B.M. 43-2
Date 1-5-55
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
	4.711		205			6.784		205		B.M. 43-3 (AZUSA B-11)
	4.506		205			6.579		207		ARROW Hwy & [illegible] AVE
	4.301		410			6.372		412		SEE F.B. 1366-9
1	13.518	4.506		.410	54°	19.735	6.578		.412	FOR DESCRIPTION
	3.790		207			6.694		205		
	3.583		204			6.489		206		T E. LANDA
	3.379		411			6.283		411		
2	10.752	3.584		.821		19.466	6.489		.823	
	3.437		207			6.398		206		
	3.230		205			6.192		203		
	3.025		412			5.989		409		
3	9.692	3.231		1.233		18.579	6.193		1.232	
	3.481		206			6.568		206		
	3.275		204			6.362		203		
	3.071		410			6.159		409		
4	9.827	3.276		1.643		19.089	6.363		1.641	
	3.759		206			5.676		206		
	3.553		203			5.470		206		
	3.350		409			5.264		412		
5	10.662	3.554		2.052		16.410	5.470		2.053	
	18.151					31.093				

F.B. 1341 P.G. 43

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 1:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-3 To B.M. 43-2
Date 1-5-55
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
	5.648	18.151	248	2052		5321		246	2053	B.M. 43-2 (NEW GOLD)
	5.400		248			5.075		245		ARROW HWY (ARROW Hwy
	5.152		496			4.820		491		SEE F.B. 1366-8
6	16.200	5.400		2548		15.226	5.075		2544	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-3 TO B.M. 43-2
										TOTAL BACKSIGHTS + 23.551
										TOTAL FORESIGHTS - 36.168
										DIFF IN ELEVATION - 12.617

F.B. 1366 C.P.G. 414

23.551 36.168

76P526 G & 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 3:00 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From B.M. 43-3 To B.M. 43-4
Date 1-5-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.525		202		#11	4.265		200		B.M. 43-3
	7.323		200			4.065		196		ARROW Hwy & DATE ? AVE
	7.123		402			3.869		396		SEE F.B. 13CC-9
1	21.971	7.324		402	58°	12.199	4.066		396	FOR DESCRIPTION
	4.453		205			5.202		208		T E. LANDA
	4.248		208			4.994		204		
	4.040		413			4.790		412		
2	12.741	4.247		.815		14.986	4.995		.808	
	7.283		206			3.920		210		
	7.077		206			3.710		211		
	6.871		412			3.499		421		
3	21.231	7.077		1.227		11.129	3.710		1.229	
	6.769		210			3.878		209		
	6.559		209			3.669		209		
	6.350		419			3.460		418		
4	19.678	6.559		1.646		11.007	3.669		1.647	
	6.213		207			3.957		206		
	6.006		207			3.751		204		
	5.799		414			3.547		410		
5	18.018	6.006		2.060		11.255	3.752		2.057	
	31.213					20.192				

F.B. 13CC P.G. 4-5

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 OVERCAST Inst. No. 5001.0
Notes by Time 3:00 TO 4:45 Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 43-3 To B.M. 43-4
Date 1-5-54
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
	6.811	31.213	206	2.060		3.914	20.192	206	2.057	
	6.605		205			3.708		208		
	6.400		1411			3.580		414		
6	19.816	6.605		2.471		11.202	3.707		2.471	
	6898		196			3566		194		ARROW HWY, W. OF DAM T.B.M. L.S.D. IN MIDDLE OF N. CONC. HEADWALL OF CULVERT PAINTED "B.M."
	6.702		193			3.372		191		
	6.509		389			3.181		385		
7	20.109	6.703		2.860		10.119	3.373		2.856	
	5490	44.521	226			4194	21.272	216		
	5.264		224			3.998		217		SUMMATION OF RUN
	5.040		450			3.761		433		B.M. 43-3 TO B.M. 43-4
8	15.794	5.265		3.310		11.933	3.978		3.289	TOTAL BACKSIGHTS +62.384
	6.299		208			2.969		209		TOTAL FORESIGHTS -37.788
	6.091		208			2.760		206		DIFF IN ELEVATION +24.596
	5.883		416			2.554		415		
9	18.273	6.091		3.726		8.283	2.761		3.704	
	6,716		209			3.980		203		B.M. 43-4 L.A.Co.SD 1954
	6.507		208			3.777		204		ARROW HWY, W. OF DAM, E. OF B.C.
	6.299		417			3.573		407		SEE F.B. 1366-10
10	19.522	6.507		4.143	54°	11.330	3.777		4.111	FOR DESCRIPTION
	62384					37.788				

F.B. 1366 P.G. 46

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-4 To B.M. 43-3
Date 1-7-55
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
	4171		202			6.901		205		B.M. 43-4 (RD. DEPT MON.)
	3969		202			6.696		207		ARROW HWY AT B.C. W. OF DAM
	3.767		404			6.489		412		SEE F.B. 1366-10
1	11.907	3.969		404	52°	20.086	6.695		.412	FOR DESCRIPTION
	3.061		208			6.391		208		⊼ E. LANDA
	2.853		205			6.183		207		
	2.648		413			5.976		415		
2	8.562	2.854		817		18.550	6.183		.827	
	4432		220			5.719		221		T.B.M. ARROW HWY, N.
	4.212		218			5.498		220		SIDE, W. OF DAM. L & N. IN
	3.994		438			5.278		441		MIDDLE OF CULVERT H'DWALL
3	12.638	4.213		1.255		16.495	5.498		1.268	PAINTED "B.M."
	3.685	11.036	194			7.012	18.376	193		
	3.491		191			6.819		195		
	3.300		385			6.624		388		
4	10.476	3.492		1.640		20.455	6.818		1.656	
	3.850		209			6.742		204		
	3.641		205			6.538		204		
	3.436		414			6.334		408		
5	10.927	3.642		2.054		19.614	6.538		2.064	
		18.170					31.732			

F.B. 1366 P.G. 47

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 9.30 TO 10.10 Rod No 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 030402
From B.M. 43-4 To B.M. 43-3
Date 1-7-55
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
	4.137	18.170	206	2054		6396	31732	209	2.064	
	3.931		204			6187		207		
	3.727		410			5980		416		
6	11.795	3.932		2464		18563	6188		2.480	
	3.950		208			6844		211		
	3.742		206			6633		208		
	3.536		414			6425		419		
7	11.228	3.743		2.878		19902	6.634		2899	
	3.963		213			7321		203		SUMMATION OF RUN
	3.750		211			7.118		203		B.M. 43-4 TO B.M. 43-3
	3.539		424			6.915		406		TOTAL BACKSIGHTS + 38.863
8	11.252	3.751		3.302		21.954	7.118		3.305	TOTAL FORESIGHTS - 63.456
	5.431		208			4682		205		DIFF IN ELEVATION - 24.593
	5.223		205			4.477		206		
	5.018		413			4271		411		
9	15.672	5.224		3.715		13.430	4.477		3.716	
	4242		200			7.508		201		B.M. 43-3 (AZUSA B-11)
	4.042		196			7.307		201		ARROW Hwy. & [illegible]
	3.846		396			7.106		402		SEE F.B. 1366-9
10	12.130	4.043		4.111		21.921	7.307		4.118	FOR DESCRIPTION
	38.863					63.456				

F.B. 1366 P.G. 41

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 7:20 TO 7:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.30.1.02
From B.M. 43-4 To B.M. 43-4A
Date 1-7-55
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
	5.310		020		#11	5.491		015		B.M. 43-4 (RD. DEPT. MON.
	5.290		021			5.476		015		ARROW HWY, W. OF DAM, E. OF B.C.
	5.269		✓ 041 ✓			5.461		✓ 030 ✓		SEE F.B. 1366-10
1	15.869 ✓	5.290		.041	52°	16.428 ✓	5.476		.030	FOR DESCRIPTION
										B.M. 43-4A (AZUSA C-11A
										ARROW HWY, W. OF DAM, E. OF B.C.
										SEE F.B. 1366-10
	5519		016			5 338		020		+5.290 ✓ +5.504 ✓
	5.503		014			5.318		021		-5.476 ✓ -5.318 ✓
	5.489		✓ 030 ✓			5.297		✓ 041 ✓		-0.186 ✓ +0.186 ✓
1	16.511 ✓	5.504		080		15.953 ✓	5.318		.041	B.M. 43-4 (RD. DEPT. MON.
										F.B. 1366 PG. 42
										DIFF IN ELEVATION
										B.M. 43-4 TO B.M. 43-4A
										-0.186 ✓

76P526 S & E #379 1-54

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

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

Number of Station	BACKSIGHT 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

F.B. 1366 P.G. 50

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 9:15 TO 10:45 Rod No. [illegible]

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 43-4 To B.M. 43-E
Date 1-6-55
Indexed [illegible] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.511 6.387 6.261 19.159	6.386	124 126 250	250	#11 46°	4.468 4.342 4.219 13.029	4.343	126 123 249	.249	B.M. 43-4 ARROW HWY. W. OF DAM, E. OF B.C. SEE F.B. 1366-10 FOR DESCRIPTION
2	6.875 6.670 6.463 20.008	6.669	205 207 412	662		3.962 3.756 3.551 11.269	3.756	206 205 411	.660	⊼ E. LANDA
3	[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible]	[illegible]		4.754 4.550 4.347 13.651	4.550	204 203 407	1.067	
4	5.851 5.645 5.440 16.936	5.645	206 205 411	1.485		4.687 4.479 4.273 13.439	4.480	208 206 414	1.481	
5	5.778 5.572 5.370 16.720	5.573	206 202 408	1.893		4.865 4.659 4.453 13.977	4.659	206 206 412	1.893	
		30.656					21.788			

F.B. 1366 P.G. 51

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 9:15 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-4 To B.M. 43-5
Date 1-6-55
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
	6.017	30.656	207	1.893		4.933	[illegible]	205	1.893	
	5.810		204			4.728		207		
	5.606		411			4.521		412		
6	17.433	5.811		2.304		14.182	4.727		2.305	
	6.554		204			3.690		209		Summation of Run
	6.350		205			3.481		206		B.M. 43-4 To B.M. 43-5
	6.145		409			3.275		415		
7	19.049	6.350		2.713		10.446	3.482		2.720	
	7.373		205			3.644		206		Total Backsights = + 61.849
	7.168		207			3.438		206		" Foresights = - 40.478
	6.961		412			3.232		412		Diff in Elev = + 21.371
8	21.502	7.167		3.125		10.314	3.438		3.132	
	7.447		207			2.629		209		B.M. 43-5A
	7.240		203			2.420		206		ARROW HWY, N. SIDE AT S.F. FLOOD CONTROL
	7.037		410			2.214		415		DAM GATES L & T. 1' N. CURB LINE
9	21.724	7.241		3.535		7.263	2.421		3.547	AT W. END BRIDGE PAINTED "B.M." SEE F.B. 1366-11 FOR DESC.
	4.772	[illegible]	147			4.770	[illegible]	148		B.M. 43-5 1366-11
	4.625		149			4.622		147		ARROW HWY, N. SIDE, AT S.F. F.C.
	4.476		296			4.475		295		DAM GATE, L & T. 1' N. CURB LINE
10	13.873	4.624		3.831		13.867	4.622		3.842	AT E. END OF BRIDGE PAINTED "B.M." SEE F.B. 1366-11 FOR DESC.
		61.849					40.478			

F.B. 1366 P.G. 52

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No 50010
Notes by G.E.DREIER Time 8:30 TO Rod No 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 43-5 To B.M. 43-4
Date 1-2-54
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
	4.734		147		#11	4.740		149		B.M. 43-5
	4.587		148			4.591		148		ARROW Hwy AT S.P. RR OVER GATE
	4.439		295			4.443		297		SEE F.B. 1366-11
1	13.760	4.587		295	44°	13.774	4.591		297	FOR DESCRIPTION
	2.694		206			7.510		207		B.M. 43-5A
	2.488		208			7.303		204		
	2.280		414			7.099		411		
2	7.462	2.487		709		21.912	7.304		708	
	3.630		209			7.360		207		
	3.421		205			7.153		205		
	3.216		414			6.948		412		
3	10.267	3.422		1.123		21.461	7.154		1120	
	3.759		208			6.620		205		
	3.551		207			6.415		204		
	3.344		415			6.211		409		
4	10.654	3.551		1.538		19.246	6.415		1.529	
	4.939		207			6.024		205		
	4.732		203			5.819		206		
	4.529		410			5.613		411		
5	14.200	4.733		1.948		17.456	5.819		1.940	
		18.780					31.283			

F.B. 1366 P.G. 53

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 8:30 TO 2:20 Rod No. 11412

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-5 To B.M. 43-4
Date 1-7-55
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
	4.958	19780	206	1948		5.871	31.283	206	1940	
	4.752		203			5.665		205		
	4.549		409			5.460		411		
6	14.259	4.753		2357		16.996	5.665		2358	
	4.183		206			6.059		206		
	4.677		206			5.844		205		
	4.471		412			5.638		411		
7	14.031	4.677		2769		17.541	5.844		2768	
	4.815		205			6.650		206		
	4.610		205			6.444		204		Summation of Run
	4.405		410			6.240		410		B.M. 43-5 TO B.M. 43-4
8	13.830	4.610		3179		19.334	6.445		3178	
	3.958		206			6.874		206		Total Backsights = 40.981
	3.752		207			6.668		206		" Foresights = -62.353
	3.545		413			6.462		412		Diff. in Elev. = -21.372
9	11.255	3.752		3592		20.004	6.668		3584	
F.B. 1366 P.G. 54	4.533		123			6.573		124		B.M. 43-4
	4.410		125			6.447		126		ARROW HWY, E. OF B.C. IN. OF DAM
	4.285		248			6.323		250		SEE F.B. 1366-10
10	13.228	4.409		3840	57°	19.345	6.448		3833	FOR DESCRIPTION
	40.981					62.353				

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 1:45 To 3:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-5 To B.M. 43-6
Date 1-7-55
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
	2.955		157		#11	7.049		158		B.M. 43-5
	2.798		158			6.891		156		ARROW HWY & SANTA FE R.C.
	2.640		315 ✓			6.735		314 ✓		DAM GATE
1	5.593 ✓	2.795		315 ✓	58°	20.675 ✓	6.892		.314 ✓	SEE F.B. 1366-11 FOR DESC.
	3.128		209			7.211		204		↑ G.E. Dreier
	2.919		207			7.007		204		
	2.712		416 ✓			7.103		408 ✓		
2	8.759 ✓	2.920		731 ✓		24021 ✓	8.009		722 ✓	
	3536		205			6043		200		
	3331		206			5843		201		
	3125		411 ✓			5642		401 ✓		
3	9992 ✓	3.331		1142 ✓		17528 ✓	5.843		1123 ✓	
	5492		262			5318		255		
	5230		262			5063		254		
	4968		524 ✓			4809		509 ✓		
4	15690 ✓	5.230		1666 ✓		15190 ✓	5.063		1632 ✓	
	6342		205			5485		205		
	6137		205			5280		202		
	5932		410 ✓			5078		407 ✓		
5	18411 ✓	6.139 ✓		2076 ✓		15843 ✓	5.281 ✓		2039 ✓	
		20.416 ✓					31.086 ✓			

F.B. 1366 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 E. Landa Time 1:45 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-5 To B.M. 43-6
Date 1-7-55
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
	4619	20.412	207	2076		4580	31.082	206	2039	
	4412		205			4374		203		
	4207		412			4171		409		
6	13238	4.413		2488		13125	4.375		2448	
	5557		205			4913		204		
	5352		201			4709		201		
	5151		406			4505		408		
7	16060	5.353		2894		14127	4.709		2856	
	5801		205			5209		207		
	5596		203			5002		205		
	5393		408			4797		412		
8	16790	5.597		3302		15008	5.003		3268	
	5289		205			4971		204		
	5082		203			4767		204		
	4879		408			4563		408		
9	15248	5.083		5913		14301	4.767		3676	
	5132		198			4691		210		
	4934		197			4488		209		
	4737		395			4279		419		
10	14803	4.934		4105		13465	4.488		4095	
	45.796					54.428				

F.B. 1366 P.G. 55

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 E. Landa Time 1:45 To 3:00 Rod No. 11 E 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0.201.02
From B.M. 43-5 To B.M. 43-6
Date 1-2-55
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
	5551	5.796	203	4105		4715	4.428	205	4095	
	5351		202			4510		204		
	5148		207			4306		409		
11	16052	5351		4512		13531	4.510		4504	
	6439		207			4822		202		B.M. 43-6
	6232		203			4620		202		Arrow Hwy. & Maine Ave
	6029		410			4418		404		See F.B. 1366-12
12	18700	6.233		4922		13860	4.620		4908	for description
										Summation of Run
										B.M. 43-5 To B.M. 43-6
										Total Backsights = 59.380
										Total Foresights = - 63.558
										Diff. in Elev. = - 4.178
										F.B. 1324 P.G. 57
	59.380					63.558				

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. 364 P.G. 58

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 E. Lenda Time 11:00 To 12:00 Rod No. 11612

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 43-6 To B.M. 43-5
Date 1-7-55
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
1	4565 4368 4163 13134	4.368	200 200 400	400	#11 56°	6186 5982 5778 17946	5.982	204 204 408	408	B.M. 43-6 Arrow Hwy. & Vine Ave See F.B. 1366-12 for description
2	4774 4571 4361 13712	4.571	203 208 407	807		5620 5413 5210 16243	5.414	207 203 410	818	G.E. Dreier
3	4753 4555 4351 13664	4.555	203 204 407	1214		5209 5002 4790 15009	5.003	205 203 408	1226	
4	5105 4900 4697 14702	4.901	205 203 408	1622		5321 5117 4913 15351	5.117	204 204 408	1634	
5	5213 5008 4803 15024	5.008	205 205 410	2032		5804 5599 5397 16800	5.600	205 202 407	2041	
		23.303					27.116			

F.B. 1366 P.G. 12

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-6 To B.M. 43-5
Date 1-7-55
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
	4850	23.303	206	2032		5492	27.116	203	2041	
	4644		204			5289		206		
	4440		410			5083		409		
6	13934	4.645		2442		15864	5.288		2450	
	4801		205			4837		206		
	4596		205			4631		206		
	4391		410			4425		412		
7	13788	4.596		2852		13893	[illegible]		2862	
	5362		203			6223		206		
	5159		201			6017		205		
	4958		404			5812		411		
8	15479	5.160		3256		18052	6.017		3273	
	5113		256			5290		260		
	4857		256			5030		259		
	4601		512			4771		519		
9	14571	4.857		3768		15091	5.030		3792	
	6160		201			3651		203		
	5959		201			3448		206		
	5758		402			3242		409		
10	17877	5.959		4170		10341	3.447		4201	
		48.520					51.529			

F.B. 1366 P.G. 60

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 11:00 To 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-6 To B.M. 43-5
Date 1-1-55
Indexed M. 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
	3406	48.520	219	4170		3297	51.529	196	4201	
	3687		217			3101		193		
	7912		434			2908		389		
11	24567	8.189		4604		9306	3.102		4590	
	7061		151			2981		163		B.M. 43-5
	6910		50			2818		165		Arrow Hwy & Santa Fe RR.
	6760		301			2653		328		Dam Gate
12	20731	6.910		4905	59°	8452	2.817		4918	Ref. B.M. 1366-11 Sordesc.
										Summation of Run B.M. 43-6 To B.M. 43-5
										Total Backsights = + 63.619
										Total Foresights = - 57.448
										Diff. in Elev = + 6.171
										F.B. 1326 PG. 61
	63.619					57.448				

76P526 S & E #379 1-54

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

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

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

F.B. 426 P.G. 6.2

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 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-6 To B.M. 43-8
Date 1-10-55
Indexed L. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.106		207		#11	5.077		203		B.M. 43-6
	6.899		203			4.874		199		ARROW HWY & MAINE AVE (N'LY &)
	6.696		410			4.675		402		SEE F.B. 1366-12
1	20.701	16.900		410	50°	14.626	4.875		402	FOR DESCRIPTION
	6.262		205			4.170		207		
	6.057		203			3.963		205		E. LANDA
	5.854		408			3.758		412		
2	18.173	6.058		818		11.891	3.964		814	
	6.019		207			4.789		208		
	5.812		204			4.581		204		
	5.608		411			4.377		412		
3	17.439	5.813		1.229		13.747	4.582		1226	
	6.081		206			4.763		206		
	5.875		205			4.557		205		
	5.670		411			4.352		411		
4	17.626	5.875		1.640		13.672	4.557		1637	
	6.229		207			4.858		205		
	6.022		205			4.653		203		
	5.817		412			4.450		408		
5	18.068	6.023		2.052		13.961	4.654		2045	
	30.669					22.632				

F.B. 1366 P.G. 63

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No 50010
Notes by G. E. DREIER Time 10:15 TO 2:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.30102
From B.M. 43-6 To B.M. 43-8
Date 1-10-55
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
	6.289	30.669'	207	2.052'		4.559	28.633'	207	2.045'	+36.752
	6.082		205			4.352		203		-26.985
	5.877		412'			4.149		410'		+ 2.767
6	18.248'	6.083'		2.464'		13.060'	4.353'		2.455'	
	5.934	36.752'	162			4.744	28.985'	161		B.M. 43-7
	5.772		160			4.583		161		ARROW Hwy & BLEEKER AVE
	5.612		322'			4.422		322'		See F.B. 1366-13
7	17.318'	5.773'		2.786'		13.749'	4.583'		2.777'	for description
	6.241		204			4.501		204		
	6.037		206			4.297		206		
	5.831		410'			4.091		410'		
8	18.109'	6.036'		3.196'		12.889'	4.296'		3.187'	
	6.497		205			4.680		208		
	6.292		203			4.472		204		
	6.089		408'			4.268		412'		
9	18.878'	6.293'		3.604'		13.420'	4.473'		3.599'	
	6.312		206			4.753		205		
	6.106		206			4.548		206		
	5.900		412'			4.342		411'		
10	18.318'	6.106'		4.016'		13.643'	4.548'		4.010'	
	60.960'					44.885'				

F.B. 1366 P.G. 44

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-6 To B.M. 43-8
Date 1-10-55
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
	6.240	60.960	206	4016		4.420	44.885	201	4010	
	6.034		203			4.219		201		
	5.831		409	425		4.018		402	412	
11	18.105	6.035		4.016		12.657	4.219		4.010	
										SUMMATION OF RUN
										B.M. 43-6 TO B.M. 43-8
										TOTAL BACKSIGHTS + 66.995
										TOTAL FORESIGHTS - 49.104
										DIFF IN ELEVATION + 17.891
										43-6 TO 43-7 + 9.767
										43-7 TO 43-8 + 8.124
		66.995					49.104			

F.B. 1366 P.G. 65

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 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0361.02
From B.M. 43-8 To B.M. 43-6
Date 1-10-55
Indexed L. O. Johnson

F.B. 1366 P.G. 6-6

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
	4.431		202			6.247		207		B.M. 43-8
	4.229		201			6.040		205		ARROW Hwy & ELTON AVE
	4.028		403'			5.835		412'		SEE F.B. 1366-14
1	12.688'	4.229'		.403		18.122'	6.041'		.412	FOR DESCRIPTION
	4.700		208			6.262		205		T E. LANDA
	4.492		204			6.057		206		
	4.288		412'			5.851		411'		
2	13.480'	4.493'		.815'		18.170'	6.057'		.823	
	4.674		205			6.491		206		
	4.469		209			6.285		206		
	4.260		414'			6.080		411'		
3	13.403'	4.468'		1.229'		18.856'	6.285		1.234'	
	4.498		206			6.241		205		-30.054
	4.292		205			6.036		205		+21.929
	4.087		411'			5.831		410'		- 8.125
4	12.877'	4.292'		1.640'		18.108'	6.036		1.644	
	4.608		162			5.797		163		B.M. 43-7
	4.446		160			5.634		159		ARROW Hwy & BLEEKER AVE.
	4.286		322'			5.475		322'		SEE F.B. 1366-13
5	13.340'	4.447'		1.962'		16.906'	5.635'		1.966'	FOR DESCRIPTION
	21.929'					30.054'				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 2:15 TO Rod No. 586

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-B To B.M. 43-C
Date 1-10-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.427	21.929'	207	1.962'		6.159	30.054'	206	1.966'	
	4.220		203			5.953		204		
	4.017		410'			5.749		410'		
6	12.664'	4.221'		2.372'		17.861'	5.954'		2.376'	
	4.702		203			6.071		208		
	4.499		204			5.863		204		
	4.295		407'			5.659'		412'		
7	13.496'	4.499'		2.779'		17.593'	5.864'		2.788'	
	4.656		208			5.971		203		
	4.448		208			5.768		206		
	4.240		416'			5.562'		409'		
8	13.344'	4.448'		3.195'		17.301'	5.767'		3.197'	
	4.538		207			5.760		203		
	4.331		206			5.557		205		
	4.125		413'			5.352'		408'		
9	12.994'	4.331'		3.608'		16.669'	5.556'		3.605'	
	4.200		208			6.291		205		
	3.992		204			6.086		203		
	3.788		412'			5.883'		408'		
10	11.980'	3.993'		4.020'		18.260'	6.087'		4.013'	
		43.421'					59.282'			

F.B. 1366, P.G. 6-2

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. 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. 43-8 To B.M. 43-6
Date 1-10-55
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
	4.145	43421	202	4.020		6.169	59282	205	4.013	B.M. 43-6 (NW & INTER)
	3.945		200			5.964		202		ARROW HWY & MAINE AVE.
	3.743		402			5.762		407		SEE F.B. 1366-12
11	11.831	3.944		4.422		17.895	5.965		4.420	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-8 TO B.M. 43-6
										TOTAL BACKSIGHTS + 47.365
										TOTAL FORESIGHTS - 65.247
										DIFF IN ELEVATION - 17.882
										43-8 TO 43-7 - 8.125
										43-7 TO 43-6 - 9.757
		47.365					65.247			

F.B. 1366 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 2:20 TO 2:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-8 To B.M. 43-9
Date 1-13-55
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
	5.715		203		#11	4.582		204		B.M. 43-8
	5.512		201			4.378		206		ARROW HWY & ELTON ST
	5.311		404'			4.172		410'		SEE F.B. 1326-14
1	16.538'	5.513'		404'	66°	13.132'	4.377'		410'	FOR DESCRIPTION
	6.819		217			4.277		216		↑ E. LANOA
	6.602		214			4.061		212		
	6.388		431'			3.849		428'		
2	19.809'	6.603'		535'		12.187'	4.062'		538'	
	5.372		207			4.361		208		
	5.165		206			4.153		205		
	4.959		413'			3.948		413'		
3	15.496'	5.165'		1248'		12.462'	4.154'		1251'	
	6.011		211			3.833		204		
	5.800		209			3.629		204		
	5.591		420			3.425		408'		
4	17.402'	5.801'		1668'		10.887'	3.629'		1659'	
	6.319		208			4.025		206		
	6.111		206			3.819		205		
	5.905		414'			3.614		411'		
5	18.335'	6.112'		2082'		11.458'	3.819'		2075'	
	29.194'					20.041'				

F.B. 1326 P.G. 5-9

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 2:20 TO 2:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-8 To B.M. 43-9
Date 1-13-55
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
	6.090	29.194'	207	2.582'		4.417	28.041'	208	2.070'	
	5.883		203			4.209		207		
	5.688		410'			4.002		415'		
6	17.653'	5.884'		2.492'		12.628'	4.209'		2485'	
	5.170		205			4.780		208		
	4.965		205			4.572		205		
	4.760		410'			4.367		413'		
7	14.895'	4.965'		2.902'		13.719'	4.573'		2.898'	
	5.405		134			4.951		133		
	5.271		131			4.818		133		
	5.140		265'			4.685		266		
8	15.816'	5.272'		3.167'		14.454'	4.818'		3.164'	
	5.292		133			4.754		133		B.M. 43-9
	5.159		134			4.621		131		ARROW Hwy & AZUSA CANYON RD.
	5.025		267'			4.490		264'		SEE F.B. 136-15
9	15.476'	5.159'		3.434'		13.865'	4.622'		3.428'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 43-8 TO B.M. 43-9
										TOTAL BACKSIGHTS +50.474'
										TOTAL FORESIGHTS -38.263'
	50.474'					38.263'				DIFF IN ELEVATION +12.211'

F.B. 136 P.G. 10

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 1:45 TO 2:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-9 To B.M. 43-8
Date 1-13-55
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
	4.759		135		#11	5.291		132		B.M. 43-9
	4.624		133			5.159		130		ARROW Hwy & AZUSA CANYON RD
	4.491		268'			5.029		262'		SEE F.B. 1366-15
1	13.874'	4.625'		.268'	66°	15.479'	5.160'		.262'	FOR DESCRIPTION
	4.948		136			5.401		131		
	4.512		132			5.270		131		
	4.680		268'			5.139		262'		
2	14.440'	4.813'		.536'		15.810'	5.270'		.524'	
	4.757		208			5.117		206		
	4.549		207			4.911		203		
	4.342		415'			4.708		409		
3	13.648'	4.549'		.791'		14.136'	4.912'		.933'	
	4.411		208			6.116		206		
	4.203		205			5.910		202		
	3.998		413'			5.708		408		
4	12.612'	4.204'		1.364'		17.734'	5.911'		1.341'	
	4.090 14.191		207			6.380 21.255		207		
	3.883		203			6.173		205		
	3.680		410'			5.968		412		
5	11.653'	3.884'		1.774'		18.521'	6.174'		1.753'	
	22.075'					27.427'				

F.B. 1366 P.G. 21

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 1.45 TO 2.20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 43-9 To B.M. 43-8
Date 1-13-55
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
	3 86422.075		205	1.774		6045	27.427	211	1.753	
	3.659		206			5.834		209		
	3.453		418			5.625		420		
6	10.976	3.659	1	2.18 5		17.504	5.835		2.173	
	4.350		210			5359		209		
	4140		207			5150		208		
	3.933		417			4.942		417		
7	12.423	4.141		260 2		15.451	5.150		2590	
	4.170		217			6.712		214		
	3.953		213			6.498		213		
X	3.740		430			6.285		427		
8	11.863	3.954		3.03 2		19.495	6.498		3.017	
	4.580		207			5712		202		B.M. 43-8
	4.373		203			5.510		200		ARROW Hwy & ELTON ST.
	4.170		410			5.310		1402		SEE F.B. 1366-14
9	13.123	4.374		3.44 2		16.532	5.511		3.419	FOR DESCRIPTION
F.B. 1366 P.G. 22										SUMMATION OF RUN
										B.M. 43-9 TO B.M. 43-8
										TOTAL BACKSIGHTS + 38.203'
										TOTAL FORESIGHTS - 50.421'
	38.203'					50.421'				DIFF IN ELEVATION - 12.218'

76P526 S & E #379 1-54

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M.43-9 To B.M.16-1
Date 1-13-55
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
	5.392		211		#11	4.073		207		B.M.43-9
	5.181		209			3.866		206		ARROW HWY & AZUSA CANYON RD
	4.972		420			3.660		413		SEE F.B. 1366-15
1	15545	5.182		420	66°	11.599	3.866		413	FOR DESCRIPTION
	6.091		207			3.725		206		
	5.884		204			3.519		203		E. LANDA
	5.680		411			3.316		409		
2	17.655	5.885		831		10.560	3.520		822	
	7.278		211			5.320		201		
	7.067		209			5.119		198		
	6.858		420			4.921		399		
3	21.203	7.068		1.251		15.360	5.120		1.221	
	5.050		208			4.651		206		
	4.842		204			4.445		203		
	4.638		412			4.242		409		
4	14.530	4.843		1.663		13.338	4.446		1.630	
	5.580		206			4.920		209		
	5.374		204			4.711		209		
	5.170		410			4.502		418		
5	16.124	5.375		2.073		14.133	4.711		2.048	
	28.353					21.663				

F.B. 1366 P.G. 23

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 3:00 TO Rod No 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 43-9 To B.M. 16-1
Date 1-13-55
Indexed C. Johnson

F.B. 1366 P.G. 74

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
	5.334	28353'	204	2.073'		4.813	663'	203	2.048'	
	5.130		203			4.610		203		
	4.927		407			4.407		406		
6	15.391'	5.130'		2.486'		13.830'	4.610'		2.454'	
	5.369		203			4.865		210		
	5.166		201			4.655		209		
	4.965		404'			4.446		419		
7	15.500'	5.167'		2.884'		13.966'	4.655'		2.873'	SUMMATION OF RUN
	5.618		210			4.968		207		B.M. 43-9 TO B.M. 16-1
	5.408		209			4.761		204		TOTAL BACKSIGHTS +54.224'
	5.199		419			4.557		411		TOTAL FORESIGHTS -44.153'
8	16.225'	5.408'		3.303'		18.286	4.762'		3.284'	DIFF IN ELEVATION +10.071'
	4.894		155			4.580		158		
	4.739		156			4.422		156		
	4.583		311			4.266		314		
9	14.216'	4.739'		3.614'		13.268'	4.423'		3.598'	
	5.584		156			4.200		160		B.M. 16-1
	5.428		158			4.040		160		IRWINDALE AVE & ARROW Hwy
	5.270		314			3.880		320		SEE F.B. 1380-200
10	16.282'	5.427'		3.928'		12.120'	4.040'		3.918'	FOR DESCRIPTION
	54.224'					44.153'				

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 1:45 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 16-1 To B.M. 43-9
Date 1-13-55
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
	4154		156		#11	5.546		162		B.M. 16-1
	3.998		158			5 384		159		IRWINDALE AVE. & ARROW HWY
	3.840		314'			5 225		321'		SEE F.B. 1380 -200
1	11.992	3.997'		314'		16.155'	5.385'		321'	FOR DESCRIPTION
	4.621		159			4.933		154		T E. LANDA
	4.462		156			4.779		151		
	4.306		315'			4.628		305'		
2	13.389	4.463'		.629'		14.340'	4.780'		.626'	
	4948		207			5.597		208		
	4.741		204			5.389		209		
	4.537		411'			5.180		417'		
3	14.226'	4.742'		1.040'		16.166'	5.389'		1.043'	
	4.878		205			5.391		206		
	4.673		204			5.185		205		
	4.469		409'			4.980		411'		
4	14.020'	4.673'		1.449'		15.556'	5.185'		1.454'	
	4.816		205			5335		204		
	4.611		202			5 131		202		
	4.409		407'			4.927		406'		
5	13.836'	4.612'		1.856'		15.395'	5.132'		1.860'	
		22.487'					25.871'			

F.B. 1366 P.G. 75

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 1:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 16-1 To B.M. 43-9
Date 1-13-55
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
	5.084	22.487	207	1856		5.748	25.871	208	1.860	
	4.877		208			5.540		205		
	4.669		415'			5.335		413'		
6	14.630'	4.877'		2,271'		16.623'	5.541'		2,273'	
	4.703		203			5.102		205		
	4.500		202			4.897		205		
	4.298		405'			4.692		410'		
7	13.501'	4.500'		2,676'		14.691'	4.897'		2683'	
	5.361		199			7.320		209		SUMMATION OF RUN
	5.162		196			7.111		211		B.M. 16-1 TO B.M. 43-9
	4.966		395'			6.900		420'		TOTAL BACKSIGHTS +44.629'
8	15.489'	5.163'		3071'		21.331'	7.110'		3103'	TOTAL FORESIGHTS -54.703'
	3.870		205			6.236		206		DIFF IN ELEVATION -10.074'
	3.665		205			6.030		204		
	3.460		410'			5.826		410'		
9	10.995'	3.665'		3.481'		18.092'	6.031'		3513'	
F.B. 1346 P.G. 74	4.145		208			5.461		209		B.M. 43-9
	3.937		207			5.252		206		ARROW Hwy & AZUSA CANYON RD.
	3.730		415'			5.046		415'		SEE F.B.
10	11.812'	3.937'		3896'		15.759'	5.253'		3928'	FOR DESCRIPTION
	44.629'					54.703'				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E.DREIER Weather CLEAR Inst. No 50010
Notes by G.E.DREIER Time 9:00 TO 10:10 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 1-13-55
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
	6388		141		#11	3.445		140		B.M. 16-1
	6.247		140			3.305		137		IRWINDALE AVE & ARROW HWY
	6.107		281'			3.168		277'		SEE E.B. 1380-200
1	18.742'	6.247'		281	58°	9.918'	3.306'		277'	FOR DESCRIPTION
	5.933		142			3.652		148		
	5.791		141			3.504		144		
	5.650		283'			3.360		292'		↑ E. LANDA
2	17.374'	5.791'		564'		10.516'	3.505'		569'	
	6.427		212			3.867		207		
	6.215		212			3.660		206		
	6.003		424'			3.454		413'		
3	18.645'	6.215'		988'		10.981'	3.660'		982'	
	6.678		208			3.290		211		
	6.470		209			3.079		212		
	6.261		417'			2.867		423'		
4	19.409'	6.470'		1405'		9.236'	3.079'		1405'	
	7.075		214			3.097		215		
	6.861		210			2.882		212		
	6.651		424'			2.670		427'		
5	20.587'	6.862'		1829'		8.649'	2.883'		1832'	
	31.585'					16.433'				

F.B. 423 L.P.G. 77

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 9:00 TO 10:10 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 1-13-55
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
	6.078	31.585	216	1.829		3.760	10.433	218	1.832	
	5.862		212			3.542		215		
	5.650		428			3.327		433		
6	17.590	5.863		2.257		10.629	3.543		2.265	
	6.900		222			3.880		220		
	6.678		221			3.660		220		
	6.457		443			3.440		440		
7	20.035	6.678		2.700		10.980	3.660		2.705	
	7.248		225			3.563		221		SUMMATION OF RUN
	7.023		223			3.342		220		B.M. 16-1 TO B.M. 11-23
	6.800		448			3.122		441		TOTAL BACKSIGHTS + 64.274
8	21.071	7.024		3.148		10.027	3.342		3.146	TOTAL FORESIGHTS - 34.677
	6.921		221			3.412		217		DIFF IN ELEVATION + 29.597
	6.700		220			3.195		216		FOR MORE DIFF. IN ELEV. SEE
	6.480		441			2.979		433		F.B. 1360, LINE No 39
9	20.101	6.700		3.589		9.586	3.195		3.579	
	6.648		225			4.732		229		B.M. 11-23
	6.423		223			4.503		226		IRWINDALE AVE & GLADSTONE ST
	6.200		448			4.277		455		SEE F.B. 1376-24
10	19.271	6.424		4.037		13.512	4.504		4.034	FOR DESCRIPTION
	64.274					34.677				

F.B. 1366 P.G. 78

76P526 S & E #379 1-54

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Chief of Party C.E. DREIER Weather CLEAR Inst. No. 50010
Notes by C.E. DREIER Time 10:15 TO 11:00 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 1-18-54
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
	4740		228		#11	6.658		225		B.M. 11-23
	4.512		226			6.433		223		GLADSTONE ST. & IRWINDALE AVE
	4.286		454			6.210		448		SEE F.B. 1376-24
1	13.538	4.513		.454		19.301	6.434		.448	FOR DESCRIPTION
	3.401		217			6912		220		↑ E. LANDA
	3,184		216			6,692		220		
	2.968		433			6.472		440		
2	9.553	3.184		.887		20076	6.692		888	
	3.657		223			7337		224		
	3.434		220			7.113		222		
	3.214		443			6.891		446		
3	10.305	3.435		1330		21.341	7.114		1334	
	3.202		219			6.223		221		
	2.983		217			6.002		219		
	2766		436			5.783		440		
4	8.951	2.984		1766		18.008	6.003		1774	F.B. 1376 P.G. 22
	3.667		215			5.988		215		
	3.452		214			5773		213		
	3.238		429			5.560		428		
5	10.357	3.452		2,195		17.321	5.774		2,202	
		17.568					32.017			

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 10:15 TO 1:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 11-23 To B.M. 16-1
Date 1-13-55
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
	3.260	17.568	216	2195		7.239	5.017	214	2.202	
	3.044		213			7.025		211		
	2831		429			6.814		425		
6	9.135	3.045		2.624		21.078	7.026		2627	
	3.288		213			9.677		208		
	3.075		211			6.466		207		
	2,864		424			6.259		415		
7	9.227	3.076		3048		19.399	6.466		3042	
	3,819		208			6 378		212		SUMMATION OF RUN
	3.611		204			6 166				B.M. 11-23 TO B.M. 16-1
	3.407		412			5.954		424		TOTAL BACKSIGHTS +34.232
8	10.837	3.612		3,460		18.498	6.166		3,466	TOTAL FORE SIGHTS -63.835
	3 683		146			5.968		146		DIFF IN ELEVATION -29.603
	3.537		147			5.822		142		
	3390		293			5.680		288		
9	10.610	3.537		3,753		17.470	5.823		3754	
	3 534		140			6,477		139		B.M. 16-1
	3.394		140			6.338		141		IRWINDALE AVE & ARROW HWY.
	3.254		280			6.197		280		SEE F.B. 1380 · 200
10	10.182	3.394		4.033	65°	19.012	6.337		4034	FOR DESCRIPTION
	34.232					63.835				

F.B. 1226 P.G. 60

F.B. 1366 Pg. 101

Notes Ck'd by Aja
Map No.
Office Work
Checked
Date

Survey of
W. O. Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes n Date 12-53
Indexed A. C. Johnson 2-15-55

L.A.Co. PRECISE LEVEL NET
JOB NO. 0301.02
LINE NO. 44

BREA CANYON RD. FROM VALLEY BLVD TO 5th AVE,
5th AVE. FROM BREA CANYON RD. TO FULLERTON RD.
ANAHEIM PUENTE RD. FROM FULLERTON RD TO VALLEY BLVD.

SEE F.B. 3718-9 TO 46

DREIER
LANDA
SONNENSCHEIN
RODRIGUEZ

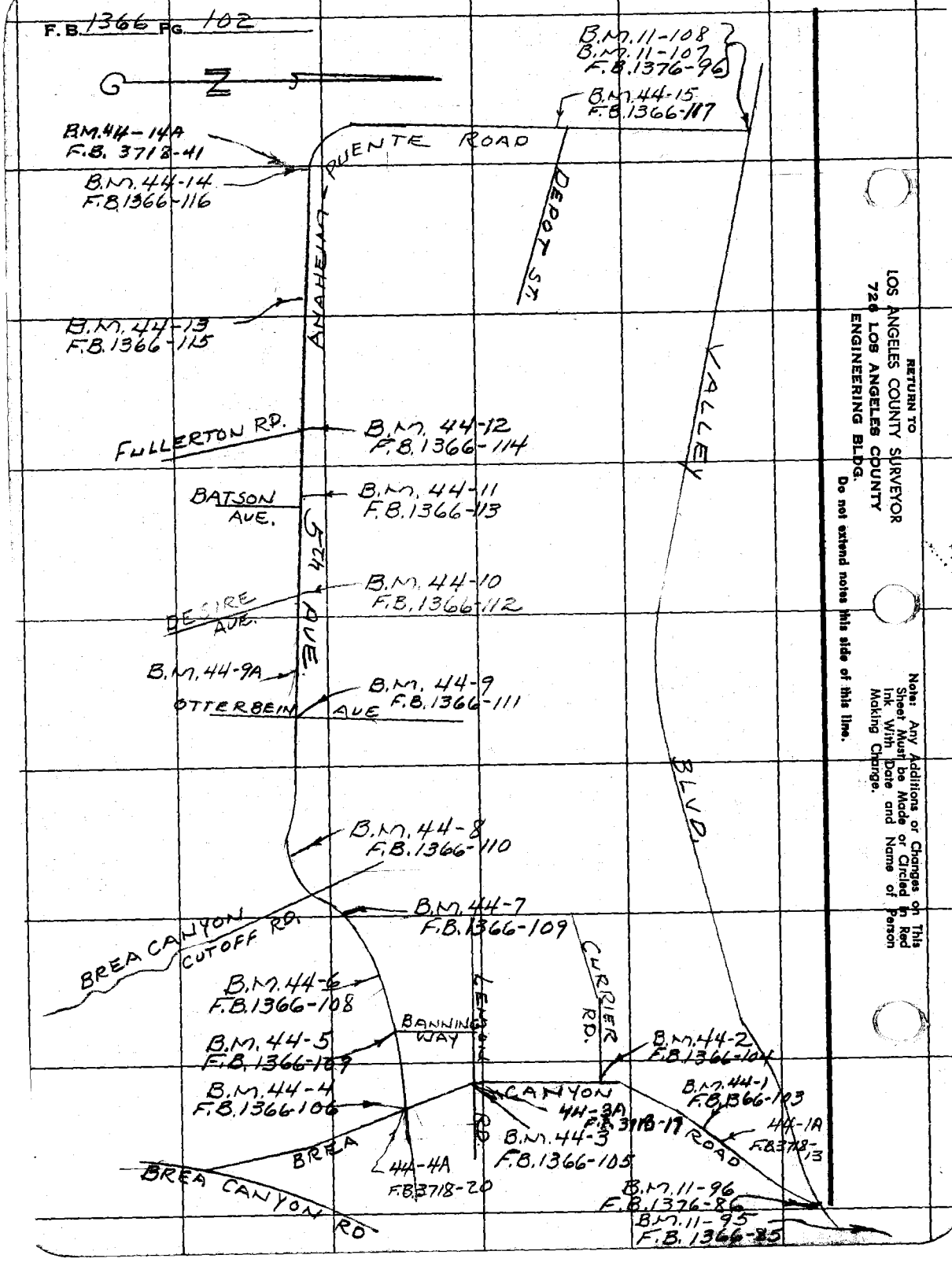
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

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

76F3098 247 4-55

F.B. 1366 PG. 102



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET	F.B. 1366 Pg. 103
Map No.	W.O. 0301.02 Tape No. St'd. °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. DREIER Date 2-2-55	
Date	Indexed A. C. Johnson	

B.M. 44-1

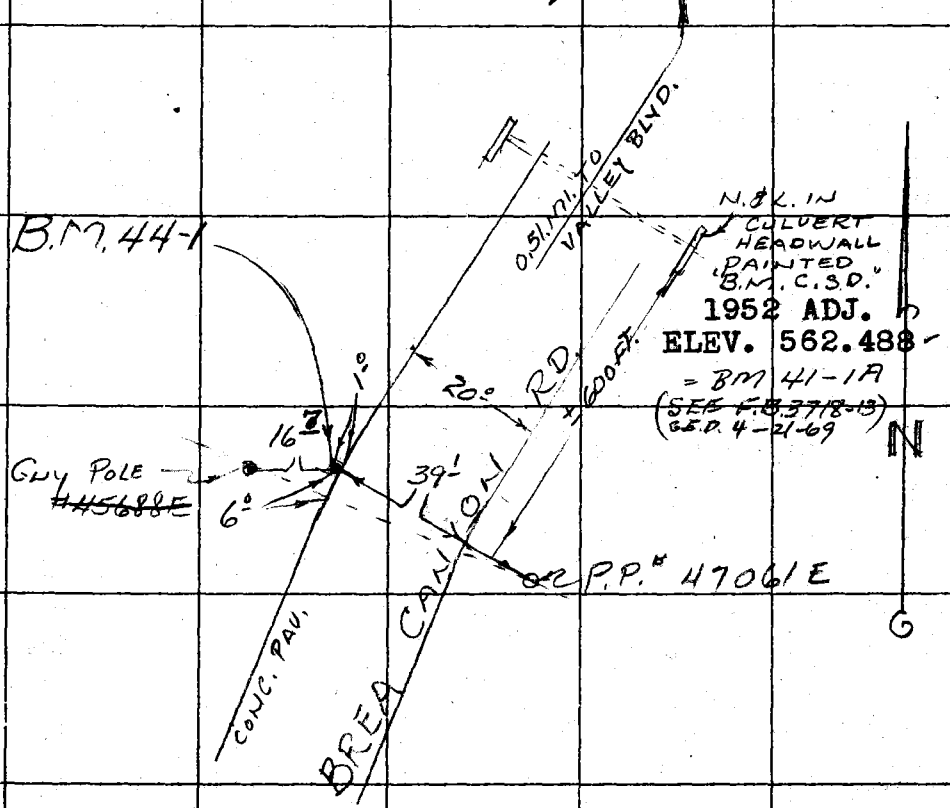
BREA CANYON ROAD, AT ANGLE POINT 0.5 MI. SOUTH OF VALLEY BLVD., 11.0 FT N.W'LY FROM CENTER OF CONCRETE PAVEMENT, ~~160~~ FT E. OF GUY POLE # ~~45688E~~, 39' N.W. OF POWER POLE # 47061E A ~~STANDARD BRASS CAP~~ STAMPED "B.M. 44-1 1955 RE.63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADj. ELEV. 563.161

16.7' E. of Guy Pole # 1819637E

A 2" C.S. button cap.

SEE F.B. 3718-11 G.E.D. 4-21-69



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RETURN TO
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726 LOS ANGELES COUNTY
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76F3095 247 4-55

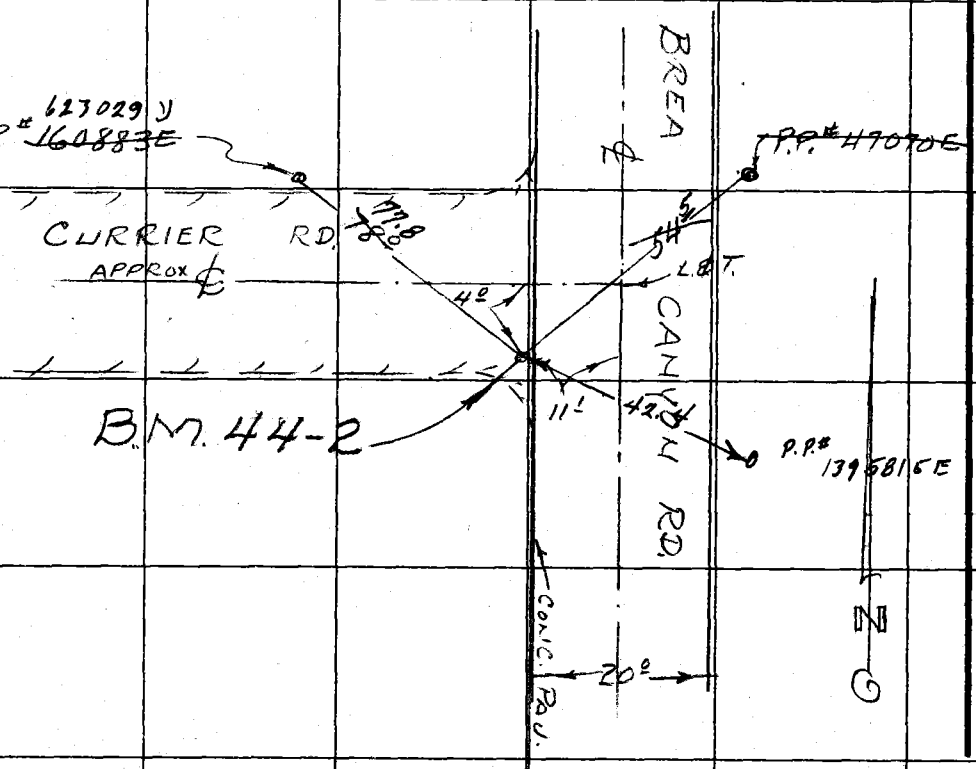
F. B. 1366 PG. 104

B.M. 44-2

BREA CANYON ROAD AND CURRIER ROAD, 11.1 WEST OF ℄ AND 4.0 FT. SOUTH OF APPROX. ℄ A ~~STANDARD BRASS CAP~~ STAMPED "B.M. 44-2 1955 R.E. 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 547.103'

COUNTY SURVEYOR BUTTON CAP



RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
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Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of
Office Work	W. 8301.02 Tape No. St'd. °F
Checked	Surveyed by E. E. DREIER
Date	Notes E. E. DREIER Date 2-2-55
	Indexed A. C. Johnson

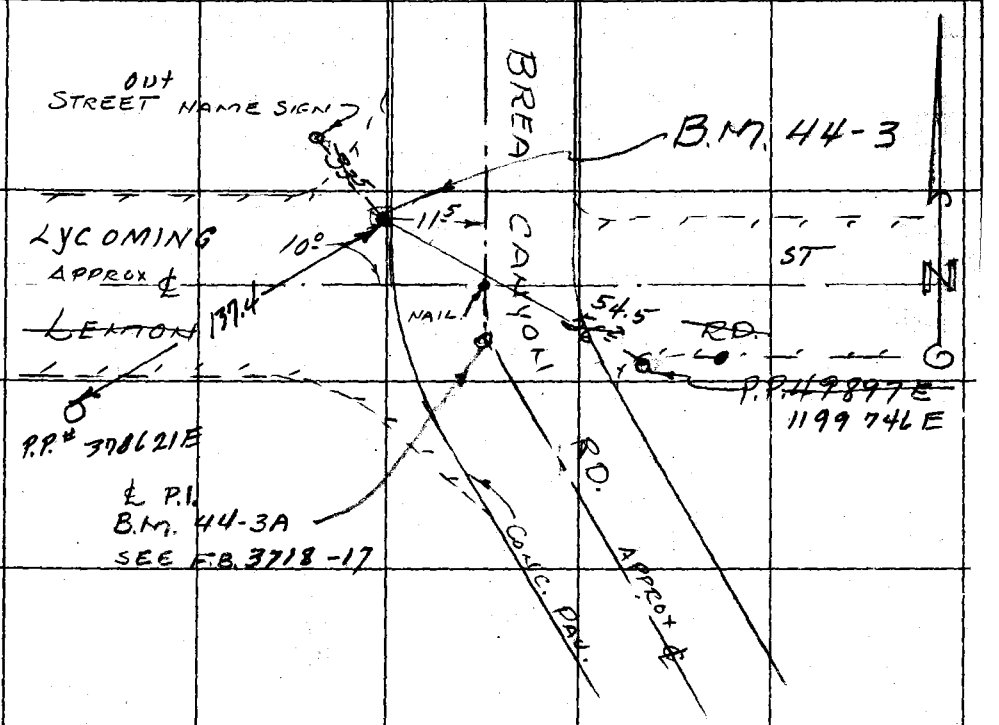
F.B. 1366 Pg. 105

NOT RECOVERED 7-1-66 C.E.D.

B.M. 44-3

BREA CANYON ROAD AND ~~LEMON ROAD~~ LYCOMING ST., 11.5 FT. W. OF ℄ AND 10.0 FT. N. OF APPROX ℄, A STANDARD BRASS CAP STAMPED "B.M. 44-3 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. 558.623



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

76F3098 247 4-53

F.B. 1366 PG. 106

B.M. 44-4

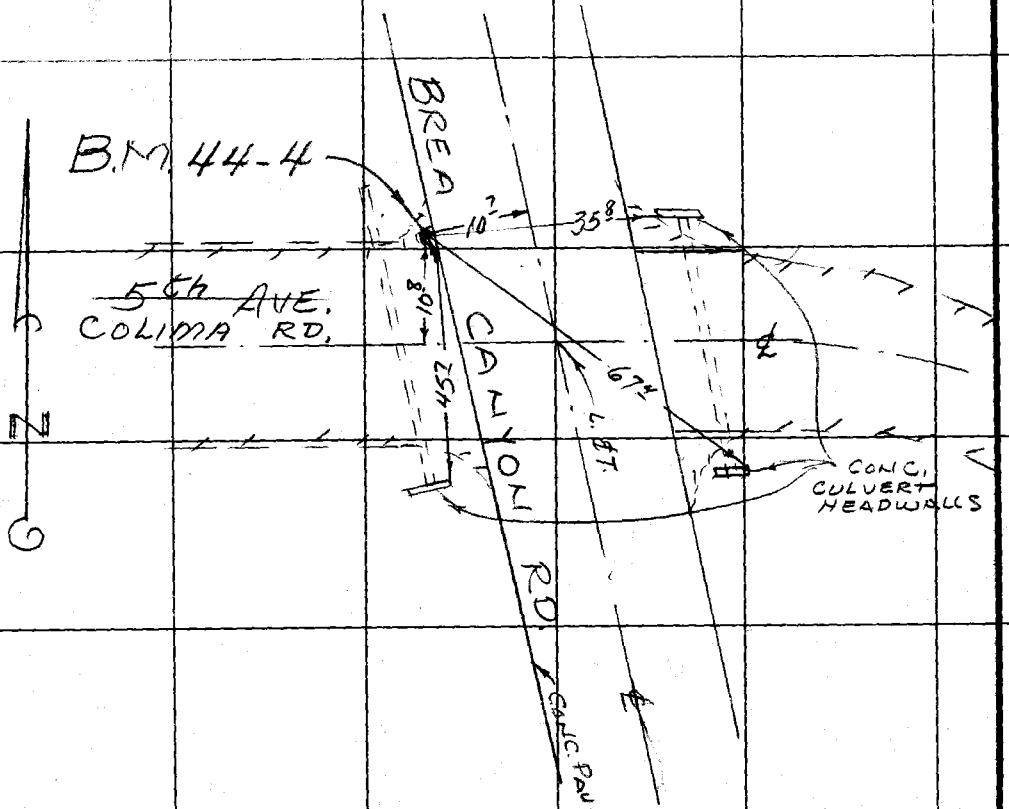
BREA CANYON ROAD AND ~~5th AVE.~~ COLIMA RD., 10.7 FT. W. OF ℄ AND 10.8 FT. N. OF ℄, A STANDARD BRASS CAP STAMPED "B.M. 44-4 1955 R.E. 63" SET IN CONCRETE BY TOP 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED - 'COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 578.650'

SEE F.B. 3718-19 FOR NEW TIES 4-21-69 G.E.D.

DESTROYED, FOUND REMAINS 7-20-71 G.E.D.

SET B.M. 44-4A, N.W. COR. SEE F.B. ~~3718~~ 3718-20



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
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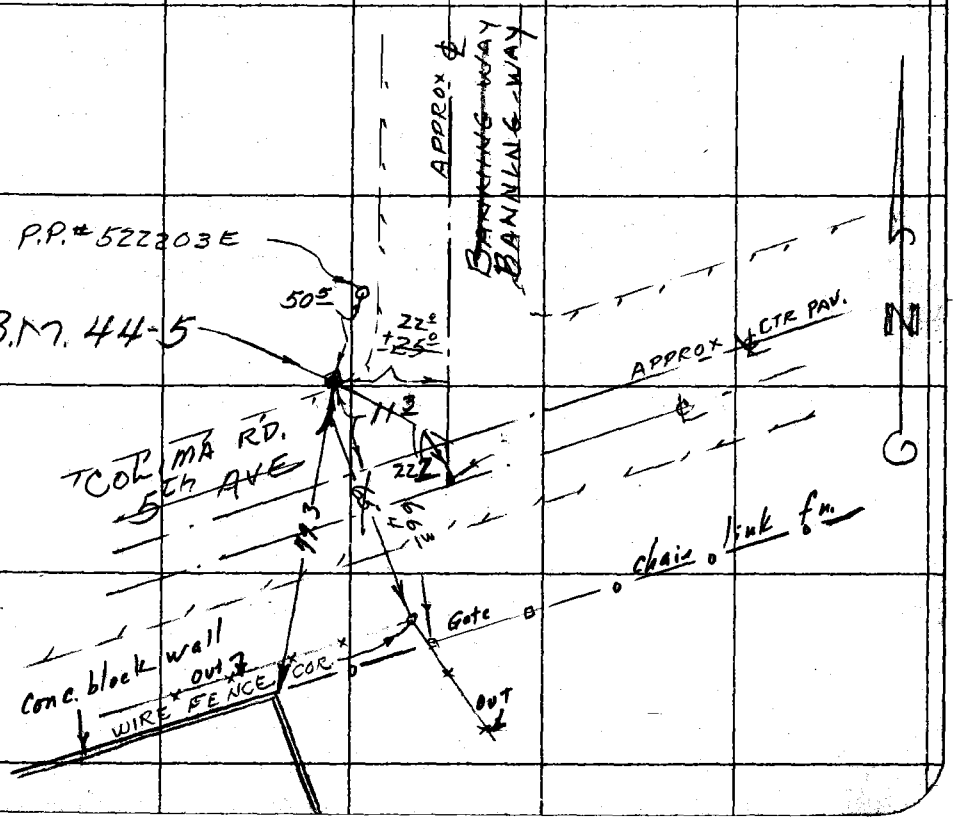
Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE F.B. 1366 Pg 107
Map No.	W.O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-2-55
Date	Indexed A. C. Johnson

B.M. 44-5 COLIMA RD. & BANNING ~~5th AVENUE~~ AND ~~BANNING~~ WAY, 11.3 FT N. OF APPROX. ℄ AND ± 25 FT. W. OF APPROX. ℄, 50.5 FT S.W. FROM POWER POLE #522203E, AND ~~65.4~~ 79.3 FT. N.E. ~~W.~~ FROM CORNER OF A ~~BARBED WIRE FENCE~~ Conc Block WITH B.M. BUTTON Wall, A STANDARD BRASS CAP STAMPED "B.M. 44-5 1955 R.E. 63" SET IN CONCRETE 9 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

6-5-75 NOT RECOVERED MAY BE IN UNDER NEW PAVEMENT G.E.D.
SEE F.B. 3718-22 FOR B.M. 44-5A

1952 ADJ. ELEV. 575.135



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

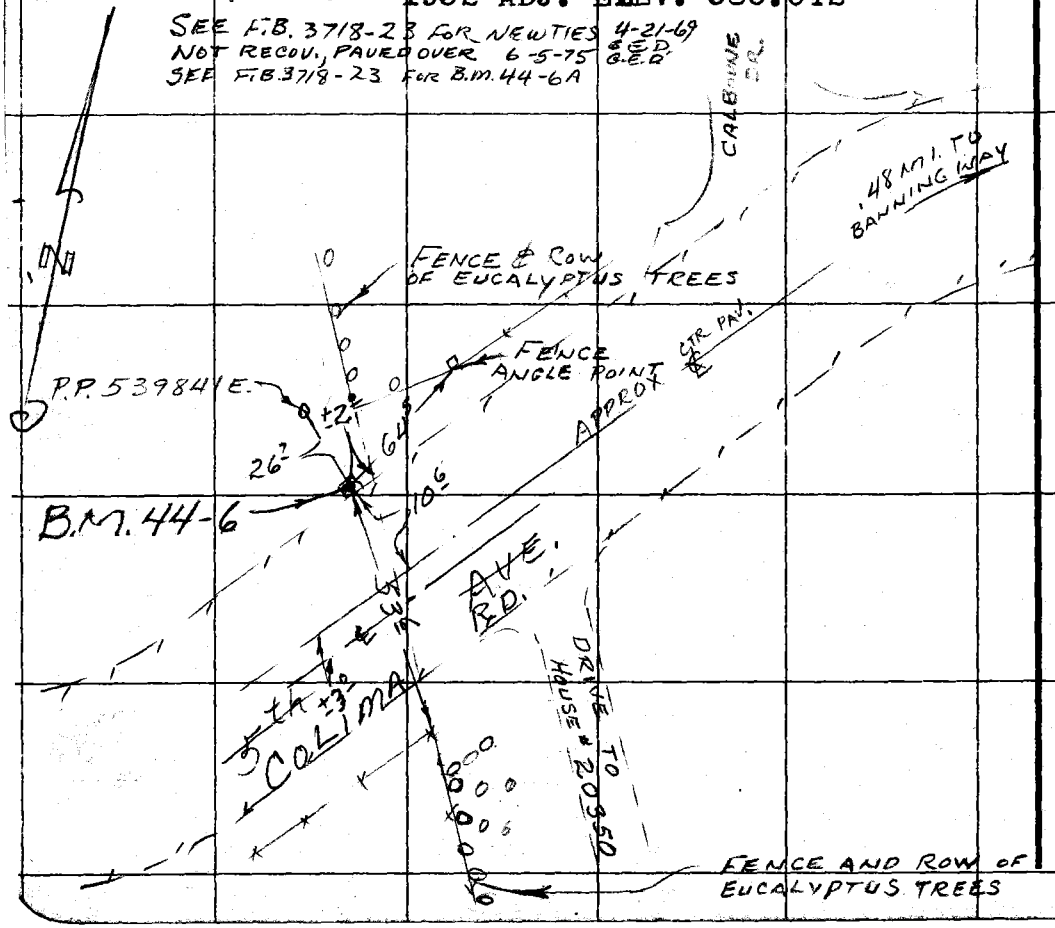
76F3095 247 4-53

F.B. 1366 Pg. 108

B.M. 44-6 COLIMA RD. ~~5th AVENUE~~, 0.48 MILE S.W. FROM BANNING WAY, OPPOSITE HOUSE NO. 20350 10.6 FT. N. OF CENTER OF PAVEMENT, 26.7 FT S.E. FROM POWER POLE # 539841E, ABOUT 2 FT. S.W'LY FROM PROLONGATION OF A ROW OF LARGE EUCALYPTUS TREES AND IRREGULAR FENCE, 64.5 FT. S.W. FROM ANGLE POINT OF FENCE ON N.W'LY SIDE OF ROAD AND 53.6 FT N.N.E'LY FROM FENCE CORNER, A STANDARD BRASS CAP STAMPED "B.M. 44-6 1955 RE 63" SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 586.042'

SEE F.B. 3718-23 FOR NEWTIES 4-21-69 S.E.D.
NOT RECOV., PAVED OVER 6-5-75 G.E.Q.
SEE F.B. 3718-23 FOR B.M. 44-6A



RETURN TO
LOS ANGELES COUNTY SURVEYOR
720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE
Map No.	W.O. 9301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-8-55
Date	Indexed A. C. Johnson

F.B. 1366 Pg. 109

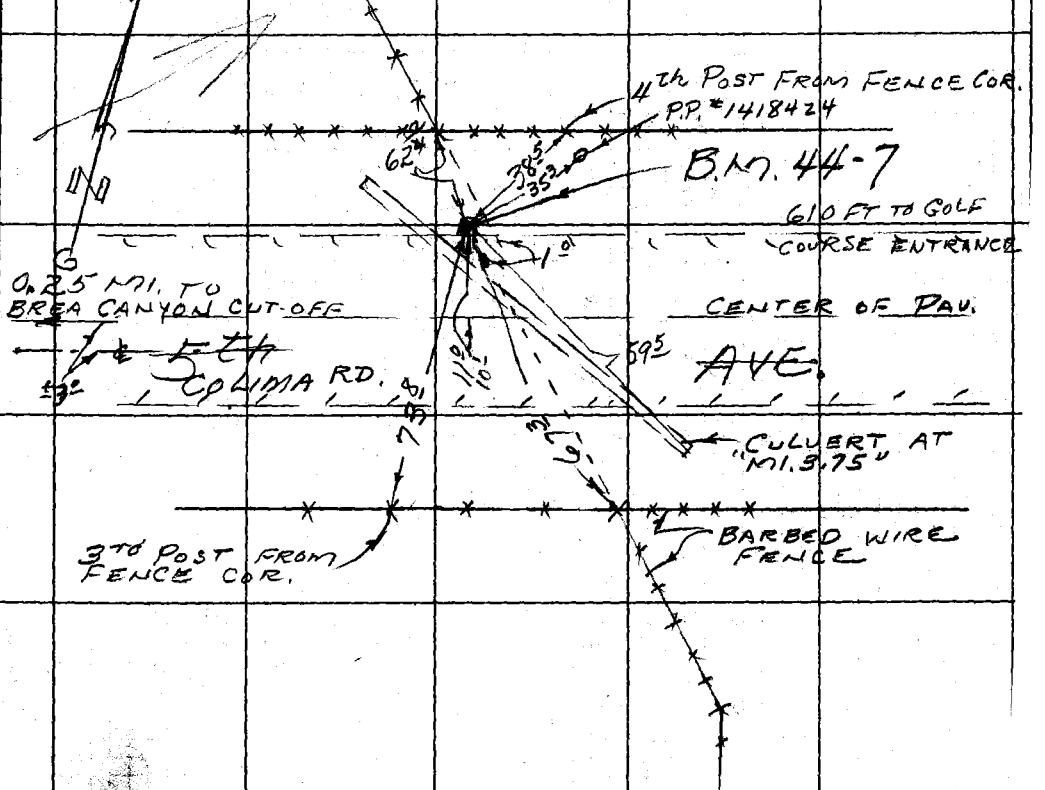
B.M. 44-7

~~5th AVENUE~~ COLIMA RD., 0.25 MILE EAST OF BREA CANYON CUTOFF ROAD, NEAR CULVERT AT MILE POST "3.75", ON N.W'LY PROLONGATION OF A BARBED WIRE FENCE AND 67.3 FT FROM FENCE CORNER AND 1.0 FT. W'LY FROM S.E'LY PROLONGATION OF A BARBED WIRE FENCE AND 62.4 FT. FROM FENCE CORNER, 11.0 FT. NORTH OF CENTER OF PAVEMENT, A STANDARD BRASS CAP WITH B.M. BUTTON STAMPED "B.M. 44-7 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= 583.121

See F.B. 1366 - 119 for new description F.E.B. 3 June 1967

NOT RECOVERED, PAVED OVER, 6-5-75 F.E.D. SEE F.B. 3718-24 FOR B.M. 44-6B



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

76F3098 247 4-52

F.B. 1366 Pg. 110

B.M. 44-8 COLIMA RD.
~~5th AVENUE~~, 0.32 MILE WEST OF BREA CANYON CUT OFF ROAD, 10.0 FT. N. OF THE CENTER OF THE PAVEMENT, 144.0 FT N.E. FROM THE EASTERLY CORNER OF CONCRETE HEADWALL OF CULVERT AT POST "M1. 3.15", 48.7 FT S.W. OF TEL. POLE # G154104, 113.2 FT. E. OF TEL. POLE # G164524, A STANDARD BRASS CAP WITH BM. BUTTON, STAMPED "B.M. 44-8 1955 R.E. 63' SET IN CONCRETE 10 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY SURVEYOR MONUMENT"

1952 ADJ. ELEV. 522.064'

NOT RECOVERED, NEW PAVEMENT; SEE F.B. 3718 -

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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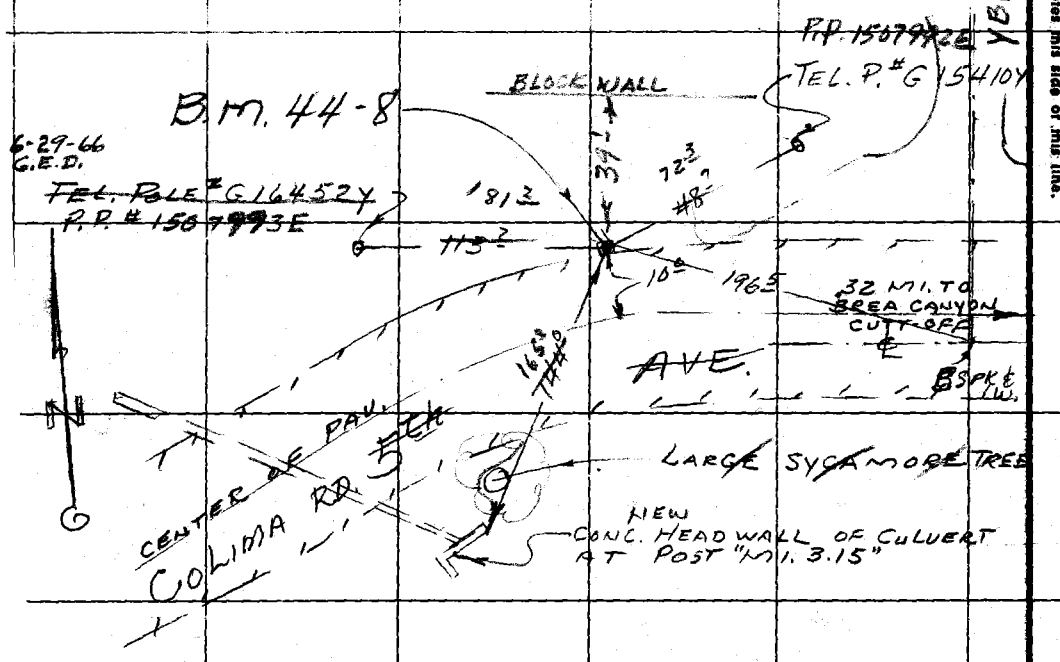


Notes Ck'd by	L.A. CO. PRECISE LEVEL NET
Map No.	Survey of 0301.02 W. O. Tape No. Std. °F
Office Work	Surveyed by E. E. DREIER
Checked	Notes E. E. DREIER Date 2-8-55
Date	Indexed A. C. Johnson

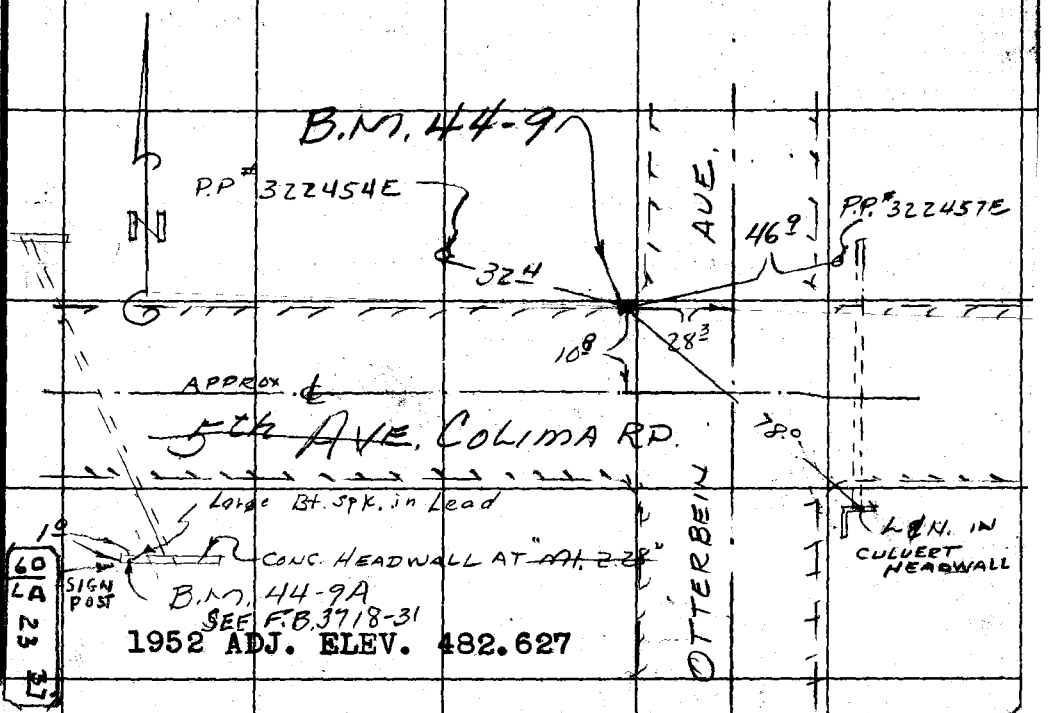
F.B. 1366 PG. 111

B.M. 44-9

5th AVENUE AND OTTERBEIN AVE., 10.8 FT. N. OF ℄ AND 28.3 FT W. OF ℄, A STANDARD BRASS CAP WITH B.M. BUTTON STAMPED "B.M. 44-9 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= 508.132

NOT RECOVERED, NEW PAV. & CURBS, DID NOT DIG 4-21-69 G.E.D.



1952 ADJ. ELEV. 482.627

60 LA 23 37

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RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

F. B. 1366 PG. 112

9"

B.M. 44-10 COLIMA RD.
~~5TH AVENUE~~ AND DESIRE AVE,
11.0 FT SOUTH OF CENTER OF PAVEMENT
AND 7.0 FT. WEST OF CENTER OF PAVEMENT
AND ON N'LY PROLONGATION OF W'LY
EDGE OF PAVEMENT, A 2" STANDARD
BRASS CAP WITH B.M. BUTTON STAMPED B.M. 44-10
1952 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. 468.306

This Mark is 37.6 ft. N. of P.P. # E 16486 Y
and 44.0 ft. N. E'ly. of a 10" Stump
H-21-69 NOT RECOVERED, NEW PAV. DID NOT DIG. G.E.D.

RETURN TO
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720 LOS ANGELES COUNTY
ENGINEERING BLDG.
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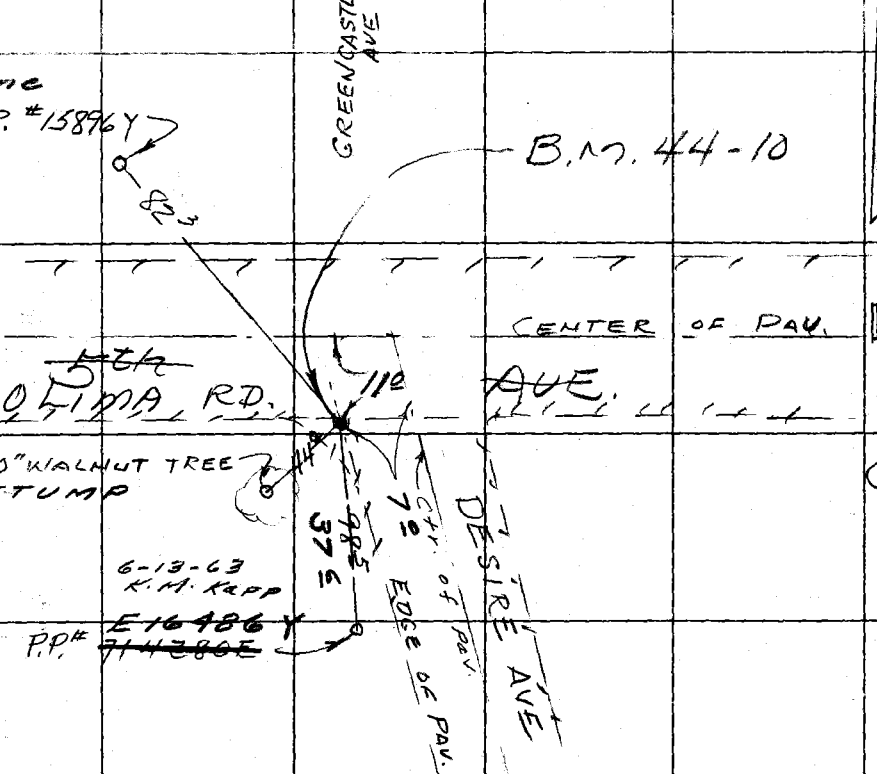

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Map No.
Office Work
Checked
Date

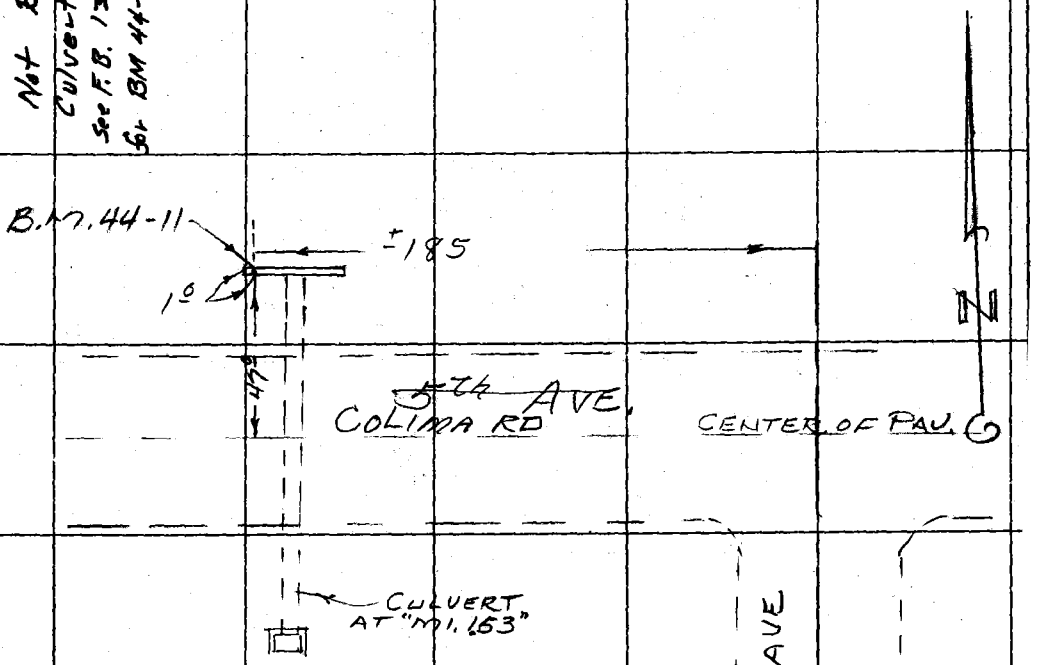
L. A. CO. PRECISE LEVEL NET

Survey of 030.02
W. O. Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 2-9-55
Indexed E. C. Johnson

F. B. 1366 Pg. 113

B.M. 44-11 COLIMA RD.
~~5th AVENUE~~ AND BATSON AVE,
47.0 FT. N. OF CENTER OF PAVEMENT
AND ± 185 FT. W. OF ℄ PROD., A
LARGE BOAT SPIKE 1.0 FT. FROM WEST
END OF NORTH CONCRETE HEADWALL
OF CULVERT AT POST "M1. 1.53"
HEADWALL CHISELED "B.M. 44-11"
1952 ADJ. ELEV. 464.485

Not Recovered 13 June 1963 F.E.B.
Culvert removed.
See F.B. 1324 - 120
& BM 44-11 A



RETURN TO
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76FSOBS 247 4-58

F.B. 1366 Pg. 114

B.M. 44-12 COLIMA RD.

~~5th AVENUE, ANAHEIM PUENTE ROAD~~ AND FULLERTON ROAD, 13.3 FT EAST OF, AND 1.2 FT. SOUTH OF ℄ INTERSECTION, ON N'LY PROLONGATION OF E'LY EDGE OF FULLERTON ROAD PAVEMENT; A STANDARD MONUMENT STAMPED B.M. 44-12 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. 483.600 ✓

7-20-71 G.E.D. NOT RECOVERED, REPORTED DESTROYED IN MAR. 1971 BY BROOKS.

SEE F.B. 3718-37 FOR B.M. 44-12A

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

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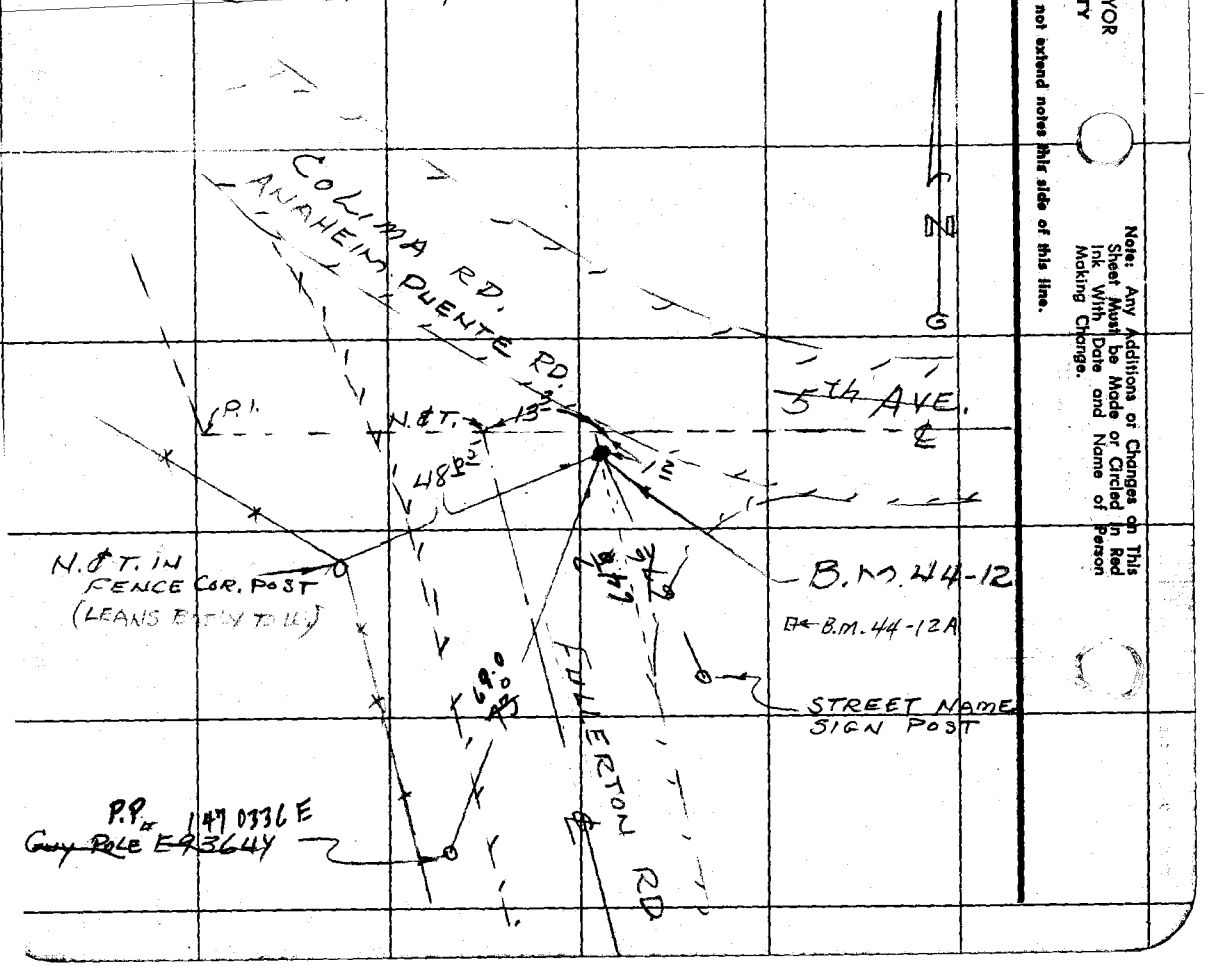
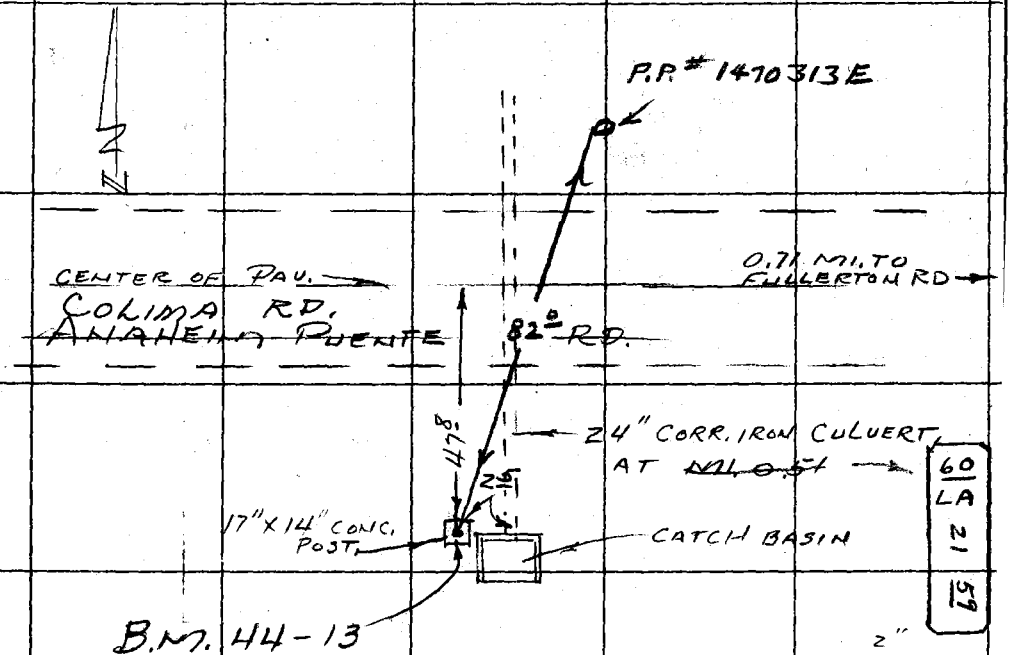


Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F.B. 1366 Pg. 115
Map No.	Survey of 9/30/02 W.O.	Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. DREIER Date 2-9-55	
Date	Indexed E. C. Johnson	

B.M. 44-13 COLIMA

~~ANAHEIM PUENTE~~ ROAD, 0.71 MILE WEST OF FULLERTON ROAD, SOUTH SIDE, 2.5 FT. W. OF CENTER OF 24" CORR. IRON CULVERT AT MILE POST ~~NO.~~ 0.57 (SEE BELOW), 47.8 FT. S. OF CENTER OF PAV'D. A STANDARD COUNTY SURVEYOR BRASS CAP STAMPED "B.M. 44-13 1955 RE.63" SET IN THE TOP OF A 17" x 14" CONCRETE POST, 2 INCHES LOWER THAN THE TOP OF CULVERT HEADWALL

1952 ADJ. ELEV. 453.326 ✓



60 LA 21 59

2"

6-29-66 G.E.D.

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

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76F3008 247 4-55

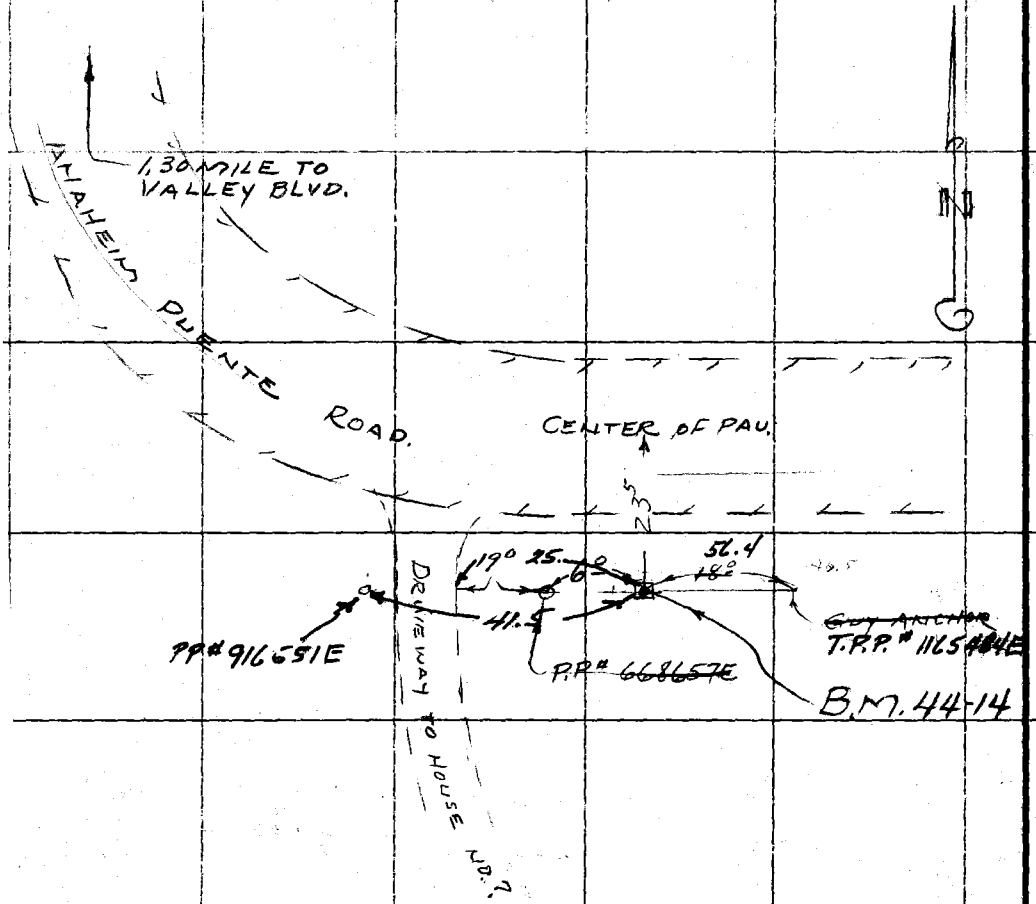
F.B. 1366 PG. 116

NOT RECOVERED PROBABLY DESTROYED BY ROAD WIDENING 7-1-66 G.E.D SEE F.B 3718-44 FOR 44-14A

B.M. 44-14

ANAHEIM PUENTE RD., 1.30 MILES SOUTH OF VALLEY BLVD., NEAR EAST END OF CURVE, 23.5 FT. SOUTH OF CENTER OF PAVEMENT, 41.5 ~~6.0~~ FT EAST OF POWER POLE # 916551E ~~668657E~~, ~~UNDER GUY CABLE~~ AND 56.4 ~~18.0~~ FT W. OF Trans. P.P. ~~GUY~~ # 1165484 E. ~~CABLE ANCHOR~~, A 2 INCH GALVANIZED PIPE CAP STAMPED "COUNTY SURVEYOR B.M. 44-14 1955 RE. 63" SET IN THE TOP OF A 12"x15" CONCRETE POST ABOUT 2 INCHES ABOVE GROUND.

1952 ADJ. ELEV. 462.019 ✓



RETURN TO
LOS ANGELES COUNTY SURVEYOR
728 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET F.B. 1366 Pg. 117
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 2-7-55
Date	Indexed C. Johnson

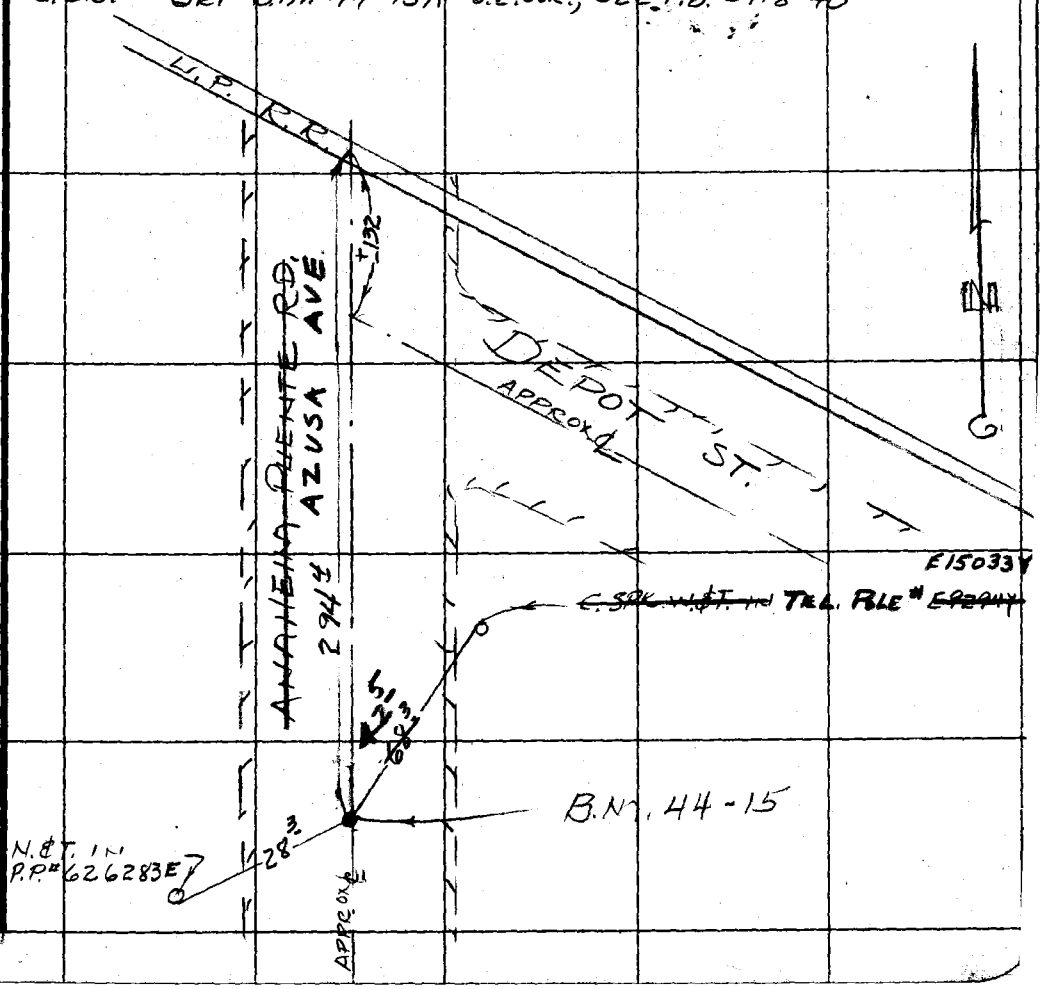
B.M. 44-15 (PUENTE I-12)

~~ANAHEIM PUENTE ROAD~~ AZUSA AVE., SOUTH OF DEPOT STREET, 294.4 FT S. OF CENTER OF UNION PACIFIC R.R. TRACKS ON APPROX. CENTER OF ~~ANAHEIM PUENTE RD~~ AZUSA AVE, A STANDARD L.A.CO. SURVEY CONTROL TRAVERSE STATION "PUENTE I-12" 12 INCHES BELOW THE SURFACE AND PROTECTED BY A CAST IRON COVER LETTERED "COUNTY ~~SURVEYOR~~ ENGINEER MONUMENT"

1952 ADJ. ELEV. 390.792 ✓

7-20-71 NOT RECOVERED OBVIOUSLY DESTROYED BY RR. UNDERPASS

G.E.D. SET B.M. 44-15A S.E.COR., SEE F.B. 3718-43



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

Do not extend notes this side of this line.

RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

76F3098 247 4-53

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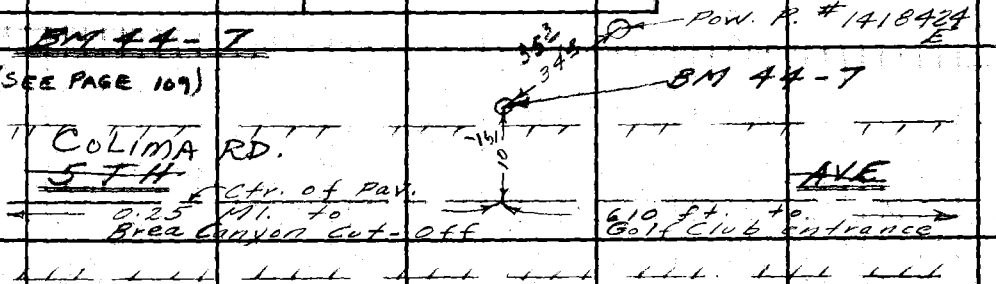
F.B. 1366 Pg. 118

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F. B. 1366 Pg. 119
Map No.	JN Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes K. M. Kapp Date 6-3-63	
Date	Indexed	

BM 44-7

(SEE PAGE 109)



BM 44-7 COLIMA RD

This Mark is on ~~5TH AVE~~ (N. Side) Approx. 0.25 Mi. E. of Brea Canyon Cut-Off and 610 ft. W. of the main entrance to ~~Walnut Valley~~ Pomona National Golf ~~Club~~ Course and 10.5 ft. N. of Ctr. of Pav. of 5 TH AVE. and 34.8 ft. S.W. of Pow. Pole #1418424. This Mark is a Std. Brass Cap with button set in conc. 9 inches below the surface with ~~no~~ cover. Stamped "BM 44-7 1955 R.E. 63"

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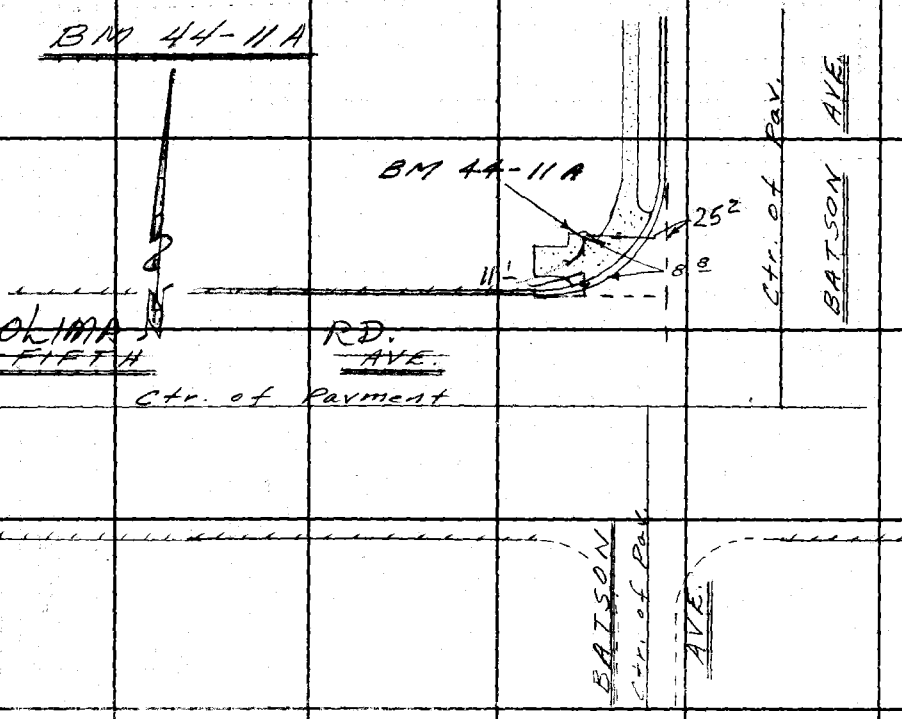
403 Los Angeles County Engineering Bldg.

76F3095 CE #310 6-62

F. B. 1366 PG. 120



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BM 44-11A COLIMA RD.

This Mark is on ~~FIFTH~~ AVE. at BATSON AVE. N.W. Cor. It is 8.8 ft. N. W'ly. of the S. E'ly. face of a conc. curb. This mark is a Std. L.A. County Eng'r. Brass Cap ——— cemented into a conc. slab around a M.H. in the back of a conc. walk. Stamped "BM 44-11A R.E. 5869 1963"

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. H-95 To B.M. 11-96
Date 2-8-55
Indexed C. Johnson 2-15-55

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
	3.891		200		#11	6.044		210		B.M. 11-95
	3.691		206			5.834		208		VALLEY BLVD. & SAN JOSE HILLS RD.
	3.491		400'			5.626		418'		SEE F.B. 1376-85
1	11.073'	3.691'		400'		17.504'	5.835'		418'	FOR DESCRIPTION
	3.121		203			6.262		205		
	2.918		205			6.057		205		
	2.713		408'			5.852		410'		T. E. LANDA
2	8.752'	2.917'		808'		18.171'	6.057'		828'	
	3.153		206			6.360		203		
	2.947		206			6.157		204		
	2.741		412'			5.953		407'		
3	8.841'	2.947'		1220'		18.470'	6.157'		1235'	
	3.670		206			6.260		203		
	3.464		204			6.057		205		
	3.260		410'			5.852		408'		
4	10.394'	3.465'		1630'		18.169'	6.056'		1643'	
	3.460		206			6.347		207		
	3.254		205			6.140		203		
	3.049		411'			5.937		410'		
5	9.763'	3.254'		2041'		18.424'	6.141'		2053'	
	16.274'					30.246'				

F.B. 1366 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 G. E. DREIER Time 10:30 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-95 To B.M. 11-96
Date 2-8-55
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
	3.270	16.274	204	2.041		6.152	30.246	205	2053	
	3.066		203			5.947		206		
	2.863		407			5.741		411		
6	9.199	3.066		2.448		17.840	5.947		2464	
	3.423		205			6.354		213		
	3.218		204			6.141		211		
	3.014		409			5930		424		
7	9.655	3.218		2857		18.425	6.142		2888	
	3.121		209			6116		206		
	2.912		205			5.910		206		
	2.707		414			5.704		412		
8	8.740	2.913		3271		17.730	5.910		3300	SUMMATION OF RUN B.M. 11-95 TO B.M. 11-96
	3596		165			5.925		155		TOTAL BACKSIGHTS + 32.402
	3.431		166			5770		156		TOTAL FORESIGHTS - 60,891
	3.265		331			5.614		311		DIFF IN ELEVATION - 28,489
9	10292	3.431		3602		17.309	5.770		3611	
	3.662		163			7.038		162		B.M. 11-96
	3.499		161			6.876		162		VALLEY BLVD. & BREA CANYON RD.
	3.338		324			6.714		324		SEE F.B. 1376-86
10	10.499	3.500		3926		20628	6.876		3935	FOR DESCRIPTION
		32.402					60.891		3926 7,861	

F.B. 1366 P.G. 126

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-96 To B.M. 11-95
Date 2-8-55
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
	6.104		162		#11	2723		162		B.M. 11-96
	3.942		159			2.561		160		VALLEY BLVD. & BREA CANYON RD.
	5.783		321			2401		322		SEE F.B. 1376-86
1	17.829	5.943		321	69°	7.685	2.562		322	FOR DESCRIPTION
	5.555		156			3.221		167		
	5.399		156			3.054		164		E. LANDA
	5.243		312			2.890		331		
2	16.197	5.399		633		9.165	3.055		653	
	6.150		208			3.150		208		
	5.942		205			2.942		206		
	5.737		413			2.736		414		
3	17.829	5.943		1046		8.828	2.943		1067	
	6.262		201			3.351		204		
	6.061		201			3.147		204		
	5.860		402			2.943		408		
4	18.183	6.061		1448		9.441	3.147		1475	
	6.161		209			3.271		201		
	5.952		208			3.070		198		
	5.744		417			2.872		399		
5	17.857	5.952		1865		9.213	3.071		1874	
			29.298					14.778		

F.B. 1376 P.G. 122

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 10:00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301,02
From B.M. 11-96 To B.M. 11-95
Date 2-8-55
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
	6240	29.298'	207	1.865'		3.352	14.778'	207	1.874'	
	6.033		204			3.145		205		
	5829		411'			2940		412'		
6	18.102'	6.034'		2,276'		9.437'	3.146'		2,286'	
	6,347		205			3.757		208		
	6.142		203			3.549		206		
	5.939		408'			3.343		414'		
7	18428'	6.143'		2,684'		10.649'	3.550'		2,700'	
	6495		204			3.290		207		SUMMATION OF RUN
	6.291		201			3.085		204		B.M. 11-96 TO B.M. 11-95
	6.090		405			2,879		411'		TOTAL BACKSIGHTS + 59.821'
8	18.876'	6.292'		3089'		9.252'	3.084'		3,111'	TOTAL FORESIGHTS - 31.327'
	6.345		206			3.204		206		DIFF IN ELEVATION + 28.494'
	6.139		203			2.998		202		
	5.936		409'			2.796		408'		
9	18.420'	6.140'		3.498'		8.998'	2.999'		3.519'	
	6.123		209			3.971		201		B.M. 11-95
	5.914		208			3.770		200		VALLEY BLVD & SAN JOSE HILLS RD.
	5.706		417'			3.570		401'		SEE F.B. 1376-85
10	17.743'	5.914'		3.915'		11.311'	3.770'		3.920'	FOR DESCRIPTION
F.B. 1376 P.G. 128										
	59.821'					31.327'				

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather HAZY Inst. No 50010
Notes by G.E. DREIER Time 11:15 To 1:30 Rod No 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No 0391.02
From B.M. 11-96 To B.M. 44-1
Date 1-26-55
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
	6.873		203		#11	4.377		206		B.M. 11-96
	6.670		203			4.171		202		VALLEY BLVD. & BREA CANYON RD
	6.467		406			3.969		408		SEE F.B. 1376-86
1	20.010	6.670		.406	74°	12.517	4.172		.408	FOR DESCRIPTION
	4.303		202			7.617		206		
	4.101		202			7.411		202		F. E. LANDA
	3.899		404			7.209		408		
2	12.303	4.101		.810		22.237	7.412		.816	
	3.250		205			6.072		202		
	3.045		202			5.870		203		
	2.843		407			5.667		405		
3	9.138	3.046		1.217		17.609	5.870		1.221	
	3.431		203			5.980		201		
	3.228		206			5.779		201		
	3.022		409			5.578		402		
4	9.681	3.227		1.626		17.337	5.779		1.623	
	3.797		204			6.143		204		
	3.593		203			5.939		202		
	3.390		407			5.737		406		
5	10.780	3.593		2.033		17.819	5.940		2.029	
	20.637					29.173				

F.B. 1566 P.G. 122

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather CLEAR Inst. No. ST0010
Notes by C. E. DREIER Time 11:15 TO 1:30 Rod No. 11E12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.07
From B.M.11-96 To B.M.44-1
Date 1-26-55
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
	3.937	20.637'	204	2.033'		6.041	73'	204	2.029'	
	3.733		203			5.837		203		
	3.530		407'			5.634		407'		
6	11.200'	3.733'		2.440'		17.512'	5.837'		2.436'	
	4.079		203			5.724		205		
	3.876		201			5.519		206		
	3.675		404'			5.313		411'		
7	11.630'	3.877'		2.844'		16.556'	5.519'		2.847'	
	4.739		127			5.683		113		- 46.100
	4.612		125			5.570		111		+ 32.860
	4.487		252'			5.459		224'		-13.240
8	13.838'	4.613'		3.096'		16.712'	5.571'		3.071'	
		32.860'					46.120'			
										C.S.D. B.M. BREA CANYON RD., 0.4 MI. S. OF VALLEY BLVD., N. IN L. AT N. END OF E. CULVERT HEAD WALL PAINTED "B.M. C.S.D."
	5.757		093			5.221		092		
	5.664		092			5.129		092		
	5.572		185'			5.037		184'		
9	16.993'	5.664'		3.281'		15.387'	5.129'		3.255'	
	38.524'					51.229'				

F.B. 1366 PG. 130

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:15 70 1:30 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-96 To B.M. 44-1
Date 1-26-55
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
	6052	38.524	198	3.281		4.768	51.229	209	3.255	
	5.854		195			4.559		207		
	5.659		393			4.352		416		
9	17.565	5.855		3.674		13.679	4.560		3.671	
	5599		156			6.755		156		B.M. 44-1
	5.443		153			6.599		153		BREA CANYON RD AT △ PT.
	5.290		309			6.446		309		.5 MI. S. OF VALLEY BLVD.
10	16.332	5.444		3.983		19.800	6.600		3.980	SEE F.B. 1366-103 FOR DESC.
										SUMMATION OF RUN B.M. 11-96 TO B.M. 44-1
										TOTAL BACKSIGHTS +49.823
										TOTAL FORESIGHTS -62.389
										DIFF IN ELEVATION -12.566
										DIFF B.M. 11-96 TO C.S.D. B.M. -13.240
										" C.S.D. B.M. TO B.M. 44-1 +0.674
		49823					62389			

F.B. 1366 P.G. 131

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. 1364 P.G. 132

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 3:30 TO 3:50 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No 030102
From B.M. 44-1 To B.M. 11-96
Date 1-26-55
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
	6.194		154			5.636		156		B.M. 44-1
	6.640		154			5.480		152		BREA CANYON RD. AT A. PT. .5 MI. S. OF VALLEY BLVD.
	6.486		308			5.328		308		SEE F.B. 1366-103 FOR DESC.
1	19.320	6.640		.308		16.444	5.481		.308	
	4.703		203			6.003		202		T E. LANDA
	4.500		200			5.801		203		
	4.300		403			5.598		405		
2	13.503	4.501		.711		17.402	5.801		.713	
	5.170		094			5.700		090		- 16.891
	5.076		094			5.610		093		+ 16.217
	4.982		188			5.517		183		- 0.674
3	15.228	5.076		.899		16.827	5.609		.896	
		16.217					16.891			C.S.D. B.M.
										BREA CANYON RD, E. SIDE, .4 MI. S. OF VALLEY BLVD, L.&N. IN N. END HEADWALL
	5.903		114			4.952		121		F.B. 1364 P.G. 153
	5.789		117			4.831		120		
	5.672		231			4.711		241		
4	17.364	5.788		1.120		14.494	4.831		1.137	
		22.005					21.722			

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 8:15 TO 9:00 Rod No. 11 & 12

Name L. A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-1 To B.M. 11-96
Date 1-27-55
Indexed L. C. Johnson

F.B. 1364 P.G. 134

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
	6.220	22.005	207	1.180		4.568	21.722	201	1.137	
	6.013		203			4.367		200		
	5.810		410			4.167		401		
5	18.043	6.014		1.580		13.102	4.367		1.538	
	6.022		204			3.922		203		
	5.818		204			3.719		201		
	5.614		408			3.518		404		
6	17.454	5.818		1.988		11.159	3.720		1.942	
	6.179		205			3.829		205		
	5.974		202			3.624		203		
	5.772		407			3.421		408		
7	17.925	5.975		2.345		10.874	3.625		2.350	
	6.493		203			3.944		204		
	6.290		203			3.740		202		
	6.087		406			3.538		406		
8	18.870	6.290		2.756		11.222	3.741		2.756	
	6.592		204			3.768		206		
	6.388		203			3.562		202		
	6.185		407			3.360		408		
9	19.165	6.388		3.148		10.696	3.563		3.164	
	52.490					40.738				

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. 50010
Notes by G.E. DREIER Time 8:15 TO 9:00 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVELNET
Job No. 0301.02
From B.M. 44-1 To B.M. 11-96
Date 1-27-55
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
	8.088	52490	206	3.188		4.783	40.738	203	3.164	
	7.882		202			4.580		202		
	7.680		204			4.378		405		
10	23.650	7.883		2566		13.741	4.580		3569	
	44.73		200			6.972		208		B.M. 11-96 RD
	4.270		200			6.764		207		VALLEY BLVD. & IDEA CANYON
	4.070		400			6.557		415		SEE F.B. 1370-86
11	12.810	4.270		3966		20.293	6.764		3984	FOR DESCRIPTION

SUMMATION OF RUN

TOTAL BACKSIGHTS + 64.643'
TOTAL FORESIGHTS - 52.082'
DIFF. IN ELEV. B.M. 44-1 TO 11-96 + 12.561'
" " " 44-1 TO C.S.D.B.M. - 0.674
" " " C.S.D.B.M. TO 11-96 + 13.235

F.B. 1364 P.G. 135

64.643' 52.082'

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. 1364 P.G. 136

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 E. Landa Time 2:00 To 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-1 To B.M. 44-2
Date 1-26-55
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
	4523		202		#11	6683		204		B.M. 44-1
	4321		202			6479		205		Brea Canyon Rd at 4th.
	4114		404			6274		409		0.5mi S of Valley Blvd
	12954	4.318		404	75°	19436	6.479		409	See F.B. 1366-103 for descr.
	4419		201			6671		203		
	4218		203			6468		201		⊼ G.E. Dreier
	4015		404			6267		404		
2	12652	4.217		808		19406	6.469		813	
	4305		202			6788		205		
	4098		202			6583		203		
	3896		404			6380		408		
3	12994	4.098		1212		19751	6.554		1221	
	4202		203			6807		205		
	3999		204			6602		203		
	3795		407			6399		408		
4	11996	3.999		1619		19808	6.603		1629	
	4298		204			6438		206		
	4094		203			6232		203		
	3891		407			6029		409		
5	12283	4.094		2026		18699	6.233		2038	
	20.726					32.368				

F.B. 1546 P.G. 137

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. Oeler Weather Clear Inst. No. 50010
Notes by E. Landa Time 2:00 To 3:30 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-1 To B.M. 44-2
Date 1-26-55
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
	4397	20.726'	202	202'		6726	32.836'	202	2038'	
	4195		202			4523		201		
	3993		404'			6322		4031'		
6	12585'	4.195'		2430'		19570'	6.523'		2441'	
	4397		202			5318		207		
	4195		201			5111		203		Summation of Run
	3994		403'			4908		410'		B.M. 44-1 To B.M. 44-2
7	12586'	4.195'		2833'		15337'	5.112'		2851'	
	5108		135			6007		134		Total Backsights = + 39.180'
	4973		134			5873		130		Total Foresights = - 55.233'
	4839'		269'			5743'		264'		Diff. in Elev = - 16.053'
8	14920'	4.973'		3102'		17623'	5.874'		3115'	
	5225		134			5492		136		B.M. 44-2
	5091		134			5356		137		Brea Canyon Rd & Currier Rd.
	4951'		268'			5219'		273'		See F.B. 1366-104
9	15273'	5.091'		3370'	74°	16067'	5.356'		3388'	for description
	39.180'					55.233'				

F.B. 1366 P.G. 138

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 3:00 To 3:25 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-2 To B.M. 44-1
Date 1-26-55
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
	5579		137		#11	5307		135		B.M. 44-2
	5442		135			5172		135		Brea Canyon Rd & Currier Rd
	5307		272			5037		270		See F.B. 1366-104
1	16328	5.443		272	74°	15516	5.172		270	for description
	6120		132			5224		133		
	5988		131			5091		135		A G.E. Dreier
	5857		263			4956		268		
2	17965	5.988		535		15271	5.090		5 3	
	5321		206			4399		201		
	5115		204			4198		201		
	4911		410			3997		402		
3	15347	5.116		945		12594	4.198		9 4	
	6740		203			4411		201		
	6537		204			4210		199		
	6333		407			4011		400		
4	19610	6.537		1352		12632	4.211		13 4	
	6512		204			4371		203		
	6308		205			4168		201		
	6103		409			3967		404		
	18923	6.308		1761		12506	4.169		17 4	
		29.392					22.840			

F.B. 1366 P.G. 139

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 E. Lorick Time 3:00 To 3:25 Rod No. 11E12

Name L.A.Co. PRECISE LEVELING
Job No. 0301.02
From B.M. 44-2 To B.M. 44-1
Date 1-26-55
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
	6779	29.392'	202	1761'		4178	29.187'	205	1784	
	6577		205			3973		202	4	
	6322'		407'			3771'		407'		
6	19728'	6.576'		2168'		11922'	5.974'		2181 5	
	6781		201			4293		203		Summation of Rise
	6580		201			4090		201		B.M. 44-2 To B.M. 44-1
	6379'		402'			3888'		404'	5	
7	19740'	6.580'		2570'		12271'	4.090'		2565 56	
	6612		204			4431		200		Total Backsights = 55.803'
	6478		206			4231		200		Total Foresights = 39.747'
	6272		410'			4031		400'		Diff in Elev = +16.056'
8	19432'	6.477'		2980'		12693'	4.231'		2965 56	
	6980		202			4814		202		B.M. 44-1
	6778		202			4612		201		Brea Canyon Rd at & Rt.
	6576'		404'			4411'		403'	59	0.5 mi S. of Valley Blvd
9	20334'	6.776'		3384'	73°	13837'	4.612'		3368	See F.B. 1366-103 for descr
	55.803'					39.747'				

F.B. 1366 P.G. 140

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 11:10 To 11:35 Rod No. 11 & 12

Name L.A. CO
Job No. 0301.02
From B.M. 44-2 To B.M. 44-3
Date 1-20-55
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
	7.883		203			4071		203		B.M 44-2
	7.680		201			3.868		206		BREA CANYON RD & CURRIER RD.
	7.479		404			3.662		409		SEE F.B. 1366-104
1	23.042	7.681		404		11.601	3.867		409	for description
	5.409		203			5.142		204		
	5.206		200			4.938		205		↑ E. Lands
	5.006		403			4.733		409		
2	15.621	5.207		807		14.813	4.938		818	
	5.344		203			5.157		205		
	5.141		202			4.952		202		
	4.939		405			4.750		407		
3	15.424	5.141		1.212		14.859	4.953		1225	
	6.298		205			4.373		204		
	6.093		204			4.169		200		
	5.889		409			3.969		404		
4	18.280	6.093		1.621		12.511	4.170		1629	
	6.490		205			4.505		203		
	6.285		205			4.302		202		
	6.080		410			4.100		405		
5	18.855	6.285		2031		12.907	4.302		2.034	
	30.407					- 22.230				

F.B. 1366 PG. 141

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather Clear Inst. No. 50010
Notes by G.E. Dreier Time 11:10 TO 11:55 Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-2 To B.M. 44-3
Date 4-27-55
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
	6484	30.407'	205	2031'		4.676	22.230'	205	2.034'	
	6279		202			4.465		205		
	6.077		407'			4.260		410'		
6	18.840	6.280'		2438'		13.395	4.465'		2444'	
	6127		205			4595		204		B.M. 44-3
	5.922		203			4.391		203		BREA CANYON RD. & LEMON RD.
	5.719		408'			4.188		407'		SEE F.B. 1366-105
7	17.768	5.923'		2846'		13.194	4.391'		2951'	FOR DESCRIPTION
										Summation of Run B.M. 44-2 TO B.M. 44-3
										Total Backsights = + 42.610' Total Foresights = - 31.086' Diff. in Elev. = +11.524'

F.B. 1364 PG. 142

42.610' 31.086'

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 10:45 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-3 To B.M. 44-2
Date 1-27-55
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
	4.560		203		#11	6.092		205		B.M. 44-3
	4.357		204			5.887		204		BREA CANYON RD. & LEMON RD
	4.153		407			5.683		409		SEE F.B. 1366-105
1	13.070	4.357		407		17.662	5.887		409	FOR DESCRIPTION.
	4.611		207			6.425		205		T E. LANDA
	4.404		204			6.220		203		
	4.200		411			6.017		408		
2	13.215	4.405		818		18.662	6.221		817	
	4.482		202			6.466		207		
	4.280		202			6.259		204		
	4.078		404			6.055		411		
3	12.840	4.280		1.222		18.780	6.260		1.228	
	4.377		204			6.302		204		
	4.173		201			6.098		205		
	3.972		405			5.893		409		
4	12.522	4.174		1.627		18.293	6.098		1.637	
	5.140		202			5.327		205		
	4.938		205			5.122		201		
	4.733		407			4.921		406		
5	14.811	4.937		2034		15.370	5.123		2.043	
	22.153					29.589				

F.B. 1366 P.G. 143

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART Cloudy Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 11:10 Rod No. 11812

Name L. A. CO. [illegible]
Job No. 0301.02
From B.M. 44-3 To B.M. 44-2
Date 1-27-55
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
	5 180	22.153'	204	2034'		5.451	2.589'	203	2,043'	
	4.976		205			5 248		200		
	4,771		409'			5 048		403'		
6	14,927'	4.976'		2.443'		15,747'	5.249'		2.446'	
	4 049		206			7.658		203		B.M. 44-2
	3.848		203			7.655		202		BREA CANYON RD. & CURNIER RD.
	3,640		409'			7.453		405'		SEE F.B. 1366-104
7	11.532'	3.844'		2.852'		22.966'	7.655'		2.851'	FOR DESCRIPTION
										Summation of Run B.M. 44-3 To B.M. 44-2
										Total Backsights = +30.973'
										Total Foresights = -42.493'
										Diff. in Elev = -11.520'
	30.973'					42.493'				

F.B. 1366 L.P.G. 144

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 E. Landa Time 11:35 To 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-3 To B.M. 44-4
Date 1-27-55
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
	7763		201		#11	511		203		B.M. 44-3
	7562		201			11908		201		Brea Canyon Rd. & Lemon Rd
	7361		402			4707		404		See F.B. 1366-105
1	22686	7.562		402		14726	4.909		404	for description
	6647		204			4052		204		
	6443		201			3848		204		⊼ G.E. Dreier
	6242		405			3644		408		
2	19332	6.444		801		11544	3.848		812	
	8058		204			1780		201		
	7854		202			1579		201		Summation of Run
	7652		406			1378		402		B.M. 44-3 To B.M. 44-4
3	23564	7.855		1213		4737	1.579		1214	
	7691		128			2971		126		Total Backsights = +36.~~895~~ 903
	7563		126			2845		125		Total Foresights = -16.869
	7437		254			2720		251		Diff. in Elev = +20.0~~26~~ 34
4	22691	7.564		1467		8536	2.845		1465	
	7602		124			3813		125		B.M. 44-4
	7478		124			3688		125		Brea Canyon Rd. & 5th Ave
	7354		248			3563		250		See F.B. 1366-106
5	22434	7478		1715		11064	3.688		1715	for description
		36.~~895~~ 903					16.869			

F.B. 1366 P.G. 145

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. HH-4 To B.M. HH-3
Date 1-27-55
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
	3650		127		71	7457		125		B.M. 44-4
	3523		124			7312		122		Brea Canyon Rd & 5th Ave
	3399		251			7190		247		See F.B. 1366-106
1	10572	3.524		251	69°	21959	7.313		247	for description
	5067		125			7787		126		
	2942		125			7661		125		↑ F.E. Dreier
	2817		250			7536		251		
2	10826	2.942		501		22984	7.661		498	
	1751		201			8023		205		
	1550		202			7818		204		Summation of Run
	1348		403			7614		409		B.M. HH-4 To B.M. HH-3
3	4649	1.550		904		23455	7.818		907	
	4082		203			6677		202		Total Backsights = +16.663'
	3879		205			6475		201		Total Foresights = -36.688'
	3674		408			6274		403		Diff in Elev = -20.025'
4	11635	3.878		1312		19426	6.475		1310	
	4991		202			7622		201		B.M. HH-3
	4769		203			7421		202		Brea Canyon Rd & Lemon Rd.
	4566		405			7219		403		See F.B. 1366-105
5	14306	4.769		1717		22262	7.421		1713	for description
	16.663'					36.688'				

F.B. 1366 PG. 144

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 3:30 TO 4:05 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 44-4 To B.M. 44-5
Date 1-27-55
Indexed J. 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
	4802		203		#11	5914		204		B.M. 44-4
	4.599		200			5.710		202		BREA CANYON RD. & 5th AVE.
	4.399		403'			5508		406'		SEE F.B. 1366-106
1	13.800'	4.600'		.403'	72°	17.132'	5.711'		.406'	FOR DESCRIPTION
	4.146		204			5500		204		T E. LANDA
	3.942		203			5.296		205		
	3.739		407'			5.091		409'		
2	11.827'	3.942'		.810'		15.887'	5.296'		.815'	
	5.572		204			3.516		206		
	5.368		204			3.310		204		
	5.164		408'			3.106		410'		
3	16.104'	5.368'		1.218'		9.932'	3.311'		1.225'	
	7.735		208			1.162		204		
	7.527		205			0.958		205		
	7.322		413'			0.753		409'		
4	22.584'	7.528'		1.631'		2.873'	0.958'		1.634'	
	7.432		205			3391		204		
	7.227		204			3.187		204		
	7.023		409'			2983		408'		
5	21.682'	7.227'		2.040'		9.561'	3.187'		2.042'	
		28.665'					18.463'			

F.B. 1366 P.G. 147

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 3:30 TO 4:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-4 To B.M. 44-5
Date 1-27-55
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
	5.377	28.665'	204	2.040'		5.362	18.163'	203	2.042'	
	5.173		202			5.159		204		
	4.971		406'			4.955		407'		
6	15.521'	5.174'		2.446'		15.476'	5.159'		2.449	
	4.764		203			5.570		202		
	4.561		201			5.368		205		
	4.360		404'			5.163		407'		
7	13.685'	4.562'		2.850'		16.101'	5.367'		2.856'	SUMMATION OF RUN
	3.479		208			7.034		202		B.M. 44-4 TO B.M. 44-5
	3.271		204			6.832		201		TOTAL BACKSIGHTS + 46.675'
	3.067		412'			6.631		403'		TOTAL FORESIGHTS - 50.179'
8	9.817'	3.272'		3.262'		20.497'	6.832'	3	3.258	DIFF IN ELEVATION - 3.504'
	2.689		206			6.868		204		
	2.483		203			6.664		202		
	2.280		409'			6.462'		406'		
9	7.452'	2.484'		3.671'		19.994'	6.665'		3.664	
	2.729		212			7.908		216		B.M. 44-5
	2.517		210			7.692		213		5TH AVE. & BANNING WAY
	2.307		422'			7.479		429'		SEE F.B. 1366-107
10	7.553'	2.518'		4.093'		23.079'	7.693'		4.098	FOR DESCRIPTION
	46.675'					50.179'				

F.B. 1366 P.G. 148

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 2:45 TO 3:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-5 To B.M. 44-4
Date 1-27-55
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
	7.862		213		#11	2.687		212		B.M. 44-5
	7.649		215			2.475		211		5th AVE & BANNING WAY
	7.434		428'			2.264		423'		SEE F.B. 1366-107
1	22.945'	7.648'		428'	72°	7.426'	2.475'		423'	FOR DESCRIPTION
	7.172		203			2.994		204		
	6.969		201			2.790		202		T E. LANDA
	6.768		404'			2.588		406'		
2	20.909'	6.970'		832'		8.372'	2.791'		829'	
	7.219		201			3.665		205		
	7.018		200			3.460		207		
	6.818		401'			3.253		412'		
3	21.055'	7.018'		1.233'		10.378'	3.459'		1.241'	
	5.640		204			4.835		204		
	5.436		204			4.631		201		
	5.232		408'			4.430		405'		
4	16.308'	5.436'		1.641'		13.896'	4.632'		1.646'	
	5.347		206			5.360		203		
	5.141		202			5.157		201		
	4.939		408'			4.956		404'		
5	15.427'	5.142'		2.049'		15.473'	5.158'		2.050'	
		32.214'					18.515'			

F.B. 1366, P.G. 149

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-5 To B.M. 44-4
Date 1-27-55
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
	3.332	32.214	204	2.049		7.372	18.515	203	2.050	
	3.128		204			7.169		203		
	2.924		408			6.966		406		
6	9.384	3.128		2.457		21.507	7.169		2.456	
	1.211		205			7.783		205		
	1.006		205			7.578		205		
	0.801		410			7.373		410		SUMMATION OF RUN
7	3.018	1.006		2.867		22.734	7.578		2.866	B.M. 44-5 TO B.M. 44-4
	3.517		206			5.576		206		TOTAL BACKSIGHTS + 50.768
	3.311		204			5.370		202		TOTAL FORESIGHTS - 47.279
	3.107		410			5.168		408		DIFF IN ELEVATION + 3.489
8	9.935	3.312		3.277		16.114	5.371		3.274	
	5.570		207			4.217		205		
	5.363		203			4.012		203		
	5.160		410			3.809		408		
9	16.093	5.364		3.687		12.038	4.013		3.682	
	5.950		207			4.837		205		B.M. 44-4
	5.743		203			4.632		202		BREA CANYON RD. & 5TH AVE.
	5.540		410			4.430		407		SEE F.B. 1366-106
10	17.233	5.744		4.097		13.899	4.633		4.089	FOR DESCRIPTION
	50.768					47.279				

F.B. 1366 PG 150

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 1:45 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-4 To E.M. 44-5
Date 1-28-55
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
	4840		202		#11	5.950		203		B.M. 44-4
	4.638		201			5.747		205		BREA CANYON RD & 5TH AVE.
	4.437		403'			5.542		408'		SEE F.B. 1366-106
1	13.915'	4.638'		.403'	77°	17.239'	5.746'		.408'	FOR DESCRIPTION
	4142		204			5496		206		T E. LANDA
	3938		203			5.290		202		
	3735		407'			5.088		408'		
2	11.815'	3.938'		.810'		15.874'	5.291'		.816'	
	5.561		205			3507		207		
	5.362		203			3.300		203		
	5.159		408'			3.097		410'		
3	16.088'	5.363'		1.218'		9.904'	3.301'		1.226'	
	7.703		205			1.131		206		
	7.498		207			0.925		205		
	7.29'		412'			0.726		411'		
4	22.492'	7.497'		1.630'		2.776'	0.925'		1.637'	
	7282	21.436'	203			3239	15.763	204		
	7.079		201			3.035		204		
	6.878		404'			2831		408'		
5	21.239'	7.080'		2.034'		9.105'	3.035'		2.045'	
		28516'					18.298'			

F.B. 1366 P.G. 157

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:45 TO 2:40 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-4 To B.M. 44-5
Date 1-28-55
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
	5.421	28.516'	202	2.034'		5.410	18.398'	206	2.045'	
	5.219		202			5.204		204		
	5.017		404'			5.000		410'		
6	15.657'	5.219'		2.438'		15.614'	5.205'		2.455'	
	4.689		204			5.491		202		
	4.485		202			5289		202		
	4.283		406'			5086		404'		
7	13.457'	4.486'		2.844'		15.866'	5.289'		2.859'	SUMMATION OF RUN
	3.555		206			7.108		202		B.M. 44-4 TO B.M. 44-5
	3.349		206			6.906		202		TOTAL BACKSIGHTS + 46.579'
	3.143		412'			6.704		404'		TOTAL FORESIGHTS - 50.066'
8	10.047'	3.349'		3.256'		20.718'	6.906'		3.268'	DIFF IN ELEVATION -3.487'
	2.695		205			6.873		203		
	2.490		202			6.670		201		
	2.288		407'			6.469		404'		
9	7.473'	2.491'		3.663'		20.012'	6.671'		3.668'	
	2.729		211			7.912		215		B.M. 44-5
	2.518		211			7.697		216		5TH AVE & BANNING WAY
	2.307		422'			7.481		431'		SEE F.B. 1366-107
10	7.554'	2.518'		4.085'		23.090'	7.697'		4.098'	FOR DESCRIPTION
	46.579'					50.066'				

F.B. 1366 P.G. 152

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-5 To B.M. 44-4
Date 2-8-55
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
	8.085		215		#11	2.904		211		B.M. 44-5
	7.870		213			2.693		212		5TH AVE. & BANNING WAY
	7.657		428			2.481		423		SEE F.B. 1366-107
1	23.612	7.871		428		8.078	2.693		423	FOR DESCRIPTION
	6.823		203			2.636		204		
	6.620		201			2.432		202		T E. LANDA
	6.419		404			2.230		406		
2	19.862	6.621		.832		7.298	2.433		.829	
	6.965		204			3.407		207		
	6.761		200			3.200		204		
	6.561		404			2.996		411		
3	20.287	6.762		1.236		9.603	3.201		1.240	
	5.461		202			4.655		204		
	5.259		202			4.451		201		
	5.057		402	40		4.250		405		
4	15.777	5.259		1.638		13.356	4.452		1.645	
	5.109		207			5.121		201		
	4.902		203			4.920		202		
	4.699		410	50		4.718		403		
5	14.710	4.903		2.048		14.759	4.920		2.048	
		31.416					17.699			

F.B. 1366 P.G. 153

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 3:00 TO 3:30 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 6301.02
From B.M. 44-5 To B.M. 44-4
Date 2-8-55
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
	3.307	3.416'	206	2048		7.343	7.699'	204	2.048'	
	3.101		202	51		7.139		202		
	2.899		408'			6.937		406'		
6	9.307	3.102'		2,456		21.419	7.140'		2,454'	
	1.080		205			7.656		206		
	0.875		204			7.450		205		
	0.671		409'			7.245		411'		
7	2.626'	0.875'		2,868		22.351'	7.450'		2,865'	
	3.422		206			5.477		206		
	3.216		205			5.271		202		SUMMATION OF RUN
	3.011		411'			5.069		408'		B.M. 44-5 TO B.M. 44-4
8	9.649'	3.216'		3276		15.817'	5.272'		3,273'	TOTAL BACKSIGHTS + 49.413'
	5.399		204			4.046		205		TOTAL FORESIGHTS - 45.901'
	5.195		204			3.841		202		DIFF IN ELEVATION + 3.512'
	4.991		408'			3.639		407'		
9	15.585'	5.195'		3,684		11.526'	3.842'		3,680'	
	5.812		202			4.700		203		B.M. 44-4
	5.610		206			4.497		200		BREA CANYON RD. & 5TH AVE
	5.405		407'			4.297		403'		SEE F.B. 1366-106
F.B. 1364 P.G. 54 10	16.827'	5.609'		4,094		13.494'	4.498'		4,083'	FOR DESCRIPTION
	49.413'					45.901'				

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 10:30 Rod No 11 & 12

Name L.A. Co. PRECISE LEVELNET
Job No. 0301.02
From BM 44-4 To B.M. 44-5
Date 2-9-55
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
	4.671		202		#11	5.786		205		BM 44-4
	4.469		200			5.581		203		BREA CANYON RD. & 5TH AVE.
	4.269		402'			5.378		408'		SEE F.B. 1366-106
1	13.409'	4.470'		402'	68°	16.745'	5.582'		408'	FOR DESCRIPTION
	4.070		207			5.424		205		
	3.863		203			5219		202		E. LANDA
	3.660		410'			5.017		407'		
2	11.593'	3.864'		812'		15.660'	5.220'		815'	
	5.507		206			3.451		205		
	5.301		202			3.246		206		
	5099		408'			3.040		411'		
3	15.907'	5.302'		1.220'		9.737'	3.246'		1.226'	
	7.658		206			1.085		206		
	7.452		205			0.879		206		
	7.247		411'			0.673		412'		
4	22.357'	7.452'		1.631'		2.637'	0.879'		1.638'	
	7.348		205			3310		207		
	7.143		204			3.103		203		
	6.939		409'			2.900		410'		
5	21.430'	7.143'		2.040'		9.313'	3.104'		2.048'	
		28.231'					18.031'			

F.B. 1366 P.G. 155

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 11:15 Rod No. 11 #12

Name L.A.Co. PRECISE LEVELNET
Job No. 0301.02
From B.M. 44-4 To B.M. 44-5
Date 2-9-55
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
	5.248	28.231	204	2.040		5.236	18.031	205	2.048	
	5.044		202			5.031		203		
	4.842		406			4.828		408		
6	15.134	5.045		2.446		15.095	5.032		2.456	
	4.591		205			5.397		205		
	4.386		204			5.192		202		
	4.182		409			4.990		407		
7	13.159	4.386		2.855		15.579	5.193		2.863	
	3.347		209			6.902		202		SUMMATION OF RUN
	3.138		206			6.700		201		B.M. 44-4 TO B.M. 44-5
	2.932		415			6.499		403		TOTAL BACKSIGHTS +45.602
8	9.417	3.139		3.270		20.101	6.700		3.266	TOTAL FORESIGHTS -49.114
	2.570		202			6.756		204		DIFF IN ELEVATION -3.512
	2.368		206			6.552		202		
	2.162		408			6.350		406		
9	7.100	2.367		3.678		19.658	6.553		3.672	
	2.646		213			7.820		215		B.M. 44-5
	2.433		211			7.605		214		5TH AVE. & BANNING WAY
	2.222		424			7.391		429		SEE F.B. 1366-107
10	7.301	2.434		4.102		22.816	7.605		4.104	FOR DESC.
	45.602					49.114				

F.B. 1364 PG. 156

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE Inst. No 50010
Notes by G. E. DREIER Time 11:30 TO 12:00 Rod No #12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-5 To B.M. 44-6
Date 1-28-55
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
	3.864		209		#11	7.305		205		B.M. 44-5
	3.655		209			7.100		203		5th AVE. & BANNING WAY
	3.446		418 ✓			6.897		408 ✓		SEE F.B. 1366-107
1	10.965 ✓	3.655 ✓		.418 ✓	73°	21.302 ✓	7.101 ✓		408 ✓	FOR DESCRIPTION
	2.991		206			6.443		205		T E. LANDA
	2.785		205			6238		207		
	2.580		411 ✓			6.031 ✓		412 ✓		
2	8.356 ✓	2.785 ✓		829 ✓		18.712 ✓	6.237 ✓		820 ✓	
	4.149		210			4.904		203		
	3.939		209			4.701		204		
	3.730		419 ✓			4.497		407 ✓		
3	11.818 ✓	3.939 ✓		1248 ✓		14.102 ✓	4.701 ✓		1227 ✓	
	5.466		205			4.333		204		
	5.261		201			4.129		206		
	5.060		406 ✓			3.923		410 ✓		
4	15.787 ✓	5.262 ✓		1654 ✓		12.385 ✓	4.128 ✓		1637 ✓	
	6.026		208			2460		206		
	5.818		207			2.254		203		
	5.611		415 ✓			2.051		409 ✓		
5	17.455 ✓	5.818 ✓		2069 ✓		6.765 ✓	2.255 ✓		2046 ✓	
	21459 ✓					24422 ✓				

F.B. 1366, P.G. 152

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY Inst. No. 50010
Notes by G. E. DREIER Time 11:30 TO 12:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-5 To B.M. 44-6
Date 1-28-55
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
	7.832	21.459'	206	2062.069'		2604	24.422'	206	2062.042'	
	7.626		206			2.398		208		
	7.420		412			2.190		414'		
6	22.878'	7.626'		2.481'		7.192'	2.397'		2.460	
	6.792		208			3.229		208		
	6.584		205			3.021		204		
	6.379		413'			2.817		412'		
7	19.755'	6.585'		2.894'		9.067'	3.022'		2.872	
	6.558		206			3.510		207		
	6.352		204			3.303		203		
	6.148		410'			3.100		410'		
8	19.058'	6.353'		3.304'		9.913'	3.304'		3.282	
	6.597		198			4.563		198		B.M. 44-6
	6.399		197			4.365		197		5TH AVE OPPOSITE HO. # 20350
	6.202		395'			4.168		395'		SEE F.B. 1366-108
9	19.198'	6.399'		3.699'		13.096'	4.365'		3.677'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-5 TO B.M. 44-6
										TOTAL BACKSIGHTS + 48.422'
										TOTAL FORESIGHTS − 37.510'
										DIFF IN ELEVATION +10.912'
	48.422'					37.510'				

F.B. 1366 P.G. 158

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-6 To B.M. 44-5
Date 1-28-55
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
	4.673		197		#11	6.706		196		B.M. 44-6
	4.476		197			6.510		197		5TH AVE. OPPOSITE HO. # 20350
	4.279		394'			6.313		393'		SEE F.B. 1366-108
1	13.428'	4.476'		394'	73°	19.529'	6.510'		393'	FOR DESCRIPTION
	3.609		207			6.652		204		T E. LANDA
	3.402		204			6.448		204		
	3.198		411'			6.244		408'		
2	10.209'	3.403'		805'		19.344'	6.448'		804'	
	3.269		207			6.833		206		
	3.062		204			6.627		207		
	2.858		411'			6.420		413		
3	9.189'	3.063'		1216'		19.880'	6.627'		1214'	
	2.597		207			7.821		206		
	2.390		207			7.615		205		
	2.183		414			7.410		411		
4	7.170'	2.390'		1630'		22.846'	7.615'		1625'	
	2.516		206			6.080		207		
	2.310		204			5.873		204		
	2.106		410			5.669		411		
5	6.932'	2.311'		2040'		17.622'	5.874'		2036'	
		15.643'					33.074'			

F.B. 1364 P.G. 159

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 10.50 TO 11.30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 44-6 To B.M. 44-5
Date 1-28-55
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
	4.365	15.643	205	2.040		5.499	3.294	206	2.036	
	4.160		203			5.293		202		
	3.957		408			5.091		408		
6	12.482	4.161		2.448		15.883	5.294		2.444	
	4.884		205			4.130		211		
	4.679		205			3.919		208		
	4.474		410			3.711		419		
7	14.037	4.679		2.858		11.760	3.920		2.863	
	6.396		207			2.943		205		
	6.189		207			2.738		207		
	5.982		414			2.531		412		
8	18.567	6.189		3.272		8.212	2.737		3.275	
	7.319		205			3.875		209		B.M. 44-5
	7.112		204			3.666		207		5TH AVE. & BANNING WAY
	6.908		409			3.459		416		SEE F.B. 1366-107
9	21.337	7.112		3.681		11.000	3.667		3.691	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-6 TO B.M. 44-5
										TOTAL BACKSIGHTS + 37.784'
										TOTAL FORESIGHTS - 48.692'
	37.784'					48.692'				DIFF IN ELEVATION 10.908'

F.B. 1366 PG. 160

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 11:25 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-6 To B.M. 44-7
Date 1-31-55
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
	7.946		206		#11	4.438		206		B.M. 44-6
	7.740		202			4.232		203		5th AVE & [illegible] 20350
	7.538		408			4.029		409		SEE F.B. 1366-108
1	23.224	7.741		.408		12.699	4.233		.409	FOR DESCRIPTION
	7.027		206			4.181		207		
	6.821		203			3.974		204		⊼ E. LANDA
	6.618		409			3.770		411		
2	20.466	6.822		.817		11.925	3.975		.820	
	6.466		206			4.944		207		
	6.260		202			4.737		204		
	6.058		408			4.533		411		
3	18.784	6.261		1.225		14.214	4.738		1.231	
	5.979		204			4.749		208		
	5.775		204			4.541		204		
	5.571		408			4.337		412		
4	17.325	5.775		1.633		13.627	4.542		1.643	
	6.153		204			4.588		208		
	5.949		205			4.380		204		
	5.744		409			4.176		412		
5	17.846	5.949		2.042		13.144	4.381		2.055	
		32.548					21.869			

F.B. 1366 P.G. 161

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 11:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-6 To B.M. 44-7
Date 1-31-55
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
	4868	32.548	207	2,072	2	6769	21.367	206	2,055	
	4.661		204			6.563		203		
	4457		411			6.360		409		
6	13.986	4.662		2,454	3	19.692	6.564		2,464	
	4.205		205			7.045		208		
	4.000		203			6.840		207		
	3.797		408		1	6.633		415		
7	12.002	4.001		2862		20.521	6.840		2879	
	3.956		205			6.877		205		SUMMATION OF RUN
	3.751		206			6.672		202		B.M. 44-6 TO B.M. 44-7
	8.545		411		2	6.470		407		TOTAL BACKSIGHTS +52.665
8	11.252	3.751		3278		20.019	6.673		3286	TOTAL FORESIGHTS -55.604
	3.970		208			6.771		203		DIFF IN ELEVATION -2.939
	3.762		204			6.568		206		
	3558		412		4	6.362		409		
9	11.290	3.763		3684		19.701	6.567		3695	
	4.139		199			7.292		202		B.M. 44-7
	3.940		199			7.090		200		5TH AVE., .25 MI. E. OF BREA CANYON CUTOFF
	3.741		398		2	6.890		402		SEE F.B. 1366-109
10	11.820	3.940		4083		21.272	7.091		4097	FOR DESCRIPTION
	52.665					55.604				

F.B. 1366 P.G. 162

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. 50010
Notes by G.E. DREIER Time 10:15 TO 10:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-7 To B.M. 44-6
Date 1-31-55
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
	7.333		202		#11	4.193		200		B.M. 44-7 CUT OFF
	7.131		200			3.990		200		5TH AVE, .25 MI. E. OF BREA CANYON
	6.931		202			3.790		200		SEE F.B. 1366-109
1	21.395	7.132		402	56°	11.970	3.990		400	FOR DESCRIPTION
	6.718		205			3.920		208		
	6.513		203			3.712		205		E. LANDA
	6.310		208			3.507		213		
2	19.541	6.514		810		11.139	3.713		513	
	6.831		201			3.917		206		
	6.630		204			3.711		205		
	6.426		205			3.508		206		
3	19.857	6.619		1215		11.131	3.710		1.227	
	7.018		207			4.174		204		
	6.811		207			3.970		203		
	6.604		204			3.767		207		
4	20.433	6.811		1.629		11.911	3.970		1.634	
	6.656		205			4.790		206		
	6.451		202			4.584		204		
	6.279		207			4.380		210		
5	19.446	6.482		2.036		13.754	4.585		2.044	
		33.568					19.968			

F.B. 1366 P.G. 142

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 44-7 To B.M. 44-6
Date 1-31-55
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
	4.463	3.568	205	2036		6.032	3.968	206	2044	
	4.258		205			5.826		205		
	4.053		410			5.621		411		
6	12.774	4.258		2.446		17.479	5.826		2.455	
	4.693		208			5.925		206		
	4.485		205			5.719		205		
	4.280		413			5.514		411		
7	13.458	4.486		2.859		17.158	5.719		2.866	
	4.868		206			6.390		205		SUMMATION OF RUN
	4.662		203			6.185		205		B.M. 44-7 TO B.M. 44-6
	4.459		409			5.980		410		TOTAL BACKSIGHTS +55.161
8	13.989	4.663		3.268		18.555	6.185		3.276	TOTAL FORESIGHTS -52.233
	4.207		207			7.045		204		DIFF IN ELEVATION +2.928
	4.000		205			6.841		202		
	3.795		412			6.639		406		
9	12.002	4.001		3.680		20.525	6.842		3.682	
F.B. 1366-144	4.391		207			7.898		206		B.M. 44-6
	4.184		204			7.692		202		5TH AVE & HOUSE = 20.50
	3.980		411			7.490		408		SEE F.B. 1366-108
10	12.555	4.185		4.091		23.080	7.693		4.090	FOR DESCRIPTION
	65.161					52.233				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-6 To B.M. 44-7
Date 2-9-55
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.454		204			3950		206		B.M. 44-6
	7.250		203			3.744		203		5TH AVE OPPOSITE HO.# 20350
	7.047		407			3.541		409		SEE F.B. 1360-108
1	21.751	7.250		.407		11.235	3.745		.409	FOR DESCRIPTION
	6.228		204			3.383		205		
	6.024		203			3.178		207		⊼ E. LANCA
	5.821		407			2.971		412		
2	18.073	6.024		.814		9.532	3.177		.821	
	6.266		205			4.742		205		
	6.061		205			4.537		204		
	5.856		410			4.333		409		
3	18.183	6.061		1.224		13.612	4.537		1.233	
	5.333		206			4.079		207		
	5.127		205			3.892		205		
	4.922		411			3.687		412		
4	15.382	5.127		1.635		11.678	3.893		1.642	
	5.740		207			4.169		206		
	5.533		203			3.963		203		
	5.330		410			3.760		409		
5	16.603	5.534		2.045		11.892	3.964		2.051	
	29.996					19.316				

F.B. 1360, P.G. 165

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 2:20 TO 3:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-6 To B.M. 44-7
Date 2-9-55
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
	4.303	2.996	.207	2.045		6.194	6.396	.204	2.051	
	4.096		.205			5.990		.200		
	3.891		412			5.790		408		
6	12.290	4.097		2.457		17.974	6.191		2.455	
	3.658		.206			6.505		.207		
	3.452		.203			6.298		.207		
	3.249		409			6.091		414		
7	10.359	3.453		2.866		18.894	6.298		2.869	SUMMATION OF RUN
	3.289		.208			6.258		.201		B.M. 44-6 TO B.M. 44-7
	3.081		.205			6.057		.198		TOTAL BACK-SIGHTS = 47.397
	2.876		413			5.859		399		TOTAL FORESIGHTS = 50.314
8	9.246	3.082		3.279		18.174	6.058		3.272	DIFF IN ELEVATION = 2.917
	3.448		.211			6.174		.204		
	3.232		.210			5.970		.201		
	3.022		421			5.769		405		
9	9.697	3.232		3.700		17.913	6.071		3.673	
	3.737		.200			6.880		.200		B.M. 44-7
	3.537		.199			6.680		.201		5TH AVE, .25 MI. E. OF BREA
	3.338		399			6.479		401		CANYON CUT-OFF
10	10.612	3.537		4.099		20.039	6.680		4.078	SEE F.B. 1366-109 FOR DESC.
	47.397					50.314				

F.B. 1366 P.G. 166

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 C.E. DREIER Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 11:20 TO 12:05 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-7 To B.M. 44-6
Date 2-9-55
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
	6852		202		#11	3703		200		B.M. 44-7
	6.650		200			3.503		199		5TH AVE .25MI. E. OF
	6.450		402			3.304		399		BREA CANYON RD.
1	19.952	6.651		.402	68°	10,510	3.503		.399	SEE F.B. 1366-109
	6,180		204			3.447		210		FOR DESCRIPTION
	5.996		204			3.237		209		
	5.772		408			3.028		419		T E. LANDA
2	17.928	5.976		.810		9.712	3.237		.818	
	6.222		199			3.254		206		
	6.023		198			3.048		206		
	5.825		397			2.842		412		
3	18,070	6.023		1.207		9,144	3.048		1.230	
	6,458		207			3.611		205		
	6.251		206			3.406		205		
	6.045		413			3,201		410		
4	18,754	6.251		1.620		10,218	3.406		1.640	
	6,236		205			4.341		206		
	6.031		201			4.135		204		
	5.830		406			3.931		410		
5	18,097	6.032		2,026		12.407	4.136		2,050	
		30,933					17330			

F.B. 1366 PG. 147

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 11:20 TO 12:05 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVELNET
Job No. 0301.02
From B.M. 44-7 To B.M. 44-6
Date 2-9-55
Indexed A. C. Johnson

F.B. 1366-108

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
	4.011	30.933	207	2.026		5.581	17.330	204	2.050	
	3.864		205			5.377		204		
	3.599		412			5.173		408		
6	11.414	3.805		2.438		16.131	5.377		2.458	
	4056		207			5.290		207		
	3.849		206			5.083		203		
	3.643		413			4.880		410		
7	11.548	3.849		2.851		15.253	5.084		2.868	
	4.699		205			6.221		202		
	4.494		204			6.019		206		
	4.290		409			5.813		408	6	SUMMATION OF RUN
8	13.483	4.494		3.260		18.053	6.018		3.274	B.M. 44-7 TO B.M. 44-6
	3.290		207			6.133		202		TOTAL BACKSIGHTS +49.885
	3.083		203			5.931		202		TOTAL FORESIGHTS -46.966
	2.880		410			5.729		404	80	DIFF IN ELEVATION +2.919
9	9.253	3.084		3.670		17.793	5.931		3.678	
	3.925		206			7.431		204		B.M. 44-6
	3.719		203			7.227		206		5TH AVE OPPOSITE HO.E 20350
	3.516		409			7.021		410	90	SEE F.B. 1366-108
10	11.160	3.720		4.079		21.679	7.226		4.088	FOR DESCRIPTION
		49.885					46.966			

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 3:00 TO 3:45 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 44-7 To B.M. 44-8
Date 1-31-55
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
	4889		205		#11	6,784		204		B.M. 44-7 CANYON N. CUT-OFF
	4,684		203			6.580		203		5th AVE., 25 mi. E. OF BOEA
	4.481		408			6,377		1407		SEE F.B. 1366-109
1	14.054	4.685		408	64°	19.741	6.580		407	FOR DESCRIPTION
	3.545		205			7.149		209		
	3.340		203			6,940		205		
	3.137		408			6,735		414		E. LANDA
2	10.022	3.341		.816		20.824	6.941		.821	
	2.789		206			7627		206		
	2.583		203			7.421		203		
	2.380		409			7.218		409		
3	7.752	2.584		1.225		22,266	7.422		1.230	
	3.689		207			6.851		206		
	3.482		203			6.645		204		
	3.279		410			6.441		410		
4	10.450	3.483		1.632		19.937	6.646		1.634	
	3.783		208			7.511		204		
	3.780		205			7.307		205		
	3.575		413			7.102		409		
5	11.338	3.781		2.048		21.920	7.307		2.048	
	17.874					34.896				

F.B. 366 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50610
Notes by G. E. DREIER Time 3:00 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-7 To B.M. 44-8
Date 1-31-55
Indexed A. C. Johnson

F.B. 1346 P.G. 170

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
	4.100	17.874	203	2032048		6.679	3.896	203	2048	
	3.897		206			6.476		205		
	3.691		409			6.271		408		
6	11.688	3.896		2457		19.426	6.475		2456	
	3.453		203			9.025		205		
	3.250		202			8.820		201		
	3.048		405			8.619		406		
7	9.751	3.250		2862		26.464	8.821		2865	
	1.669		205			9.772		202		
	1.464		203			9.570		205		
	1.261		408			9.365		407		
8	4.394	1.465		3264		28.707	9.567		3269	
	1.194		204			9.965		204		
	0.990		202			9.761		200		
	0.788		406			9.561		404		
9	2.972	0.991		3675		29.287	9.762		3678	
	0.860		204			10.384		205		
	0.656		205			10.179		205		
	0.451		409			9.974		410		
10	1.967	0.656		4084		30.537	10.179		4083	
	28.132					79.702				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 5001D
Notes by G. E. DREIER Time 3:00 TO 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 44-7 To B.M. 44-8
Date 1-31-55
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
	0,782	28,132 ✓	211	4.084 5		10.366	79.202 ✓	213	4.088 4	B.M. 44-8
	0.571		211			10.053		211		5TH AVE, 35 M. W. OF BREA CANYON (FUTURE)
	0.360		422 ✓			9.842		424 ✓		SEE F.B. 1366-110
11	1.713	10.571 ✓		4.504 7		30.161	10.054 ✓		4.504 8	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-7 TO B.M. 44-8
										TOTAL BACKSIGHTS + 28.703 ✓
										TOTAL FORESIGHTS - 89.756 ✓
										DIFF IN ELEVATION - 61.053 ✓
										F.B. 1366 P.G. 171
	28.703 ✓					89.756 ✓				

76P526 S & E #379 1-54

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

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

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

F.B. 1344 P.G. 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-8 To B.M. 44-7
Date 1-31-55
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
1	10.152 9.939 9.728 29.819	9.940	213 211 424	424	#11 63°	0.677 0.463 0.253 1.393	0.464	214 210 424	424	B.M. 44-8 5TH AVE, 35 M. N. CANYON CUT-OFF OF BREA SEE C.S.B. 1366-110 FOR DESCRIPTION
2	10.252 10.155 9.950 30.357	10.119	207 203 410	834		0.867 0.661 0.458 1.986	0.662	206 203 409	833	TO E. ANDA
3	12.339 10.750 9.150 32.239	10.746	1589 1589 1589	1,238		1.215 1.009 0.807 3.031	1.010	206 202 408	1,241	
4	9.655 7.452 5.250 22.357	7.452	203 202 405	1,644		1.354 1.150 0.945 3.449	1.149	204 205 409	1,650	
5	8.[illegible] 5.739 3.[illegible] 26.215	5.738	204 [illegible] 410	2,054		3.374 3.170 2.969 9.513	3.171	204 201 405	2,055	
	43.093					6.658				

F.B. 1544 P.G. 173

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 500101
Notes by G. E. DREIER Time 2:00 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 44-8 To B.M. 44-7
Date 1-31-55
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
	6.497	48.094	205	2.054		3.920	6.658	203	2.052	
	6.292		202			3.717		204		
	6.090		407			3.513		407		
6	18.879	6.293		2.461		11.150	3.717		2.459	
	7.452		203			3.936		208		
	7.249		202			3.728		206		
	7.047		405			3.522		414		
7	21.748	7.249		2.866		11.186	3.729		2.873	
	6.807	6.636	206			3.650	[illegible]	207		
	6.601		202			3.443		203		
	6.399		408			3.240		410		
8	19.807	6.602		3.274		10.333	3.444		3.283	
	7.791		205			2.960		204		
	7.586		206			2.756		205		
	7.380		411			2.551		409		
9	22.757	7.586		3.685		8.267	2.756		3.692	
	7.361		204			3.760		203		
	7.157		205			3.557		205		
	6.952		409			3.352		408		
10	21.470	7.157		4.094		10.669	3.556		4.108	
		82.981					23.860			

F.B. 1366 P.G. 174

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

Name L. A. [illegible]
Job No. 0301.02
From B.M. 44-8 To B.M. 44-7
Date 1-31-55
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
	6730	82981	203	4.094		4.838	23.860	205	4.100	B.M. 44-7
	6.527		206			4.633		202		5th AVE, .25 [illegible] CANYON CUT OFF
	6.321		409			4.431		407		SEE F.B. 1366-109
11	19.578	6.526		4.503		13.902	4.634		4.507	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-8 TO B.M. 44-7
										TOTAL BACKSIGHTS + 89.507
										TOTAL FORESIGHTS - 28.494
										DIFF IN ELEVATION - 61.013
		89.507					28.494			

F.B. 1366 P.G. 195

76P526 S & E #379 1-54

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

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

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

F.B. 1346 P.G. 174

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 8:45 TO 9:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-7 To B.M. 44-8
Date 2-1-55
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
	4878		205		#11	6776		205		B.M. 44-7
	4.673		203			6.571		202		5th AVE .25 M. E. OF BREA CANYON CUT-OFF
	4.470		408			6.369		407		SEE F.B. 1366-109
1	14.021	4.674		.408	56°	19.716	6.572		407	FOR DESCRIPTION
	3.760		203			7.365		206		
	3.557		204			7.159		206		⊼ E. LANDA
	3.353		407			6.953		412		
2	10.670	3.557		.815		21.477	7.159		819	
	2.952		203			7.793		206		
	2.749		205			7.587		205		
	2.544		408			7.382		411		
3	8.245	2.748		1.223		22.762	7.587		1.234	
	3.710		204			6.871		203		
	3.506		205			6.668		205		
	3.301		409			6.463		408		
4	10.517	3.506		1.632		20.002	6.667		1.638	
	3.940		207			7.463		203		
	3.733		204			7.260		203		
	3.529		411			7.057		406		
5	11.202	3.734		2.043		21.780	7.260		2.048	
		18.219					35.245			

F.B. 1366 P.G. 177

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 8:45 TO 9:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-7 To B.M. 44-8
Date 2-1-55
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
	3.999	[illegible]	205	2.043		6.579	[illegible]	202	2.048	
	3.794		203			6.377		206	4	
	3.591		408			6.171		408		
6	11.384	3.795		2.451		19.127	6.376		2.458	
	3.375		204			8.951		204		
	3.171		201			8.747		203		
	2.970		405			8.544		407		
7	9.516	3.17[illegible]		2.85[illegible]		26.242	[illegible]		2.8[illegible]	
	[illegible]		205			9.[illegible]		204		
	1.377		202			9.47[illegible]		204		
	1.17[illegible]		407			9.27[illegible]		408		
8	4.119	1.373		3.263		28.437	[illegible]		2.[illegible]	
	1.205		205			9.979		202		
	1.000		203			9.777		203		
	0.797		408			9.574		405		
9	3.00[illegible]	1.001		3.671		29.330	[illegible]		3.67[illegible]	
	0.824		204			10.355		206		
	0.620		203			10.149		203		
	0.419		407			9.946		409		
10	1.861	0.620		4.078		30.450	[illegible]		4.085	
		28.180					[illegible]			

F.B. 1366 P.G. 178

76P526 S & E #379 1-54

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Chief of Party C. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 8:45 TO 9:50 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVELNET
Job No 0301.02
From B.M. 44-7 To B.M. 44-8
Date 2-1-55
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
	0.77	28.180	211	4.078		10.255	79.774	212	4.085	B.M. 44-8
	0.560		210			10.043		211		CANYON CUT-OFF
	0.350		421	4499		9.832		423	4.508	5th AVE., 135 M.N. OF BREA
11	1.681	0.560			57°	20.130	10.043			4 SEE F.B. 1366-110 FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-7 TO B.M. 44-8
										TOTAL BACKSIGHTS +28.718
										TOTAL FORESIGHTS -89.817
										DIFF IN ELEVATION -61.077
										F.B. 1366 P.G. 129
		28.718					89.817			

76P526 S & E #379 1-54

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. GREIER 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 Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 1396 P.G. 180

76P526 S & E #379 1-54

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:50 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-8 To B.M. 44-7
Date 2-1-55
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
	10.258		214		#11	0.777		212		B.M. 44-8 CANYON CUT-OFF
	10.044		212			0.565		210		5th AVE., .35 MI. W. OF BREA
	9.832		426			0.355		422		SEE F.B. 1366-110
1	30.134	10.045		.426	56°	1.697	0.566		.422	FOR DESCRIPTION
	10.391		204			0.862		203		
	10.187		206			0.659		202		
	9.981		410			0.457		405		⊼ E. LANDA
2	30.559	10.186		.836		1.978	0.659		.827	
	9.987		204			1.212		203		
	9.783		203			1.009		206		
	9.580		409			0.803		409		
3	29.350	9.783		1.243		3.024	1.008		1.236	
	9.700		203			1.396		206		
	9.497		205			1.390		202		
	9.292		408			1.188		408		
4	28.489	9.496		1.651		4.174	1.391		1.644	
	8.880		206			3.305		203		
	8.674		203			3.102		202		
	8.471		409			2.900		405		
5	26.025	8.675		2.060		9.307	3.102		2.049	
		48.185					6.726			

F.B. 1366 P.G. 181

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 9.50 TO 1.0 Rod No. 11 & 12

Name L. A. CO. PUBLIC WORKS
Job No. 0301.02
From B.M. 44-8 To B.M. 44-7
Date 2-1-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.622	48.185'	203	2.060'		4.046	6.726'	205	2.049'	
	6.419		202			3.841		202		
	6.217		405'			3.639		407'		
6	19.258'	6.419'		2.464'		11.526'	3.842'		2.456'	
	7.483		203			3.964		205		
	7.280		204			3.759		207		
	7.076		407'			3.552		412'		
7	21.839'	7.280'		2.572'		11.275'	3.758'		3.858'	
	6.924		204			3.760		206		
	6.720		202			3.560		203		
	6.518		406'			3.357		409'		
8	20.162	6.721'		3.278'		10.683'	3.561'		3.277'	
	7.803		204			2.967		207		
	7.599		206			2.760		203		
	7.393		410'			2.557		410'		
9	22.795'	7.598'		3.688'		8.284'	2.761'		3.687'	
	7.408		205			3.802		204		
	7.203		205			3.598		203		
	6.998		410'			3.395		407'		
10	21.609'	7.203'		4.098'		10.795'	3.598'		4.094'	
	88.406'					24.746'				

F.B. 1366 P.G. 182

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 9:50 TO 10:40 Rod No 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-8 To B.M. 44-7
Date 2-1-55
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
	6,802	83.406	203	4.098		4.910	24.246	206	4.094	B.M. 44-7 CUT-OFF
	6.599		205			4.704		203		5TH AVE., .25 MI. E. OF BREA CANYON
	6.394		198			4.501		199		SEE F.B. 1366-109
11	19.795	6.598		4.506	62	14.115	4.705		4.503	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-8 TO B.M. 44-7
										TOTAL BACKSIGHTS +90.004
										TOTAL FORESIGHTS -28.951
										DIFF. IN ELEVATION +61.053
										F.B. 1376 P.G. 103
	90.004					28.951				

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. 366 P.G. 184

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 1:00 To 2:00 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-8 To B.M. 44-7
Date 2-9-55
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
	10291		211		#11	0810		207		B.M. 44-8
	10080		210			0603		210		5TH AVE., .35 MI. W. OF BREA
	9870		421			0393		417		CANYON CUT-OFF
1	30241	10.080		4211		1806	0.602		417	SEE F.B. 1366-110 FOR DESC.
	10420		203			0893		203		
	10217		204			0690		203		↑ G. E. Dreier
	10013		407			0487		406		
2	30650	10.217		828		2070	0.690		823	
	9631		203			0854		203		
	9428		203			0651		204		
	9225		406			0447		407		
3	28284	9.428		1234		1952	0.651		1230	
	8952		203			0747		203		
	8749		201			0641		203		
	8548		404			0438		406		
4	26249	8.750		1638		1923	0.641		1634	
	8297		204			2721		202		
	8093		202			2519		201		
	7891		406			2318		403		
5	24281	8.094		2044		7558	2.519		2039	
		46.569					5.103			

F.B. 1366 P.G. 105

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 E. Landa Time 1:00 To 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-8 To B.M. 44-7
Date 2-9-55
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
	6110	46.569	204	2044		3531	5.103	203	2039	
	5906		203			3328		201		
	5703		407			3127		404		
6	17719	5.906		2451		9986	3.329		2443	
	6604		204			3083		205		
	6400		203			2878		206		
	6197		407			2672		411		
7	19201	6.400		2858		8633	2.878		2854	
	6299		203			3139		204		
	6096		204			2935		202		
	5892		407			2733		406		
8	18287	6.096		3265		8807	2.936		3260	
	7126		207			2148		219		
	6919		204			1929		217		
	6715		411			1712		736		
9	20760	6.920		3676		5789	1.930		3692	
	6737		189			3511		203		
	6548		191			3308		208		
	6357		380			2905		406		
10	19642	6.547		4056		9324	3.108		4102	
		78.438					19.284			

F.B. 1346 P.G. 184

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 1100 To 2100 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 330.02
From B.M. 44-8 To B.M. 44-7
Date 2-9-56
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
	6212	8.438	214	4052		4297	19.296	196	4102	B.M. 44-9
	5998		213			4101		192		5th Ave. .25 mi. E. of Brea Cany
	5785		427			3909		388		See F.B. 1366-109
11	11995	5.998		4493		12307	4.102		4490	for description
										Summation of Run B.M. 44-8 To B.M. 44-9
										Total Backsights = + 84.436
										Total Foresights = - 23.396
										Diff. in Elev. = + 61.040
										F.B. 1366 P.G. 187
	84.436					23.396				

76P526 S & E #379 1-54

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

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

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

F.B. 1346 P.G. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. 50010
Notes by E. Landa Time 10:35 to 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-8 To B.M. 44-9
Date 2-1-55
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
	[illegible]		[illegible]		#11	[illegible]		[illegible]		B.M. 44-8 CANYON CUT-OFF
	2945		[illegible]			[illegible]		[illegible]		5th AVE., .35 MI. W. OF BREA
	2920		[illegible]			[illegible]		451		SEE F.B. 1366-110
1	8835	2.945		450	62°	22899	7.633		451	FOR DESCRIPTION
	3649		205			6539		[illegible]		
	3444		203			6335		[illegible]		↑ G.E. Dreier
	3241		408			6131		408		
2	10334	3.445		858		19005	6.335		859	
	5072		202			3811		204		
	4870		203			3607		204		
	4667		405			3403		408		
3	14609	4.870		1263		10821	3.607		1267	
	7502		206			2755		203		
	7296		205			2552		200		
	7091		411			2352		403		
4	21889	7.296		1674		7659	2.553		1670	
	[illegible]		[illegible]			[illegible]		207		
	[illegible]		[illegible]			[illegible]		[illegible]		
	[illegible]		[illegible]			3998		410		
5	20934	6.978		[illegible]		12607	4.202		2080	
		25.534					24.330			

F.B. 1366 P.G. 189

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. 5201.0
Notes by E. Leonard Time 9:25 to 11:50 Rod No. W.E.L.

Name L. A. CO. PRECISE LEVEL NET
Job No. 0304.32
From C.M. 44-8 To C.M. 44-9
Date 2-1-55
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
4	4011 25.534 / 3331 / 5225 / 12425	3.330	201 / 200 / 201 / 402	2084 / 2891		6330 / 4352 / 5800 / 22482	5.620	204 / 202 / 202 / 406	2080 / 2486	
5	8860	2.955	201 / 205 / 201 / 406	2891		6759 / 6554 / 6351 / 19664	6.555	205 / 203 / 203 / 411	2696	
6	3019 / 2813 / 2611 / 8443	2.814	206 / 208 / 208 / 416	3307		6123 / 6254 / 6040 / 18417	6.139	208 / 204 / 204 / 412	3308	Summation of Run C.M. 44-8 to C.M. 44-9
9	3930 / 3728 / 3522 / 11180	3.727	202 / 206 / 206 / 414	3073		6280 / 6100 / 5900 / 18280	6.093	204 / 200 / 204 / 408	3014	Fwd. Sum of Sights = 42.303 / Sum of Foresights = 56.233 / Diff. in Elev. = -13.930
10	3311 / 3465 / 3252 / 10395	3.465	206 / 206 / 212 / 424	4125		7137 / 6934 / 6720 / 20791	6.930	203 / 202 / 209 / 414	4125	C.M. 44-9 / Fd. Dept. Osterbein Ave. / For F.B. 1366-111 / For description
F.B. 1366 P.G. 120										
	42.303					56.233				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. [illegible]
Notes by E. Lande Time 11:20 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 44-9 To B.M. 44-3
Date 2-1-55
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
	7.171		203			3703		206		B.M. 44-9
	6.968		205			3497		205		5th Ave & Otterbein Ave
	6763		408			3292		411		See F.B. 1366-111
1	20902	6.967		408	58°	10492	3.497		411	for description
	6397		205			4058		207		
	6.192		203			3851		206		* G. E. Dreier
	5989		408			3645		413		
2	18577	6.193		816		11554	3.851		824	
	6499		207			3057		207		
	6291		205			2851		204		
	6086		413			2647				
3	18876	6.292		1229		8559	2.853		1235	
	6772		203			3170		205		
	6569		206			2965		203		
	6363		409			2762		208		
4	19704	6.568		1638		8897	2.966		1643	
	6393		204			4116		201		
	6189		202			3915		200		
	5987		406			3713		401		
5	18569	6.190		2044		11740	3.913		2044	
		32.210					17.080			

F.B. 1366 P.G. 191

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Cloudy Inst. No. 4-0010
Notes by F. Landa Time 11:20 To 1:45 Rod No. 4-852

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From B.M. 22-9 To B.M. 22-8
Date 2-1-55
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
6	4439 32.219 / 4231 / 4028 / 12698 / 12.231 /		208 / 203 / 203 / 614 /	2022 / 1411		7213 / 7009 / 6805 / 20227 / 20.227 /		204 / 204 / 200 / 608 /	2022 / 2152	
7	2470 / 2282 / 2080 / 6832 / 2.283 /		188 / 202 / 203 / 593 /	1359		9131 / 8928 / 8725 / 26784 / 26.784 /		203 / 203 / 204 / 610 /	2971	
8	3691 / 3488 / 3285 / 10462 / 3.487 /		203 / 205 / 203 / 611 /	3265		2952 / 2750 / 2548 / 8250 / 2.750 /		202 / 202 / 202 / 606 /	3265	Summation of Run B.M. 22-9 To B.M. 22-8
9	6059 / 5854 / 5651 / 17564 / 5.855 /		205 / 203 / 203 / 611 /	3613	F.B. 1366 P.G. 192	3162 / 2960 / 2758 / 8880 / 2.960 /		202 / 202 / 202 / 606 /	3669	Total Backsights = + 55.571 / Total Foresights = - 41.644 / Difference = + 13.927 /
10	7530 / 7305 / 7081 / 21916 / 7.305 /		225 / 224 / 219 / 668 /	4122		5618 / 5418 / 5218 / 16254 / 5.418 /		225 / 225 / 250 / 700 /	4119	B.M. 22-8 / 5th Ave 0.35 mi W. of Broadway / Ref. to 1366-110
	55.571					41.644				

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 3:05 TO 4:00 Rod No. 11 & 12

Name L. A. CO. ENGINEERS LEVEL NET
Job No 030102
From B.M. 44-9 To B.M. 44-10
Date 2-1-55
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
	5.112		218		#11	6.728		220		B.M. 44-9
	4.894		215			6.508		218		5TH AVE. & OTTERBEIN AVE
	4.679		433			6.290		438		SEE F.B. 1366-111
1	14.685	4.895		433	61°	19.526	6.509		438	FOR DESCRIPTION
	2.558		205			9.959		203		
	2.353		202			9.756		204		↑ E. LANDA
	2.151		407			9.552		407		
2	7.062	2.354		840		29.267	9.756		1,845	
	1.001		202			7.596		205		
	0.799		200			7.691		204		
	0.599		402			7.487		409		
3	2.399	0.800		1242		23.574	7.691		1254	
	3.750		201			6.517		206		
	3.549		201			6.311		202		
	3.348		402			6.109		408		
4	10.647	3.549		1.644		18.937	6.312		1,662	
	4.350		206			6.420		203		
	4.144		204			6.217		204		
	3.940		410			6.013		407		
5	12.434	4.145		2.054		18.650	6.217		2.069	
	15703					36.485				

F.B. 1366 P.G. 193

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No 50010
Notes by G. E. DREIER Time 3:05 TO 4:00 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-9 To B.M. 44-10
Date 2-1-55
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
	4.031	15.743	.203	2.054		6.458	6.485	264	2.069	
	3.828		206			6.254		202		
	3.622		409			6.052		406		
6	11.481	3.827		2.463		18.764	6.255		2.475	
	4.237		206			6.571		205		-49.106
	4.031		202			6.366		204		+ 23.602
	3.829		408			6.162		409		- 25.504
7	12.097	4.032		2.871		19.099	6.366		2.884	
		23.602					6.106			B.M. 44-9A
										5th AVE., S. SIDE A MI. POST 2.28
										B. SPK. 1.8FT FROM W. END OF
										CONC. CULVERT HEADWALL
	4.460		151			6.374		153		SEE F.B. 1366-111
	4.309		153			6.241		150		
	4.156		304			6.091		303		
8	12.925	4.308		3.175		18.706	6.242		5.187	
	4.091		203			6.492		202		
	3.888		204			6.290		202		
	3.684		407			6.088		404		
9	11.663	3.888		3.582		18.870	6.290		3.591	
F.B. 1366 P.G. 194										
	31.798					6[illegible]38				

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 3:05 TO 4:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-9 To B.M. 44-10
Date 2-1-55
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
	4.343	3.798'	204	3.582'		6.874	6.638'	203	3.591'	
	4.139		200			6.671		201		
	3.939		404'			6.470		404'		
10	12.421'	2.145'		3.986'		20.015'	6.672'		3.995'	
	3.690		202			6.293		202		
	3.488		202			6.094		202		
	3.286'		404'			5.889'		404'		
11	10.464'	3.488'		4.340'		18.276'	6.091'		4.399'	
	4.259		206			6.553		202		
	4.053		203			6.351		201		
	3.853		409'			6.150		403'		
12	12.162'	4.054'		4.799		19.054'	6.351'		4.802	
	3.821		204			6.359		206		B.M. 44-10
	3.617		206			6.153		202		5TH AVE. & DESOTO AVE.
	3.411		410'			5.951		408'		SEE F.B. 1366-112
13	10.849'	3.616'		5.209'	62°	18.463'	6.154'		5.210'	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 47.096'
										TOTAL FORESIGHTS - 86.906'
										DIFF IN ELEV. 44-9 TO 44-10 - 39.810'
	47.096'					86.906'				" " " 44-9 TO 44-9A - 25.504
										" " " 44-9A TO 44-10 - 14.306

F.B. 1366 P.G. 19-25

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
Job No.
From To
Date
Indexed

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

F.B. 1364 P.G. 19 G.

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRIMARY LEVEL NET
Job No. 0.301.02
From B.M 44-10 To B.M 44-9
Date 2-3-55
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
	6.521		204		#11	3.979		206		B.M. 44-10
	6.317		205			3.773		204		5th AVE. & DESIRE AVE
	6.112		409'			3.569		410'		SEE F.B. 1366-112
1	18.950'	6.317'		409.		11.321'	3.774'		410'	FOR DESCRIPTION
	6.559		203			4.261		204		
	6.356		203			4.057		204		
	6.153		406'			3.853		408'		
2	19.068'	6.356'		815'		12.171'	4.057'		818'	
	6.663		204			4.054		202		
	6.459		201			3.852		201		
	6.258		405'			3.651		403'		
3	19.380'	6.460'		1.220'		11.557'	3.852'		1.221'	
	6.882		203			4.351		203		
	6.679		203			4.148		200		
	6.476		406'			3.948		403'		
4	20.037'	6.679'		1.626'		12.447'	4.149'		1.624'	
	6.401		202			3.999		203		
	6.199		200			3.796		204		
	5.999		402'			3.592		407'		
5	18.599'	6.200'		2.028'		11.387'	3.796'		2.031'	
	32.012'					19.628'				

F.B. 1366 P.G. 197

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 Rod No 11 & 12

Name L.A.Co PRECISE LEVEL NET
Job No 0301.02
From B.M. 44-10 To B.M. 44-9
Date 2-3-55
Indexed A. C. Johnson

F.B. 1366 P.G. 198

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
	6.351 3201		151 2028			4419	19.628	153 2031		38.212
	6.200		150			4.266		153		23.894
	6.050		3011			4.113		306		+ 14.318
6	18.601	6.200		2.329		12798	4.266		2.337	
	38.212					23.894				B.M. 44-9A
	6504		203			4171		207		
	6.301		202			3.964		203		
	6.099		405			3.761		410		
7	18.904	6.301		2.734		11.896	3.965		2.747	
	6433		203			4006		205		
	6.230		201			3.801		202		
	6.029		4041			3.599		407		
8	18.692	6.231		3.138		11.406	3.802		3.154	
	6459		202			4390		207		
	6.257		203			4.183		203		
	6.054		405			3.980		410		
9	18.770	6.257		3.543		12.553	4.184		3.564	
	57.001					35.845				

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

Name L. A. CO. PRECISE LEVEL NET
Job No Q 301.02
From B.M. 44-10 To B.M. 44-9
Date 2-3-55
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
	6.492	57.001'	204	3.543		3.726	35.845'	203	3.564	
	6.288		204			3.523		200		
	6.084		408'			3.323		403'		
10	18.864'	6.288'		3.951'		10.572'	3.524'		3.967'	
	7.868		207			0.970		202		
	7.661		203			0.765		204		
	7.458		410'			0.564		406'		
11	22.987'	7.662'		4.361'		2.302'	0.767'		4.373'	
	9.885		205			2.484		203		
	9.680		203			2.281		202		
	9.477'		408'			2.079'		405'		
12	29.042'	9.681'		4.769'		6.844'	2.281'		4.778'	
	6839		220			5.231		217		B.M. 44-9
	6.619		219			5.014		215		5th AVE. & OTTERBEIN AVE
	6.400		439'			4.799'		432'		SEE F.B. 1366-111
13	19.858	6.619		5.208'	56°	15.044	5.015'		5.210'	FOR DESCRIPTION

F.B. 1376 P.G. 192

SUMMATION OF RUN
TOTAL BACKSIGHTS +87.251'
TOTAL FORESIGHTS -47.432'
DIFF IN ELEV. B.M. 44-10 TO B.M. 44-9 +39.819'
" " " " " TO 44-9A +14.318'
" " " 44-9A TO 44-9 +25.501'

87.251' 47.432'

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. 136 PG. 200

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 1:30 TO 2:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-9A To B.M. 44-10
Date 2-8-55
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
	3.861		149		#11	5.800		152		B.M. 44-9A S. SIDE 5TH AVE. M.I. E. OF DESIREE AVE
	3.712		149			5.648		150		LARGE B. SPK. IN W. END OF CULVERT
	3.563		298			5.498		302		HEADWALL AT MILE POST "2.28"
1	11.136	3.712		.298	78°	16.946	5.649		.302	
	3.594		205			5.996		203		SEE F.B. 1366-111
	3.389		202			5.793		200		
	3.187		407			5.593		403		E. LANDA
2	10.170	3.390		.705		17.382	5.794		.705	
	3.715		205			6.242		202		
	3.510		203			6.040		200		
	3.307		408			5.840		402		
3	10.532	3.511		1.113		18.122	6.041		1.107	
	3.565		205			6.170		201		
	3.360		201			5.969		200		
	3.159		406			5.769		401		
4	10.084	3.361		1.519		17.908	5.769		1.508	
	4.033		204			6.330		204		
	3.829		205			6.126		202		
	3.624		409			5.924		406		
5	11.486	3.829		1.928		18.380	6.127		1.914	
			17.803					29.580		

F.B. 1364 P.G. 201

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:00 Rod No. 11 & 12

Name L. A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-9A To B.M. 44-10
Date 2-8-55
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
	3.826	17.803'	207	1928'		6364	29.580'	205	1.914'	B.M. 44-10
	3619		207			6.159		202		5TH AVE. & DESIRE AVE.
	3412		414'			5957		407'		SEE F.B. 1366-112
6	10.857'	3.619'		2342'		18.480'	6.160'		2.321'	FOR DESCRIPTION
										SUMMATION OF RUN
										B.M. 44-9A TO B.M. 44-10
										TOTAL BACKSIGHTS +21.422'
										TOTAL FORESIGHTS -35.740'
										DIFF IN ELEVATION -14.318'
	21.422'					35.740'				

F.B. 1366 P.G. 202

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. Dr[illegible] Weather Windy Inst. No. 50010
Notes by E. Landis Time 2:50 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-10 To B.M. 44-12
Date 2-3-55
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
	5071		140		#11	5357		140		B.M. 44-10
	4931		139			5217		140		5th Ave & Desire Ave
	4792		1279			5077		280		See F.B. 1366-112
1	14794	4.931		279	58°	15651	5.217		280	for description
	4409		206			5585		207		
	4201		203			5378		206		A G.E Dreier
	3998		409			5172		413		
2	12606	4.202		688		16135	5.378		693	
	4262		203			5720		201		
	4059		207			5519		200		
	3852		410			5310		401		
3	12173	4.058		1098		16558	5.519		1094	
	4299		209			5640		206		
	4090		211			5432		208		
	3879		420			5224		414		
4	12263	4.089		1518		16298	5.433		1508	
	4758		203			5670		205		
	4555		203			5465		203		
	4352		406			5262		408		
5	13665	4.555		1924		16397	5.466		1916	
	21.835					27.013				

F.B. 1364 P.G. 203

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party K. M. DREIER Weather Windy Inst. No. 50010
Notes by E. Lantz Time 2:50 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-10 To B.M. 44-12
Date 2-3-55
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
	4445	2.235	208	1924		5850	2.015	208	1910	
	4237		208			5642		207		
	4029		416			5435		415		
6	12711	6.237		2340		16927	6.642		2330	
	4333		203			4930		208		
	4630		203			4612		207		
	4427		406			4405		415		
7	13890	6.630		2748		13837	6.612		2945	
	5718		205			4639		207		
	5513		202			4432		204		
	5311		407			4228		411		
8	16722	5.574		3153		13299	4.433		3158	
	6266		209			4659		207		-46.152
	6057		207			4452		207		+42.334
	5850		416			4245		414		- 3.818
9	18173	6.058		3569		13356	2.452		3571	
										B.M. 44-11
										5th Ave 0.30 mi E. Fullerton Rd
										See F.B. 1366-113 for description
F.B. 1366 P.G. 20										

42.334 46.152

76P525 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy Inst. No. 5001.0
Notes by E. Lanoce Time 2:50 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-10 To B.M. 44-12
Date 2-3-55
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
10	7202 9023 8842 29072	42.332 9.024	179 176 355 3925	3570 69 4		21146 1939 1745 5818	6.152 1.939	175 174 349 3919	3570 1 20	
11	10630 10423 10219 31272	10.424	207 204 1411 4335	5		0639 0435 0231 1305	0.435	204 204 408 4328	8	
12	9758 9751 9543 29257	9.752	207 203 410 4746	5		0875 0675 0473 2026	0.675	203 202 405 4732	3	
13	7091 6887 6684 20662	6.887	204 203 407 5152			4005 3799 3596 11397	3.799	205 202 1407 5139	10	F.B. 1316 P.G. 205
14	4402 4199 3997 12598	4.199	203 202 405 5558	7		6735 6532 6329 19596	6.532	203 203 406 5532	4	
	82.620					59.532				

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 E. Landa Time 2:50 To 3:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-10 To B.M. 44-12
Date 2-3-55
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
	2108	82.620	192	5558		9892	59.532	186	5546	B.M. 44-12
	1916		191			9706		188		5th Ave & Fullerton Rd
	1725		383			9518		374		See F.B. 1366-114
15	5749	1.916		594	58	29116	9.705		5920	for description
										Summation of Run
										Total Backsights = +84.536
										Total Foresights = - 69.237
										Diff in Elev = +15.299
										B.M. 44-10 To B.M. 44-11 = - 3.818
										B.M. 44-11 To B.M. 44-12 = +19.117

F.B. 1366 P.G. 206

84.536 69.237

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy Inst. No. 50010
Notes by E. Landa Time 1:30 To 2:50 Rod No. 11612

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-10
Date 2-3-55
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
	9733		189		11	2147		192		B.M. 44-12
	9944		187			1955		191		5th Ave & Fullerton Rd.
	9557		376			1764		383		See F.B. 1366-114
1	29234	9.745		376	58°	5866	1.955		383	for descriptions
	6819		204			4437		204		
	6615		204			4283		203		⊼ G.E. Dreier
	6411		408			4080		407		
2	19845	6.615		784		12850	4.283		790	
	4101		204			7190		203		
	3897		204			6987		201		
	3693		408			6786		402		
3	11691	3.897		1192		20963	6.988		1194	
	0809		202			9889		207		
	0607		205			9682		206		
	0402		407			9471		411		
4	1818	0.606		1599		29049	9.683		1605	
	0640		203			10630		205		
	0437		205			10425		203		
	0232		408			10222		408		
5	1309	0.436		2007		31277	10.426		2013	
	21299					33335				

F.B. 1366 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 Windy Inst. No. 50010
Notes by E. Lande Time 1:30 To 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-10
Date 2-3-55
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
	2103	21.299	177	2007		9182	33.335	176	2013	
	1926		178			9006		174		-42.342
	1748		355			8832		350		+23.225
6	5777	1.926		2362		27.020	9.007		2363	-19.117
		23.225					42.342			B.M. 44-11
										5th AVE, .30 MI. E. OF FULLERTON RD.
										SEE F.B. 1366-113
										FOR DESCRIPTION
	5110		207			6720		209		
	4903		204			6511		209		
	4699		411			6302		418		
7	14712	4.904		2773		19533	6.511		2781	
	4683		206			5820		203		
	4477		206			5617		205		
	4271		412			5412		408		
8	13431	4.477		3185		16.849	5.616		3189	
	4863		206			4875		204		
	4657		208			4671		201		
	4449		414			4470		405		
9	13969	4.656		3599		14.016	4.672		3594	
		37.262					59.141			

F.B. 1366 P.G. 208

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 1:30 To 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-10
Date 2-3-55
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
	5867	37.262	209	3599		4460	59.161	209	3594	
	5658		207			4251		209		
	5051		414			4042		418		
10	16916	5.459		4015		12753	4.251		4012	
	5600		205			4754		202		
	5459		205			4549		202		
	5254		410			4347		404		
11	16397	5.459		4025		13549	4.549		4816	
	5658		208			4316		211		
	5450		208			4105		211		
	5242		416			3894		422		
12	16350	5.450		4841		12315	4.105		4838	
	5419		203			3757		206		
	5216		203			3757		206		
	5013		406			3551		412		
13	15648	5.216		5247		11271	3.757		5250	
	5595		203			4432		205		
	5392		204			4217		206		
	5188		407			4011		411		
14	16175	5.392		5654		12650	4.217		5661	
	64381					80020				

F.B. 136 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 WINDY Inst. No 50010
Notes by E. LANDA Time 1:30 To 2:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-10
Date 2-3-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5260	5.138	140	5654		4978	4.838	140	5661	B.M. 44-10
	5120		141			4838		140		5TH AVE. & DESIRE AVE
	4979		281			4698		280		SEE F.B. 1366-112
15	15359	5.120		5935	58°	14514	4.838		5941	FOR DESCRIPTION
										SUMMATION OF RUN
										TOTAL BACKSIGHTS + 69.558
										TOTAL FORESIGHTS - 84.858
							DIFF IN ELEV.			B.M. 44-12 TO B.M. 44-10 - 15.300
							" " "			" " TO B.M. 44-11 - 19.117
							" " "			" 44-11 TO B.M. 44-10 + 3.817

F.B. 1366 P.G. 210

69.558 84.858

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR BREEZE Inst. No. 50010
Notes by G. E. DREIER Time 11:20 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-13
Date 2-4-55
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
	1.231		157		#11	9 535		145		B.M. 44-12
	1.074		155			9.390		146		5TH AVE, ANAHEIM PUENTE RD.
	0.919		312			9.244		291		& FULLERTON RD.
1	3.224	1.075		312	58°	28.169	9.390		291	SEE F.B. 1366-114 FOR DESC.
	0.875		130			9.425		138		↑ E. LANDA
	0.745		132			9.287		138		
	0.613		262			9.149		276		
2	2.233	0.744		574		27.861	9.287		567	
	1517		164			8.947		164		
	1.353		163			8.783		160		
	1.190		327			8.623		324		
3	4.060	1.353		901		26.353	8.784		891	
	2282		214			6619		206		
	2068		216			6.413		203		
	1.852		430			6.210		409		
4	6.202	2.067		1331		19.242	6.414		1300	
	4657		209			6,120		210		
	4.448		209			5.910		210		
	4.239		418			5700		420		
5	13.344	4.448		1.749		17.730	5.910		1.720	
	9.687					39.785				

F.B. 1366 P.G. 211

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 11:20 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-12 To B.M. 44-13
Date 2-4-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.080 9.687		213	1.749		5.523 9.785		208	1.720	
	4.867		214			5.315		207		
	4.653		427			5.108		415		
6	14.600	4.867		2.176		15.946	5.315		2.135	
	4.873		206			5.706		209		
	4.667		207			5.497		207		
	4.460		413			5.290		416		
7	14.000	4.667		2.589		16.493	5.498		2.551	
	5.337		209			5.349		211		
	5.128		208			5.138		207		
	4.920		417			4.931		418		
8	15.385	5.128		3.006		15.418	5.139		2.969	
	5.158		208			5.452		205		
	4.950		209			5.247		204		
	4.741		417			5.043		409		
9	14.849	4.950		3.423		15.742	5.247		3.378	
	5.220		209			6.559		209		T.B.M. ANAHEIM-PUENTE RD.,
	5.011		207			6.350		209		1.50 MI. W. OF FULLERTON RD., CHSELED
	4.804		416			6.141		418		"X" ON S. CULVERT HEADWALL PAINTED
F.B. 1366 P.G. 212 10	15.035	5.012		3.839		19.050	6.350		3.796	"B.M. 11" AT MI. POST 0.73
	34.311					67.334				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:40 Rod No 11 & 12

Name L. A. CO. FLOOD CONTROL DIST.
Job No. 0301.02
From B.M. 44-12 To B.M. 44-13
Date 2-4-55
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
	6.901	34.311	198	3.839		4.463	67.334	211	3.796	
	6.703		196			4.252		212		
	6.507		394			4.040		423		
11	20.111	16.704		4.233		12.755	4.252		4.219	
	5.140		206			4.838		210		
	4.934		204			4.628		210		
	4.730		410			4.418		420		
12	14.804	4.935		4.643		13.884	4.628		4.639	
	5.558		208			4.790		210		
	5.350		204			4.580		209		
	5.146		412			4.371		419		
13	16.054	5.351		5.055		13.741	4.580		5.058	
	5.231		244			6.000		241		B.M. 44-13
	4.987		244			5.759		238		ANAHEIM - FULLERTON RD.
	4.743		488			5.521		479		.75 MI. W. OF FULLERTON RD.
14	14.961	4.987		5.543		17.280	5.760		5.537	SEE F.B. 1366 PG 115 FOR DESC.
										SUMMATION OF RUN
										B.M. 44-12 TO B.M. 44-13
										TOTAL BACKSIGHTS +56.288
										TOTAL FORESIGHTS -86.554
	56.288					86.554				DIFF. IN ELEVATION -30.266

F.B. 1366 P.G. 213

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No 50010
Notes by Time Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44 - To B.M. 44 -
Date 2-4-55
Indexed

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

F.B. 1366 P.G. 214

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 11:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-13 To B.M. 44-12
Date 2-4-55
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
	6.282		241		#11	5.514		244		B.M. 44-13
	6.041		238			5.270		240		ANAHEIM PUENTE RD, .75 mi.
	5.803		479			5.030		484		W. OF FULLERTON RD.
1	18.126	6.042		.479	58°	15.814	5.271		484	SEE F.B. 1366-115 FOR DESC.
	4.991		211			5.758		206		
	4.780		211			5.552		203		↑ E. LANDA
	4.569		422			5.349		409		
2	14.340	4.780		.901		16.659	5.553		.893	
	5.235		211			5.539		207		
	5.024		208			5.332		203		
	4.814		419			5.129		410		
3	15.073	5.024		1.32 ^{2}		16.000	5.333		1303	
	4.858		207			7.306		205		T.B.M. CHISELED "X" ON
	4.651		203			7.101		203		S. CULVERT HEADWALL AT
	4.448		410			6.898		408		POST M/M 0.73 PAINTED "B.M. 11"
4	13.957	4.652		1.73 ^{2}		21.305	7.102		1.711	
	6.899	20.478	210			5.557	23.259	207		
	6.689		211			5.350		209		
	6.478		421			5.141		416		
5	20.066	6.689		2.15 ^{3}		16.048	5.349		2.127	
	27.187					28.608				

F.B. 1366 P.G. 115

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 10:20 TO 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-13 To B.M. 44-12
Date 2-4-55
Indexed C. Johnson

F.B. 1364 P.G. 214

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
	5.456	27.187	205	2.152		5 159	25.308	208	2.127	
	5.251		203			4951		208		
	5.048		408			4.743		416		
6	15.755	5.252		2.560		14.853	4.951		2.543	
	5.326		210			5.313		209		
	5.116		211			5.101		208		
	4.905		421			4.893		417		
7	15.347	5.116		2.988		15.304	5.101		2.960	
	5.708		209			4.876		206		
	5.499		208			4.670		208		
	5.291		417			4.462		414		
8	16.498	5.499		3.398		14.008	4.669		3.374	
	5.549		210			5 103		212		
	5.339		208			4.891		212		
	5.131		418			4.679		424		
9	16.019	5.340		3.816		14.673	4.891		3.798	
	6.151		212			4.684		210		
	5.939		209			4.474		209		
	5.730		421			4.265		419		
10	17.820	5.940		4.238		13.423	4.474		4.217	
	54.334					52.694				

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 11:20 Rod No 118 12

Name L. A. CO. ENGINEER
Job No 030102
From B.M. 44-13 To B.M. 44-12
Date 2-4-55
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
	6.007	5.334	204	4.237		1.675	1.458	217	4.217	
	5.803		200			1.458		218		
	5.603		404			1.240		435		
11	17.413	5.804		4.642		4.373	1.458		4.652	
	8.975		163			1.543		163		
	8.812		162			1.380		161		
	8.650		325			1.219		324		
12	26.437	8.812		4.966		4.142	1.381		4.976	
	9.441		140			0.891		132		
	9.301		139			0.759		129		
	9.162		279			0.630		261		
13	27.904	9.301		5.245		2.280	0.760		6.237	
	9.568		146			1.262		153		B.M. 44-12
	9.422		143			1.109		156		5th AVE, ANAHEIM DUENTE
	9.279		289			0.953		309		RD. & FULLERTON RD
14	28.269	9.423		5.534		3.324	1.108		6.546	SEE F.B. 1366-114 FOR DESC.
										SUMMATION OF RUN
										B.M. 44-13 TO B.M. 44-12
										TOTAL BACKSIGHTS + 87.674
										TOTAL FORESIGHTS - 57.401
	87.674					57.401				DIFF IN ELEVATION +30.273

F.B. 1366 P.G. 217

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 50010
Notes by Time Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 44- To B.M. 44-
Date 2-4-55
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. 1366 P.G. 218

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Windy Inst. No. 50010
Notes by E. Landa Time 3:15 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-13 To B.M. 44-14
Date 2-4-55
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
	6191		200		#11	4977		204		B.M. 44-13
	5991		200			4684		203		Anaheim Puente Rd 0.75 mi
	5791		400			4481		207		W. of Fullerton Rd. See
1	17994	5.998		1400	58°	14053	4.684		407	F.B. 1366-115 for descr.
	5734		203			4283		203		
	5531		200			4080		202		T. G.E. Dreier
	5331		403			3878		405		
2	16596	5.532		803		12241	4.080		812	
	5887		204			4115		204		
	5683		201			3911		203		
	5482		405			3708		407		
3	17052	5.684		1208		11734	3.911		1219	
	5947		208			4057		205		
	5744		202			3852		202		
	5542		405			3650		407		
4	17233	5.744		1613		11559	3.853		1626	
	6071		202			3978		206		
	5869		201			3772		202		
	5668		403			3570		408		
5	17608	5.869		2016		11380	3.793		2034	
		28.827					20.321			

F.B. 1366 P.G. 219

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 E. Loida Time 3:15 To 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-13 To B.M. 44-14
Date 2-4-55
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
	6028	28.827	203	2016		4071	20.321	202	2034	
	5825		203			3869		203		
	5622		202	405		3666		202	405	
6	17475	5.825		2422		11606	3.869		2439	
	5753		202			4025		207		
	5551		201			3818		203		
	5350		203	406		3615		210	413	
7	16654	5.551		2825		11458	3.819		2849	
	5508		204			5705		202		
	5304		202			5503		202		Summation of Run
	5102		202	408		5301		204	406	B.M. 44-13 To B.M. 44-14
8	15914	5.305		3231		16509	5.503		3253	
	4197		150			6069		152		Total Backsights = + 53.355
	4047		150			5917		150		Total Foresights = - 44.660
	3897		300			5767		302		Diff. in Elev = + 8.695
9	12141	4.047		3531		17755	5.918		3555	
	5950		151			5316		146		B.M. 44-14
	3799		149			5230		147		Anaheim Fuente Rd. 1.25 m.
	3650		300			5083		293		S. Valley Blvd. See F.B. 1366-11
10	11399	3.800		3831	57°	15631	5.230		3848	for description
	53.355					44.660				

F.B. 1366 P.G. 220

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 2:30 To 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 4H-1H To B.M. 4H-13
Date 2-4-55
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
	5398		146		#11	3973		150		B.M. 4H-1H
	5252		149			3823		150		Anaheim Fuente Tank 1.25 mi
	5106		293			3673		300		S. of Valley Blvd.
1	15755	5.252		2931	58°	11469	3.823		300	See F.B. 1366-116 for descr.
	6019		150			4149		150		
	5869		150			3999		151		K G.E. Dreier
	5719		300			3848		301		
2	17607	5.869		5931		11996	3.999		601	
	5672		202			5473		202		
	5470		202			5271		203		
	5268		404			5068		405		
3	16410	5.470		997		15812	5.271		1006	
	4117		205			5849		202		
	3912		203			5647		204		
	3709		408			5443		406		
4	11738	3.913		1405		16939	5.646		1412	
	4169		204			6123		201		
	3965		203			5922		202		
	3762		407			5720		403		
5	11896	3.965		1812		17765	5.922		1815	
	24469					24661				

F.B. 1366 P.G. 221

76P526 S & E #379 1-54

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Chief of Party C. J. BREIER Weather Windy Inst. No. 50010
Notes by E. Leonez Time 2:30 To 8:10 Rod No. 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. HH-14 To B.M. HH-13
Date 2-4-55
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
	4068	24.469	205	1812		6124	24.661	202	18151	
	3863		203			5939		202		
	3660		4081			5737		4021		
6	11591	3.864		2220		17817	5.939		2219	
	4042		203			5932		201		
	3839		202			5731		203		
	3637		405			5528		3041		
7	11518	3.839		2625		17191	5.730		2623	
	4170		206			5939		201		
	3964		203			5738		202		
	3761		4091			5536		4031		
8	11895	3.965		3034		17213	5.738		3026	Summation of Run B.M. 44-14 To B.M. 44-13
	4308		205			5757		204		Total Backsights = +44.896
	4103		201			5553		201		Total Foresights = 53.592
	3902		4061			5352		4054		Diff. in Elev = -8.696
9	12313	4.104		3740		16662	5.554		3431	
	4859		204			6171		200		B.M. 44-13
	4655		203			5971		199		Anaheim Puente Rd. 0.95 mi
	4452		4071			5772		3991		W of Fullerton Rd.
10	13966	4.655		3847		17914	5.971		3330	See F.B. 1366-115 for descr.
F.B. 1366 P.G. 222										
	44.896					53.592/3				

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 9:20 TO 10:25 Rod No. 11812

Name L. A. CO. PRECISE LEVEL. NET
Job No. 0301.02
From B.M. 44-14 To B.M. 44-15
Date 2-7-55
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
	2.925		212		#11	8.446		213		B.M. 44-14
	2.713		211			8.233		212		ANAHEIM-PUENTE RD., 1.25
	2.502		423'			8.021		425'		MI. S. OF VALLEY BLVD.
1	8.140'	2.713'		.423'	59°	24.700'	8.233'		.425'	SEE F.B. 1366-116 FOR DESC.
	2.439		216			7.590		215		E. LANDA
	2.223		212			7.375		213		
	2.011		428'			7.162		428'		
2	6.673'	2.224'		.858'		22.127	7.376'		.853'	
	3.104		204			5.464		204		
	2.900		203			5.260		206		
	2.697		407'			5.054		410'		
3	8.701'	2.900'		1.262		15.778	5.259'		1.263'	
	3.903		201			8.999		205		
	3.702		201			8.794		201		
	3.501		402'			8.593		406'		
4	11.106'	3.702'		1.668		26.386	8.795'		1.669'	
	1.513		205			8.423		205		
	1.308		205			8.218		204		
	1.103		410'			8.014		409'		
5	3.924'	1.308'		2.078		24.655'	8.218'		2.078'	
	12.847'					87.881'				

F.B. 1344 P.G. 223

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by G. E. DREIER Time 7:20 To 10:25 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-14 To B.M. 44-15
Date 2-7-55
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
	3.612	2.847	205	2.074		5.283	3.881	204	2.078	
	3.407		206			5.079		203		
	3.201		411			4.876		407		
6	10.220	3.407		2.485		15.238	5.079		2.485	
	1.898		208			8.688		205		
	1.690		206			8.483		202		
	1.484		414			8.281		407		
7	5.072	1.691		2.899		25.452	8.484		2.892	
	2.411		206			7.138		208		
	2.205		205			6.930		204		
	2.000		411			6.726		412		
8	6.616	2.205		3.306		20.794	6.931		3.304	
	2.998		206			8.371		206		
	2.792		203			8.165		205		
	2.589		409			7.960		411		
9	8.379	2.793		3.715		24.496	8.165		3.715	
	2.819		204			7.824		204		
	2.615		204			7.620		204		
	2.411		408			7.416		408		
F.B. 1366 P.G. 224 10	7.845	2.615		4.123		22.860	7.620		4.123	
	25.558					74.160				

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 9:20 TO 10:25 Rod No. 11 & 12

Name L. A. CO. ENGINEERING LEVEL NET
Job No 030102
From B.M. 44-14 To B.M. 44-15
Date 2-7-55
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
	1.831	25.558'	204	4.127		8631	74.160'	207	4.123	
	1.627		204	3		8.424		204		
	1.423		408'			8.220		411'		
11	4.881'	1.627'		4.535		25.275'	8.425'		4.534'	
	2.311		207			7.896		206		
	2.104		204			7.690		206		
	1.900		411'	4		7.484		412'		
12	6.315'	2.105'		4.948		23.070'	7.690'		4.946'	
	3.097		209			7.872		208		
	2.888		208			7.664		204		
	2.680		417'	59		7.460		412'		
13	8.665'	2.888'		5.365		22.996'	7.665'		5.358'	
	2.793		205			8250		203		B.M. 44-15 (PUENTE I-5)
	2.588		205			8.047		200		ANAHEIM-PUENTE RD. &
	2.383		410'	69		7.847		403'		DEPOT ST
14	7.764'	2.588'		5.773		24.144'	8.048'		5.761'	SEE F.B. 1366-117 FOR DESC.
										F.B. 1366 P. 225
										SUMMATION OF RUN
										B.M. 44-14 TO B.M. 44-15
										TOTAL BACKSIGHTS + 34.766'
										TOTAL FORESIGHTS - 105.988'
		34.766'					105.988'			DIFF. IN ELEVATION - 71.222'

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 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. 1364 P.G. 226

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 10:25 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-15 To B.M. 44-14
Date 2-7-55
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
	8.234		203		#11	2.778		206		B.M. 44-15 (PUENTE I-12)
	8.031		200			2.572		203		ANAHEIM-PUENTE R.D. &
	7.831		403			2.369		409		DEPOT ST.
1	24.096	8.032		.403	63°	7.719	2.573		.409	SEE F.B. 1366-117 FOR DESC
	7.912		205			3.139		210		E. LANDA
	7.707		207			2.929		207		
	7.500		412			2.722		417		
2	23.119	7.706		.815		8.790	2.930		.826	
	7.811		205			2.229		207		
	7.606		206			2.022		205		
	7.400		411			1.817		412		
3	22.817	7.606		1.226		6.068	2.023		1.238	
	8.591		206			1.792		202		
	8.385		206			1.590		203		
	8.179		412			1.387		405		
4	25.155	8.385		1.638		4.769	1.590		1.643	
	7.731		205			2.726		206		
	7.526		206			2.520		203		
	7.320		411			2.317		409		
5	22.577	7.526		2.049		7.563	2.521		2.052	
	39.255					11.637				

F.B. 1364 P.G. 227

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 10:25 TO 11:30 Rod No. 11 & 12

Name L. A. CO. FLOOD CONTROL DIST.
Job No. 0301.02
From B.M. 44-15 To B.M. 44-14
Date 2-7-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8344	39.255	205	2.049		2.973	11.637	206	2.052	
	8.139		206			2.767		207		
	7.933		411			2.560		413		
6	24.416	8.139		2.460		8.300	2.767		2.465	
	7.088		206			2.361		203		
	6.882		204			2.158		205		
	6.678		410			1.953		408		
7	20.648	6.883		2870		6.472	2.157		2873	
	8594		205			1.800		205		
	8.389		201			1.595		205		
	8.188		406			1.390		410		
8	25.171	8390		3.276		4.785	1.595		3.283	
	5.240		203			3.568		208		
	5.037		205			3.360		204		
	4.832		408			3.156		412		
9	15.109	5.036		3.684		10.084	3.361		3.695	
	8546		205			1.635		205		
	8.341		203			1.430		203		
	8.138		408			1.227		408		
F.B. 1364 P.G. 228 10	25.025	8.342		4.092		4.292	1.431		4.103	
	76.045					22.948				

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 10:25 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-15 To B.M. 44-14
Date 2-7-55
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
	9.083	6.045	202	4.09		3.989	2.948	201	4.103	
	8.881		202			3.788		200		
	8.679		404			3.588		401		
11	26.643	8.881		4.495		11.365	3.788		4.504	
	5.632		206			3.273		204		
	5.426		205			3.069		205		
	5.221		411			2.864		409		
12	16.279	5.426		4.904		9.206	3.069		4.913	
	7.620		216			2.466		216		
	7.404		212			2.250		213		
	7.192		428			2.037		429		
13	22.216	7.405		5.335		6.753	2.251		5.342	
	8.677		214			3.155		213		B.M. 44-14
	8.463		210			2.942		210		ANAHEIM PUENTE RD., 1.25
	8.253		424			2.732		423		MI. S. OF VALLEY BLVD.
14	25.393	8.464		5.758		8.829	2.943		5.765	SEE F.B. 1366-116 FOR DESC.
										SUMMATION OF RUN
										B.M. 44-15 TO B.M. 44-14
										TOTAL BACKSIGHTS +106.221
										TOTAL FORESIGHTS - 34.999
	106.221					34.999				DIFF. IN ELEVATION +71.222

F.B. 1344 PG. 229

76P526 S & E #379 1-54

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

Name L. A. CO. SURVEYOR BOOK 1
Job No. .....
From ..... To .....
Date .....
Indexed .....

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

F.B. 1346 P.G. 230

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 3:00 To 4:00 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 02
From B.M. 44-15 To B.M. 11-107
Date 2-7-55
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
	3923		203			5122		204		B.M. 44-15
	3720		202			4918		201		ANAHEIM-PUENTE RD. & DEPOT ST.
	3518		405			4717		405		SEE F.B. 1366-117
1	11161	3.720		405		14757	4.919		405	FOR DESCRIPTION
	2103		201			8023		202		↑ G.E. Dreier
	1902		200			7821		202		
	1702		401			7619		404		
2	5707	1.902		806		23463	7.821		809	
	3411		204			5999		206		
	3207		204			5793		202		
	3003		408			5591		408		
3	9621	3.207		1214		17383	5.794		1217	
	4309		203			6068		201		
	4106		204			5867		201		
	3902		407			5666		402		
4	12317	4.106		1621		17601	5.867		1619	
	4353		203			6302		203		
	4150		202			6099		202		
	3948		405			5897		405		
5	12451	4.150		2026		18298	6.099		2024	
		17085					30500			

F.B. 1364 P.G. 231

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 E. Lenda Time 3:00 To 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 44-15 To B.M. 11-107
Date 2-7-55
Indexed A. C. Johnson

F.B. 1564 PG. 232

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
	4838	17.085	203	2026		C195	30.500	205	2024	
	4635		203			5990		202		
	4432		406			5788		407		
6	13905	4.635		2432		17973	5.991		2431	
	4631		200			5648		204		
	4431		200			5444		202		
	4231		400			5242		406		
7	13293	4.431		2832		16334	5.445		2837	
	4839		200			6099		202		
	4639		201			5897		202		
	4438		401			5695		404		
8	13916	4.639		3233		17691	5.897		3241	
	4740		183			5787		184		
	4557		185			5603		181		
	4372		368	601		5422		365	606	
9	13669	4.556		3597		16812	5.604		3606	
	5591		180			5318		183		
	5411		179			5135		182		
	5232		359	896		4953		365	991	
10	16234	5.411				15406	5.135			
	40.757					58.572				

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 8:00 To 4:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M 44-15 To B.M. 11-107
Date 2-7-55
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
	5311	4075	130	3.950		5.782	5.572	131	3.971	Summation of Run
	5181		131			5.651		129		
	5050		261			5522		260		Total Backsights = + 57.628
11	15.542	5.181		4231		16.955	5.652		4231	Total Foresights = + 73.040
	5596		138			5.607		134		Diff. in Elev = - 15.412
	5458		138			3473		131	B.M 44-15 To B.M. 11-108 = - 16.302	
	5320		276			3542		265	" 11-108 To " 11-107 = + 0.890	
12	16374	5.458		4487		10.422	3.474		4496	
		51.396					67.698			
										B.M. 11-108 (U.S. 1183) Valley Blvd. & Anaheim Puente Rd. See F.B. 1376-96 for description
	6277		44			5384		42		B.M 11-107 Valley Blvd & Anaheim Puente Rd See F.B. 1376-96 for description
	6233		46			5342		42		
	6189		90			5300		84		
13	18697	6.232		4587		16026	5.342		4580	
		57.628					73.040			

F.B. 1376 P.G. 233

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name
Job No.
From To
Date
Indexed

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

F.B. 1314 P.G. 234

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-107 To B.M. 44-15
Date 2-7-55
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
	5207		43		#11	6098		44		B.M. 11-107
	5164		44			6054		43		VALLEY BLVD. & ANAHEIM-PUENTE RD.
	5120		√87			6011		√89		SEE F.B. 1376-96
1	5491	5.164		87	73°	18163	6.054		87	FOR DESCRIPTION
	4038		134			6025		138		B.M. 11-108 (U.S. 1183)
	3904		132			5887		138		VALLEY BLVD & ANAHEIM-PUENTE RD.
	9772		√266			5749		√276		SEE F.B. 1376-96
2	11.714	3.905		353		17.661	5.887		363	FOR DESCRIPTION
	5796		130			5325		132		
	5666		130			5193		129		
	5536		√260			5064		√261		⊤ G.E. DREIER
3	16.998	5.666		613		15582	5.194		624	
	5339		181			5614		181		
	5158		181			5433		178		
	4977		√362			5255		√359		
4	15474	5.158		975		16302	5.434		983	
	5543		183			4498		185		
	5360		182			4313		183		
	5178		√365			4130		√368		
5	16081	5.360		1340		12941	4.314		1351	
		25.253					26.883			

F.B. 1364 P.G. 235

76P526 S & E #379 1-54

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Chief of Party S. M. FREIER Weather CLEAR Inst. No. 50010
Notes by E. Lander Time 2:00 To 3:00 Rod No. 11 & 12

Name L.A. CO. FLOOD CONTROL
Job No. 0301.02
From B.M. 11-107 To B.M. 44-15
Date 2-7-55
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
	5668	25.253	201	1340		4411	26.883	201	1351	
	5467		200			4210		202		
	5262		401			4008		403		
6	16402	5.467		1741		12629	4.210		1754	
	5191		202			4173		200		
	4989		201			3973		200		
	4788		403			3773		400		
7	14968	4.989		2144		11919	3.973		2154	
	5856		204			4498		202		
	5652		204			4296		204		
	5448		408			4092		406		
8	16956	5.652		2552		12886	4.295		2560	
	6207		204			4256		204		
	6003		201			4052		201		
	5802		405			3851		405		
9	18012	6.004		2957		12159	4.053		2965	
	6117		201			4355		203		
	5916		199			4152		201		
	5717		400			3951		404		
10	17750	5.917		3357		12458	4.153		3369	
	53.282					47.567				

F.B. 1366 P.G. 234

76P526 S & E #379 1-54

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Chief of Party G. F. Hacker Weather CLEAR Inst. No. 50010
Notes by E. Landa Time 2:00 To 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No D301.02
From B.M. 11-107 To B.M. 44-15
Date 2-7-55
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
	6039	53.282	204	3357		3449	47.569	205	3369	
	5835		204			3244		201		
	5631		408			3043		406		
11	17505	5.835		3765		9736	3.245		3775	
	7995		204			2071		200		
	7791		201			1871		200		
	7590		405			1671		400		
12	23376	7.792		4170		5613	1.871		4175	
	4979		202			3781		202		B.M. 44-15 (Puente Z-12)
	4777		204			3579		201		Anaheim-Puente Rd. &
	4573		406			3378		403		DEPOT ST.
13	14329	4.776		4576		10738	3.579		4578	See F.B. 1366-117 for desc.
										Summation of Run
										B.M. 11-107 To B.M. 11-108 = - 0.890
										B.M. 11-108 To B.M. 44-15 = + 16.313
										Total Backsights = 71.685
										Total Foresights = 56.262
										Diff in Elev. = + 15.423
	71.685					56.262				

F.B. 1344 P.G. 237

76P528 S & E #379 1-54

Chief of Party G. E. DREIER 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	