Notes Ck'd by
Map No.
Office Work
Checked

L. A. CO. PRECISE LEVEL NET
Survey of
W. O. Tape No. Sl'd °F
Surveyed by S. E. DREIER
Notes S. E. DREIER Date 7-57
Indexed E. C. Johnson

F.B. 2408 Pg. 5

LINE NO 51

L. A CO. PRECISE LEVEL NET

JOB NO. 0301.02

HIRD ST. FROM EASTERN AVE TO BEVERLY BLVD,
EVERLY BLVD TO NORWALK BLVD.

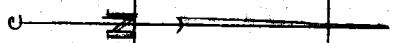
RERUN OF PORTIONS OF
LINE No. 11 ON SLY END OF WORKMAN MILL RD.
LINE No. 1 AND LINE No. 3 ON WHITTIER
BLVD. FROM NORWALK BLVD TO SANTA GERTRUDES AVE.

DREIER
MOODY
OHASHI
CERICOLA
LATTERI
BREDEHORST

Microfilmed March '86

F. B. 2408 PG. 6

LINE NO. 51



EASTERN AVE
FORD. BLVD.
KERN. AVE
WOODS AVE
SADLER AVE
CITY OF MONTEBELLO
L.A. CO.
GARFIELD AVE
WILLCOX AVE
MAPLE AVE
MONTEBELLO BLVD
POPLAR AVE.
R10
L.A. CO.
CITY OF MONTEBELLO
HONDO RIVER
LEXINGTON RD
DURFEE AVE
SAN GABRIEL RIVER
PIONEER BLVD.
NORWALK BLVD
WORKMAN MILL RD
WHITTIER BLVD (LINE NO 1)
GREENWOOD AVE
LINE NO 52

B.M. 51-10
B.M. 51-11
B.M. 51-1
B.M. 51-2
B.M. 51-3
B.M. 51-4
B.M. 51-5
B.M. 51-6
B.M. 51-7
B.M. 51-8
B.M. 51-9
B.M. 51-10
B.M. 51-11
B.M. 51-12
B.M. 51-13
B.M. 51-14
B.M. 52-7
B.M. 1-18
B.M. 1-16
B.M. 11-129
B.M. 11-128
B.M. 11-127
LINE NO 11

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

Do not extend notes this side of this line.

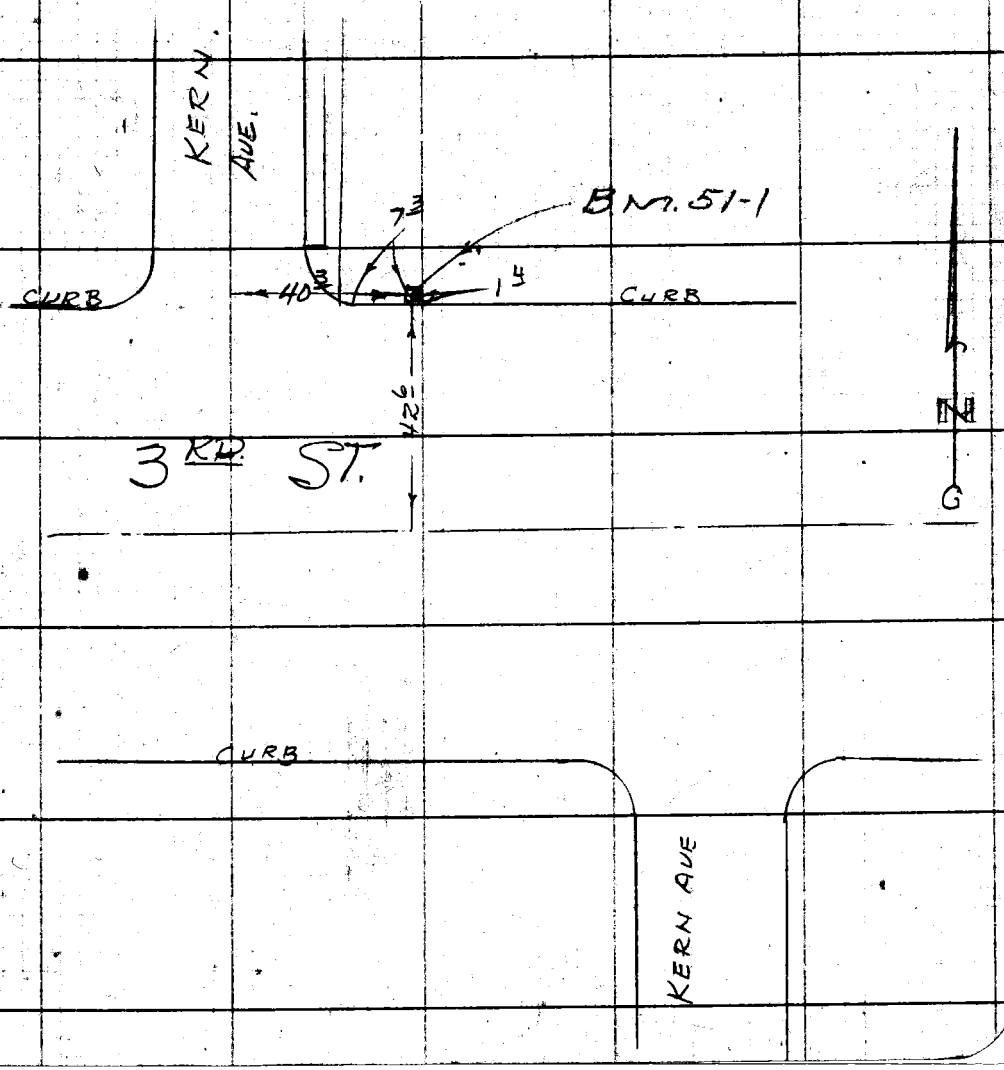
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	L. A. CO. PRECISE LEVEL NET P. B. 2408 Pg. 7
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 7-11-57
Date	Indexed [illegible]

B.M. 51-1

EAST THIRD ST AND KERN AVE., N.E. COR, 1.4 FT. N. OF N. CURB, 7.3 FT. E. OF E. END OF CURB RETURN, A STD. CO. ENG. MON. STAMPED "B.M. 51-1 1957 RE. 5869" IN TOP OF A 12 INCH CONC. POST FLUSH WITH TOP OF CURB. WITH B.M. BUTTON

1958 ADJ. ELEV. 280.226 ✓



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

76F3095 S&E #247 1-56

F. B. 2408 Pg. 8

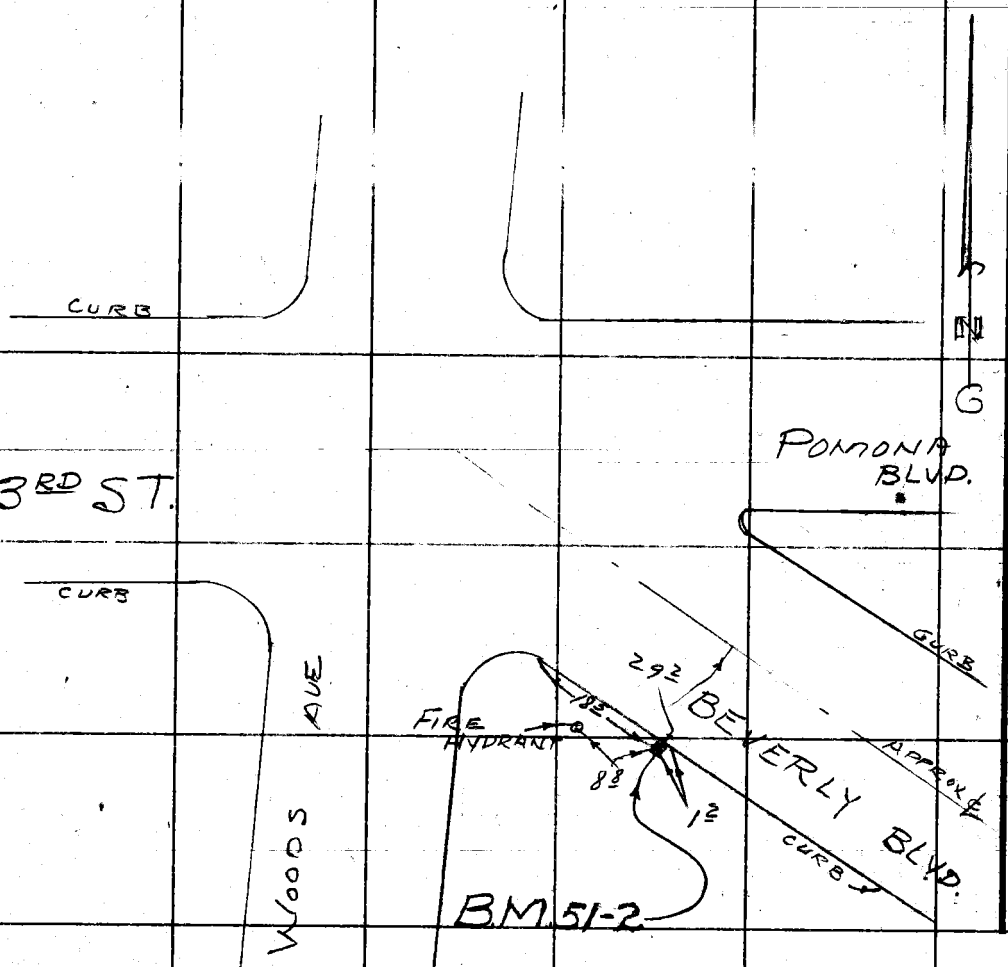
B.M. 51-2

BEVERLY BLVD AND WOODS AVE AT JCT. WITH THIRD ST AND POMONA BLVD., S.E. COR., 1.3 FT. BACK OF CURB 18.5 FT. E. OF E. END OF CURB RETURN, A STD. CO. ENG. MON. STAMPED "B.M. 51-2 1957 R.E. 5869" IN TOP OF A 12 INCH CONC. POST FLUSH WITH TOP OF CURB.

GONE due to widening of St 9/6/61 [illegible]

1958 ADJ. ELEV. 253.169

SEE FB 2864-7 FOR REPLACEMENT (51-2A) (OUT)
SEE F.B. 3706-123 FOR B.M. 51-2B 11-25-70 G.E.D.



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

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

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

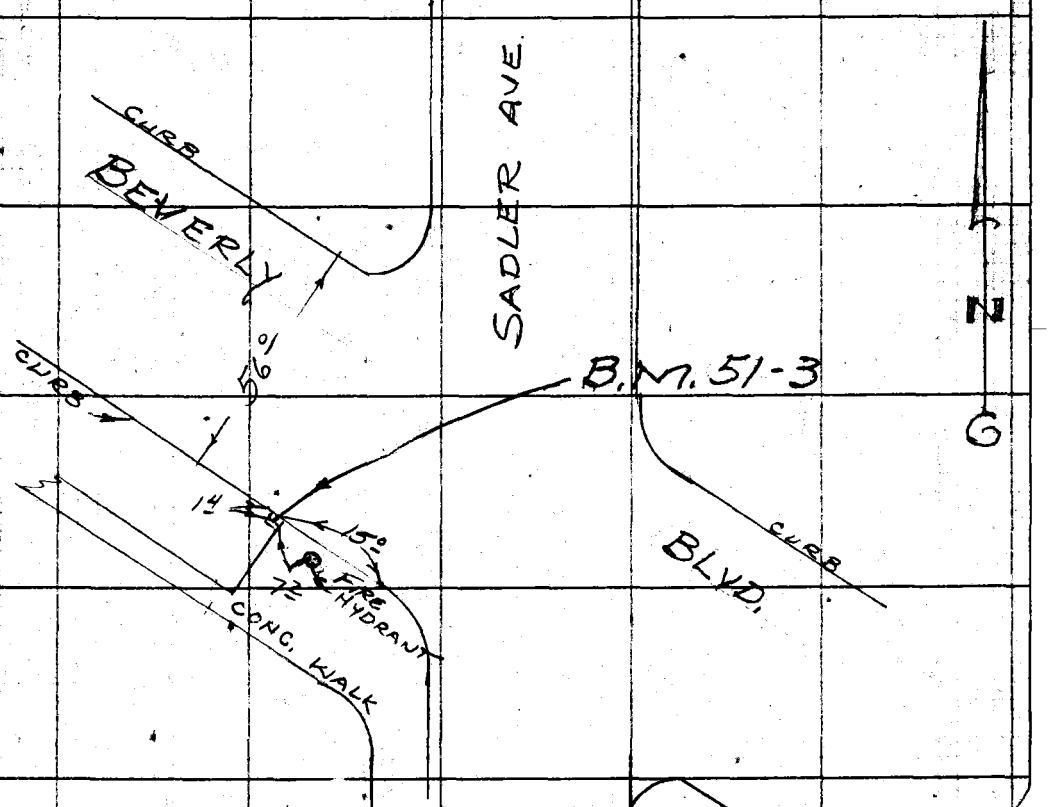
Survey of L.A. CO. PRECISE LEVEL NET Bk. 2408 Pg. 9
JN 0301.02 Tape Std °F
Surveyed by E. E. DREIER
Noted E. E. DREIER Date 7-11-57
Indexed C. Johnson

B.M. 51-3

BEVERLY BLVD. AND SADLER AVE., S.W.COR., 15.0 FT. N.W. OF N.W. END OF CURB RETURN, 1.4 FT. BACK OF CURB, A STD. CO. ENG. MON. STAMPED "B.M. 51-3 1957 R.E. 5869" IN TOP OF A 12 INCH CONC. POST FLUSH WITH TOP OF CURB AND CONC. WALK.

1958 ADJ. ELEV. 238.451 ✓

11-25-70 NOT RECOVERED, CURB HAS BEEN SET BACK.
G.E.D. SEE F.B. 3706-125 FOR B.M. 51-3A



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

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

Do not extend this side of this line.

787309S SEE #247 1-56

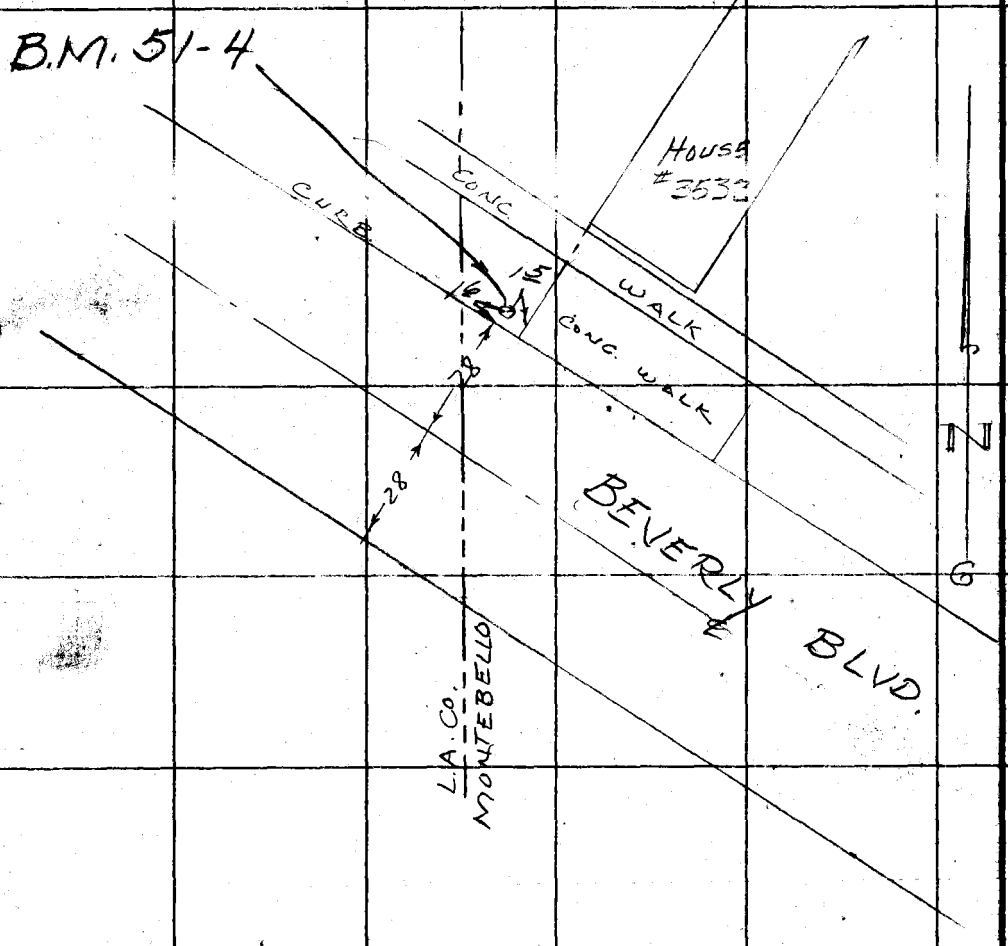
F. B. 2408 Pg. 10

B.M. 51-4

BEVERLY BLVD. AND WESTERLY CITY LIMIT OF CITY OF MONTEBELLO, 1.6 FT. N. OF N'LY CURB, 1.5 FT W. OF W'LY LINE OF HOUSE NO. 3532, A STD. CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED "B.M. 51-4 1957 R.E. 5869" IN TOP OF A CONC. POST 2 INCHES BELOW TOP OF CURB.

1958 ADJ. ELEV. 242.784

11-25-70 NOT RECOVERED, CURBS HAVE BEEN SET BACK. G.E.D.
SEE F.B. 3706-128 FOR B.M. 51-4B



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Do not extend this side of this line.
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 F. B. 2408 Pg. 11
Map No.	JN Tape Std °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 8-13-57
Date	Indexed A. C. Johnson

1"

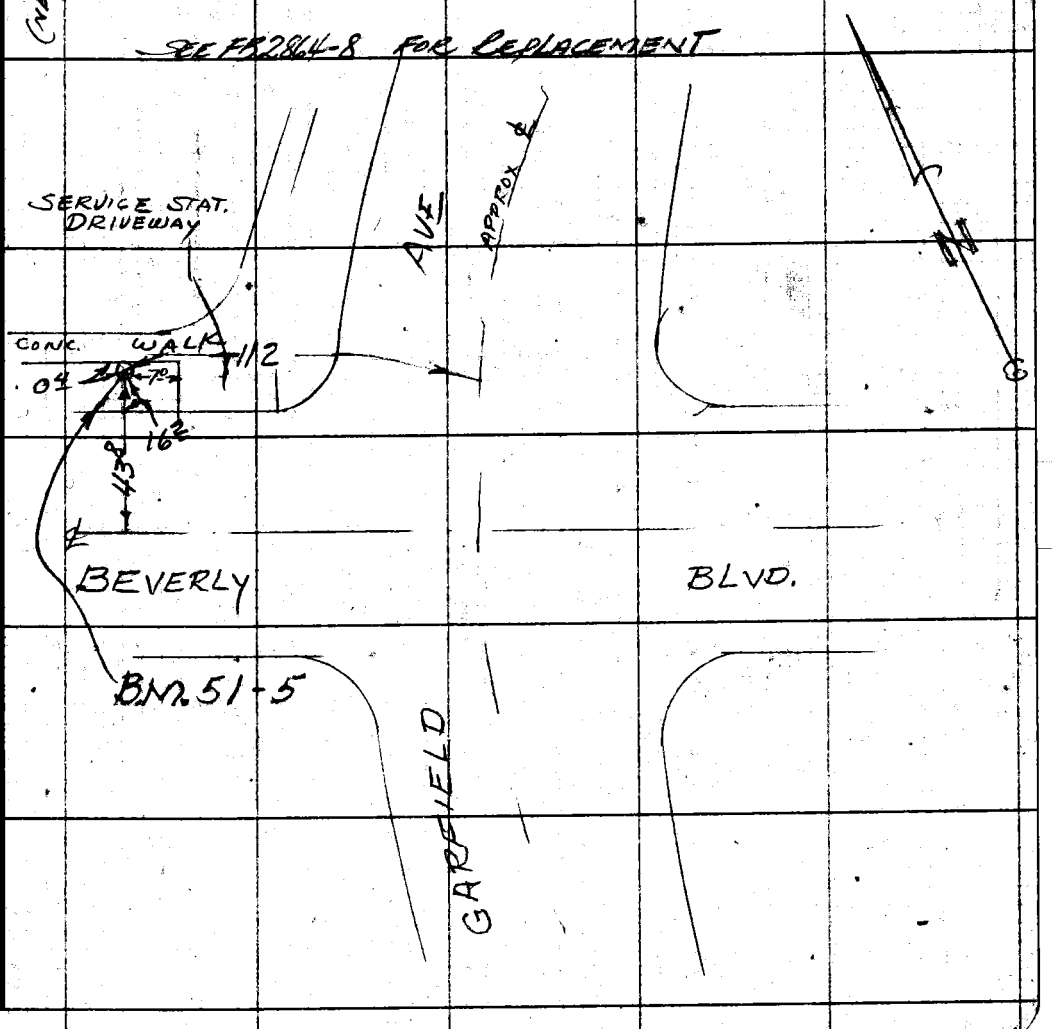
NOT RECOVERED (NEW WALK) 9/6/64 alb

B.M. 51-5

BEVERLY BLVD. AND GARFIELD AVE., N.W. COR, 0.4 S. OF S. EDE OF WALK, 16.2 FT. N. OF N. CURB, 112 FT. W'LY FROM ℄ OF GARFIELD AVE, A STD. CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED B.M. 51-5 1957 R.E. 5869" IN TOP OF CONC. POST, 1 INCH BELOW GRADE OF SIDEWALK.

1958 ADJ. ELEV. 224.319

SEE FB 2864-8 FOR REPLACEMENT



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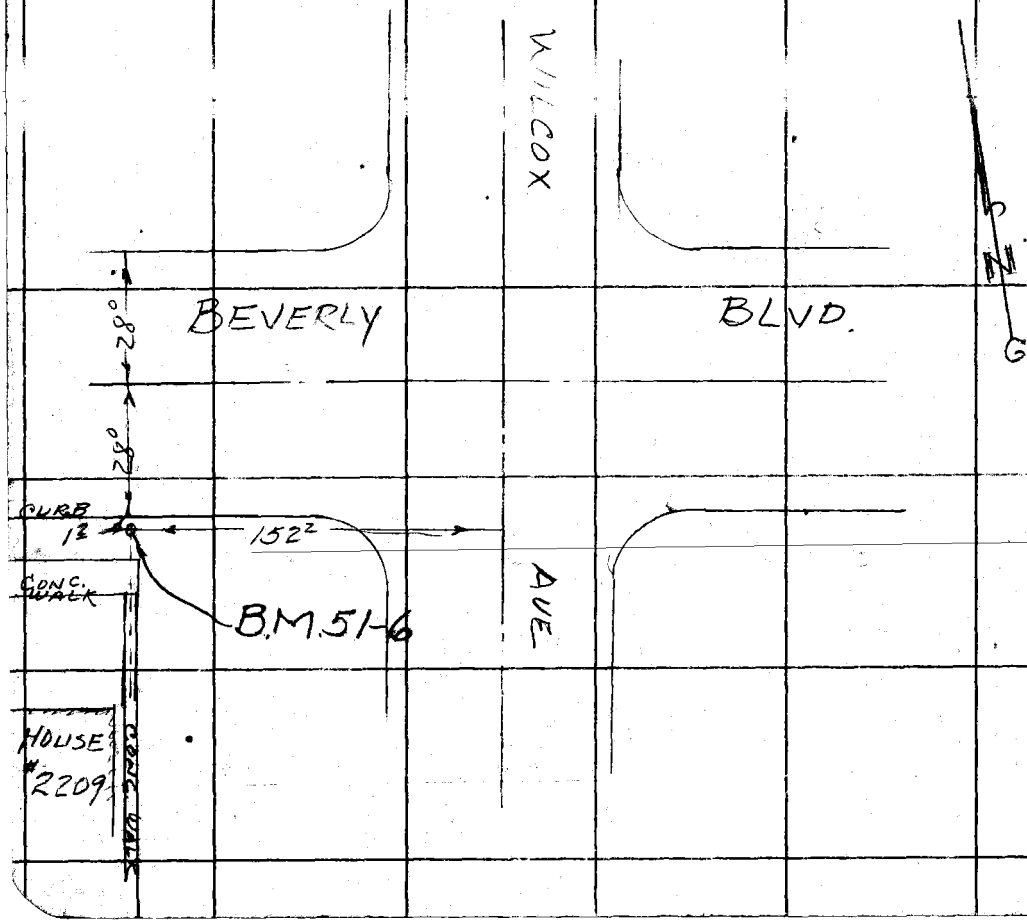
7673098 S&E #247 1-56

F. B. 2408 PG. 12

B.M. 51-6

BEVERLY BLVD. AND WILCOX AVE., S.W. COR., 1.2 FT BACK OF S'LY CURB, 152.2 FT. N.W. OF ℄ OF WILCOX ON N'LY PROD OF CONC. WALK TO REAR OF HOUSE NO 2209, A STD. CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED "B.M. 51-6 1957 R.E. 5869" IN CONC. POST 2 INCHES BELOW TOP OF CURB.

1958 ADJ. ELEV. 248.001



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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F.B. 2408 Pg. 13
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. DREIER Date 8-13-57	
Date	Indexed A. C. Johnson	

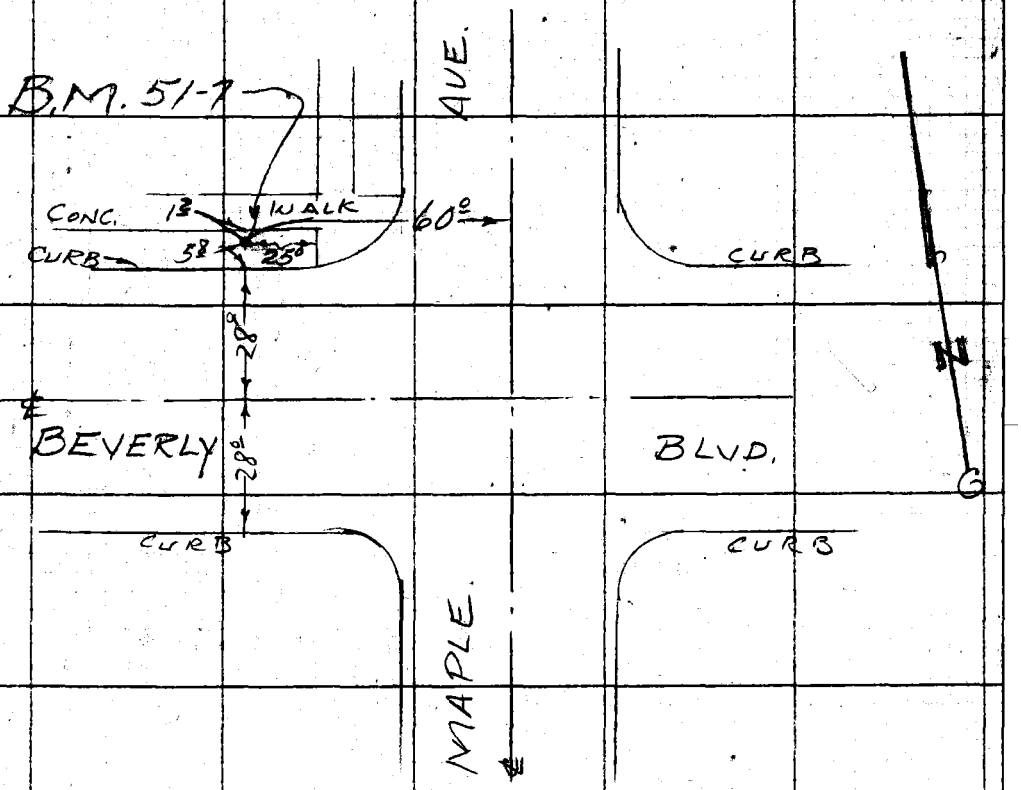
B.M. 51-7

BEVERLY BLVD AND MAPLE AVE., N.W. COR., 5.8 FT. N. OF N. CURB, 1.2 S. OF S. EDGE OF CONC. WALK, 60 FT. N.W. OF ℄ OF MAPLE AVE., A STD CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED "B.M. 51-7 1957 R.E. 5869" IN TOP OF A CONC. POST 1 INCH BELOW GRADE OF SIDEWALK

1958 ADJ. ELEV. 228.968 ✓

11-25-70 G.E.D.

NOT RECOVERED, SEE F.B. 3706-133 FOR B.M. 51-7A



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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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
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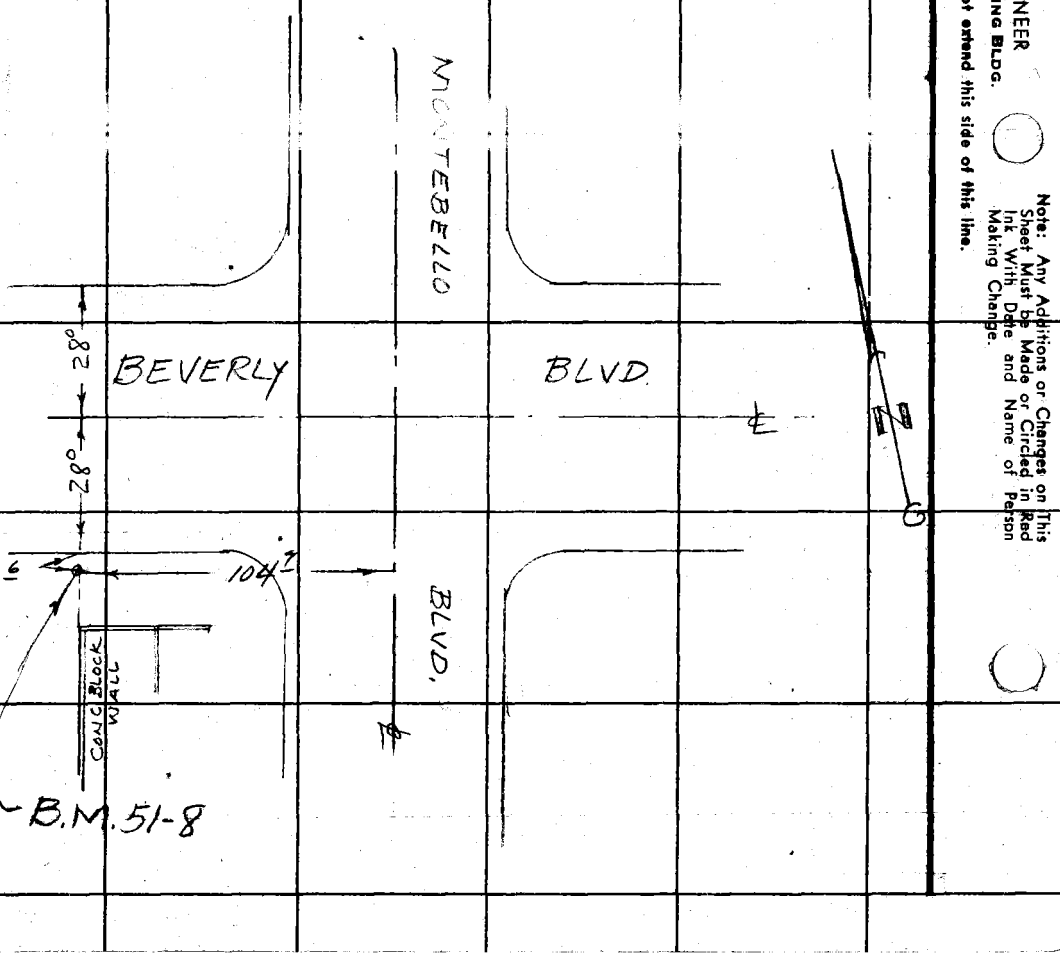
78F3005 S&E #247 1-56

F. B 2408 Pg. 14

B.M. 51-8

BEVERLY BLVD. AND MONTEBELLO BLVD.,
S.W. COR.; 1.6 FT. S. OF S. CURB, 104.7 FT.
N.W. OF ℄ OF MONTEBELLOW BLVD., A STD.
CO ENG. BRASS CAP (WITHOUT B.M. BUTTON)
STAMPED "B.M. 51-8 1957 R.E. 5869"
IN TOP OF A CONC. POST FLUSH WITH
TOP OF CURB.

1958 ADJ. ELEV. 216.515



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

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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
Map No.
Office Work
Checked
Date

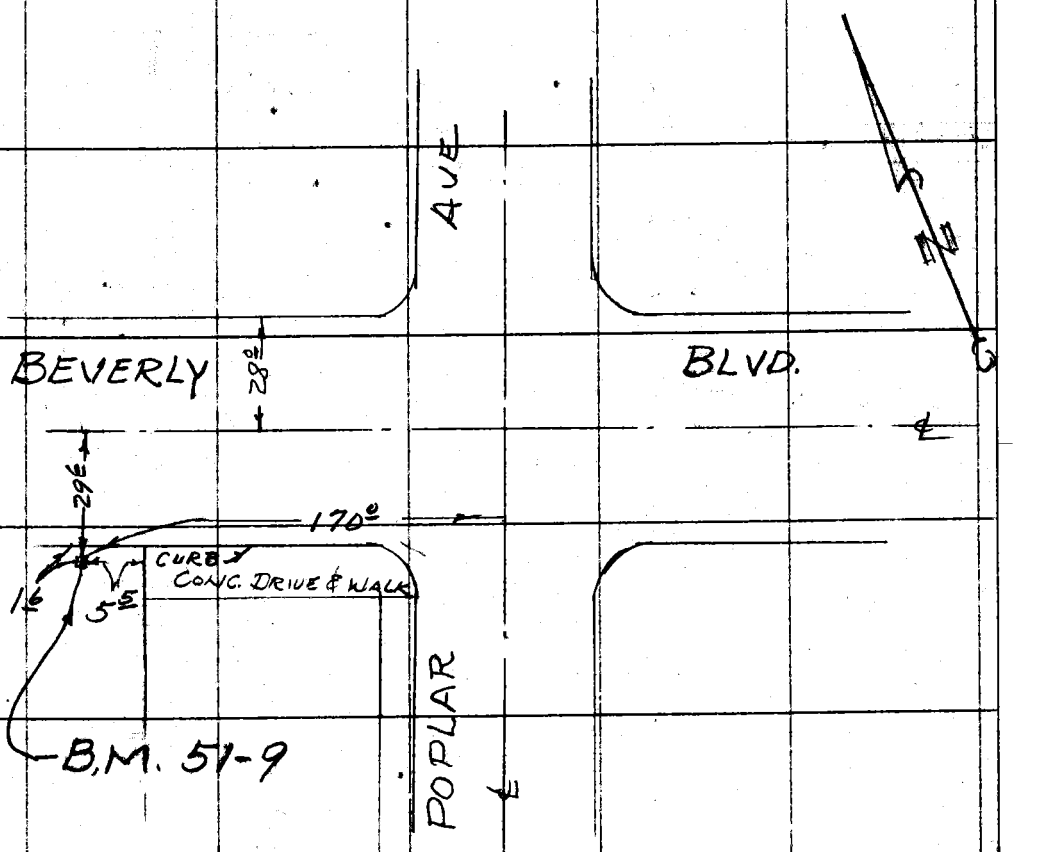
L. A. CO. PRECISE LEVEL NET F. B. 2408 Pg. 15
Survey of
JN 0301.02 Tape Std °F
Surveyed by G. E. DREIER
Notes G. P. DREIER Date 7-12-57
Indexed C. Johnson

B.M. 51-9

BEVERLY BLVD. AND POPLAR AVE., S.W. COR., 29.1 FT. S. OF ℄ AND 170 FT. W. OF ℄, 1.6 FT. S. OF S'LY CURB, 5.5 FT. W. OF W'LY SIDE OF DRIVEWAY TO SERVICE STATION, A STD. CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED "B.M. 51-9 1957 R.E. 5869" IN TOP OF A CONC. POST, FLUSH WITH TOP OF CURB.

1958 ADJ. ELEV. 207.116

NOT RECOVERED SEE F.B. 3706-137 FOR B.M. 51-9A



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

765-3068 SAE #247 1-56

F. B. 2408 Pg. 16

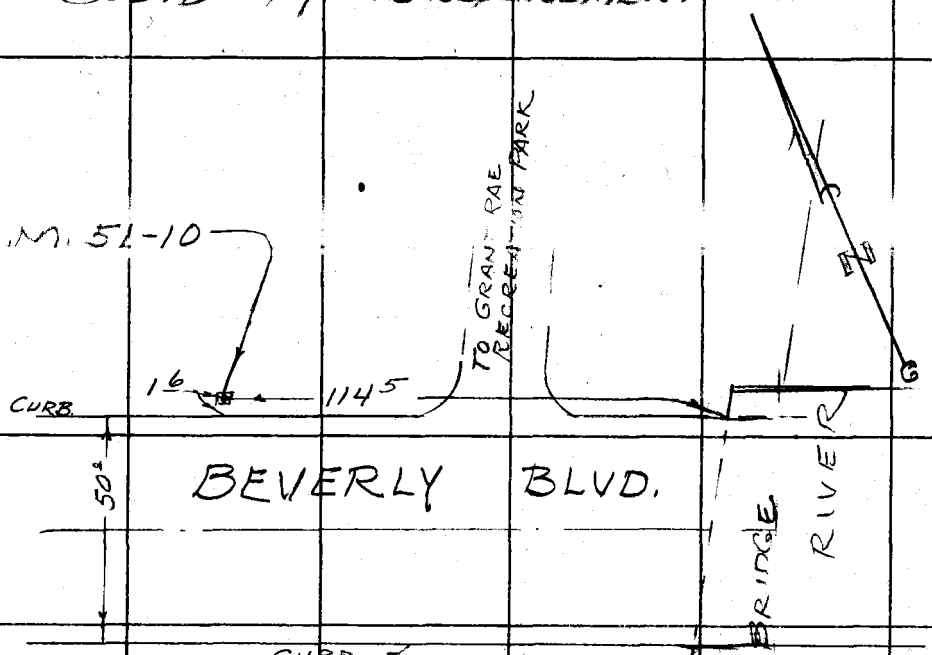
B.M. 51-10

BEVERLY BLVD. NEAR E'LY CITY LIMITS OF MONTEBELLO, 1.6 FT. N. OF N'LY CURB, 114.5 FT. N.W. OF W'LY END OF BRIDGE OVER RIO HONDO RIVER, A STD. CO. ENG. BRASS CAP (WITHOUT B.M. BUTTON) STAMPED "B.M. 51-10 1957 RE 5869" IN TOP OF A CONC. POST FLUSH WITH TOP OF CURB.

NOT RECOVERED (NEW STREET) 9/6/61 MD

1958 ADJ. ELEV. 205.010 ✓

SEE FB 2864-9 FOR REPLACEMENT



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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

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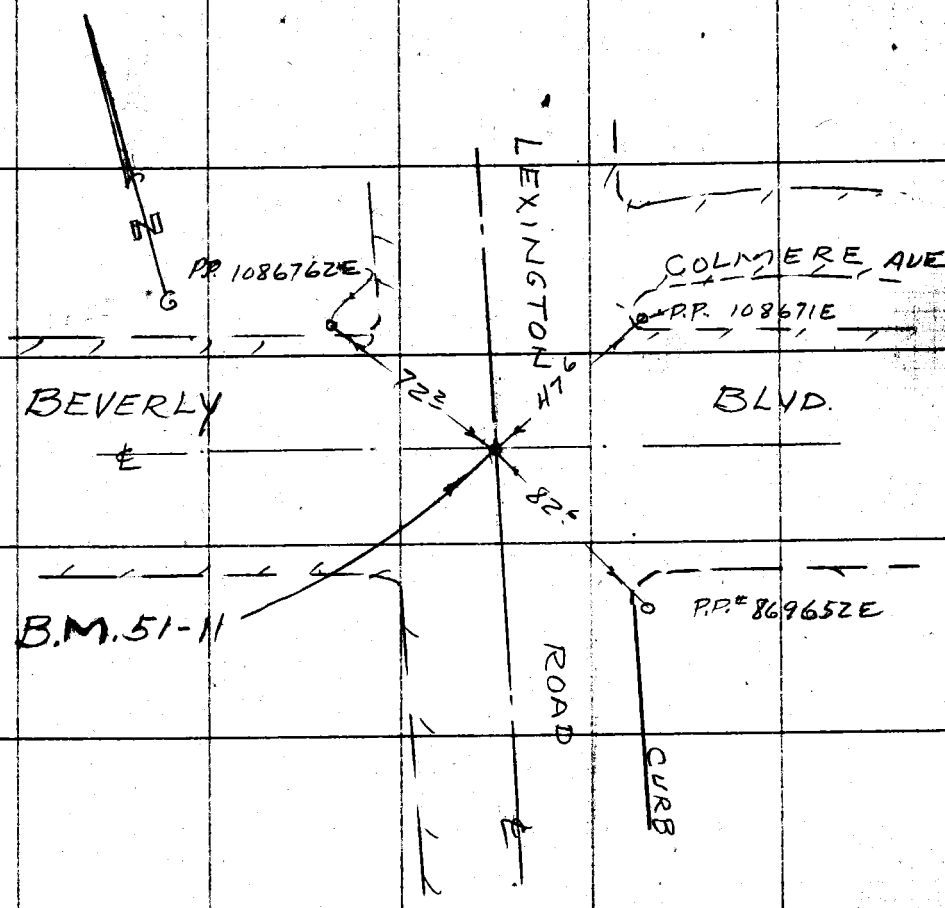
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NE	F.B. 2408 Pg. 17
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by G. E. DREIER	
Checked	Notes G. E. DREIER Date 7-12-57	
Date	Indexed [illegible]	

B.M. 51-11

BEVERLY BLVD. AND LEXINGTON ROAD, ℄ INTERSECTION, A 2" BRASS DISC. STAMPED "L.A.CO. RD. DEPT. 1954" IN CONC. 7 INCHES BELOW THE SURFACE UNDER CAST IRON COVER

1958 ADJ. ELEV. 182.961 ✓



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

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

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76F309S S&E #247 1-56

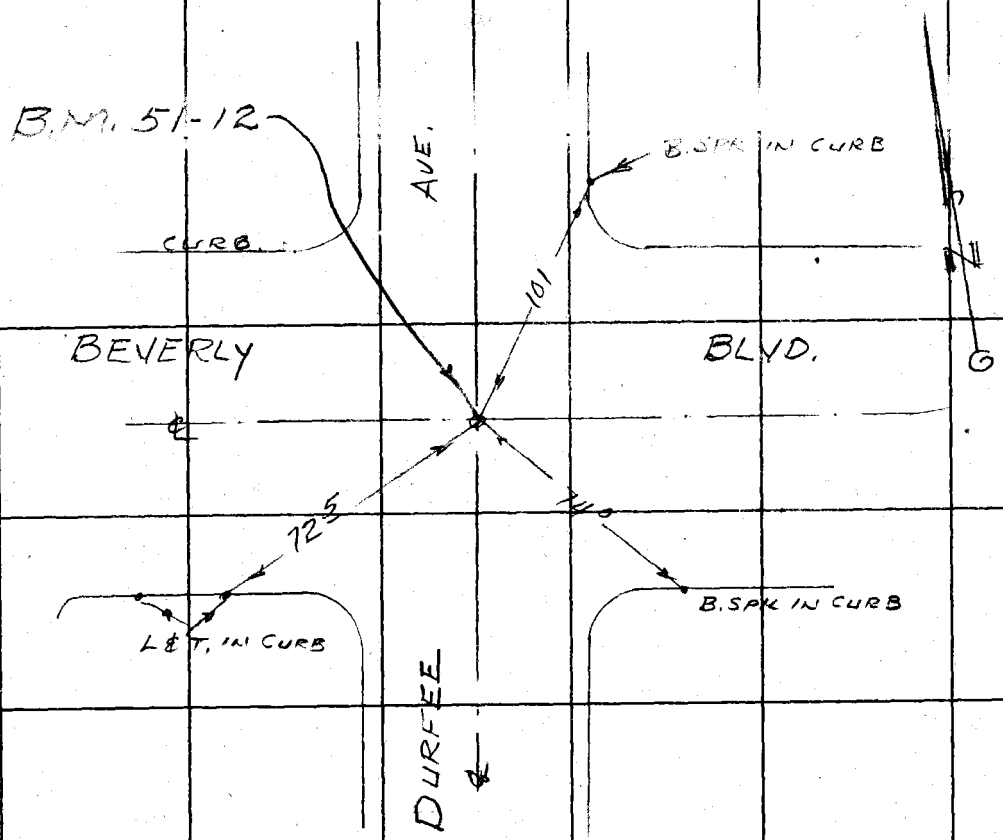
F. B. 2408 PG. 18

B.M. 51-12

BEVERLY BLVD. AND DURFEE AVE, ℄ INTERSECTION
A 2 INCH BRASS DISC STAMPED "L.A. CO. RD. DEPT. 1954" IN CONC. 7 INCHES BELOW THE SURFACE UNDER CAST IRON COVER.

1958 ADJ. ELEV. 185.955 ✓

THIS B.M. WAS INCORRECTLY NAMED 1-18A (SEE F.B. 3707-71) D.J.D. 01-03-77



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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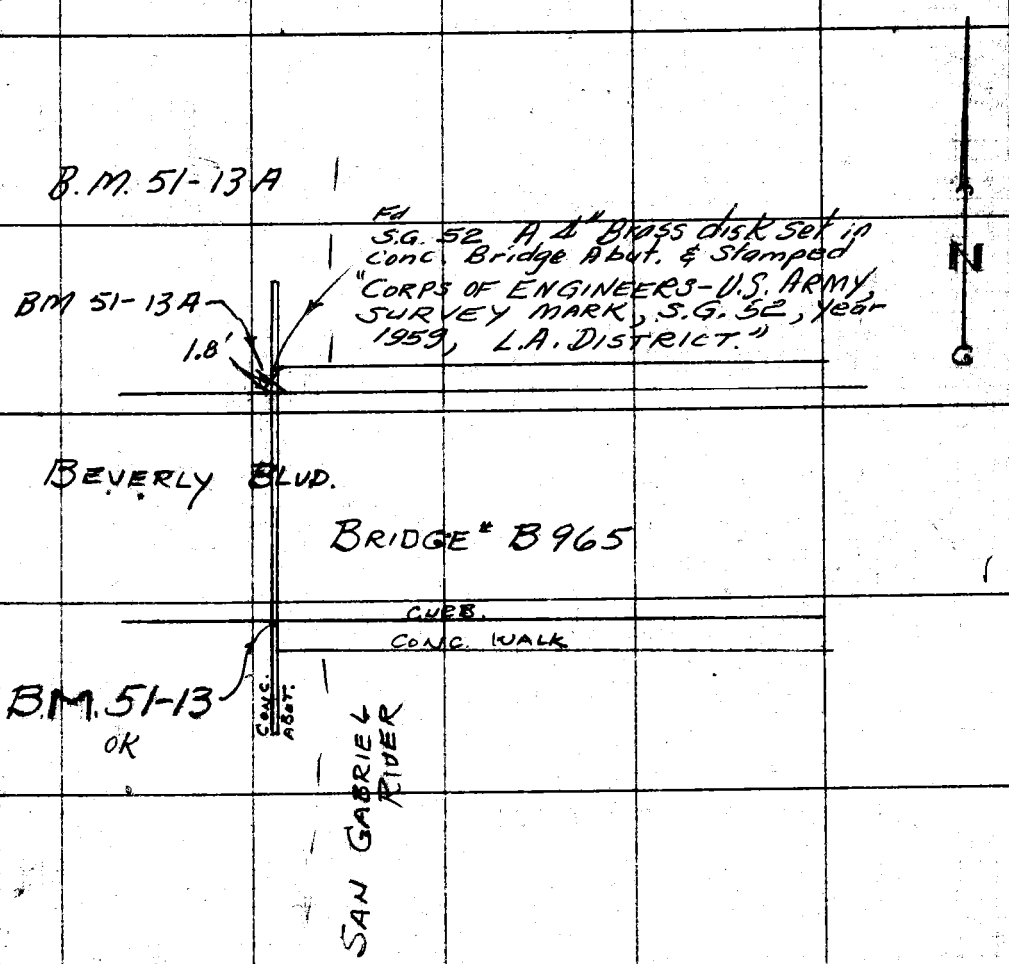
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET F. B. 2408 PG. 19
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 7-16-57
Date	Indexed A. C. Johnson

B.M. 51-13

BEVERLY BLVD. AND SAN GABRIEL RIVER, S.W. COR., A P.K. SPK IN WEST ABUTEMENT ON SOUTH CURB LINE OF BRIDGE # B 965

1958 ADJ. ELEV. 201.479



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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LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

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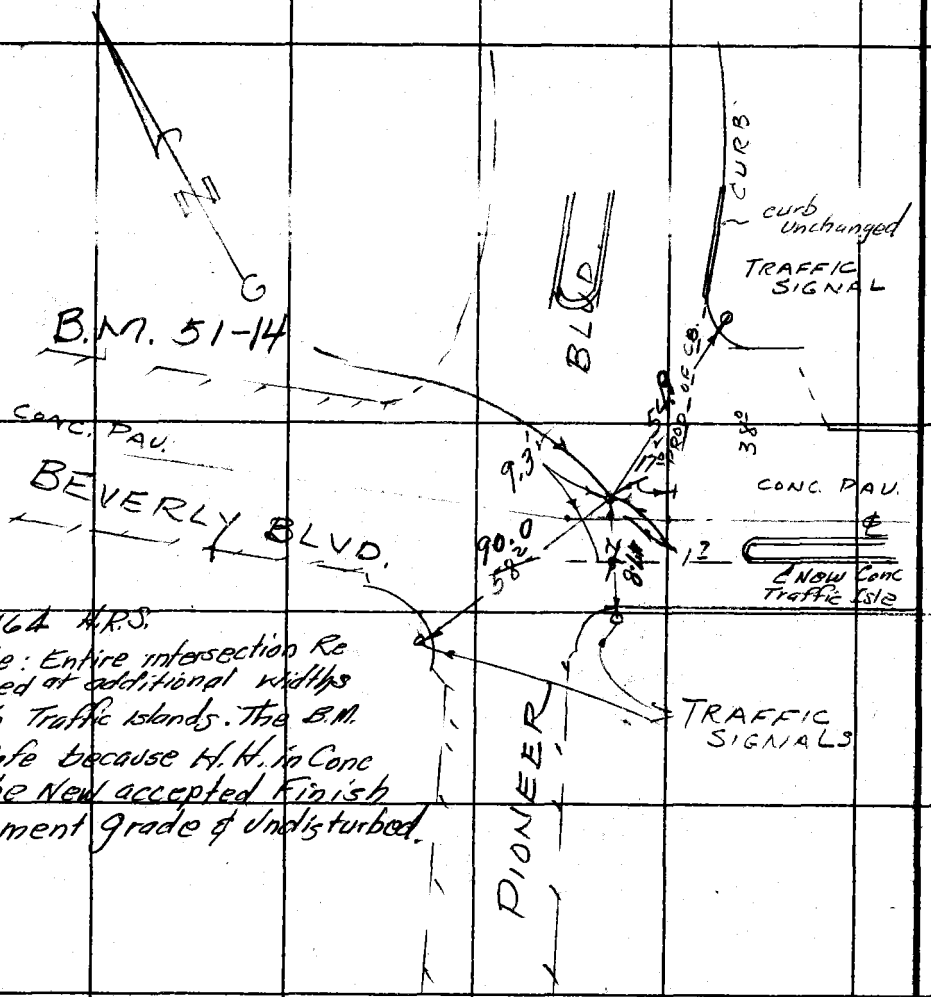
76F3095 S&E #247 1-56

F. B. 2408 PG. 20

AUX 2
AUX 2

B.M. 51-14 (EL MONTE F-12 A 1948)
- BEVERLY BLVD. AND PIONEER BLVD., ABOUT 15 FT. E. OF CENTER OF INTERSECTION, 1.7 FT. N.E. OF ℄ OF BEVERLY, 17. FT. W'LY FROM S'LY PROD OF S.E. CURB OF PIONEER BLVD. TO N., A STD L.A. CO. TRAVERSE BRASS DISC STAMPED "EL MONTE AUX 2 F-12 A 1948" 12 INCHES BELOW PAVEMENT UNDER CAST IRON COVER

1958 ADJ. ELEV. 250.994



3/3/64 H.R.S.
Note: Entire intersection Re curbed at additional widths with Traffic islands. The B.M. is Safe because H.H. in Conc is the New accepted Finish Pavement Grade of Undisturbed.

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

C.E.346

RECOVERY REPORT

~~GEODETIC STATION~~ - - - - - (Line out one) - - - - - PRECISE BENCH MARK

FE Brooks	2408 – 20	23 March 1964
Party Chief	F. B. Reference	Date

Sta. No.	Estab. By	Year	Quad. Sheet	Condition Mark R. Ms.	Stamped	Obstructions
BM 51-14	County Surveyor	1948	El Monte	good	EL MONTE F-12 AUX # 2 RE 329 1948	

General Remarks, New Routes, Replacement, etc.

Note: Return completed reports to Geodetic Sec., Survey Div., Co. Engr. Office

Notes Ck'd by	L.A. CO. PRECISE LEVEL NET	F. B. 2408 Pg. 21
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by G.E. DREIER	
Checked	Notes G.E.D Date 7-17-57	
Date	Indexed C. Johnson	

JOB NO. 0301.02

L.A. Co. PRECISE LEVEL NET

REPLACEMENT AND ADDITIONAL B.M.s IN LINE NO 1 AND 3

LEVEL NOTES CONTINUOUS WITH LINE NO 51 IN F.B. 2408

DREIER
MOODY
OHASHI
CERICOLA
LATTERI
BREDEHORST

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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700 LOS ANGELES COUNTY ENGINEERING BLDG.
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76F3098 SEE #247 1-56

F.B. 2408 Pg. 22

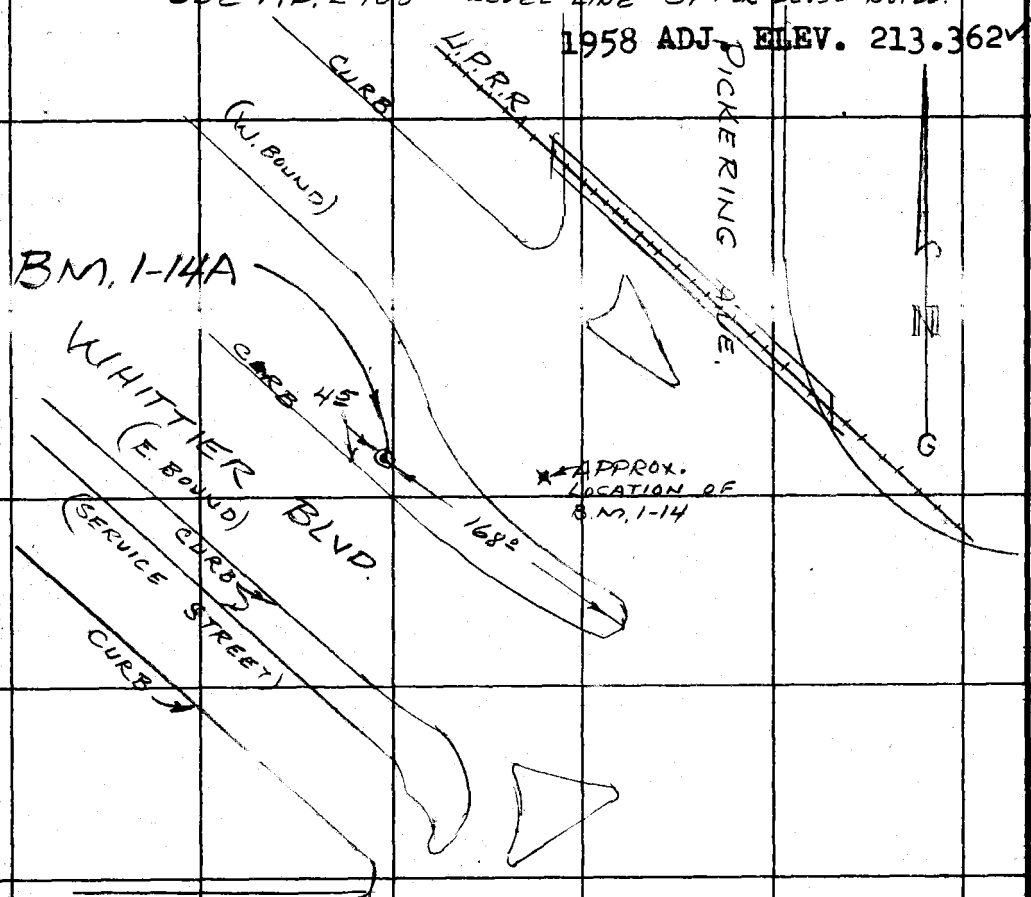
B.M. 1-14 A

(B.M. 1-14 PROBABLY DESTROYED BY RE PAVING)

WHITTIER BLVD. AND PICKERING AVE. AND WASHINGTON BLVD, IN CENTER DIVIDER TO NORTH WEST OF INTERSECTION, 168 FT. N.W. OF S.ELY END OF DIVIDER AND 4.5 FT. N. OF S. CURB OF CENTER DIVIDER, A STATE OF CALIF, DIV. OF HWYS BRASS CAP IN TOP OF A 18 INCH CONC. POST FLUSH.

SEE F.B. 2408 LEVEL LINE #51 FOR LEVEL NOTES.

1958 ADJ. ELEV. 213.362



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

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

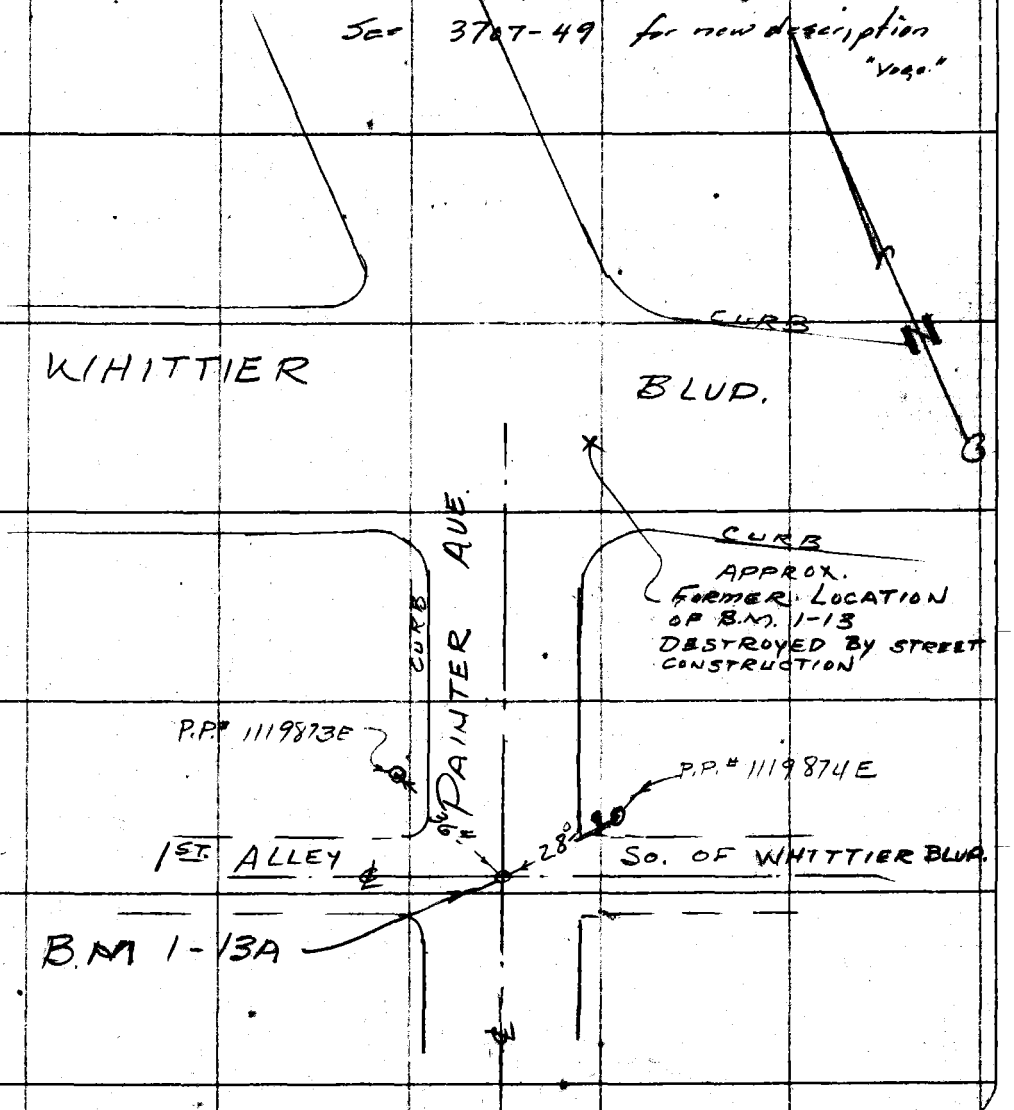
Survey of L.A.Co. PRECISE LEVEL NET F. B. 2408 Pg. 23
JN 030102 Tape Std °F
Surveyed by G.E. DREIER
Notes G.E. DREIER Date 7-22-57
Indexed C. Johnson

B.M. 1-13A

PAINTER AVE. AND FIRST ALLEY SOUTH OF WHITTIER BLVD, S. INTERSECTION, A STD. PRECAST CO. SUR. "R.E.63" MON., 9 INCHES BELOW SURFACE OF PAVEMENT UNDER CAST IRON COVER

1958 ADJ. ELEV. 232.954

See 3787-49 for new description "Vdg."



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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LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
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70F3008 SAE #242 1-58

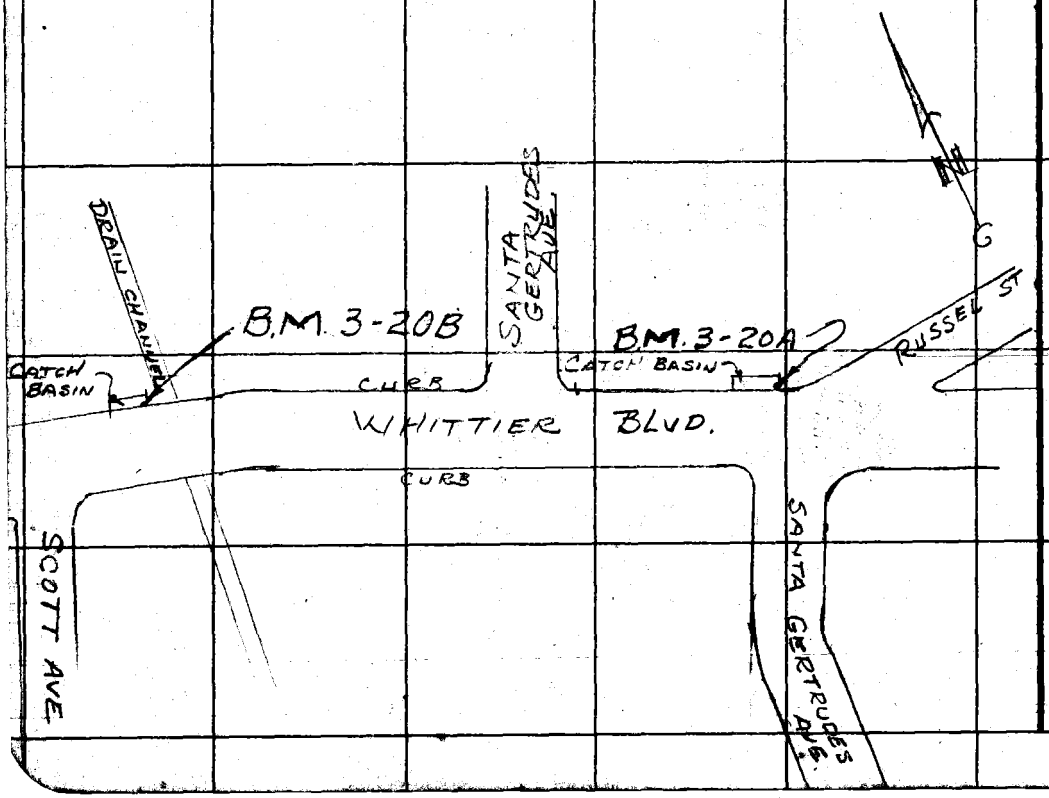
F. B. 2408 Pg. 24

B.M. 3-20B (STATE HWY B.M.)
WHITTIER BLVD., N. SIDE, E. OF SCOTT AVE., W. OF A SMALL DRAIN CHANNEL, A STATE HWY BRASS DISC IN S.E. COR OF CATCH BASIN 0.9 FT BACK OF FACE OF CURB.

1958 ADJ. ELEV. 249.036

B.M. 3-20A (STATE HWY B.M.)
WHITTIER BLVD., N. SIDE, AND RUSSEL ST AND SANTA GERTRUDES AVE (TO S.) AT W. END OF CURB RETURN, A STATE HWY BRASS DISC IN S.E. COR OF CATCH BASIN 1 FT. BACK OF FACE OF CURB.

1958 ADJ. ELEV. 274.289



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

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142.552
Notes by G.E. DREIER Time 8:15 TO 9:20 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.07
From BM. 31-10 To BM. 31-11
Date 7-15-57
Indexed C. Johnson 8-22-57

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4457		539		#11	9882		741		B.M. 31-10
	3918		541			9141		742		EASTERN AVE & 3RD ST.
	3377		1080 ✓		78°	8399		1483 ✓		SEE F.B. 1397-15 FOR DESC
1	11752 ✓	3.917 ✓		1080 ✓		27422 ✓	9.141 ✓		1483 ✓	
	6.518		719			4.258		532		↑ J. MOODY
	5.799		717			3.726		534		
	5.082		1436 ✓			3.192		1066 ✓		
2	17399 ✓	5.800 ✓		2516 ✓		11176 ✓	3.725 ✓		2549 ✓	
	7.929		632			4.497		628		
	7.297		632			3.869		630		
	6.665		1264 ✓			3.239		1258 ✓		
3	21891 ✓	7.297 ✓		3780 ✓		11605 ✓	3.868 ✓		3807 ✓	
	6.327		628			6.337		629		
	5.699		626			5.708		626		
	5.073		1254 ✓			5.082		1255 ✓		
4	17099 ✓	5.700 ✓		5034 ✓		17127 ✓	5.709 ✓		5062 ✓	
	3858		623			8259		651		
	3235		625			7608		653		
	2610		1248 ✓			6955		1304 ✓		
5	9703 ✓	3.234 ✓		6282 ✓		22822 ✓	7.607 ✓		6366 ✓	
		25.948 ✓					30.050 ✓			

F.B. 2408 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No NK142552
Notes by G.E.DREIER Time 8:15 TO 9:20 Rod No. 11 & 12

Name L.A.CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 31-10 To B.M. 31-11
Date 7-15-57
Indexed A. C. Johnson

F.B. 2408 P.G. 36

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5773	25.948	571	6.282		7.437	30.050	6156.366		+ 31.150 ✓
	5202		570			6.822		613		- 36.873 ✓
	4632		1.141			6.209		1.228 ✓		- 5.723 ✓
6	15.607 ✓	5.202 ✓		7.423 ✓		20.468 ✓	6.823 ✓		7.594 ✓	T.B.M.
	7.795	31.150 ✓	504			4796	33.573 ✓	491	7.423 ✓	
	7.291		502			4.299		497	15.017 ✓	
	6.789		1006 ✓			3.882		994 ✓	-0.28 mi	
7	21.875 ✓	7.292 ✓		8.429		12.897 ✓	4.799 ✓		8.588	3rd ST. & FORD BLVD., N.E. COR. B.M. NAIL IN LEAD IN CURB 10 FT. E. OF E. END OF CURB RETURN PAINTED "B.M."
	8.513		623			5777		620		
	7.890		622			5.157		620		
	7.268		1.245 ✓			4.537		1.240 ✓		
8	23.671 ✓	7.890 ✓		9.674		15.471 ✓	5.157 ✓		9828 ✓	
	6.288		621			5.817		522		
	5.667		622			5.295		521		
	5.045		1.243 ✓			4.774		1043 ✓		
9	17.000 ✓	5.667 ✓		10.917 ✓		15.886 ✓	5.295 ✓		10871 ✓	
	7.555		613			4.438		630		
	6.942		612			3.808		631		
	6.330		1.225 ✓			3.177		1.261 ✓		
10	20.827 ✓	6.942 ✓		12.142 ✓		11.423 ✓	3.808 ✓		12.132 ✓	
	27.791 ✓					18.594 ✓				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:15 TO 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-10 To B.M. 31-11
Date 7-15-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.389	27.791	628	12.142		3651	18.559	623	12.132	
	6.761		628			3.028		626		
	6.133		1.256			2.402		1.249		
11	20.283	6.761		13.398		9.081	3.027		13.381	
	8.498		617			4.928		627		
	7.881		616			4.301		627		
	7.265		1.233			3.674		1.254		
12	23.644	7.881		14.631		12.903	4.301		14.635	
	7.267		654			4.544		645		
	6.613		653			3.899		643		
	5.960		1.307			3.256		1.288		
13	19.840	6.613		15.938		11.699	3.900		15.923	
	6.177		626			6.421		623		
	5.551		624			5.798		620		
	4.927		1.250			5.178		1.243		
14	16.655	5.552		17.188		17.397	5.799		17.166	
	5.892		624			5.601		630		
	5.268		623			4.971		629		
	4.645		1.247			4.342		1259		
15	15.805	5.268		18.435		14.914	4.971		18.425	
		59.866					40.657			

F.B. 24.08 P.G. 37

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:15 To 9:?? Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No 0301.02
From B.M. 31-10 To B.M. 31-11
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6357 59.866		593	18.435		5.899		596	18.425	+71.305
	5.764		589			5.303		593		-51.931
	5.175		1182			4.710		1189		+19.374
16	17.296	5.765		19.617		15.912	5.304		19.614	
	6.151		478			6.558		487		
	5.673		476			6.071		489		B.M. 31-11
	5.197		954			5.582		976		FORD BLVD & BROOKLYN AVE.
17	17.021	5.674		20.571	82°	18.211	6.070		20.590	SEE F.B. 1397-16 FOR DESC.
		71.305					5.731			
										SUMMATION OF RUN
						DIFF IN ELEV. BM. 31-10 TO T.BM. 3rd & FORD				- 5.723
						" " T.BM.				TO B.M. 31-11 +19.374
						B.M. 31-10				TO B.M. 31-11 +13.651

F.B. 2408 P.G. 38

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by G. E. DREIER Time 9.20 TO 10.20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 31-11 To B.M. 31-10
Date 7-15-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.576		484			6.179		482		BM 31-11
	6.092		481			5.697		481		FORD BLVD. & BROOKLYN AVE.
	5.611		.965			5.216		963		SEE F.B. 1397-16 FOR DESC.
1	18.279	6.093		965	82°	17.092	5.697		.963	
	5.737		596			6.188		591		J. MOODY
	5.141		593			5.598		588		
	4.548		1.189			5.010		1.179		
2	15.426	5.142		2.154		16.797	5.599		2.142	
	5.603		628			5.897		624		
	4.975		628			5.273		622		
	4.347		1.256			4.651		1.246		
3	14.925	4.975		3.410		15.821	5.274		3.388	
	6.409		622			6.162		625		
	5.787		620			5.537		625		
	5.167		1.242			4.912		1.250		
4	17.363	5.788		4.652		16.611	5.537		4.638	
	4.518		652			7.223		645		
	3.866		652			6.578		643		
	3.214		1.304			5.935		1.288		
5	11.598	3.866		5.956		19.736	6.579		5.926	
		25.864					28.686			

F.B. 2408 P.G. 39

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 9:20 TO 10:?? Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301 02
From BM 31-11 To BM 31-10
Date 7-15-57
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
	4.858	2.586	627	5.956		8.422	6.686	614	5.926	
	4.231		629			7.808		617		
	3.602		1.256			7.191		1.231		
6	12.691	4.230		7.212		23.421	7.807		7.157	
	3.628		626			7.366		628		
	3.002		624			6.738		629		
	2.378		1.250			6.109		1.257		
7	9.008	3.003		8.462		20.213	6.738		8.414	
	4.397		624			7.522		620		
	3.773		621			6.902		620		
	3.152		1.245			6.282		1.240		
8	11.322	3.774		9.707		20.706	6.902		9.654	
	5.788		570			6.165		574		
	5.218		566			5.591		575		
	4.652		1.136			5.016		1.149		
9	15.658	5.219		10.843		16.772	5.591		10.803	
	5.752		619			8.489		626		
	5.133		620			7.863		625		
	4.513		1.239			7.238		1.251		
10	15.398	5.133		12.082		23.590	7.863		12.054	
	47.223					63.587				

F.B. 2408 P.G. 40

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by G. E. DREIER Time 9:20 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 31-11 To BM 31-10
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4819	47.223	504	12.082		7.816	63.587	507	12.054	
	4.315		506			7.309		508		+51.537 ✓
	3.809		1010			6.801		1015		-70.896 ✓
11	12.943	4.314		13.092		21.926	7.309		19.069	-19.359 ✓
		51.537 ✓					70.896 ✓		13.092	
									26.161	T.B.M.
										3rd ST. & FORD BLVD. N.E. COR.
										B.M. NAIL IN LEAD IN CURB
										10 FT. E. OF E. END OF CB. RET.
	7498		616			5834		569		PAINTED B.M.
	6.882		614			5.265		570		
	6.268		1230			4.695		1139		
12	20.648	6.883		14317		15.794	5.265		14.213	
	8308		657			3.905		624		
	7.651		660			3.281		623		
	6.991		1317			2.658		1247		
13	22.950	7.650		15634			3.281		15460	
	6.283		612			6.301		642		
	5.671		612			5.659		640		
	5.059		1224			5.019		1282		
14	17.013	5.671		16858		16.979	5.660		16742	
		20.204					14.206			

F.B. 2408 P.G. 41

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 42552
Notes by G. E. DREIER Time 9:20 To 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 31-11 To B.M. 31-10
Date 7-15-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.490	20.204	627	16858		7.928	20.206	635	16.742	
	3.863		626			7.293		634		
	3.237		1.253			6.659		1.269		
15	11.590	3.863		18.111		21.880	7.293		18.011	
	4.332		.529			6.604		.726		+36.970 ✓
	3.803		.527			5.878		.723		-31.253 ✓
	3.276		1.056			5.155		1.449		+5.717 ✓
16	11.411	3.804		19167		17.637	5.879		19.460	
	7.842		.744			4.412		.537		
	9.098		.742			3.875		.536		B.M. 31-10
	8.356		1.486			3.339		1.073		3RD. ST. & EASTERN AVE.
17	27.296	9.099		20653		11.626	3.875		20533	SEE F.B. 1397-15 FOR DESC.
		36.970 ✓					31.253 ✓			
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 31-11 TO T.B.M. 3rd & FORD. -19.359 ✓
										" " T.B.M. 3rd & FORD TO B.M. 31-10 +5.717 ✓
										" " B.M. 31-11 TO B.M. 31-10 -13.642 ✓

F.B. 2408 P.G. 42

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 11:05 TO 12:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 31-11 To BM 31-10
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6539		490			6127		474		BM 31-11
	6049		490			5653		473		BROOKLYN AVE & FORD BLVD.
	5559		980			5180		947		SEE F.B. 1397-16 FOR DESC.
1.	18.147	6.049		980		16.960	5.653		947	
	5120		583			5597		600		
	4537		586			4997		599		X G.E. DREIER
	3951		1169			4398		1199		
2.	13608	4536		2149		14992	4997		2146	
	5650		629			5942		623		
	5021		629			5319		619		
	4392		1258			4700		1242		
3.	15063	5021		3407		15961	5.320		3388	
	6450		629			6191		618		
	5821		629			5573		616		
	5192		1258			4957		1234		
4.	17463	5821		4665		16721	5570		4622	
	4550		649			7261		644		
	3901		650			6617		645		
	3251		1299			5972		1289		
5	11702	3901		5964		19850	6.617		5911	
		25328					28.157			
							61			

F.B. 2408 P.G. 43

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 11:05 TO [illegible] Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 31-11 To BM 31-10
Date 7-16-51
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
	4984	25.328	615	5964		8573	54 61	625	5911	
	4369		617			7948		629		
	3752		1232			7319		1254		
6.	13.105	4.368		7196		23840	47		7165	
	3710		627			7447		628		
	3083		624			6819		628		
	2459		1251			6191		1256		
7.	9252	3084		8447		20457	619		8421	
	4246		630			7361		619		
	3616		629			6747		619		
	2987		1259			6133		1238		
8.	10849	3616		9766		20241	617		9649	
	5633		522			6106		620		
	5111		523			5486		622		
	4588		1045			4864		1242		
9.	15332	5111		10751		16456	5485		10891	
	5798		644			8487		599		
	5154		644			7888		606		
	4510		1288			7288		1199		
10	15462	5154		12039		23663	7888		12090	
	46661					63 53				

F.B. 2408 P.G. 44

7

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 HAZE Inst. No. NT 142552
Notes by T. OHASHI Time 11:05 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 31-11 To BM 31-10
Date 7-16-51
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
	4357	46.661	528	12039		7290	63.043	967	12693	+ 50.492
	3829		528			6823		966		- 69.870
	3301		1056			6357		933		- 19.378
11	11487	3829		13095		20470	6.823		13623	50.490
		50.490					69.866			
							69.870			T.1S. R1.
										BEVERLY BLVD & FORD BLVD,
										N. E. COR, B.M. NAIL IN LEAD IN CR
										10 FT E. OF E. END C.R.
	6820		626			5132		552		
	6194		623			4582		554		
	5571		1249			4026		1106		
12	18585	6.195		14344		13740	4.577		14129	
	7428		621			3595		660		
	7307		623			2935		657		
	6684		1244			2278		1317		
13	21419	7.806		15588		8808	2.935		15442	
	6428		605			6463		650		
	5823		604			5813		647		
	5219		1209			5162		1297		
14	17470	5.823		16797		17442	5814		16745	
		19.324					13.328			

F.B. 2408 P.G. 45

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 HAZE Inst. No. N-142552
Notes by T. OHASHI Time 11:05 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 31-11 To BM. 31-10
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4582	19324	623	16797		8023	[illegible]	634	16748	
	3959		624			7389		636		
	3335		1247			6753		1270		
15.	11.876	3959		18044		22.165	[illegible]		18015	
	4432		519			6714		731		+ 36.430 ✓
	3913		517			5988		731		- 30.716 ✓
	3396		1036			5257		1462		+ 5.714 ✓
16.	11.741	3914		19080		17.964	[illegible]		19477	
	9978		746			4551		539		B.M. 31-10
	9232		742			4012		540		3RD AVE & EASTERN AVE
	8490		1488			3472		1079		SEE F.B. 1397-15 FOR DESC.
17.	27.700	9233		20.568		12.035	[illegible]		20.556	

SUMMATION OF RUN

DIFF IN ELEVATION B.M. 31-11 TO T.B.M. 3rd & FORD. -19.3~~76~~ 80
" " " T.B.M. TO B.M. 31-10 + 5.714 ✓
" " " B.M. 31-11 TO B.M. 31-10 -13.66~~8~~ 6

F.B. 2408 P.G. 46

36.430 ✓ [illegible] ✓

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 1:15 TO 1:50 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. 3rd & FORD To B.M. 51-1
Date 7-12-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean *	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4861		622		#11	7987		626		T.B.M.
	4239		621			7361		625		THIRD ST. & FORD BLVD., N.E. COR.
	3618		1243			6736		1251		BM. NAIL IN LEAD IN CURB, 10 FT.
1	12.718	4.239		1243		22.084	7.361		1251	E. OF E. END OF C6. RET. PAINTED "BM."
	3334		674			10360		671		
	2660		673			9689		672		T J. MOODY
	1987		1347			9017		1343		
2	7.981	2.660		2590		29.066	9.689		2594	
	1422		610			11960		618		
	0812		612			11342		616		
	0200		1222			10726		1234		
3	2.434	0.811		3812		34028	11.343		3828	
	1123		470			10938		476		
	0653		471			10462		475		
	0182		941			9987		951		
4	1.958	0.653		4753		31387	10.462		4779	
	2021		625			5931		631		
	1396		626			5300		629		
	0770		1251			4671		1260		
5	4187	1.396		6004		15902	5.301		6039	
		9.759					44.156			

F.B. 2408 P.G. 47

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. CREIG Weather HAZ Inst. No. N-142552
Notes by T. OHASHI Time 1:15 TO 1:50 Rod No. 11 E

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. 3rd St. Ford Bl. To B.M. 51-
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8972	9.759	480	6004		1395	4.156	468	6039	
	8492		480			0927		469		
	8012		960			0458		937		
6	25476	8.492		6964		2.780	0.927		6976	
	10773		486			2439		489		
	10287		485			1950		491		
	9802		971			1459		980		
7	30862	10287		7935		5848	1949		7956	
	8911		795			4199		777		
	8116		796			3422		775		B.M. 51-1
	7320		1591			2647		1552		3rd ST. & KERN AVE.
8	24.347	8.116		9526		10.268	3.423		9508	SEE F.B. 2408-7 FOR DESC
									9526	
									19,034	
									=0.36 MI	LIMIT .010
										SUMMATION OF RUN
										T.B.M. 3rd & FORD TO B.M. 51-1
										TOTAL BACKSIGHTS +36.654
										TOTAL FORESIGHTS - 50.455
										DIFF IN ELEVATION - 13.801

F.B. 2408 P.G. 48

36.654 50.455

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 HAZE Inst. No Nr 142552
Notes by G. E. DREIER Time 11:15 TO 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-1 To T.B.M. 3RD & FRED
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.111		785		#11	8.808		789		B.M. 51-1
	3.326		787			8.019		787		3RD ST. & KERN AVE
	2.539		1572			7.232		1576		SEE F.B. 2408-7 FOR DESC.
1	9.976	3.325		1.572	90°	24.059	8.020		1.576	
	2.458		490			10.790		485		T J. MOODY
	1.968		490			10.305		486		
	1.478		980			9.819		971		
2	5.904	1.968		2.552		30.914	10.305		2.547	
	1.331		471			8.905		478		
	0.860		469			8.427		479		
	0.391		940			7.948		957		
3	2.582	0.861		3.492		25.280	8.427		3.504	
	5.902		628			1.999		625		
	5.274		627			1.374		629		
	4.647		1255			0.745		1254		
4	15.823	5.274		4.747		4.118	1.373		4.758	
	11.005		476			1.192		471		
	10.529		477			0.721		469		
	10.052		953			0.252		940		
5	31.586	10.529		5.700		2.165	0.722		5.698	
		21.957					28.847			

F.B. 2408 P.G. 49

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No NK 142552
Notes by G. E. DREIER Time 11:15 TO 11:50 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 51-1 To T.B.M. 3rd & FORD
Date 7-15-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.999	21.957	651	5.700		1.393	28.847	576	5.698	
	11.348		651			0.817		577		
	10.697		1.302			0.240		1.153		
6	34.044	11.348		7.002		2.450	10.817		6.851	
	10.309		673			3.281		672		
	9.636		673			2.609		672		
	8.963		1.346			1.937		1.344		
7	28.908	9.636		8.346		7.827	2.609		8.195	
	7.869		590			4.815		657		
	7.279		588			1.158		660		
	6.691		1.178			3.498		1.317		
8	21.839	7.280		9.524		12.471	4.157		9.512	T.B.M. 3rd ST. & FORD BLVD, N.E. COR B.M. NAIL IN LEAD IN CURB 10 FT. E. OF E. END CB. RETURN.
										SUMMATION OF RUN
										T.B.M. 3rd & FORD TO B.M. 51-1
										TOTAL BACKSIGHTS +50.221
										TOTAL FORESIGHTS -36.430
										DIFF IN ELEVATION +13.791
	50.221					36.430				

FB 2408 P.G. 50

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 2:00 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-1 To BM 51-2
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7484		697		#11	5205		696		B.M. 51-1
	6792		697			4509		697		BEVERLY BLVD & S. KERN AVE.
	6095		1394			3812		1393		SEE R.B. 2408-7 FOR DESC.
1	20.376	6792		1394	92°	13.526	4.509		1393	
	5556		631			7463		670		
	4925		627			6843		615		
	4298		1258			6225		1238		
2	14.779	4.926		2652		20.531	6.844		2631	
	3864		627			9883		620		
	3227		628			7263		618		
	2599		1255			8645		1238	6	
3	9.690	3.227		3907		27.791	9.264		3839	
	2153		600			10303		581		
	1553		600			9722		583		
	0953		1200			9139		1164	3	
4	4.659	1553		5107		29.164	9.721		5033	
	3792		604			7227		645		
	3188		606			6582		644		
	2582		1210			5938		1289		
5	9562	3.187		6317		19.147	6.582		6322	
		19.685					36.920			

F.B. 2408 P.G. 51

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 2:00 TO 2:30 Rod No. 11 E 12

L. A. CO.
Name
Job No. 0301.02
From BM 51-1 To BM 51-2
Date 7-15-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5130	19.685	619	6317		6914	36.920	628	6292	
	4511		623			6291		626	6322	
	3886		1242			5663		1254		
6	13.529	45101	7559			18875	62922		7516	
	5158		619			7240		626		
	4539		620			6618		626		
	3919		1239			5991		1252		
7	13616	45391	57984			18553	18422		05284	
	5998		643			7042		623		
	4855		645			6419		629		
	4210		1288			5795		1241		
8	14.563	48541	100856			19255	19183		100717	
	4167		507			8607		545		
	3660		507			8059		548		
	3153		1014			7511		1093		
9	10980	36600	11106			24177	24066		11141	
									11.100	
									22.248	
									=0.42 mi.	

F.B. 2408 P.G. 52

37.248 64308

B.M. 51-2
BEVERLY BLVD & WOODS AVE.
SEE F.B. 2408-8 FOR DESC.

SUMMATION OF RUN
B.M. 51-1 TO B.M. 51-2
TOTAL BACKSIGHTS + 37.248
TOTAL FORESIGHTS - 64.308
DIFF. IN ELEVATION - 27.060

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:35 TO Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 51-2 To BM 51-1
Date 7-15-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8164		532		#11	3758		521		BM 51-2
	7632		532			3237		521		BEVERLY BLVD & WOODS AVE
	7100		1064			2716		1042		SEE F.B. 2408-8 FOR DESC.
1.	22896	7.632		1064		9711	3237		1042	
	7041		623			5453		644		
	6418		623			4809		646		
	5795		1246			4203		1290		
2.	19254	6418		2316		14554	4848		2332	
	7228		626			5149		618		
	6602		627			4531		621		
	5975		1253			3910		1239		
3.	19805	6602		3563		13590	4530		3571	
	6899		628			5107		622		
	6271		628			4485		622		
	5643		1256			3863		1204		
4.	18813	6271		4819		13455	4485		4515	
	7076		620			3656		630		
	6456		621			3026		629		
✓	5835		1241			2437		1259		
5.	19367	6456		6060		9119	3567		6074	
		33379					20167			

F.B. 2408 P.G. 53

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. R. [illegible] Weather HAZ[illegible] Inst. No. Nr 142552
Notes by T. OHASHI Time 2:35 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-2 To BM 51-1
Date 7-15-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10353	33379	582	6060		2199	[illegible]67	597	6074	
	9771		582			1602		596		
	9189		1162			1006		1193		
6.	29313	9771		7222		4807	[illegible]02		7267	SUMMATION OF RUN
	9891		615			3871		632		BM. 51-2 TO BM 51-1
	9276		616			3239		628		TOTAL BACKSIGHT + 63.667 ✓
	8660		1231			2611		1260		TOTAL FORESIGHT − 36.615 ✓
7.	27827	9276		8453		9721	[illegible]40		8527	DIFF IN ELEV. + 27.052 ✓
	7467		622			5550		627		
	6845		624			4923		625		
	6221		1246			4298		1252		
8	20533	6844		9699		14771	[illegible]24		9779	
	5085		687			7385		702		BM 51-1
	4398		690			6683		705		BEVERLY BLVD & S. KERN AVE.
	3708		1377			5978		1407		SEE F.B. 2408-7 FOR DESC.
9.	13191	4397		11076 ✓		20546	6[illegible]2		11186	

F.B. 2408 P.G. 54

63.667 ✓ 3[illegible]15 ✓

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party S. E. DREIER Weather SMOGGY Inst. No. Nr. 142552
Notes by T. OHASHI Time 9:15 TO 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-2 To B.M. 51-3
Date 7-16-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2537		626		#11	9631		629		B.M. 51-2
	1919		622			9002		628		BEVERLY BLVD. & WOODS AVE.
	1297		1248			8374		1257		SEE F.B. 2408-8 FOR DES.
1	5.755 ✓	1918		1242		27.607 ✓	9002		1257	
	2355		639			9591		636		
	1716		641			8955		636		T J. MOODY
	1075		1280			8315		272		
2	5.146	1715		2522		26.865	8955		2529	
	2462		590			7889		593		
	1872		591			7296		594		
	1281		1181			6702		1187		
3	5.615	1872		3703		21.887	7296		3716	
	4489		652			6154		645		
	3837		652			5509		644		✓
	3185		1304			4865		1289		
4	11.511	3837		5067		16.528	5509		5065	
	5877		625			6964		627		
	5252		624			5837		626		
	4628		1249			5211		1253		
5	15.757	5252		6256		17.512	5837		6258	
		14.594					36.599			

F.B. 2408 P.G. 2-5

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 HAZE Inst. No. Nr. 142552
Notes by T. OHASHI Time 9:15 TO 10:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-2 To B.M. 51-3
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5817	14.594	627	6256		6436	36.599	631	6258	
	5190		629			5805		628		
	4561		1256			5177		1259		
6	15.568	5.189		7512		17418	[illegible]		7517	
	6037		626			5749		618		
	5411		624			5131		614		
	4787		1250			4517		1232		
7	16.235	5.412		8762		15.397	[illegible]		8739	
	6430		624			5718		626		
	5806		623			5072		625		
	5183		1247			4467		1251		
8	17419	5.806		10.009		15277	[illegible]		9990	
	6446		626			6653		632		
	5870		623			6021		630		
	5247		1249			5391		1262		
9	17.613	5871		11258		18065	[illegible]		11252	
	7336		628			5628		629		
	6708		629			4999		626		
	6079		1257			4373		1255		
10	20123	6708		12515		15000	[illegible]		12507	
		43.580					63.651			

F.B. 2408 P.G. 56

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 HAZE Inst. No NK142552
Notes by T. OHASHI Time 9:15 TO 10:10 Rod No. 11 & 12

Name C.A. CO. PRECISE LEVELING
Job No. 0301.02
From B.M. 51-2 To B.M. 51-3
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6826	43580	628	2815		4648	63.651	625	2507	
	6198		627			4023		624		
	5571		1255			3399		1249		
11	18595	6198		13770		12070	4023		3756	
	7761		703			4589		724		
	7058		703			3855		708		B.M. 51-3
	6355		1406			3177		1432		BEVERLY BLVD. & SADLER AVE.
12	21174	7058		15176		11651	3884		15168	SEE F.B. 2408-9 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-2 TO B.M. 51-3
										TOTAL BACKSIGHTS + 56.836 ✓
										TOTAL FORESIGHTS - 71.558 ✓
										DIFF IN ELEVATION - 14.722
										F.B. 2408 P.G. 57
		56.836 ✓					71.558 ✓			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.

Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET

Job No.

From To

Date

Indexed

Number of Station	BACKSIGHT Thread Readings	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. Z 408 P.G. 58

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 8:40 TO 9:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-3 To BM 51-2
Date 7-16-51
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
	4548		707		#11	7719		702		BM 51-3
	3841		704			7017		705		BEVERLY BLVD & SADLER AVE.
	3137		1411			6312		1407		SEE F.B 2408-9 FOR DESC.
1.	11526	3842		1411	85°	21048	7016		1407	
	4657		623			6841		628		
	4034		623			6213		628		T J. MOODY
	3411		1246			5585		1256		
2.	12102	4034		2657		18639	6213		2663	
	5649		628			7357		628		
	5021		628			6729		630		
	4393		1256			6099		1258		
3.	15063	5021		3913		20185	6728		3921	
	6759		625			6616		629		
	5131		627			5991		626		
	5502		1252			5375		1255		
4.	17392	6131		5170		17982	5982		5176	
	5761		624			6471		624		
	5137		627			5847		622		
	4510		1251			5225		1246		
5.	15408	5136		6421		17543	5848		6422	
		24164					31787			

F.B. 2408 P.G. 57

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 8:40 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-3 To BM 51-2
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5831	24164	626	6421		6118	[illegible]87	623	6422	
	5211		618			5495		622		
	4593		1238			4873		1245		
6	15.635	5212		7659		16486	[illegible]95		7667	
	6526		632			5901		626		
	5894		630			5275		626		
	5264		1262			4649		1252		
7	17.684	5895		8921		15.825	[illegible]75		8919	
	6471		629			5882		624		
	5842		627			5258		625		
	5215		1256			4633		1249		
8	17.528	5843		15177		15.773	[illegible]58		10168	
	6185		646			4518		650		
	5539		643			3868		650		
	4896		1289			3218		1300		
9	16.620	5.540		11466		11.604	[illegible]		11468	
	7879		589			2455		590		
	7290		593			1865		590		
	6697		1182			1275		1180		
10	21.866	7.289		12648		5.595	[illegible]5		12648	
		53943					53[illegible]8			

F.B. 2408 P.G. 60

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 8:40 TO 9:15 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-3 To BM 51-2
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9657	53943	639	12648		2420	53548	639	12648	
	9018		639			1781		642		
	8379		1278			1139		1281		
11.	27054	9018		13926		5340	1780		13929	
	9559		620			2489		630		BM 51-2
	8939		620			1859		630		BEVERLY BLVD & WOODS AVE
	8319		1240			1229		1260		SEE F.B. 2408-8 FOR DESC.
12	26817	8939		5166		5577	1859		15189	
									15.166	
									30.355	
									=0.57 mi.	LIMIT 0.013
										SUMMATION OF RUN
										BM 51-3 TO BM 51-2
										TOTAL BACKSIGHT + 71.900
										TOTAL FORESIGHT − 57.187
										DIFF IN ELEV. + 14.713
		71.900					57.187			

F.B. 2408 P.G. 61

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather 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. 2462 P.G. 62

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 HAZE Inst. No. NE 142552
Notes by J. MOODY Time 3:25 to 3:45 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-3 To BM 51-4
Date 7-15-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7472		644		#11	4800		623		BM 51-3
	6828		647			4177		625		BEVERLY BLVD. & SADLER AVE
	6181		1291			3552		1248		SEE F.B. 2408-9 FOR DESC.
1	20481	6827		1291	93°	12529	4176		1248	
	7390		628			5787		625		T. G.E. DREIER
	6762		629			5162		624		
	6133		1257			4538		1249		
2	20285	6762		2548		15487	5162		2497	
	6595		632			5946		624		
	5963		630			5322		622		
	5333		1262			4700		1246		
3	17891	5964		3810		15968	5323		3743	
	7471		631			5411		628		
	6840		631			4783		629		
	6209		1262			4154		1257		
4	20520	6840		5072		14348	4783		5000	
	7218		477			5041		465		
	6741		478			4576		466		
	6263		955			4110		931		
5	20222	6741		6027		13727	4576		5931	
		33134					24020			

F.B. 2408 P.G. 63

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 HAZE Inst. No N D 142552
Notes by J Moody Time 3:25 to 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-3 To BM 51-4
Date 7-15-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5191	32.134	1603	6027		7398		647	5931	
	4588		605			6751		648		
	3983		12081			6103		1295		
6	13762	4.587		7235		20252	6.751		7226	
	5330		424			6782		449		
	4886		426			6333		446		
	4460		8501			5887		8951		
7	14656	4.885		8085		19002	6.334		8121	
	5611		318			6780		319		BM 51-4
	5293		316			6461		320		CITY LIMIT BEVERLY BLVD. & MONTEBELLO
	4977		6341			6141		6391		SEE F.B. 2408-10 FOR DESC.
8	15881	5.294		8719		19382	6.461		8760	
									8719	
									17.479	
									0.33 MI.	SUMMATION OF RUN
										BM 51-3 to BM 51-4
										TOTAL BACKSIGHTS + 47.900
										" FORE " - 43.566
										DIFF IN ELEV. + 4.334

F.B. 2408 P.G. 64

47.900 43.566

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT HAZE Inst. No NF 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by J. MOODY Time 8:20 to 8:40 Rod No 11 & 12 Job No 0301.03
From BM 51-4 To BM 51-3
Date 7-16-57
Indexed G. 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
	6642		315		#11	5471		320		BM 51-4 city limit
	6327		318			5157		319		BEVERLY BLVD. & MONTE BELLO
	6009		633			4838		639		SEE F.B. 2408-10 FOR DESC.
1	18978	6326		633	74°	15472	5157		639	
	6727		444			5282		448		
	6283		441			4834		446		T G.E. DREIER
	5842		885			4388		894		
2	18852	6284		1518		14504	4835		1533	
	7443		635			5261		615		
	6808		635			4646		618		
	6173		1270			4028		1233		
3	20424	6808		2788		13935	4645		2766	
	4778		469			6949		476		
	4309		470			6473		475		
	3839		939			5998		951		
4	12926	4309		3727		19420	6473		3717	
	5177		625			7237		628		
	4552		626			6608		628		
	3926		1251			5979		1256		
5	13655	4552		4978		19824	6608		4973	
		28279					27718			

F.B. 2408 P.G. 65

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. MEIER Weather LIGHT HAZE Inst. No NK142552
Notes by J. MOODY Time 8:20 to 8 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301-02
From BM 51-4 To BM 51-3
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5915	28.279	623	4978		6568	27.718	632	4973	
	5292		622			5936		631		
	4670		12451			5305		12631		
6	15877	5292		6223		17809	5936		6236	
	5961		629			7558		627		
	5332		629			6931		628		
	4703		12581			6303		12551		
7	15996	5332		7481		20792	6931		7491	
	4183		625			7093		642		BM 51-3
	4198		626			6851		642		BEVERLY BL. & SADLAR AVE
	3572		12511			6209		12834		SEE F. B. 2408-9 FOR DESC.
8	12593	4198		8732		20053	6684		8775	
										SUMMATION OF RUN
										BM 51-4 to BM 51-3
										total BACKSIGHTS +43.101
										" FORE - 47.436
										DIFF. IN ELEV. - 4335

F.B. 2408 P.G. 66

43.101 47.436

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 1:00 TO 1:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-4 To B.M. 51-5
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.659		616		# 11	7.092		625		B.M. 51-4
	5.043		615			6.467		627		BEVERLY BLVD & MONTEBELLO CITY LIMIT
	4.428		1231			5.840		1.252		SEE F.B. 2408-10 FOR DESC.
1	15.130	5.043		1.231	94°	19.399	6.466		1.252	
	5.067		624			7.227		628		
	4.443		625			6.599		626		
	3.818		1.249			5.973		1.254		⊼ J. MOODY
2	13.328	4.443		2.480		19.799	6.600		2.506	
	5.167		625			6.883		618		
	4.542		624			6.265		618		
	3.918		1.249			5.647		1.236		
3	13.627	4.542		3.729		18.795	6.265		3.742	
	5.875		623			6.367		629		
	5.252		621			5.738		626		
	4.631		1.244			5.112		1.255		
4	15.758	5.253		4.973		17.217	5.739		4.997	
	5.846		565			6.140		560		
	5.281		563			5.580		560		
	4.718		1.128			5.020		1.120		
5	15.845	5.282		6.101		16.740	5.580		6.117	
		24.563					30.650			

F.B. 2408 P.G. 67

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY BREEZY Inst. No NK 142552
Notes by G. E. DREIER Time 1.00 P.M. to 1:40 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-4 To BM 51-5
Date 7-8-57
Indexed E. C. Johnson

F.B. 2408 P.G. 68

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.118	24.528	625	6101		5658	30	626	6.117	
	6.493		625			5032		623		
	5.868		1250			4409		1249		
6	19.479	6.493		7.351		15.099	5.033		7.366	
	6.469		628			5420		622		
	5.841		627			4.798		621		
	5.214		1255			4177		1.243		
7	17.524	5.841		8.606		14.395	4.798		8.609	
	6.687		619			5252		627		
	6.068		616			4.625		629		
	5.452		1.235			3.996		1.256		
8	18.207	6.069		9.841		13.873	4.624		9.865	
	5.719		624			6.939		630		
	5.095		626			6.309		629		
	4.469		1.250			5.680		1259		
9	15.283	5.094		11.091		18.928	6.309		11.124	
	3.936		576			9.266		570		
	3.360		573			8.696		571		
	2.787		1.149			8.125		1.141		
10	10.083	3.361		12.240		26.087	8.696		12.265	
	51.421					60.110				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 1:00 TO 1:40 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-4 To B.M. 51-5
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.959	51.421	524	12.240		8.976	60.110	524	12.265	
	2.435		523			8.452		522		
	1.912		1047			7.930		1.046		
11	7.306	2.435		13.287		25.358	8.453		13.311	
	3.802		290			7.561		296		
	3.512		291			7.265		297		B.M. 51-5
	3.221		581			6.968		593		BEVERLY BLVD. & GARFIELD BLVD
12	10.535	3.512		13.868		21.794	7.265		13.904	SEE F.B. 2408-11 FOR DESC.
									13.868	
									27.772	
									=0.53 MI	LIMIT .012
										SUMMATION OF RUN
										B.M. 51-4 TO B.M. 51-5
										TOTAL BACKSIGHTS +57.368
										TOTAL FORESIGHTS -75.828
										DIFF IN ELEVATION -18.460
		57.368					75.828			

F.B. 2408 P.G. 69

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. Nr. 142552
Notes by G. E. DREIER Time 3:25 TO 4:[illegible] Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-4
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.552		294		#11	3798		293		B.M. 51-5
	1.258		296			3.505		293		BEVERLY BLVD. & GARFIELD BLVD
	6.962		590'			3.212		586'		SEE F.B. 2408-11 FOR DESC.
1	21.772'	7.257'		.590'	92°	10.515'	3.505'		.586'	
	8.958		521			2.939		523		
	8.437		522			2.416		524		
	7.915		1.043'			1.892		1.047'		T J. MOODY
2	25.310'	8.437'		1.633'		7.247'	2.416'		1.633'	
	9.232		569			3.898		575		
	8.663		567			3.323		574		
	8.096		1.136'			2.749		1.149'		
3	25.991'	8.664'		2.769'		9.970'	3.323'		2.782'	
	6.847		629			5.628		624		
	6.218		627			5.004		625		
	5.591		1.256'			4.379		1.249'		
4	18.656'	6.219'		4.025'		15.011'	5.004'		4.031'	
	5.259		627			6.693		616		
	4.632		627			6.077		618		
	4.005		1.254'			5.459		1.234'		
5	13.896'	4.632'		5.279'		18.229'	6.077'		5.265'	
	35.209'					20.324'				

F.B. 2408 P.G. 70

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. NK 142552
Notes by G. E. DREIER Time 3:25 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-5 To BM 51-4
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5377	35.209	621	5.279		6.422	20.32	625	5.265	
	4.756		623			5.797		625		
	4.133		1.244			5.172		1250		
6	14.266	4.755		6523		17.391	5.797		6.515	
	5.661		623			7.119		626		
	5.038		625			6.493		625		
	4.413		1248			5.868		1.251		
7	15.112	5.037		7.771		19.480	6.493		7.766	
	6.141		559			5842		562		
	5.582		566			5.280		562		
	5022		1.119			4.718		1.124		
8	16.745	5.582		8.890		15.840	5.280		8.890	
	6.391		623			5.903		624		
	5.768		623			5.279		624		
	5.145		1.246			4.655		1.248		
9	17.304	5.768		10.136		15.837	5.279		10.138	
	6.778		619			5.058		627		
	6159		618			4.431		625		
	5.541		1.237			3.806		1252		
10	18478	6.159		11.373		13.295	4.432		11.390	
	62510					47.605				

F.B. 2408 P.G. 71

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE Inst. No NT142552
Notes by G. E. DREIER Time 3:25 TO 4:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-4
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.131	62.510	624	11.373		4.972	47.605	623	11.390	
	6.507		626			4.349		627		
	5.881		1.250			3.722		1.250		
11	19.519	6.506		12.623		13.043	4.348		12.640	
	7.065		627			5.631		614		
	6.438		625			5.017		618		B.M. 51-4
	5.813		1.252			4.399		1.232		BEVERLY BLVD. & WLY CITY BDRY. MONTEBELLO
12	19.316	6.439		13.875	94°	15.047	5.016		13.872	SEE F.B. 2408-10 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-5 TO B.M. 51-4
										TOTAL BACKSIGHTS +75.455
										TOTAL FORESIGHTS -56.969
										DIFF IN ELEVATION +18.486
		75.455					56.969			

F.B. 2408 P.G. 72

76P526 S & E #379 1-54

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LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by J. MOODY Time 11:15 to 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-4
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7498		292		#11	3748		295		B.M. 51-5
	7206		293			3453		295		BEVERLY BLVD & GARFIELD BLVD.
	6913		585'			3158		590'		SEE F.B. 2408-11 FOR DESC.
1	21617'	7206'		585'		10359	3453		590'	
	8897		521			2879		526		
	8376		520			2353		526		TG.E. DREIER
	7856		1041'			1827		1052'		
2	25129'	8376'		1626'		7059	2353		1642'	
	9087		575			3747		569		
	8512		574			3178		567		
	7938		1149'			2611		1136'		
3	25537'	8512'		2775'		9536	3179		2778'	
	6821		630			5597		625		
	6191		629			4972		623		
	5562		1259'			4349		1248'		
4	18574'	6191'		4034'		14918	4973		4026'	
	5338		626			6778		620		
	4712		624			6158		620		
	4088		1250'			5538		1240'		
5	14138'	4713'		5284'		18474	6158		5266'	
	34998'					20116'				

F.B. 2408 P.G. 73

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. L. Lucien Weather Haze Inst. No NF 142552
Notes by J. Moody Time 11:15 to 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-4
Date 7-9-57
Indexed A. C. Johnson

F.B. 2408 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
	5467	34.998	628	52.84		6499	20.116	621	52.66	
	4839		628			5878		620		
	4211		1256			5258		1241		
6	145.17	4.839		65.40		17.635	5.878		65.07	
	5677		625			7140		627		
	5052		625			6513		626		
	4427		1250			5887		1253		
7	151.56	5.052		77.90		19.540	6.513		77.60	
	6022		551			5737		569		
	5471		553			5168		569		
	4918		1104			4599		1138		
8	164.11	5.470		88.94		15.504	5.168		88.98	
	6294		625			5807		624		
	5669		626			5183		621		
	5043		1251			4562		1245		
9	170.06	5.669		101.45		15.552	5.184		101.43	
	6782		618			5065		626		
	6164		616			4439		626		
	5548		1234			3813		1252		
10	184.94	6.165		113.79		33.17	4.439		113.95	
	62.193					47.398				

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 HAZE Inst. No Nr 142552
Notes by J. MOODY Time 11:15 to 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-4
Date 7-9-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7112	62.193'	624	11.379'		4958	47.298'	625	11.395'	
	6488		625			4333		624		
	5863		1249'			3709		1249'		
11	9463'	6488'		12628'		13000'	4.333'		12644'	
	7178		626			5749		616		B.M. 51-4
	6552		626			5133		613		BEVERLY BLVD. & W'LY MONTEBELLO CITY LIMITS
	5926		1252'			4520		1229'		
12	19656	6552'		13880'		15402'	5.134'		13873'	SEE F.B. 2408-10 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-5 TO B.M. 51-4
										TOTAL BACKSIGHTS + 75.233'
										TOTAL FORESIGHTS - 56.765'
										DIFF IN ELEVATION + 18.468'
										F.B. 2408 P.G. 75
		75.233'					56.765'			

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No NK 142552
Notes by J. MOODY Time 1:20 to 3:12 Rod No. 11 & 12

Name L. A. CO.
Job No. 0301-07
From BM 51-4 To BM 51-5
Date 7-9-57
Indexed M. C. Johnson

F.B. 2408 P.G. 76

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5591		612		#11	7024		625		BM 51-4
	4979		612			6399		627		BEVERLY BLVD & W'LY MONTEBELLO
	4367		1224'			5772		1252'		CITY LIMITS
1	14937	4979		1224'		19195	6398		1252'	SEE F.B. 2408-10 FOR DESC.
	5007		621			7168		626		TO G. E. DREIER
	4386		624			6542		625		
	3762		1245'			5917		1251'		
2	13155	4385		2469'		19627	6542		2503'	
	4980		627			6702		619		
	4353		625			6083		617		
	3728		1252'			5466		1236'		
3	13061	4354		3721'		18251	6084		3739'	
	5178		624			6270		628		
	5154		624			5642		624		
	4530		1248'			5018		1252'		
4	15462	5154		4969'		16930	5643		4991'	
	5698		561			5999		561		
	5137		562			5438		561		
	4575		1123'			4877		1122'		
5	15410	5137		6092'		16314	5438		6113'	
			24009'					31105'		

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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Chief of Party E. DREIER Weather HAZE Inst. No NR 142552
Notes by J. MOODY Time 1:20 to 3:25 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-4 To BM 51-5
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7003	24.004	625	6092		5539	30.105	624	6113	
	6378		626			4915		625		
	5752		1251			4290		1249		
6	19133	6378		7343		14744	4915		7362	
	6530		626			5489		623		
	5904		623			4866		624		
	5281		1249			4242		1247		
7	17715	5905		8592		14597	4866		8609	
	6703		617			5267		625		
	6086		617			4642		625		
	5469		1234			4017		1250		
8	18258	6086		9826		13926	4642		9859	
	5653		622			6879		630		
	5031		622			6249		630		
	4409		1244			5619		1260		
9	15093	5031		11070		18747	6249		11119	
	3779		576			9195		566		
	3203		576			8539		567		
	2627		1152			7972		1133		
10	9609	3203		12222		25616	8539		12252	
		50.612					59.316			

F.B. 2408 P.G. 77

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. [illegible] Weather HAZE Inst. No N-142552
Notes by J. MOODY Time 1:20 to 1:50 Rod No 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0361.02
From BM51-4 To BM51-5
Date 7-9-57
Indexed C. Johnson

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	Backsight Sum of Intervals	B. S. Rod and Temp.	Foresight Thread Readings	Foresight Mean	Foresight Thread Intervals	Foresight Sum of Intervals	Description and Remarks
	2794	50.612	525	12.222		8812	59.316	521	12.252	
	2269		526			8291		521		
	1743		1051			7770		1042		
11	6806	2.269		13.273		24873	8.291		13294	
	3797		293			7553		294		BM51-5
	3504		291			7259		296		BEVERLY BLVD. & GARFIELD BLVD.
	3213		584			6963		590		SEE F.B. 2408-11 FOR DESC.
12	10514	3.505		13857		21775	7.258		13884	

SUMMATION OF RUN
B.M. 51-4 TO B.M. 51-5
TOTAL BACKSIGHTS +56.386
TOTAL FORESIGHTS -74.865
DIFF IN ELEVATION -18.479

F.B. 2408 P.G. 78

56.386 74.865

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No. W 142552
Notes by G. E. DREIER Time 1:45 TO 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 51-5 To B.M. 51-6
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2653		750.		#11	5,999		744		B.M. 51-5
	1.903		751			5.255		743		BEVERLY BLVD & GARFIELD BLVD.
	1.152		1,501			4.512		1,487		SEE F.B. 2408-11 FOR DESC.
1	5.708	1.903		1.501	92°	15.766	5.255		1.487	
	6.093		446			3.712		454		
	5.647		446			3.258		455		
	5.201		892			2.803		909		
2	16.941	5.647		2.393		9.773	3.258		2.396	T. J. MOODY
	8.465		397			3.137		402		
	8.068		396			2.735		402		
	7.672		793			2.333		804		
3	24.205	8.068		3.186		8.205	2.735		3.200	
	8.375		370			3.192		378		
	8.005		370			2.814		377		
	7.635		740			2.437		755		
4	24.015	8.005		3.926		8.443	2.814		3.955	
	8.557		399			3.677		403		
	8.158		397			3.274		403		
	7.761		796			2.871		806		
5	24.476	8.159		4.722		9.822	3.274		4.761	
	31.782					17.336				

F.B. 2408 P.G. 79

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE BREEZE Inst. No 50010
Notes by G. E. DREIER Time 1:45 TO 2:10 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 51-5 To B.M. 51-6
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.721	31.782	628	4.722		6.768	12.526	625	4.761	
	6.093		626			6.143		624		
	5.467		1.254			5.519		1.249		
6	18.281	6.094		5.976		18.430	6.143		6.010	
	5.853		624			4.349		624		
	5.229		626			3.725		626		
	4.602		1.250			3.099		1.250		
7	15.685	5.228		7.226		11.173	3.724		7.260	
	8.262		623			3.578		627		
	7.639		624			2.951		624		
	7.015		1.247			2.327		1.251		
8	22.916	7.639		8.473		8.856	2.952		8.511	
	8.683		625			4.318		618		
	8.058		626			3.700		619		
	7.432		1.251			3.081		1.237		
9	24.173	8.058		9.724		11.099	3.700		9.748	
	7.917		623			5.077		625		
	7.294		624			4.452		625		
	6.670		1.247			3.827		1.250		
10	21.881	7.294		10.971		13.356	4.452		10.998	
	66.095					38.307				

F.B. 24408 P.G. 80

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 1:45 TO 2:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-5 To B.M. 51-6
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.596	6.095	635	10.971		6.096	38.307	619	10.998	
	5.961		632			5.477		618		
	5.329		1267			4.859		1237		
11	17.886	5.962		12.238		16.432	5.477		12.235	
	5.665		622			6.512		627		
	5.043		622			5.885		626		
	4.421		1244			5.259		1.253		
12	15.129	5.043		13.482		17.656	5.885		13.488	
	5.505		626			6.669		628		
	4.879		624			6.041		625		
	4.255		1250			5.416		1.253		
13	14.639	4.880		14.732		18.126	6.042		14.741	
	5.250		638			6.177		626		
	4.612		639			5.551		624		
	3.973		1.277			4.927		1.250		
14	13.835	4.612		16.009		16.655	5.552		15.991	
	5.564		399			6.203		401		
	5.165		399			5.802		401		
	4.766		798			5.401		802		
15	15.495	5.165		16.807		17.406	5.802		16.793	
		91.757					67.065			

F.B. 2408 P.G. 81

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SLIGHT BREEZE Inst. No. Nr 142552
Notes by G. E. DREIER Time 1:45 TO 2:[illegible] Rod No. 11 & 12

Name L. A. CO. PRIMARY LEVEL NET
Job No. 0.301.02
From B.M. 51-5 To B.M. 51-6
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.537	91.757	406	16.807		6.524	6[illegible].65	410	16.795	
	5.131		404			6.114		407		
	4.727		810			5.707		817		
16	15.395	5.132		17.617	96°	18.345	6[illegible].115		17.610	B.M. 51-6
									17.617	BEVERLY BLVD. & WILCOX AVE.
									35.227	SEE F.B. 2408-12 FOR DESC.
									0.67m	LIMIT .014
										SUMMATION OF RUN
										B.M. 51-5 TO B.M. 51-6
										TOTAL BACKSIGHTS +96.889
										TOTAL FORESIGHTS -73.180
										DIFF IN ELEVATION +23.709
		96.889				73.180				

F.B. 2408 P.G. 82

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 2:40 TO 3:25 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No 030102
From Bm 51-6 To B.M. 51-5
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.533		410		#11	5.543		405		B.M. 51-6
	6.123		409			5.138		405		BEVERLY BLVD. & WILCOX AVE.
	5.714		819			4.733		810		SEE F.B. 2408-12 FOR DESC.
1	18.370	6.123		819	96°	15.414	5.138		810	
	6.181		402			5.538		399		
	5.779		401			5.139		399		T J. MOODY
	5.378		803			4.740		798		
2	17.338	5.779		1,622		15.417	5.139		1,608	
	6.192		627			5.259		634		
	5.565		627			4.625		636		
	4.938		1254			3.989		1.270		
3	16.695	5.565		2,876		13.873	4.624		2,878	
	6.609		625			5.447		627		
	5.984		623			4.820		625		
	5.361		1248			4.195		1.252		
4	17.954	5.985		4.124		14.462	4.821		4,130	
	6.513		623			5.668		624		
	5.890		623			5.044		625		
	5.267		1246			4.419		1.249		
5	17.670	5.890		5,370		15.131	5.044		5.379	
	29.342					24,766				

F.B. 2408 P.G. 83

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather BREEZE Inst. No NK 142552
Notes by G. E. DREIER Time 2:40 TO 3:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-6 To B.M. 51-5
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.098	29.342	615	5.370		6.605	24.966	636	5.379	
	5.483		614			5.969		638		
	4.869		1229			5.331		1274		
6	16.450	5.483		6599		17.905	5.968		6653	
	5.110		623			7.955		623		
	4.487		626			7.332		624		
	3.861		1249			6.708		1247		
7	13.458	4.486		7848		21.995	7.332		7900	
	4.302		620			8.663		625		
	3.682		621			8.038		623		
	3.061		1241			7.415		1248		
8	11.045	3.682		9089		24.116	8.039		9148	
	3.638		627			8.317		623		
	3.011		628			7.694		622		
	2.383		1255			7.072		1245		
9	9.032	3.011		10344		23.083	7.694		10393	
	4.388		623			5.889		626		
	3.765		624			5.263		625		
	3.141		1247			4.638		1251		
10	11.294	3.765		11591		15.790	5.263		11644	
	49.769					59.062				

F.B. 2408 P.G. 84

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE Inst. No Nr 142552
Notes by G.E.DREIER Time 2:40 TO 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-6 To B.M. 51-5
Date 7-8-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.813	49.769	624	11.591		6.767	59.062	629	11.644	
	6.189		621			6.138		625		
	5.568		1.245			5.513		1,254		
11	18.570	6.190		12.836		18.418	6.139		12.898	
	3.718		401			8597		399		
	3.318		400			8.198		398		
	2.918		800			7.800		797		
12	9.954	3.318		13.636		24595	8.198		13695	
	3 206		375			8392		373		
	2.831		373			8.019		372		
	2.458		748			7.647		745		
13	8.495	2.832		14.384		24,058	8.019		14.440	
	2949		412			8257		385		
	2,537		415			7,872		384		
	2.122		827			7.488		769		
14	7.608	2.536		15.211		23.617	7.872		15,209	
	4068		462			6 435		440		
	3.606		462			5.995		440		
	3.144		924			5.555		880		
15	10.818	3.606		16.135		17.985	5.995		16.089	
		68.251					95.285			

F.B. 2408 P.G. 85

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZY Inst. No. NK.142552
Notes by G. E. DREIER Time 2:40 TO 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 51-6 To B.M. 51-5
Date 7-8-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.029	68.251	746	16.135		2675	5.285	747	16.089	
	5.283		744			1.931		750		B.M. 51-5
	4.539		1.490			1.181		1.497		BEVERLY BLVD & MAPLE AVE
16	15.851	5.284		17.625		5.790	1.930		17.586	SEE F.B. 2408-11 FOR DESC
										SUMMATION OF RUN
										B.M. 51-5 TO B.M. 51-6
										TOTAL BACKSIGHTS + 73.535
										TOTAL FORESIGHTS - 97.215
										DIFF IN ELEVATION - 23.680
	73535					97215				

F.B. 2408 P.G. 86

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by J. MOODY Time 10:10 to 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-6 To B.M. 51-5
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6268		396		# 11	5302		412		B.M. 51-6
	5872		395			4890		412		BEVERLY BLVD. & WILCOX AVE.
	5477		791			4478		824		SEE F.B. 2408-12 FOR DESC.
1	12617	5.872		791		14670	4.890		824	
	6111		403			5467		399		
	5708		400			5068		400		
	5308		803			4668		799		G. E. DREIER
2	17127	5.709		1594		15203	5.068		1623	
	6211		635			5266		625		
	5576		637			4641		629		
	4939		1272			4012		1254		
3	16726	5.575		2866		13919	4.640		2877	
	6652		620			5499		631		
	6032		618			4868		630		
	5414		1238			4238		1261		
4	18106	6.033		4104		14605	4.868		4138	
	6513		632			5659		616		
	5881		631			5043		614		
	5250		1263			4429		1230		
5	17644	5.881		5367		15131	5.044		5368	
		29.078					24.510			

F.B. 2408 P.G. 87

76P526 S & E #379 1-54

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Chief of Party G. E. DRIVER Weather HAZE Inst. No NK 142552
Notes by J. MOODY Time 10:10 to 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-6 To B.m. 51-5
Date 7-9-57
Indexed K. C. Johnson

DESCRIPTION AND REMARKS

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	6218	29.078	620	5367		6718		635	5368
	5598		619			6083		633	
	4979		1239			5450		1268	
6	16795	5598		6606		18251	6084		6636
	5097		625			7941		621	
	4472		624			7320		622	
	3848		1249			6698		1243	
7	13417	4472		7855		21959	7320		7879
	4178		620			8537		623	
	3558		621			7914		623	
	2937		1241			7291		1246	
8	10673	3558		9096		23742	7914		9125
	3672		624			8359		622	
	3048		626			7737		625	
	2422		1250			7112		1247	
9	9142	3047		10346		23208	7736		10372
	4388		625			5888		626	
	3763		624			5262		624	
	3139		1249			4638		1250	
10	11290	3763		11595		15788	5263		11622

F.B. 2408 P.G. 88

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76P526 S & E #379 1-54

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Chief of Party G.E. DREYER Weather HAZE Inst. No NR 142552
Notes by J. MOODY Time 10:10 to 11:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-6 To B.M. 51-5
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6829		632	11.595		6762		615	11.622	
	6197		634			6147		616		
	5563		1266			5531		1231		
11	18589	6.196		12861		18440	6.147		12853	
	3694		402			8570		397		
	3292		403			8173		394		
	2889		805			7779		791		
12	9875	3.292		13666		24522	8.174		13644	
	3079		378			8270		376		
	2702		376			7894		374		
	2326		754			7520		750		
13	8107	2.702		14420		23684	7.895		14394	
	3285		402			8613		397		
	2883		406			8216		398		
	2483		808			7818		795		
14	8651	2.884		15222		24647	8.216		15189	
	4241		454			6624		445		
	3787		456			6179		447		
	3331		910			5732		892		
15	11359	3.786		16132		18535	6.178		16081	
	68.56					25.437				
	71									

F.B. 2408 P.G. 89

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Chief of Party G. E. DREIER Weather HAZE Inst. No NR. 142552
Notes by J. MOODY Time 10:10 to 11:15 Rod No. 11 & 12

Name L. A. CO PROFILE LEVEL NET
Job No. 0301.02
From B.M. 51-6 To B.M. 51-5
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.119	65.305 71	736	16.132		2792		760	16.081	
	5383		734			2032		761		B.M. 51-5
	4649		1470			1271		1521		BEVERLY BLVD. & GARFIELD BLVD.
16	16.158	5.384		17.602		6.095	2.032		17.602	SEE F.B. 2408-11 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-6 TO B.M. 51-5
										TOTAL BACKSIGHTS +73.758
										TOTAL FORESIGHTS -97.469
										DIFF IN ELEVATION -23.711

F.B. 2408 P.G. 90

73.758

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NE 142552
Notes by J. MOODY Time 1:50 to 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL
Job No. 030192
From BM 51-5 To BM 51-6
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2711		748		#11	6066		746		BM 51-5
	1963		750			5320		744		BEVERLY BLVD & GARFIELD BLVD
	1213		1498'			4576		1490'		SEE F.B. 2408-11 FOR DESC.
1	5887'	1962'		1498'	85°	15962'	5321'		1490'	
	6567		448			4182		454		⊼ G.E. DREIER
	6119		447			3728		455		
	5672		895'			3273		909'		
2	18358'	6119'		2393'		11183'	3728'		2399'	
	8535		399			3203		400		
	8136		399			2803		398		
	2737		798'			2405		798'		
3	24408'	8136'		3191'		8411'	2804'		3197'	
	8323		376			3129		373		
	7947		379			2756		374		
	7568		755'			2382		747'		
4	23838'	7946'		3946'		8267'	2756'		3944'	
	8518		400			3641		401		
	8119		399			3240		401		
	7719		799'			2839		802'		
5	24355'	8118'		4745'		9720'	3240'		4746'	
	32281'					17849'				

F.B. 2408 P.G. 9

76P526 S & E #379 1-54

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Chief of Party G. E. GREIER Weather HAZE Inst. No W-142552
Notes by J. Moody Time 1:50 to 3:25 Rod No. 11 & 12

Name L. A. CO. FLOOD CONTROL
Job No. 0301.92
From BM 51-5 To BM 51-6
Date 7-9-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6783	32.281	626	4.745		6832	6.819	625	4.746	
	6157		626			6207		626		
	5531		1252			5581		1251		
6	18.471	6.157		.997		18.620	6.207		.997	
	5864		622			4372		625		
	5242		623			3747		628		
	4619		1245			3119		1253		
7	15725	5242		6242		11238	3.746		6250	
	8138		625			3457		629		
	7513		623			2828		628		
	6890		1248			2200		1257		
8	22541	7.514		7490		8485	2828		7507	
	8463		624			4103		620		
	7839		626			3483		619		
	7213		1250			2864		1239		
9	23515	7.838		8740		10420	3.483		8746	
	7728		629			4873		620		
	7099		628			4253		621		
	6471		1257			3632		1241		
10	21298	7.099		9997		12758	4253		9987	
	66.131			10.997		38.356			10.987	

F.B. 2408 P.G. 92

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK 142552
Notes by J. MOODY Time 1:50 to 3:25 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 630.02
From BM 51-5 To BM 51-6
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		66.131		10.997			38.366		10.987	
	6680		634	9997		6184		622	9987	
	6046		634			5562		622		
	5412		1268	12.		4940		1244	12.	
11	18.138	6.046		11265		16.686	5.562		11.231	
	5758		627			6596		625		
	5131		624			5971		623		
	4507		1251	13.		5348		1248	3.	
12	15.396	5.132		18516		17.915	5.972		18479	
	5407		629			6567		624		
	4778		628			5943		621		
	4150		1257	4.		5322		1245	14.	
13	14.335	4.778		18773		17.832	5.944		18724	
	5291		631			6221		630		
	4660		633			5591		629		
	4027		1264	6.		4962		1259	5	
14	13.978	4.659		15037		16.774	5.591		14983	
	5419		400			6062		400		
	5019		400			5662		400		
	4619		800	6		5262		800	6	
15	15.057	5.019		15837		16.986	5.662		15783	
		91.765					67.097			

F.B. 2408 P.G. 93

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No AK-14252
Notes by J. MOODY Time 1:50 to 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 23101-2
From BM 51-5 To BM 51-6
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.166	91.765'	407	16 18.837		6.144	67.097'	402	16 18.783	BM 51-6
	4.759		406			5.742		402		BEVERLY BLVD. & WILCOX AVE.
	4.353		813'	17.		5.340		804'	17.	SEE F.B. 2408-12 FOR DESC.
16	14.278	4.759'		16.650		17.226	5.742'		18.587	
										SUMMATION OF RUN
										B.M. 51-5 TO B.M. 51-6
										TOTAL BACKSIGHTS +96.524'
										TOTAL FORESIGHTS - 72.839'
										DIFF IN ELEVATION + 23.685'

F.B. 2408 P.G. 94

96.524' 72.839'

76P526 5 & E #379 1-54

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Chief of Party E. E. DREIER Weather HAZY Inst. No Nr. 142552
Notes by T. OHASHI Time 8:20 TO 5:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-6 To B.M. 51-7
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5283		595			6203		598		B.M. 51-6
	4688		597			5605		598		BEVERLY BLVD. & WILCOX AVE.
	4091		1192			5007		1196		SEE F.B. 2408-12 FOR DESC.
1	14.062	4.687		1192		16.815	5.605		1196	
	4255		623			5951		619		T J. MOODY
	3632		625			5332		620		
	3007		1248			4712		1239		
2	12.894	2.981		2440		15.995	5.332		2435	
	5763		625			3107		625		
	5138		626			2482		624		
	4532		1251			1858		1249		
3	15.433	5.158		3691		7447	2.482		3584	
	8067		622			4469		626		
	7445		624			3843		625		
	6821		1246			3218		1251		
4	22.333	7.446		4937		11.530	3.843		4935	
	5178		620			5337		621		
	5158		623			4716		623		
	4535		1243			4093		1244		
5	15.471	5.157		6180		14.146	4.715		6179	
		25077					21.977			

F.B. 2408 P.G. 95

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No. Nr. 142552
Notes by T. OHASHI Time 8:24 TO 9 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 51-6 To BM. 51-7
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5245 4622 3999 13.866	26.077 4.622	623 623 1246	6180 7426		6015 5391 4767 16173	[illegible] [illegible]	624 624 1248	6179 7427	
7	4857 4232 3606 12.695	4.232	625 626 1251	8677		5869 5246 4622 15.737	[illegible]	623 624 1247	8674	
8	5810 5187 4563 15.560	5187	623 624 1247	9924		5150 4522 3897 13569	[illegible]	628 625 1253	9927	
9	3985 3362 2738 10.085	3.362	623 624 1247	11171		9112 8491 7868 25.471	8.490	621 623 1244	11171	
10	3341 2992 2642 8.975	2.992	349 350 699	11870		7609 7259 6910 21.778	7259	350 349 699	11870	
		46472					[illegible]			

F.B. 2408 P.G. 96

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No. Nr 142552
Notes by T. OHASHI Time 8:20 To 1:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-6 To BM 51-7
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2684	46.972	346	11870		7494	52.886	351	11870	
	2338		343			7143		351		
	1995		689			6792		702		
11.	7017	2.339		12559		21429	7.143		12572	SUMMATION OF RUN
	3402		354			8141		348		BM 51-6 TO BM 51-7
	3048		354			7793		350		TOTAL BACKSIGHT + 55.806
	2694		708			7443		698		TOTAL FORESIGHT - 74.838
12	9144	3.048		13267		23377	7.792		13270	DIFF. IN ELEV. - 19.032
	4181		234			7242		225		
	3947		235			7017		225		
	3712		469			6792		450		
13	11840	3.947		13736		21051	7.017		13720	
									13736	BM 51-7
									27456	BEVERLY BLVD & MAPLE AVE.
									.52 mi	SEE F.B. 2408-13 FOR DESC.
										F.B. 2408 P.G. 97
		55.806					74.838			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No. Nr 142552
Notes by T. OHASHI Time 9:25 TO 1[illegible] Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NE
Job No. 0301.02
From B.M. 51-7 To BM 51-6
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7268		225			4208		234		B.M. 51-7
	7043		225			3974		235		BEVERLY BLVD & MAPLE AVE
	6818		450			3739		469		SEE F.B. 2408-13 FOR DESC.
1	21.129	7.043		450		11.921	3.774		469	
	8150		349			3409		353		
	7801		349			3056		353		
	7452		698			2703		706		⊼ J. MOODY
2	23.403	7.801		1148		9.168	3.[illegible]6		11.75	
	7520		347			2718		347		
	7173		348			2371		347		
	6825		695			2022		696		
3	21.518	7.173		1843		7.111	2.[illegible]0		1871	
	7633		349			3366		349		
	7284		349			3017		349		
	6935		698			2668		698		
4	21.852	7.284		2541		9.051	3.[illegible]7		2569	
	9162		623			4[illegible]		625		
	8539		622			3413		623		
	7917		1245			2790		1248		
5	25.618	8.539		3786		10.241	3.[illegible]4		3.817	
		37.840					15.831			

F.B. 2408 P.G. 98

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party S. L. DREIER Weather HAZY Inst. No. Nr 142.552
Notes by T. OHASHI Time 9:25 TO 10:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-7 To BM 51-6
Date 7-8-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6122	37.840	640	3782		6757	15.831	616	3817	
	5482		641			6147		610		
	4841		1281			5537		1226		
6	16.445	5.482		5067		16.441	6.147		5637	
	5877		618			4882		633		
	5259		614			4249		634		
	4645		1232			3615		1267		
7	15.781	5.260		6299		12.746	4.249		6304	
	6069		626			5299		623		
	5443		624			4676		621		
	4815		1250			4055		1244		
8	16.331	5.444		7549		14.030	4.677		7548	
	5327		624			5771		624		
	4703		625			5147		623		
	4078		1249			4524		1247		
9	14.158	4.705		8798		15.442	5.147		8795	
	4491		625			8089		622		
	3866		627			7467		622		
	3239		1252			6845		1244		
10	11.597	3.865		10.050		22.801	7.467		10.039	
		62594					43518			

F.B. 2408 P.G. 99

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather HAZY Inst. No. Nt 142552
Notes by T. OHASHI Time 9.25 To [illegible] Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 51-7 To BM 51-6
Date 7-9-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3208	62.594	622	10.050		5891	[illegible]	630	10039	
	2586		621			5261		628		
	1965		1243			4633		1258		
11	7.759	2586		11293		15785	[illegible]		11297	
	5922		615			4233		626		
	5307		618			3607		627		
	4689		1233			2980		1253		
12	15.918	5.306		11526		10.820	[illegible]		11.550	
	6291		603			5364		594		BM 51-6
	5688		605			4770		592		BEVERLY BLVD. & WILCOX AVE
	5083		1208			4178		1186		SEE F.B. 2408-12 FOR DESC
13	17062	5.687		11734		14312	[illegible]		11736	
										SUMMATION OF RUN
										BM 51-7 TO BM 51-6
										TOTAL BACKSIGHT +76.173
										TOTAL FORESIGHT −57.158
										DIFF IN ELEV. +19.015
		76.173					[illegible]			

F.B. 2408 P.G. 100

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 3:30 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-6 To B.M. 51-7
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.168		596			6.092		600		B.M. 51-6
	4.572		598			5.492		600		BEVERLY BLVD & WILCOX AVE
	3.974		1.194			4.892		1.200		SEE B. 24:5 FOR DESC.
1	13.714	4.571		1.194		16.376	5.492		1.200	
	4.171		627			5.861		618		T. J. MOODY
	3.544		626			5.243		618		
	2.918		1.253			4.625		1.236		
2	10.633	3.544		2.447		15.729	5.243		2.436	
	6.623		627			4.519		626		
	5.996		628			3.893		623		
	5.368		1.255			3.270		1.249		
3	17.987	5.996		3.702		11.682	3.894		3.685	
	9.263		622			5.098		625		
	8.641		620			4.473		626		
	8.021		1.242			3.847		1.251		
4	25.925	8.642		4.944		13.418	4.473		4.936	
	6.201		624			5.759		623		
	5.577		624			5.136		623		
	4.953		1248			4.513		1.246		
5	16.731	5.577		6.192		15.408	5.136		6.182	
		28.330					24.238			

F.B. 2408 P.G. 101

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by G. E. DREIER Time 3:30 TO 4:00 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 51-6 To B.M. 51-7
Date 7-9-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.906	28.330	624	6.192		6.674	20.238	623	6.182	
	5.282		625			6.051		623		
	4.657		1249			5.428		1246		
6	15.845	5.282		7441		18.153	6.051		7,428	
	5.482		614			6.518		634		
	4.868		615			5.882		633		
	4.253		1229			5.249		1267		
7	14.603	4.868		8.670		17.649	5.883		8.695	
	6.675		626			6.011		626		
	6.049		624			5.385		626		
	5.425		1250			4.759		1252		
8	18.149	6.050		9.920		16.155	5.385		9.947	
	5.938		623			11.069		624		
	5.315		624			10.445		626		
	4.691		1247			9.819		1250		
9	15.944	5.315		11.167		31.333	10.444		11.197	
F.B. 2408 P.G. 102	3.887		350			8.152		347		
	3.537		349			7.805		349		
	3.188		699			7.456		696		
10	10.612	3.537		11.866		23.413	7.804		11.893	
	53.382					59.805				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NR 142552
Notes by G. E. DREIER Time 3:30 TO 4:00 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 030.02
From B.M. 51-6 To B.M. 51-7
Date 7-9-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.324	53.382	346	11.866		8.130	59.805	349	11.893	
	2.978		345			7.781		349		
	2.633		691			7.432		698		
11	8.935	2.978		12.557		23.343	7.781		12.591	
	3.508		355			8.245		349		
	3.153		354			7.896		350		
	2.799		709			7.546		699		
12	9.460	3.153		13.266		23.687	7.896		13.290	
	4.221		233			7.288		229		B.M. 51-7
	3.988		233			7.059		228		BEVERLY BLVD & MAPLE AVE.
	3.755		466			6.831		457		SEE F.B. 2408-13 FOR DESC
13	11.964	3.988		13.732		21.178	7.059		13.747	
										SUMMATION OF RUN
										B.M. 51-6 TO B.M. 50-7
										TOTAL BACKSIGHTS +63.501
										TOTAL FORESIGHTS -82.541
										DIFF IN ELEVATION -19.040
		63.501					82.541			

F.B. 2408 P.G. 103

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS Inst. No. Nr 142552
Notes by T. OHASHI Time 2:45 70 Rod No. 11 & 12

Name L. A. CO. PRECISE TRIPT. [illegible]
Job No. 030102
From BM 51-7 To BM 51-6
Date 7-10-57
Indexed A. G. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7278		232		#11	4207		228		BM. 51-7
	7046		232			3979		225		BEVERLY BLVD & MAPLE AVE.
	6814		464		85°	3754		453		SEE F.B. 2408-13 FOR DESC.
1	21.138	7.046		464		11.940	3.980		453	
	8150		348			3405		351		
	7802		349			3054		352		
	7453		697			2702		703		⊼ J. MOODY
2	23.405	7.802		1161		9161	3.054		1156	
	8202		347			3403		347		
	7855		349			3056		347		
	7506		696			2709		694		
3	23.563	7.854		1857		9.168	3.056		1850	
	8150		349			3878		347		
	7801		349			3531		349		
	7452		698			3182		696		
4	23.403	7.801		2555		10.591	3.530		2546	
	11167		625			6038		623		
	10542		625			5415		623		
	9917		1250			4792		1246		
5	31.626	10.542		3805		16.245	5.415		3792	
		41.045					19.035			

F.B. 2408 P.G. 104

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 SCATTERED CLOUDS Inst. No. NR142552
Notes by T. OHASHI Time 2:45 TO 3:30 Rod No. 11E12

Name L. A. CO PRECISE LEVEL NET
Job No. 030102
From BM 51-7 To BM 51-6
Date 7-10-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6118	41.045	626	3805		6778	19.035	625	3792	
	5492		626			6153		625		
	4866		1252			5528		1250		
6	16476	5.492		5057		18459	6.153		5042	
	6491		631			5468		618		
	5860		630			4850		618		
	5230		1261			4232		1236		
7.	17581	5.860		6318		14550	4.850		6278	
	6810		635			6018		615		
	6175		635			5403		614		
	5540		1270			4789		1229		
8.	18525	6.175		7588		16210	5.403		7507	
	5827		624			6773		623		
	5203		623			5650		623		
	4580		1247			5027		1246		
9	15610	5.203		8835		16950	5.655		8753	
	5220		623			8815		623		
	4597		624			8192		621		
	3973		1247			7571		1244		
10	13790	4597		10082		24578	8.193		9997	
		68.372					49.284			

F.B. 2408 P.G. 105

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 SCATTERED CLOUDS Inst. No. N-142552
Notes by T. OHASHI Time 2:45 To 3:2 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 51-7 To BM. 51-6
Date 7-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3751	68.372	622	10.082		6437	49.284	630	9.997	
	3129		621			5807		630		
	2508		1243			5177		1260		
11	9388	3.129		11.325		17421	5.[illegible]7		11.257	
	5842		605			4176		641		
	5237		605			3535		643		
	4632		1210			2892		1284		
12.	15.711	5.237		12.535		10.603	3.534		12.541	
	6202		601			5280		597		BM. 51-6
	5601		599			4683		598		BEVERLY BLVD. & WILCOX AVE.
	5002		1200			4085		1195		SEE F.B. 2408-12 FOR DESC.
13.	16805	5.602		13.735		14048	4.6[illegible]3		13.736	
										SUMMATION OF RUN
										B.M. 51-7 TO B.M. 51-6
										TOTAL BACKSIGHTS +82.340
										TOTAL FORESIGHTS -63.308
										DIFF IN ELEVATION +19.032
		82.340					63.308			

F.B. 2408 P.G. 106

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No Nr 142552
Notes by T. OHASHI Time 9:40 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 630.02
From B.M. 51-7 To B.M. 51-8
Date 7-10-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3394		626		#11	9219		623		B.M. 51-7
	2768		624			8596		624		BEVERLY BLVD. & MAPLE AVE
	2144		1250			7972		1247		SEE F.B. 2408-13 FOR DESC.
1	8.306	2.769		1250		25.787	8.596		1247	
	5453		626			5927		626		
	4827		628			5301		625		J. MOODY
	4199		1254			4676		251		
2	14.479	4.826		2504		15.904	5.301		2498	
	6852		623			6109		628		
	6229		625			5481		628		
	5604		1248			4853		1256		
3	18.685	6.228		3752		16.443	5.481		3754	
	5173		625			6802		627		
	4548		628			6175		626		
	3920		1253			5549		1253		
4	13.641	4.547		5005		18.526	6.175		5057	
	6912		625			0335		625		
	6287		626			3713		625		
	5661		1251			3088		1250		
5	18.860	6.287		6256		11.139	3.713		6257	
		24.657					29.266			

F.B. 2408 P.G. 107

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 9:40 TO 10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-7 To BM 51-8
Date 7-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7779	24.657	622	6.256		4864	29.266	625	6257	
	7157		625			4239		624		
	6532		1247			3615		1249		
6	21.468	7.156		7.503		12.718	4.239		7.506	
	7291		625			6182		626		
	6666		627			5556		627		
	6039		1252			4929		1253		
7	19.996	6.665		8.755		16.667	5.555		8.759	
	6208		627			7171		626		
	5581		624			6545		626		SUMMATION OF RUN
	4957		1251			5919		1252		B.M. 51-7 TO B.M. 51-8
8	16.746	5.582		10.006		19.635	6.545		10.011	TOTAL BACKSIGHTS +50.475
	4638		623			8631		627		TOTAL FORESIGHTS -62.925
	4015		624			8004		628		DIFF IN ELEVATION -12.450
	3391		1247			7376		1255		
9	12.044	4.015		11.253		24.011	8.[illegible]		11.266	
	3298		899			10.186		870		
	2399		897			9316		872		B.M. 51-8
	1502		1796			8444		1742		BEVERLY BLVD. & MONTEBELLO BLVD.
10	7.199	2.400		13.049		27.946	9.315		13.008	SEE F.B. 2408-14 FOR DESC.
		50.475					62.925		13.049	
									2.6057	
									= 0.49 m.	

F.B. 2408 P.G. 108

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr 142552
Notes by T. OHASHI Time 1:50 TO 2:20 Rod No. 11E/12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 51-8 To BM 51-7
Date 7-10-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10251		886		#11	3337		885		BM 51-8
	7365		886			2452		882		BEVERLY BLVD. & MONTEBELLO BLVD.
	8479		1772			1570		1767		SEE F.B. 2408-14 FOR DESC.
1	26095	9.365		1.772	83°	7.359	2.453		1.767	
	8189		624			4198		624		
	7565		626			3574		625		
	6537		1250			2949		1249		T. J. MOODY
2	22693	7.564		3.622		10721	3.574		3.016	
	7159		624			6195		626		
	6535		626			5572		624		
	5909		1250			4948		1250		
3	19603	6.534		4.272		16718	5.573		4.265	
	5718		626			6827		626		
	5092		625			6201		624		
	4467		1251			5577		1250		
4	15277	5.092		5.523		18605	6.202		5.916	
	4957		625			7872		623		
	4332		625			7249		622		
	3707		1250			6623		1245		
5	12996	4.332		6.773		21744	7.248		6.765	
		32.887					25.050			

F.B. 2468 P.G. 109

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. Nr 142552
Notes by T. OHASHI Time 1:40 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 51-8 To BM. 51-7
Date 7-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4479	32.887	626	6773		7051	[illegible]	626	6765	
	3853		625			6425		626		
	3228		1251			5799		1252		
6	11.560	3.853		8024		19275	[illegible]		8017	
	6856		625			5229		628		
	6231		624			4601		628		
	5607		1249			3973		1256		
7	18.694	6.231		9273		13.803	[illegible]		9273	SUMMATION OF RUN
	5.838		627			6.578		621		BM. 51-8 TO BM. 51-7
	5.211		628			5.957		624		TOTAL BACKSIGHT + 62.019
	4.583		1.255			5.333		1245		TOTAL FORESIGHT − 49.564
8	15.632	5.211		10.528		17.868	[illegible]		10.518	DIFF IN ELEV. + 12.455
	5802		625			5329		626		
	5177		625			4703		625		
	4552		1250			4078		1251		
9	15531	5.177		11.778		14110	[illegible]		11.769	
	9287		628			3451		621		BM. 51-7
	8659		625			2830		623		BEVERLY BLVD & MAPLE AVE.
	8034		1253			2207		1244		SEE F.B. 2408-13 FOR DESC.
10	25.980	8.660		13.031		8.488	[illegible]		13.013	
		62.019					49.564			

F.B. 2408 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NK142552
Notes by T. OHASHI Time 10:50 TO 11:35 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-8 To BM 51-9
Date 7-10-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5932		464			7109		432		BM 51-8
	5468		463			6677		434		BEVERLY BLVD & MONTEBELLO BLVD.
	5005		927			6243		866		SEE F.B. 2408-14 FOR DESC.
1	16405	5468		927		20029	6676		866	
	4547		626			7868		627		
	3921		623			7241		630		
	3298		1249			6611		1257		↑ J. MOODY
2	11766	3922		2166		21720	7240		2123	
	5008		629			7503		625		
	4379		626			6878		623		
	3753		1255			6255		1248		
3	13140	4380		3421		20636	6879		3371	
	1428		617			6418		635		
	3811		618			5783		635		
	3193		1235			5198		1270		
4	11432	3811		4656		17349	5783		4641	
	5518		626			6782		624		
	4892		625			6158		623		
	4267		1251			5535		1247		
5	14677	4892		5917		18475	6158		5885	
		22473					34736			

F.B. 2408 P.G. 111

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 10:50 TO 11:3[illegible] Rod No. 11 E 12

Name L. A. [illegible] LEVEL NET
Job No. 030102
From B.M. 51-8 To B.M. 51-9
Date 7-10-57
Indexed A. C. Johnson

F.B. 2408 P.G. 11 12

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6546	24.473	625	5947		6404	24.736	625	5.888	
	5921		624			5779		624		
	5297		1249			5155		1249		
6	17764	5.921		7.156		17338			7.137	
	6251		640			6299		622		
	5611		640			5677		621		
	4971		1280			5056		1243		
7	16833	5.611		8.436		17032			8.380	
	5809		625			6516		624		SUMMATION OF RUN
	5184		624			5892		623		B.M. 51-8 TO B.M. 51-9
	4560		1249			5269		1247		TOTAL BACKSIGHTS +58.577
8	15553	5.184		9.685		17677			9.627	TOTAL FORESIGHTS -68.973
	7077		626			5847		627		DIFF IN ELEVATION -9.396
	6451		625			5220		625		
	5826		1251			4595		1252		
9	19354	6.451		10.936		15602			10.879	
	6495		1058			6758		1090		
	5937		1059			5668		1089		B.M. 51-9
	4878		2117			4579		2179		BEVERLY BLVD. & POPLAR AVE.
10	17810	5.937		13.053		17005			13.058	SEE F.B. 2408-15 FOR DESC.
	58.577					68.073			13.053	
									26.111	
									=0.49 mi.	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr 142552
Notes by T. OHASHI Time 11:35 TO 1:40 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-9 To BM 51-8
Date 7-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6181		536			5954		538		BM 51-9
	5645		536			5416		538		BEVERLY BLVD & POPLAR AVE.
	5109		1072			4878		1076		SEE F.B. 2408-15 FOR DESC.
1	16.935	5.645		1.072		16.248	5.416		1.076	
	5677		537			6172		535		
	5140		533			5637		535		T. J. MOODY
	4607		1070			5102		1070		
2	15.424	5.141		2.142		16.911	5.637		2.146	
	5871		626			7.107		628		
	5295		626			6479		624		
	4619		1252			5855		1252		
3	15.735	5.245		3.394		19.441	6.480		3.398	
	6063		626			5743		622		
	5837		624			5121		622		
	5213		1250			4955		1244		
4	17.513	5.838		4.644		15.363	5.121		4.642	
	6331		626			6282		638		
	5705		623			5644		636		
	5082		1249			5008		1274		
5	17.118	5.706		5.893		16.934	5.645		5.916	
		27.575					28.299			

F.B. 2408 P.G. 113

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. No 142 552
Notes by T. O Time 11:35 70 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-9 To BM 51-8
Date 7-10-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6413	27.575	625	5893		6545	22.199	624	5916	
	5788		626			5921		623		
	5162		1251			5298		1247		
6	17363	5.788		7144		17764	5.921		7163	
	6738		623			5483		625		
	6115		622			4858		626		
	5493		1245			4232		1251		
7	18346	6.115		8389		14573	4.858		8414	
	6397		625			4416		624		
	5772		624			3792		625		
	5148		1249			3167		1249		
8	17317	5.772		9638		11375	3.792		9663	
	7588		626			5097		624		
	6962		625			4473		624		
	6337		1251			3849		1248		
9	20887	6.962		10889		13419	4.473		10911	
	7916		625			4591		627		
	7291		628			3964		626		
	6663		1253			3338		1253		
10	21870	7.290		12142		11893	3.964		12164	
		59.502					51.207			

F.B. 2408 P.G. 114

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. N+A 2552
Notes by T. OHASHI Time 11:35 TO 1:40 Rod No. 11 & 12

Name C.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 51-9 To BM 51-8
Date 7-10-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7196	59502	459	12142		5974	51307	441	12164	
	6737		457			5533		442		B.M. 51-8
	6280		916			5091		883		BEVERLY BLVD. & MONTEBELLO BLVD.
11.	20213	6738		13058		16598	5523		13047	SEE F.B. 2408-14 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-9 TO B.M. 51-8
										TOTAL BACKSIGHTS +66.240
										TOTAL FORESIGHTS -56.840
										DIFF IN ELEVATION ⊖ 9.400
										⊕
		66240					56840			F.B. 2408 P.G. 11

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Inst. No Ne 142552
Notes by Time Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 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. 2409 P.G. 116

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT-FOG Inst. No. Nr 142.552
Notes by T. OHASHI Time 8:40 To 9:05 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-9 To BM 51-10
Date 7-12-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5558		649		#11	5721		649		BM. 51-9
	5209		647			5072		652		BEVERLEY BLVD & POPLAR AVE.
	4561		1297		72°	4426		1301		SEE F.B. 2408-15 FOR DESC
1	15.628	5.209		1297		15.213	5.071		1301	
	5887		598			6540		597		✕ J. A. MOODY
	5289		598			5943		594		
	4691		1196			5349		1191		
2	15.867	5.289		2493		17.832	5.944		2.492	
	5218		595			5629		602		
	4623		596			5027		665		
	4027		1191			4422		1207		
3	13.868	4.623		3.684		15.078	5.026		3.699	
	5863		603			6971		600		
	5260		602			6371		600		
	4658		1205			5771		1200		
4	15.781	5.260		4889		19.113	6.371		4.899	
	6142		604			7572		600		
	5538		600			6972		601		
	4938		1204			6371		1201		
5	16.618	5.534		6093		20.915	6.972		6.100	
		25.920					29.384			

F.B. 2405 P.G. 117

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 LIGHT [illegible] Inst. No. Nr 142552
Notes by T. OHASHI Time 8:40 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-9 To BM 51-10
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6829	25.920	604	6093		5695	29.384	596	6100	
	6225		605			5099		597		
	5620		1209			4502		1193		
6	18,674	6.225		7302	84°	15296	[illegible]		7293	
	6109		377			5796		[illegible]		BM 51-10
	5732		376			5501		296		BEVERLY BLVD 100'± W FROM
	5356		753			5205		591		W END OF RIO HONDO BRIDGE
7	17,197	5.732		8055		16502	[illegible]		7884	SEE F.B. 2408-16 FOR DESC
									8055	
									15939	
									=0.30 mi	LIMIT .009
										SUMMATION OF RUN
										B.M. 51-9 TO B.M. 51-10
										TOTAL BACKSIGHTS +37.877
										TOTAL FORESIGHTS -39.984
										DIFF IN ELEVATION -2.107
		37.877					39.984			

F.B. 2408 P.G. 118

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No NR142552
Notes by T. OHASHI Time 1:30 TO 2:00 Rod No #11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-10 To B.M. 51-9
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5635		306		#11	5902		338		B.M. 51-10
	5329		304			5564		339		BEVERLY BLVD. & RIO HONDO RIVER
	5025		676		90°	5225		677		SEE F.B. 2408-16 FOR DESC.
1	15989	5.330		.610		16.691	5.564		677	
	5691		598			6812		603		↑ J. MOODY
	5093		599			6209		600		
	4494		1197			5609		1203		
2	15.278	5.093		1.807		18.630	6.210		1880	
	7523		596			6105		606		
	6927		599			5499		604		
	6328		1195			4895		1210		
3	20.778	6.926		3.002		16.499	5.500		3090	
	6868		614			5732		589		
	6254		613			5143		590		
	5641		1227			4553		1179		
4	18.763	6.254		4.229		15.428	5.143		4269	
	5618		606			5207		592		
	5012		606			4615		594		
	4406		1212			4021		1186		
5	15.036	5.012		5.441		13.843	4.614		5455	
		28.615					27.031			

F.B. 2408 P.G. 119

76P526 S & E #379 1-54

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Chief of Party G. E. DREHER Weather HAZE Inst. No NC 142552
Notes by T. OHASHI Time 1300 TO 2000 Rod No 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-10 To B.M. 51-9
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6435 2 8.615		595	5441		5781 2 1.531		599	5855	
	5800		592			5182		606		
	5248		1187			4582		1199		
6	17.523	5.841		6628		15545 3 1.312			6654	
	5958		653			6099		645		
	5305		653			5454		645		
	4652		1306			4799		1290		B.M. 51-9
7	15.915	5.305		7934		16.332	5.444		7944	BEVERLY BLVD. & POPLAR AVE.
										SEE F.B. 2408-15 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-10 TO B.M. 51-9
										TOTAL BACKSIGHTS + 39.761
										TOTAL FORESIGHTS - 37.657
										DIFF IN ELEVATION + 2.104

F.B. 2408 P.G. 12 & 13

39.761 37.657

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT-FOG Inst. No. NK142552
Notes by T. OHASHI Time 9:10 TO 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-10 To BM 51-11
Date 7-12-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5493		388		#	5207		432		BM. 51-10
	5602		385		11	4865		435		BEVERLY BLVD. 100'± W. FROM
	5217		773			4932		867		WEST END OF RIO HONDO BRIDGE
1	16.859	5.603		.773	84	14.594	4.865		.867	SEE F.B. 2408-16 FOR DESC
	5842		623			7233		590		
	5219		622			6643		590		✓
	4597		1245			6053		1180		⊼ J. MOODY
2	15658	5.219		2.018		19929	6.643		2.047	
	3717		602			9042		597		
	3315		603			8445		596		
	2712		1205			7849		1193		
3	9944	3.315		3.223		25336	8.445		3.240	
	1332		555			11493		542		
	0777		555			10951		543		
	0222		1110			10405		1085		
4	23311	0.777		6.333		32852	10.951		4.325	
	1732		665			9807		641		
	1067		666			9166		640		
	0401		1331			8526		1281		
5	32000	1.067		5.664		27499	9.166		5.606	
		15.981					40.070			

F.B. 2408 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 HAZE Inst. No. N6142552
Notes by T. OHASHI Time 9:10 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-10 To BM 51-11
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5100	15.981	602	5664		7207	[illegible]	602	5606	
	4498		605			6605		602		
	3893		1207			6003		1204		
6	13.491	4.497		6871		19.815	[illegible]		6810	
	6153		591			6239		610		
	5562		589			5629		610		
	4973		1180			5019		1220		
7	16.688	5.563		8051		16.887	[illegible]		8030	SUMMATION OF RUN
	6319		602			5161		598		BM 51-10 TO BM 51-11
	5717		601			4563		596		TOTAL BACKSIGHT + 43.308
	5116		1203			3967		1194		TOTAL FORESIGHT - 65.356
8	17.152	5.717		9254		13.691	[illegible]		9224	DIFF IN ELEV. - 22.048
	6272		596			4931		603		
	5676		598			4328		606		
	5078		1194			3722		1209		
9	17.026	5.675		10448		12.981	[illegible]		10433	
	6603		728			4872		711		BM 51-11
	5875		727			4161		710		BEVERLY BLVD & LEXINGTON RD
	5148		1455			3451		1421		SEE F.B. 2408-17 FOR DESC.
10	17.626	5.875		11903		12.484	[illegible]		11854	
		43.308					65.356		11903	

23757
= 0.45 mi. (old)

F.B. 2408 P.G. 122

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. Nc 142552
Notes by T. OHASHI Time 11:40 TO Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 2801.02
From BM 51-11 To / 51-10
Date 7-12-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4797		716		11	6518		726		BM 51-11
	4081		713			5792		726		BEVERLY BLVD. & LEXINGTON AVE.
	3368		1429			5066		1452		SEE F.B. 2408-17 FOR DESC.
1.	12246	4.082		1429	85	17376	5.792		1452	
	9915		597			6269		604		
	4318		597			5665		606		
	3721		1194			5059		1210		
2.	12954	4.318		2623		16993	5.664		2662	
	5252		596			6410		602		
	4656		598			5808		600		
	4058		1194			5208		1202		
3	13966	4.655		3817		17426	5.809		3864	
	6771		600			6207		600		
	5671		600			5607		602		
	5071		1200			5005		1202		
4.	17013	5.67		5017		16819	5.606		5066	
	7177		611			5053		595		
	6566		608			4458		596		
	5958		1219			3862		1191		
5	19701	6.567		6236		13373	4.458		6257	
		25293					27329			

F.B. 2408 P.G. 17-3

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 HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 11:40 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-11 To BM 51-10
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9627 5.293		600	6.236		1637 [illegible]		606	6.257	
	9027		599			0931		605		
	8428		1199			0226		1211		
6	27.082	9.027		7.435		2.794	0.931		7.468	
	11453		541			1294		555		
	10912		543			0739		555		
	10369		1084			0184		1116		
7	32734	10.911		8.519		2.217	0.739		8.578	SUMMATION OF RUN
	9063		603			3931		596		BM 51-11 TO BM 51-10
	8460		601			3335		597		TOTAL BACKSIGHT + 65.264
	7859		1204			2738		1193		TOTAL FORESIGHT - 43.217
8	25382	8.461		9.723		10.004	3.334		9.771	DIFF IN ELEV. + 22.047
	7331		618			5877		593		
	6713		618			5286		594		
	6095		1236			4692		1187		
9	20139	6.713		10.959		15857	5.286		10.958	
	5273		414			5999		402		BM 51-10
	4859		414			5597		401		BEVERLY BLVD 100± W. OF WEST
	4445		828			5196		803		END OF RIO HONDO BRIDGE
10	14577	4.859		11.787		16792	5.597		11.761	SEE F.B. 2408-16- FOR DESC.
	65.264					43.217				

F.B. 2408 P.G. 124

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Light fog Inst. No NM 142552
Notes by J. MOODY Time 9:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-11 To B.M. 51-12
Date 7-12-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5971		.602		#11	5503		599		B.M. 51-11
	5369		599			4904		601		BEVERLY BLVD. & LEXINGTON RD.
	4770		1201			4303		1200		SEE F.B. 2408-17 FOR DESC.
1	16.110	5.370		1201	84°	14.710	4.903		1200	
	6464		604			6110		603		↑ G.E. DREIER
	5860		602			5507		605		
	5258		1206			4902		1208		
2	17.582	5.861		2407		16.519	5.506		2408	
	6046		605			5602		600		
	5041		604			5002		600		
	4837		1209			4402		1200		
3	16.324	5.441		3616		15.006	5.002		3608	
	6829		592			6316		602		
	6256		591			5714		602		
	5665		1183			5112		1204		
4	18.769	6.256		4799		17.142	5.714		4812	
	6292		603			6029		597		
	5689		605			5432		594		
	5084		1208			4838		1191		
5	17.065	5.688		6007		16.299	5.433		6003	
		28.616					26.558			

F.B. 2408 P.G. 12-5

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT Inst. No Nr. 142552
Notes by J. MOODY Time 10:15 to 11:00 Rod No. 11 & 12

Name L. A. Co.
Job No. 430.02
From B.M. 51-11 To B.M. 51-12
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7212	28.616	599	6007		5939	26.558	541	6003	
	6613		601			5398		540		
	6012		1200			4858		1081		
6	19837	6.612		7207		16195	5.398		7084	
	6279		501			4582		413		
	5778		501			4169		416		
	5277		1002			3753		829		
7	17334	5.778		8209		12504	4.168		7913	
	5632		509			6832		492		
	5123		505			6340		491		
	4618		1014			5849		983		
8	15373	5.124		9223		19021	6.340		8896	
	6717		529			5959		682		
	6188		529			5277		685		
	5659		1058			4592		1367		
9	18564	6.188		10281		15828	5.276		10263	
	5918		606			5419		598		
	5313		601			4821		599		
	4712		1206			4222		1197		
10	15943	5.314		11487		14462	4.822		11460	
	57.632					52.561				

F.B. 2468 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 LIGHT FOG Inst. No NR 142552
Notes by J. MOODY Time 10:15 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-11 To BM 51-12
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5553	57.632	602	11.487		5850	52561	599	11.460	
	4951		603			5251		598		
	4348		1205			4653		1197		
11	14852	4951		12692		15754	5251		12657	SUMMATION OF RUN
	5737		600			6978		605		B.M. 51-11 TO B.M. 51-12
	5137		599			6373		603		TOTAL BACKSIGHTS + 78.744
	4538		1199			5770		1208		TOTAL FORESIGHTS − 75.752
12	15412	5137		13891		19121	6374		13865	DIFF IN ELEVATION + 2.992
	6267		409			6150		400		
	5858		410			5750		400		
	5448		819			5350		800		
13	17573	5858		14710		17250	5750		14665	
	5567		401			6218		402		BM 51-12
	5166		402			5816		403		BEVERLY BL. & DURFEE AVE
	4764		803			5413		805		
14	15497	5166		15513		17447	5816		15470	SEE F.B. 2408-18 FOR DESC.
									15513	
									30983	
									= 0.59 mi. (.013)	
		78.744					75.752			

F.B. 2408 P.G. 127

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No HK 142552
Notes by J. MOORE Time 11:00 to 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 51-12 To BM 51-11
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6197		403		#11	5545		401		BM 51-12
	5794		402			5144		402		BEVERLY BL. & DUFFER AVE
	5392		805'			4742		803'		& INTER.
1	17383'	5.794'		805	81°	15431'	5.144'		803'	SEE FB 2408-18 FOR DESC
	6118		400			6236		410		
	5718		400			5826		410		TO G.E. DREIER
	5318		800'			5416		820'		
2	17154'	5.718'		1605'		17478'	5.826'		1623'	
	6967		605			5727		601		
	6362		604			5126		601		
	5758		1209'			4528		1202'		
3	19087'	6.362'		2814'		15378'	5.126'		2825'	
	5838		597			5545		606		
	5241		600			4939		607		
	4641		1197'			4332		1213'		
4	15720'	5.240'		4011'		14816'	4.939'		4038'	
	5398		598			5899		604		
	4800		598			5295		604		
	4202		1196'			4691		1208'		
F.B. 2408 P.G. 128	14400'	4.800'		5207'		15885'	5.295'		5246'	
	27914'					26330'				

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 HAZE Inst. No NK 142552
Notes by J. Moody Time 11:00 a 11:30 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 51-12 To BM 51-11
Date 7-12-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5805	27.914	606	5207		6718	26.330	666	5246	
	5199		606			6112		602		
	4593		1212			5510		1208		
6	15.597	5.199		6419		18.340	6.113		6454	
	6737		499			5622		500		
	6238		500			5022		499		
	5738		999			4523		999		
7	18.713	6.238		7418		15.067	5.022		7453	
	4530		459			6141		459		
	4071		459			5682		459		
	3612		918			5223		918		
8	12.213	4.071		8336		17.046	5.682		8371	
	5896		538			7172		601		
	5358		539			6571		601		
	4819		1077			5970		1202		
9	16.073	5.358		9413		19.713	6.571		9573	
	6031		594			6296		605		
	5437		598			5691		603		
	4839		1192			5088		1208		
10	16.307	5.436		10605		17.075	5.692		10781	
	54.216					55.410				

F.B. 2408 P.G. 129

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Haze Inst. No. W.C. 145552
Notes by J. Moody Time 11:00 to 11:30 Rod No. 11 & 12

Name L. A. CO. [illegible]
Job No. 0301.02
From BM 51-12 To BM 51-11
Date 7-12-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6312	5.4216	601	10.605		6842	5.5410	592	10.781	
	5711		602			6250		590		
	5109		1203			5660		1182		
11	17.132	5.711		11.808		18.752	6.251		11.963	
	5805		634			6182		570		
	5171		633			5612		570		
	4538		1267			5042		1140		
12	15.514	5.171		13.075		16.836	5.612		13.103	
	5680		602			6029		598		
	5078		604			5431		596		
	4474		1206			4935		1194		
13	15.232	5.077		14.281		16.295	5.432		14.297	
	5527		602			5991		601		
	4925		601			5390		602		B.M. 51-11
	4324		1203			4788		1203		BEVERLY BLVD. & LEXINGTON RD.
14	14.776	4.925		15.484		16.169	[illegible]		15.500	SEE F.B. 2408-17 FOR DESC.
										SUMMATION OF RUN
										B.M. 51-12 TO B.M. 51-11
										TOTAL BACKSIGHTS + 75.100
										TOTAL FORESIGHTS - 78.095
										DIFF IN ELEVATION - 2.995
	75.100					78.095				

F.B. 2408 P.G. 130

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No Nr. 142552
Notes by T OHASHI Time 2:15 TO 2:30 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301, 02
From B.M. 51-12 To B.M. 1-18
Date 7-12-57
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
	6280		647			6904		623		B.M. 51-12
	5633		644			6281		622		BEVERLY BLVD. & DURFEE AVE., E
	4989		1291			5659		1245		SEE F.B. 2408-18 FOR DESC.
1	16902	5634		1291		18844	6281		1295	
	6106		625			6297		628		T G.E. DREIER
	5481		622			5669		625		
	4859		1247			5044		1253		
2	16446	5482		2538		17010	5670		2498	SUMMATION OF RUN
	5574		609			6815		643		B.M. 51-12 TO B.M. 1-18
	4965		612			6172		641		TOTAL BACKSIGHTS + 26.520
	4353		1221			5531		1284		TOTAL FORESIGHTS - 30.894
3	14892	4964		3759		18518	6173		3782	DIFF IN ELEVATION - 4.374
	5787		627			6192		625		
	5160		623			5567		625		
	4537		1250			4942		1250		
4	15484	5161		5069		16701	5567		5032	
	6073		795			7971		768		
	5278		792			7203		769		B.M. 1-18 (FORMERLY BEV. BLVD.
	4486		1587			6434		537		DURFEE AVE & BEVERLY RD.
5	15837	5279		6596		21608	7203		6569	SEE F.B. 1202-23 FOR DESC.
		26520					30894			

F.B. 2408 P.G. 1 & 2

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. N-142552
Notes by T. OHASHI Time 2:30 To 2:5[illegible] Rod No. 11 E 12

Name L.A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 1-18 To BM 51-12
Date 7-12-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8080		778			6162		784		BM 1-18
	7302		778			5378		786		DURFEE AVE & BEVERLY RD
	6524		1556			4592		1570		SEE F.B. 1202-23 FOR DESC.
1	21.906	7.302		1556		16.132	[illegible]		1570	
	6107		627			5703		627		
	5480		623			5076		628		T G.E. DREIER
	4857		1250			4448		1255		
2	16.444	5.481		2806		15.227	[illegible]		2825	SUMMATION OF RUN
	6852		624			5645		626		BM 1-18 to BM 51-12
	6228		627			5019		626		TOTAL BACKSIGHTS +31.100
	5601		1251			4393		1252		" FORE " -26.723
3	18.681	6.227		4057		15.057	[illegible]		4077	DIF IN ELEV. +4.377
	6472		631			6271		620		
	5841		630			5651		620		
	5211		1261			5031		1240		
4	17.524	5.841		5318		16.953	[illegible]		5317	
	6881		632			6232		633		
	6249		633			5599		631		B.M. 51-12
	5616		1265			4968		1264		BEVERLY BLVD & DURFEE AVE
5	18.746	6.249		6583		16.799	[illegible]		6581	SEE F.B. 2408-18 FOR DESC.
F.B. 2408 P.G. 132										
	31.100					26.723				

76P526 S & E #379 1-54

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Chief of Party G.E. DEEIER Weather HAZE Inst. No. Nc142552
Notes by T. OHASHI Time 7:10 TO 2:15 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030107
From BM 51-12 To BM 51-13
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	6432 5738 5046 17216	5739	694 692 1386	1386		6557 5949 5341 17847	5949	608 608 1216	1216	B.M. 51-12. BEVERLY BLVD & DURFEE AVE. SEE F.B 2408-18 FOR DESC.
2	5662 5058 4455 15175	5058	604 603 1207	2593		6702 6111 5519 18332	6111	591 592 1183	2399	J. MOODY
3	5011 4457 3901 13369	4456	554 556 1110	3703		5601 4909 4257 14847	4949	652 652 1304	3703	
4	4991 4385 3775 13151	4384	606 610 1216	4919		5468 4875 4282 14625	4875	593 593 1186	4889	
5	5239 4639 4038 13916	4639	600 601 1201	6120		5819 5217 4616 15652	5217	602 602 1204	6053	
	24.276					27.101				

F.B. 2408 P.G. 133

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No. N-142,562
Notes by T. OHASHI Time 1:10 TO 2:15 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-12 To BM 51-13
Date 7-16-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT: Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT: Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5807	24.276	600	6.120		5738	22.101	593	6.073	
	5207		598			5195		594		
	4609		1198			4551		1187		
6	15623	5.208		7.318		15.934	2.145		7.250	
	8251		653			3776		596		
	7628		605			3180		595		
	7043		1258			2585		1191		
7	27942	7.647		8.526		9.541	3.110		8.471	
	10036		600			2962		598		
	9436		601			2364		597		
	8835		1201			1767		1195		
8	28307	9.436		9.726		7.093	2.364		9.666	SUMMATION OF RUN
	9336		601			4679		603		B.M. 51-12 TO B.M. 51-13
	8735		599			4076		604		TOTAL BACKSIGHTS + 62.131
	8136		1200			3672		1207		TOTAL FORESIGHTS - 46.624
9	26207	8.736		10.927		12.827	4.276		10.873	DIFF IN ELEVATION + 15.507
	7259		431			4993		435		
	6828		431			4558		436		
	6397		862			4122		871		
10	20484	6.828		11.789		13.673	4.558		11.744	B.M. 51-13
		62.131					46.624		11.789	BEVERLY BLVD. & SAN GABRIEL RIVER
									23.739	SEE F.B. 2408-19 FOR DESC.
									= 0.45 MI.	

F.B. 2408 P.G. 134

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr. 142.552
Notes by G.E.DREIER Time 8:40 TO 9:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-13 To B.M. 51-12
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5030		426		#11	7318		441		BM 51-13
	4.604		427			6.877		443		BEVERLY BLVD. & SAN GABRIEL RIVER
	4.177		853			6.434		884		SEE F.B. 2408-19 FOR DESC.
1	3.811	4.604		.853	72°	20.629	6.876		.884	
	5003		605			9458		600		J. MOODY
	4398		606			8.858		599		
	3.792		1211			8.259		1.199		
2	13.193	4.398		2.064		26.575	8.858		2.083	
	3103		598			10179		601		
	2.505		595			9.578		600		
	1.902		1.196			8.978		1201		
3	7.515	2.505		3.260		28.735	9.578		3.284	
	3.759		606			8.215		593		
	3.153		603			7.622		594		
	2.548		1.211			7.028		1.187		
4	9.460	3.153		4.471		22.865	7.622		4.471	
	5622		590			5.699		601		
	5.032		591			5.098		601		
	4.441		1181			4.497		1202		
5	5.095	5.032		5.652		15.294	5.098		5.673	
	19.692					38.032				

F.B. 2408 P.G. 13

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather QUERCANY Inst. No. Nr142552
Notes by G. E. DREIER Time 8:40 TO 9:05 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301,02
From B.M. 51-13 To B.M. 51-12
Date 7-17-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5655	19.692	597	5.652		5088	38.632	609	5.673	
	5058		599			4479		608		
	4.459		1.196			3.871		1.217		
6	15.172	5.057		6.848		13.438	4.479		6.890	
	5498		597			5018		606		
	4.901		598			4.412		605		
	4.303		1.195			3.807		1.211		
7	14.702	4.901		8.043		13.237	4.412		8.101	
	5.576		604			5085		603		SUMMATION OF RUN
	4.972		603			4.482		604		B.M. 51-13 TO B.M. 51-12
	4.369		1.207			3878		1.207		TOTAL BACKSIGHTS + 46.208
8	14.917	4.972		9.250		13.445	4.482		9.308	TOTAL FORESIGHTS - 61.734
	6.641		594			5.601		602		DIFF IN ELEVATION -15,526
	6.047		594			4.999		603		
	5.453		1.188			4.396		1.205		
9	18.141	6.047		10.438		14.996	4.999		10.513	
F.B. 2408 P.G. 13 & 14	6.159		620			5.965		634		
	5.539		620			5.331		637		B.M. 51-12
	4.919		1.240			4.694		1.271		BEVERLY BLVD. & DURFEE AVE
10	16.617	5.539		11.678		15.990	5.330		11.784	SEE F.B. 2408-18 FOR DESC.
	46.208					61.734				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr 142552
Notes by C.E. DREIER Time 9:20 TO 9:45 Rod No. # 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 51-12 To B.M. 51-13
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.951		658		#11	6098		596		B.M. 51-12
	5.293		657			5.502		595		BEVERLY BLVD. & DURFEE AVE
	4.636		1315			4.907		1.191		SEE F.B. 2408-18 FOR DESC.
1	15.880	5.293		1.315	75°	16.507	5.502		1191	
	5.606		597			6.658		600		T J. MOODY
	5.009		596			6.058		600		
	4.413		1.193			5.458		1.200		
2	15.028	5.009		2.508		18.174	6.058		2.391	
	5.099		603			5.589		604		
	4.496		605			4.985		603		
	3.891		1.208			4.382		1.207		
3	13.486	4.495		3.716		14.956	4.985		3.598	
	5.003		605			5.482		595		
	4.398		606			4.887		596		
	3.792		1.211			4.291		1.191		
4	13.193	4.398		4.927		14.660	4.887		4.789	
	5.102		606			5.670		597		
	4.496		608			5.073		596		
	3.888		1.214			4.477		1.193		
5	13.486	4.495		6.141		15.220	5.073		5.982	
	23.690					26.505				

F.B. 2408 P.G. 137

76P526 S & E #379 1-L

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Chief of Party G. E. DREIER Weather QUERCA Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:20 TO 9:45 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-12 To B.M. 51-13
Date 7-17-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.782	23.690	577	6.141		5.758	5.535	616	5.982	
	5.205		575			5.142		617		
	4.630		1.152			4.525		1.233		
6	15.617	5.206		7.293		15.425	5.142		7.215	
	8.283		598			3.815		599		
	7.685		601			3.216		599		
	7.084		1.199			2.617		1.198		
7	23.052	7.684		8.492		9.648	3.216		8.413	SUMMATION OF RUN
	10.117		586			3.073		615		B.M. 51-12 TO B.M. 51-13
	9.531		586			2.458		611		TOTAL BACKSIGHTS + 61.841
	8.945		1.172			1.847		1.226		TOTAL FORESIGHTS - 46.317
8	28.593	9.531		9.664		7.378	2.459		9.639	DIFF IN ELEVATION + 15.524
	9.422		601			4.962		603		
	8.821		602			4.359		603		
	8.219		1.203			3.756		1.206		
9	26.462	8.821		10.867		13.077	4.359		10.845	
	7.348		439			5.063		426		
	6.909		439			4.637		429		BM. 51-13
	6.410		878			4.208		855		BEVERLY BLVD & SAN GAB. RIVER
10	20.727	6.909		11.745		13.908	4.636		11.700	SEE F.B. 2408-19 FOR DESC.
		61.841					46.317			

F.B. 2408 P.G. 13.8

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. DREISS Weather HAZE Inst. No. W 142552
Notes by T. OHASHI Time 2:15 TO 3:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 51-13 To BM 51-14
Date 7-16-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6373		763		#11	5453		774		BM 51-13
	5610		763			4679		774		BEVERLY BLVD. N END OF
	4847		7526			3905		7548		SAN GABRIEL BRIDGE.
1	16830	5.610		1526	85°	14037	4.679		1548	SEE F.B. 2405-19 FOR DESC.
	6239		601			5305		596		
	5638		594			4749		597		T. J. MOODY
	5039		1200			4152		1193		
2	16916	5.639		2.726		14246	4.749		2.741	
	9533		600			1462		599		
	8933		666			0863		601		
	8333		1266			0262		1200		
3	26799	8933		3.926		2557	0.862		3.941	
	11046		607			2606		598		
	10441		604			2008		556		
	9837		1211			1412		1154		
4	31326	10.442		5.137		6026	2.009		5145	F.B. 2408 P.G. 139
	9538		606			3019		601		
	8932		603			2416		597		
	8329		1209			1821		1198		
5	26799	8.933		6.346		9058	3.019		6343	
	39557					15318				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 2:15 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-13 To B.M. 51-14
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.367	39.559	602	6346		6.291	15.318	605	6343	
	6.765		604			5.686		604		
	6.161		1.206			5.082		1.209		
6	20.293	6.764		7552		17.059	5.686		7.552	
	6.427		596			3.251		606		
	5.831		593			2.645		607		
	5.238		1.189			2.038		1.213		
7	17.496	5.832		8.741		7.934	2.645		8.765	
	8.110		443			1.538		453		
	7.667		445			1.085		454		SUMMATION OF RUN
	7.222		888			0.631		907		B.M. 51-13 TO B.M. 51-14
8	22.999	7.666		9.629		3.254	1.085		9.672	TOTAL BACKSIGHTS + 80.064
	10.506		398			1.059		356		TOTAL FORESIGHTS - 30.545
	10.108		396			0.703		357		DIFF IN ELEVATION + 49.519
	9.712		794			0.346		713		
9	30.326	10.109		10.423		2.108	0.703		10.385	
	10.557		424			5.537		429		
	10.133		421			5.108		430		B.M. 51-14 (EL MONTE F-12, 1948)
	9.712		845			4.678		859		BEVERLY BLVD. & PIONEER BLVD.
10	30.402	10.134		11.268		15.323	5.108		11.244	SEE F.B. 2408-20 FOR DESC
		80.064					30.545		11.268	
									22.502	
									=0.43 ml. Limit .011	

F.B. 2408 P.G. 140

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-WIND Inst. No. Nr. 142552
Notes by G.E. DREIER Time 3:15 To 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 51-13
Date 7-16-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.472		425		#11	10.497		425		B.M. 51-14 (EL MONTE F-12, 1948) BEVERLY BLVD. & PIONEER BLVD. SEE F.B. 2408-20 FOR DESC.
	5.047		426			10.072		423		
	4.621		851"			9.649		848"		
1	15.140'	5.047"		.851"	86°	30.218'	10.073"		.848"	
	1.036		363			10.468		391		T. J. MOODY
	0.673		365			10.077		390		
	0.308		728"			9.687		781"		
2	2.017'	0.672"		1.579		30.232'	10.077"		1.629	
	1.628		455			8.193		442		
	1.173		455			7.751		443		
	0.718		910"			7.308		885"		
3	3.519'	1.173"		2.489		23.252'	7.751"		2.514	
	3.283		606			6.458		595		
	2.677		606			5.863		592		
	2.071		1212"			5.271		1187"		
4	8.031'	2.677"		3.701		17.592'	5.864"		3.701	
	6.359		602			7.438		604		
	5.757		602			6.834		602		
	5.155		1204"			6.232		1206"		
5	17.271'	5.757"		4.905		20.504'	6.835"		4.907	
	15.326"					40.600"				

F.B. 2408 P.G. 141

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY - HAZE Inst. No. Nr. 142552
Notes by G. E. DREIER Time 3:15 TO 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 51-13
Date 7-16-52
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
	3.631	1.532	599	4.905		9.552	4.603	604	4.907	
	3.032		600			8.948		604		
	2.432		1.199			8.344		1.208		
6	9.095	3.032		6.104		26.844	8.948		6.115	
	2.712		593			11.165		608		
	2.119		591			10.557		610		
	1.528		1.184			9.947		1.218		
7	6.359	2.120		7.288		31.769	10.596		7.333	
	1.999		599			10.069		600		SUMMATION OF RUN
	1.400		600			9.469		601		B.M. 51-14 TO B.M. 51-13
	0.800		1.199			8.868		1.201		TOTAL BACKSIGHTS + 31.670
8	4.199	1.400		8.487		28.406	9.469		8.534	TOTAL FORESIGHTS - 81.123
	5.431		594			6.328		605		DIF. IN ELEVATION - 49.453
	4.837		595			5.723		602		
	4.242		1.189			5.121		1.207		
9	14.510	4.837		9.676		17.172	5.724		9.741	
	5.723		768			6.652		766		
	4.955		768			5.886		767		B.M. 51-13
	4.187		1.536			5.119		1.533		BEVERLY BLVD. & SAN GABRIEL RIVER
10	14.865	4.955		11.212		17.657	5.886		11.274	SEE F.B. 2408-19 FOR DESC.
		31.670					81.123			

F.B. 2408 P.G. 11-12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No NK142552
Notes by G. E. DREIER Time 9:45 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 51-14 To B.M. 11-129
Date 7-17-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6 837		309		#11	4.365		302		B.M. 51-14 (ELMONTE F-12, 1948)
	6.528		309			4,063		302		BEVERLY BLVD. & PIONEER BLVD
	6.219		618			3.761		.604		SEE F.B. 2108-20 FOR DESC.
1	19.584	6.528		.618	75°	12.189	4.063		.604	
	6449.		625.			4.182		627		T. J. MOODY
	5.824		623			3555		628		
	5.201		1.248			2.927		1.255		
2	17.474	5.825		1.866		10.664	3.555		1.859	
	6,385		620			3.397		626		
	5.765		620			2.771		628		
	5.145		1.240			2.143		1.254		
3	17,295	5.765		3106		8,311	2.770		3,113	
	7.184		623			3 368		626		
	6.555		627			2.742		624		
	5.928		1.250			2.118		1.250		
4	19.661	6.554		4,356		8,228	2.743		4,363	
	8 023		621			5512		640		
	7.402		624			4.872		639		
	6.778		1.245			4233		1.279		
5	22.203	7.401		5.601		14.617	4.872		5,642	
		32.073					18.003			

F.B. 2408 P.G. 1-3

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No NK 142552
Notes by G.E. DREIER Time 9:45 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 11-129
Date 7-17-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.817	32.073	628	5.601		5.471	18003	623	5642	
	5.189		628			4.848		625		
	4.561		1.256			4.223		.245		
6	15.567	5.189		6.857		14.542	4.847		6.890	
	7.227		622			5.595		628		
	6.605		622			4.967		629		
	5.983		1244			4.338		1.257		
7	19.815	6.605		8.101		14.900	4.967		8.147	
	5.750		627			4.818		619		
	5.123		625			4.199		621		
	4.498		1.252			3.578		1.240		
8	15.371	5.124		9.353		12.595	4.198		9.387	
	6.656		630			3.376		621		
	6.026		628			2.755		620		
	5.398		1.258			2.135		1.241		
9	18.080	6.027		10.611		8.265	2.755		10.628	
	8.767		629			4.234		620		
	8.138		627			3.614		621		
	7.511		1256			2.993		1.241		
10	24.416	8.139		11.867		10.541	3.614		11.869	
				63.157					38.384	

F.B. 744 & P.G. 144

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr 142552
Notes by G. E. DREIER Time 9:45 TO 10:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 11-129
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.771	63157	629	11.867		4439	38.384	622	11.869	
	9.142		627			3.817		624		
	1.515		1256			3.193		1.246		
11	27.428	9.143		13.123		11.449	3.816		13.115	
	2.450		735			7.392		700		B.M. 11-129 (WHITTIER F-1, 1948)
	1.715		736			6.692		700		BEVERLY BLVD. & NORWALK BLVD.
	0.979		1.471			5.992		1.400		SEE F.B. 1376-116 FOR DESC.
12	5.144	1.715		14.594		20.076	6.692		14.515	
									14.594	
									29.109	
									=0.55 mi.	
									Limit .012	SUMMATION OF RUN
										B.M. 11-129 TO B.M. 51-14
										TOTAL BACKSIGHTS +74.015
										TOTAL FORESIGHTS -48.892
										DIFF IN ELEVATION +25.123
		74.015					48.892			

F.B. 2408 P.G. 145

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather OVERCAST Inst. No NA142552
Notes by G.E. DREIER Time 10:30 to 11:00 Rod No 11 & 12

Name L.A. CO PRECISE LEVEL NET
Job No. 030102
From B.M. 11-129 To B.M. 51-14
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.591		716			2.616		719		B.M. 11-129 (WHITTIER - 1, 1948)
	6.875		716			1.897		719		BEVERLY BLVD. & NORWALK BLVD.
	6.159		1.432			1.178		1.438		SEE F.B. 1376-116 FOR DESC.
1	20.625	6.875		1.432	75°	5.691	1.897		1.438	
	4.511		626			9.839		628		
	3.885		623			9.211		629		T. J. MOODY
	3.262		1.249			8.582		1.257		
2	11.658	3.886		2.681		27.632	9.211		2.695	
	4.238		620			8.771		630		
	3.618		621			8.141		627		
	2.997		1.241			7.514		1.257		
3	10.853	3.618		3.922		24.426	8.142		3.952	
	3.322		627			6.586		621		
	2.695		628			5.965		620		
	2.067		1.265			5.345		1.241		
4	8.084	2.695		5.177		17.896	5.965		5.173	
	4.812		621			5.739		624		
	4.191		623			5.115		620		
	3.568		1.244			4.491		1.248		
5	12.571	4.190		6.421		15.345	5.115		6.441	
	21.264					30.730				

F.B. 2408 P.G. 146

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. Nr 142552
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. 11-129 To B.M. 51-14
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5659	21.264	626	6.421		7.297	30.330	625	6.441	
	3.033		626			6.672		623		
	4.407		1.252			6.049		1.248		
6	15.099	5.033		7.673		20.018	6.673		7.689	
	6328		626			6.671		629		
	5.702		622			6.042		626		
	5.080		1.248			5.416		1255		
7	17.110	5.703		8.921		18.129	6.043		8.944	
	5.549		638			8062		621		
	4.911		640			7.441		622		
	4.271		1.278			6.819		1243		
8	14.731	4.910		10.199		22.322	7.441		10.187	
	3379		623			7197		629		
	2.756		623			6.568		629		
	2.133		1.246			5.939		1258		
9	8.268	2.756		11.445		19.704	6.568		11.445	
	3416		627			6.405		622		
	2.789		628			5.783		620		
	2161		1.255			5.163		1242		
10	8.366	2.789		12.700		17.351	5.784		12687	
		42.455					62.839			

F.B. 2408 P.G. 147

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather FAIR OVERCAST Inst. No. Nr. 142552
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. 11-129 To B.M. 51-14
Date 2-17-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4,131	42.455	626	12.700		6.398	62 839	625	12.687	
	3.505		627			5.773		623		
	2.878		1253			5.150		1248		
11	10.514	3.505		3.953		17.321	5.774		13.935	
	4.544		302			7.019		311		
	4.242		303			6.708		312		B.M. 51-14 (EL MONTE) 1948
	3.939		605			6.396		623		BEVERLY BLVD. & PIONEER BLVD.
12	12.725	4.242		14.558		20123	6.708		14.548	SEE F.B. 2408-20 FOR DESC
										SUMMATION OF RUN
										B.M. 11-129 TO B.M. 51-14
										TOTAL BACKSIGHTS + 50.202
										TOTAL FORESIGHTS - 75.321
										DIFF IN ELEVATION - 25.119
F.B. 2408 P.G. 148										
	50.202					75.321				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No NK 142552
Notes by G. E. DREIER Time 9:00 TO Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0391.02
From B.M. 51-14 To B.M. 11-128
Date 7-24-51
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
	8.418		624		#11	3.852		626		B.M. 51-14 (EL MONTE F-12, 1948)
	7.794		626			3.226		623		BEVERLY BLVD. & PIONEER
	7.168		1.250			2.603		1249		SEE F.B. 2408-20 FOR DESC.
1	23390	7.793		1.250	70°	9.681	3.227		1.249	
	8.351		626			3.988		627		
	7.725		627			3.361		628		
	7.098		1.253			2.733		1255		
2	23.174	7.725		2.503		10.082	3.361		2.504	J. MOODY
	8.018		625			4.040		625		
	7.393		623			3.415		626		
	6.770		1.248			2.789		1.251		
3	22.181	7.394		3.751		10.244	3.415		3.755	
	7.871		624			4.090		626		
	7.247		625			3.464		627		
	6.622		1.249			2.837		1.253		
4	21.740	7.247		5.000		10.391	3.464		5.008	
	7.921		628			4.529		626		
	7.293		626			3.903		625		
	6.667		1.254			3.278		1.251		
5	21.881	7.294		6.254		11.710	3.903		6.259	
	37.453					17.370				

F.B. 2408 P.G. 19

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 B. E. DREIER Weather HAZE- Inst. No NK142552
Notes by G.E.DREIER Time 9:00 TO Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 11-128
Date 7-24-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.622 37.453		633	6.254		6 101		622	6,259	
	4.989		630			5,479		621		
	4.359		1263			4.858		1243		
6	14.970	4.990		7,517		16.438			7,502	
	5.462		617			6.317		620		
	4.845		618			5,697		620		
	4.227		1235			5,077		1240		
7	14.534	4.845		8,752		17.091	5.697		8,742	
	5792		625			6321		629		
	5.167		624			5,692		629		
	4.543		1.249			5.063		1.258		
8	15.502	5.167		10,001		17,076	5.692		10000	
	5.808		625			6327		628		
	5,183		623			5,699		628		
	4.560		1248			5.071		1256		
9	15.551	5.184		11,249		17.097	5.699		11,256	
	5,707		621			6,399		624		
	5.086		623			5.775		623		
	4.463		1.244			5.152		1.247		
10	15.256	5.085		12,493		17.326	5.775		12.503	
	62,724					45,712				

F.B. 248 P.G. 150

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. NK 142552
Notes by G. E. DREIER Time 9:00 TO 9:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 51-14 To B.M. 11-128
Date 7-24-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.529	62.724	626	12.493		8.865	45.712	618	12.503	
	3.903		625			8.247		616		
	3.278		1.251			7.631		1.234		
11	11.710	3.903		13.744		24.743	8.248		13.737	
	3.084		577			9.713		575		
	2.507		576			9.138		575		
	1.931		1.153			8.563		1.150		
12	7.522	2.507		14.897		27.414	9.138		14.887	
	3.033		475			7.420		489		B.M. 11-128
	2.558		474			6.931		490		WORKMAN MILL RD. & PIONEER BLVD.
	2.084		949			6.441		979		SEE F.B. 1376-115 FOR DESC.
13	7.675	2.558		15.846		20.792	6.931		15.866	
									15.846	
									81.712	
									±0.60	
										SUMMATION OF RUN
										B.M. 51-14 TO B.M. 11-128
										TOTAL BACKSIGHTS +71.692
										TOTAL FORESIGHTS - 70.029
										DIFF IN ELEVATION + 1.663
		71.692					70.029			

F.B. 2408 P.G. 1

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party B. E. METER Weather HAZE - SUN Inst. No Nr. 142552
Notes by T. OHASHI Time 9:35 TO 12:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-128 To B.M. 51-14
Date 7-24-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.452		486		#11	3.683		483		B.M. 11-128
	6.972		480			2.600		483		WORKMAN MILL RD. & PIONEER BLVD.
	6.492		.960			2.117		966		SEE F.B. 1376-115 FOR DESC.
1	20.916	6.972		.960	80°	7.806	2.602		966	
	9698		576			3068		576		
	9122		572			2492		574		T J. MOODY
	8549		1148			1918		1150		
2	27369	9123		2109		7.578	2.526		2116	
	8793		618			4454		626		
	8175		618			3833		626		
	7557		1236			3207		1252		
3	24525	8175		3345		11.494	3.831		3368	
	6375		623			5687		625		
	5752		622			5062		624		
	5130		1245			4435		1249		
4	17257	5752		4590		15.184	5.061		4617	
	6256		628			5711		624		
	5668		629			5153		623		
	5039		1257			4530		1247		
5	17.003	5.668		5817		15.394	5.131		5864	
	35.696					19.171				

F.B. 2410 8 P.G. 1 & 2

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. N+142552
Notes by T. OHASHI Time 7:35 TO 10:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 032007
From BM. 11-128 To BM 51-14
Date 7-24-57
Indexed E. G. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6268	35.690	626	5.847		5745	19.141	627	5.564	
	5642		625			5118		626		
	5017		1251			4492		1253		
6	16927	5.642		7.098		15355	5.118		7.117	
	6259		618			5641		620		
	5641		618			4791		620		
	5023		1236			4171		1240		
7	16923	5.641		5.334		14603	4.867		8.357	
	6140		630			3612		622		
	5510		631			5020		623		
	4879		1261			4357		1245		
8	16529	5.510		9.595		18059	5.020		9.602	
	4555		624			7952		629		
	3931		623			7323		636		
	3306		1247			6693		1259		
9	11794	3.931		10.562		21968	7.323		10.861	
	4024		625			7809		626		
	3399		625			7183		626		
	2774		1250			6557		1252		
10	10197	3.399		12.092		21549	7.183		12.113	
	59813					48576				

F.B. 24408 P.G. 12-13

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather 1142 Inst. No. N-1425.52
Notes by T. OHASHI Time 9:35 To 1 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.52
From BM 11-128 To BM 51-14
Date 7-24-51
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
	4057 59.813		625	12472		8038 4.576		625	12773	
	3432		622			7413		626		
	2816		1247			6787		1251		
11	10299 3433			13359		22238 7.813			13364	SUMMATION OF RUN
	3955		637			8337		616		BM 11-128 TO BM. 51-14
	3318		635			7721		619		TOTAL BACKSIGHT + 69.763
	2723		1272			7102		1235		TOTAL FORESIGHT - 71.437
12	10076 3359			14611		23160 7.813			14599	DIFF IN ELEV. - 1.674
	3753		624			8352		625		
	3129		626			7727		622		B.M. 51-14
	2503		1250			7105		1247		BEVERLY BLVD. & PIONEER
13	9475 3158			15861		23184 7.813			15972	SEE F.B. 2408-20 FOR DESC.

F.B. 2408 P.G. 1 & 4

69.763 71.437

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. N-142552
Notes by T. OHASHI Time 10.45 - 11.15 Rod No. 11.6.12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 11-128 To BM 11-127
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4652		714		#11	10622		729		BM 11-128
	3938		718			9893		725		WORKMAN MILL RD & PIONEER BLVD
	3220		1432			9168		1454		SEE F.B. 1376-115 FOR DESC.
1	11810	3.937		1.432		29685	9.895		1.454	
	2980		502			8997		514		
	2478		506			8183		512		T. G.E. DREIER
	972		1008			7171		1026		
2	7430	2.477		2.440		24351	8.117		2.540	
	2750		502			9087		566		
	2046		504			8581		505		
	1744		1006			8076		1071		
3	6742	2.247		3.445		25744	8.581		3.571	
	2117		506			7411		505		
	1611		509			6905		506		
	1102		1015			6399		1011		
4	4830	1.613		4.461		20715	6.905		4.582	
	4813		634			7162		610		
	4179		637			6692		613		
	3542		1271			6079		1223		
5	12534	4.178		5.732		19473	6.491		5.795	
		14449					40356			

EB 2468 PB 155

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. N-142552
Notes by T. OHASHI Time 1045-11[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-128 To BM 11-127
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5272	14.449	622	5.732		5.941	[illegible]	622	5725	
	4650		624			5.319		621		
	4026		1246			4698		1243		
6	13.948	4.649		6.978		15.959	[illegible]		6.968	
	6197		628			6856		633		
	5569		627			6221		633		
	4942		1255			5588		1266		
7	16.708	5.569		8.233		18.663	[illegible]		8234	
	5223		619			5806		628		
	4604		620			5178		626		
	3984		1239			4552		1254		
8	13.811	4.604		9.472		15.536	5.179		9488	
	5802		621			6307		622		
	5181		622			5685		618		
	4559		1243			5067		1240		
9	15.542	5.181		10.715		17.059	[illegible]		10.728	
	8140		623			3.776		625		
	7517		626			3.151		624		
	6891		1249			2.527		1249		
10.	22.548	7.516		11.964		9.454	[illegible]		11.977	
		41.968					65.012			

F.B. 2408 PG. 156

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

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. N-142552
Notes by T. OHASHI Time 1045-1140 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 11-128 To BM 11-127
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5386	41.968	624	11962		8185	65.612	623	11977	
	4762		622			7562		622		
	4140		1246			6940		1245		
11	14288	4.763		13,210		22687	7.562		13222	
	5174		626			5388		624		
	4548		627			4764		624		
	3921		1253			4140		1248		
12	13643	4.548		14463		14292	4.764		14470	
	6066		619			5753		623		
	5447		620			5130		6[illegible]		
	4827		1239			4503		1250		
13	16340	5.447		15702		15386	5.129		15720	
	565		626			5577		624		
	5025		627			4953		621		
	4398		1253			4332		1245		
14	15074	5.025		16955		14862	4.954		16965	
	5751		630			5210		622		
	5121		630			4588		624		
	4491		1260			3964		1246		
15	15363	5.121		18215		13762	4.587		18211	
		66.872					92.608			

F.B. 2408 P.G. 157

76P526 S & E #379 1-54

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Chief of Party G. E. DREIF Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 1045 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-128 To BM 11-127
Date 8-7-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6264	66.872	626	18215		4976		622	18211	
	5636		627			4354		621		
	5011		1253			3733		1243		
16.	16913	5.638		19468		13063	[illegible]		19454	SUMMATION OF RUN
	6467		623			3631		624		BM 11-128 TO BM 11-127
	5844		621			3007		625		TOTAL BACKSIGHT + 83.829
	5223		1244			2382		1249		TOTAL FORESIGHT −102.310
17.	17534	5.845		20712		9023	[illegible]		20703	DIFF IN ELEV. − 18.481
	6079		626			2968		626		BM 11-127
	5473		622			2342		629		WORKMAN MILL RD. & MISSION MILL RD.
	4881		1248			1713		1255		SEE F.B 1376-114 FOR DESC.
18.	16423	5.474		21960		7023	[illegible]		21958	
									21.960	
									43.918	
									= 0.83 mi	
		83829					[illegible]			

F.B. 2408 P.G. 158

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. N-142.552
Notes by T. OHASHI Time 7:20 - 10:45 Rod No. 11 & 12

L. A. CO PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 11-127 To BM 11-128
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3657		630		#11	6781		621		BM 11-127
	3027		630			6160		619		WORKMAN MILL RD & MISSION MILL RD.
	2397		1260			5541		1240		SEE F.B. 1376-114 FOR DESC.
1	9.081	3.027		1266		18482	6161		1240	
	3093		622			5911		619		
	2457		626			5292		615		T G.E. DREIER
	1831		1252			4677		1234		
2	7.371	2.457		2512		15880	5293		2474	
	5033		615			6330		631		
	4418		619			5699		630		
	3799		1234			5069		1261		
3	13.250	4.417		3746		17098	5699		3735	
	5173		628			5700		621		
	4545		621			5079		621		
	3914		1254			4458		1242		
4	13.632	4.544		5005		15337	5079		4977	
	5618		624			5688		626		
	4994		622			5062		623		
	4370		1246			4439		1249		
5	14.982	4.994		6253		15189	5063		6226	
		19.439					27.295			

F.B. 2408 PG. 152
P.G.
F.B.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. NL142552
Notes by T. OHASHI Time 9:50 - Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 11-127 To BM 11-128
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5647	19.439	626	6253		5963	[illegible]	623	6226	
	5021		623			5340		625		
	4398		1249			4715		1248		
6	15.066	5.022		7502		16.018	[illegible]		7474	
	5394		628			5171		621		
	4766		629			4550		622		
	4137		1257			3928		1243		
7	14297	4766		8759		13.649	[illegible]		8.717	
	7777		627			4973		622		
	7150		629			4351		623		
	6521		1256			3728		1245		
8	21.448	7.149		10.015		13.052	[illegible]		9.962	
	3898		616			8[illegible]		634		
	3282		615			7648		636		
	2667		1231			7012		1270		
9	9847	3.282		11.246		22942	[illegible]		11.232	
	6439		620			5939		623		
	5819		620			5316		624		
	5199		1240			4692		1247		
10	17.457	5.819		12.486		15.947	5.[illegible]16		12.479	
		45.477					54.498			

F.B. 2408 P.G. 160

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

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 9:50 to 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-127 To BM 11-128
Date 8-7-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5346	45.477	628	12.486		4763	54.498	620	12.479	
	4718		627			4143		621		
	4091		1255			3522		1241		
11	14.155	4.718		13.741		12.428	4.143		13.720	
	6778		637			6119		627		
	6141		635			5492		626		
	5506		1272			4866		1253		
12	18.425	6.142		15.013		16.477	5.492		14.973	
	5924		614			5271		631		
	5310		617			4640		631		
	4692		1231			4009		1262		
13	15.927	5.309		16.244		13.920	4.640		16.235	
	7145		623			4835		624		
	6522		623			4211		625		
	5899		1246			3586		1249		
14	19.566	6.522		17.490		12.632	4.211		17.484	
	7417		503			2130		509		
	6914		502			1621		509		
	6412		1005			1112		1018		
15	20.743	6.914		18.495		4.863	1.621		18.502	
		75.082					74.605			

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

F.B. 2408 PG. 16.1

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. NE 142552
Notes by T. OHASHI Time 950- Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 11-127 To BM 11-128
Date 8-2-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8960	75.082	507	18.005		2623	.115	502	18502	
	8453		504			2721		503		
	7949		1011			1618		1005		
16	25362	8454		19506		6362	121		19507	
	8729		513			3510		501		
	8216		514			2509		500		
	7702		1027			2009		1001		
17	24647	8216		20533		7528	2.507		20508	
	10531		720			4561		725		B.M. 11-128
	9818		719			3841		724		WORKMAN MILL ROAD / PIONEER BLVD.
	9099		1439			3127		1449		SEE F.B. 1376-115 FOR DESC.
18	29455	9818		21972		11584	3.861		21957	
F.B. 2408 PG. 162										SUMMATION OF RUN
										B.M. 11-127 TO B.M. 11-128
										TOTAL BACKSIGHTS +101.570
										TOTAL FORESIGHTS -83.096
										DIFF IN ELEVATION +18.474
	101.570					82.796				F.B. P.G.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NI-142552
Notes by J. MOODY Time 11:30 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From BM 11-129 To BM 1-16
Date 7-17-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2239		87		#11	11.797		479		BM 11-129 (WHITTIER F-1, 1948)
	1652		588			11.318		476		BEVERLY BLVD. & NORWALK BLVD.
	1064		1175			10842		955		SEE L.B. 1376-116 FOR DESC.
1	4955	1.652		1.175		23957	11.319		9.55	
	1592		529			11595		592		* G. E. DREIER
	1063		530			11003		591		
	0533		1059			10412		1183		
2	3188	1.063		2.234		33010	11.003		2.138	
	2022		623			9763		612		
	1399		625			9151		612		
	0774		1248			8539		1224		
3	4195	1.398		3.482		27453	9.151		3.362	
	2357		529			9623		577		
	1828		529			9046		578		
	1299		1058			8468		1155		
4	5484	1.828		4.540		27137	9.046		4.517	
	3013		546			9855		552		
	2467		548			9303		552		
	1919		1094			8751		1104		
5	7399	2.466		5.634		27909	9.303		5.621	
		8.407					49.822			

F.B. 2408 P.G. 162

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No W.F. 142552
Notes by J. Maody Time 11:30 to 12 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From BM 11-129 To BM. 1-16
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3164 8407		544	5634		9591	9822	554	5621	
	2620		544			9037		556		
	2076		1088			8481		1110		
6	7.860	2.620		6722		2.109	9.336		6731	
	2851		551			9252		552		
	2300		549			8700		552		
	1751		1100			8148		1104		
7	6.902	2.301		7822		2.610	8.730		7835	
	2849		547			9148		538		
	2302		545			8610		537		
	1757		1092			8073		1075		
8	6.908	2.303		8914		2.831	8.618		8910	
	1731		733			6656		739		+16.630
	0998		731			5917		738		-82.085
	0267		1464			5179		1477		-65.455
9	2.996	0.999		10378		1.775	5.917		10387	
		16.630					8.744			

F.B. 2408 P.G. 164

BM L.A.CO. RD. DEPT.
NORWALK BLVD & U.P.R.R. XING
(EL RANCHO DR)
N.W. COR
BRASS DIS. IN CONC. ABUTMENT

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. NK 14252
Notes by J. MOORE Time 1:00 to 2:10 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 11-129 To BM 1-16
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1236		245	10.378		6449		246	10.387	
	0991		244			6203		246		
	0747		489			5957		492		
10	2974	0.991		10867		18609	6.203		10879	
	2357		555			7251		551		
	1802		552			6700		553		
	1250		1107			6147		1104		
11	5409	1.803		11974		20098	6.699		11983	
	3258		550			8009		546		
	2708		551			7463		545		
	2157		1101			6918		1091		
12	8123	2.708		13075		22390	7.463		13074	
	4006		555			7152		550		
	3451		553			6602		550		
	2898		1108			6052		1100		
13	10355	3.452		14183		19806	6.602		14174	
	3273		557			7981		544		
	2716		557			7437		546		
	2159		1114			6891		1090		
14	8148	2.716		15297		22309	7.436		15264	
		11.670					34.403			

F.B. 2408 P.G. 165

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 HAZE SUN Inst. No. NK-142552
Notes by J. MOODY Time 7:00 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 11-129 To BM 1-16
Date 7-17-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4187	11.670	554	15297		7346		548	15264	
	3633		553			6798		548		
	3080		1107			6250		1096		
15	10900	3.633		16404		20394	6.798		16360	
	3502		552			7097		546		+ 32.136
	2950		551			6551		548		- 66.639
	2399		1103			6003		1094		- 34.503
16	8851	2.950		17507		19651	6.550		17454	
	5022		549			6829		552		
	4473		549			6277		551		
	3924		1098			5726		1103		
17	13419	4.473		18605		18832	6.277		18357	SUMMATION OR RUN
	5382		603			5890		500		DIFF IN ELEV. BM 11-129 TO BM. (L.A. Co. RD. DEPT) - 65.455
	4779		551			5390		499		DIFF IN ELEV. BM. (L.A. Co. RD. DEPT) TO BM. 1-16 - 34.503
	4228		1104			4891		999		DIFF IN ELEV. BM 11-129 TO BM 1-16 - 99.958
18	14339	4.780		19709		16171	5.390		19556	
	5251		621			7922		721		BM. 1-16 (WHITTIER E-2 1948)
	4630		622			7221		702		NORWALK BLVD. & WHITTIER BLVD.
	4008		1243			6519		1403		SEE F.B. 1202-21 FOR DESC.
19	13889	4.630		20952		21662	7.221		20959	
	32.136					60.639				

F.B. 2408 P.G. 166

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr 142552
Notes by J. MOODY Time 9:30 to 10:30 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 1-16 To B.M. 11-129
Date 1-18-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7765		667		#11	5164		655		B.M. 1-16 (WHITTIER E-2, 1948)
	7098		667			4509		658		WHITTIER BLVD. & NORWALK BLVD
	6431		1334			3851		1313		SEE F.B. 1202-21 FOR DESC.
1	21294	7098		1334	75°	13524	4508		1313	
	5879		499			5323		551		
	5380		501			4772		553		T G.E. DREIER
	4879		1000			4219		1104		
2	16138	5379		2334		14314	4771		2417	
	7048		550			5245		549		
	6498		551			4696		552		
	5947		1101			4144		1101		
3	19493	6498		3435		14085	4695		3518	
	7109		564			3524		536		
	6585		564			2988		536		
	6021		1128			2452		1072		
4	19755	6585		4563		8964	2988		4590	
	7898		560			4722		551		
	7338		560			4171		551		
	6778		1120			3620		1102		
5	22014	7338		5683		12513	4171		5692	
	32898					21133				

F.B. 7408 P.G. 167

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREW Weather OVERCAST Inst. No Nr 142552
Notes by J. MOODY Time 9:30 to 10:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-16 To B.M. 11-129
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7899	32.398	542	5683		3193	[illegible]	556	5692	
	7357		546			2637		559		
	6811		1088			2078		1115		
6	22067	7.356		6771		7908	2.636		6807	
	7278		560			4109		545		
	6718		560			3564		545		
	6158		1120			3019		1090		
7	20154	6.718		7891		10692	3.564		7897	
	8022		545			3274		552		
	7477		546			2722		551		
	6931		1091			2171		1103		
8	22430	7.477		8982		8167	2.722		9000	
	7339		557			2429		547		
	6782		559			1882		548		
	6223		1116			1334		1095		
9	20344	6.781		10098		5745	1.882		10095	
	6447		248			1232		242		
	6199		246			0990		243		
	5953		494			0747		485		
10	18599	6.208		10592		2969	0.990		10580	
		67.430					32.927		10592	
									21.172	
									= 0.42' m.	

+ 67.430
- 32.927
+ 34.503

F.B. 2408 P.G. 168

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather OVERCAST Inst. No. 6142552
Notes by J. MOODY Time 9:30 & 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-16 To B.M. 11-129
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				10.592					10580	BM. L.A.CO. RD. DEPT. NORWALK BLVD. & U.P.R.R. X-ING BRASS DIS. IN N.W. ABUTMENT (EL RANCHO DR)
	6659		737			1738		733		
	5922		734			1005		733		
	5188		1471			0272		1466		
11	17769	5.923		12063		3015	1005		12046	
	9042		536			2747		548		
	8506		538			2199		546		
	7968		1074			1653		1094		
12	25516	8.505		13147		6599	2200		13140	
	9252		553			2849		550		
	8699		552			2299		550		
	8147		1105			1749		1100		
13	26098	8.699		14252		6897	2299		14240	
	9510		551			3090		549		
	8959		549			2541		549		
	8410		1100			1992		1098		
14	26879	8.960		15352		7623	2541		15338	
	32087					8045				

F.B. 2408 P.G. 169

76P526 S & E #379 1-54

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Chief of Party E. E. DREIER Weather OVERCAST Inst. No Nr 142552
Notes by J. MOODY Time 9:30 to 10:30 Rod No 11 & 12

Name L. A. CO. SURVEYOR FIELD NO.
Job No. 0301.02
From B.M. 1-16 To B.M. 11-129
Date 7-17-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9928	32.087	556	15.352		3091	2745	554	15.338	
	9372		554			2537		555		
	8818		1110			1982		1109		
15	28118	9373		16462		7610	2537		16447	
	9370		551			2159		556		
	8819		548			1603		554		
	8271		1099			1049		1110		
16	26460	8.820		17561		4811	1.604		17557	
	9858		620			2098		613		SUMMATION OF RUN
	9238		626			1485		614		DIFF. B.M. 1-16 TO RD. B.M. +30503
	8618		1246			0871		1227		" RD. B.M. TO B.M. 11-129 - 65455
17	27714	9.238		18801		4454	1.485		18784	" B.M. 1-16 TO B.M. 11-129 - 30952
	11223		562			1289		558		
	10661		563			0731		557		
	10098		1125			0174		1115		
18	31982	10.661		19926		2194	0.731		19899	+81.607 - 16.152 + 65.455
	11951		523			2283		532		BM 11-129 WHITTIER 4-3, 1948
	11428		524			1751		534		BEVERLY BLVD & NORWALK BLVD
	10904		1047			1217		1066		SEE F.B. 1376-116 FOR DESC.
19	34283	11.428		20973		5251	1.750		20965	
		81.607					16.152			

F.B. 2408 P.G. 170

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No NK142552
Notes by G.E DREIER Time 2:10 TO 3:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.0
From B.M. 1-16 To B.M. 1-15
Date 7-17-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7762		637			5611		618		B.M. 1-16 (WHITTIER E-2, 1948)
	7.125		640			4.993		620		WHITTIER BLVD. & NORWALK BLVD.
	6.485		1.277			4.373		1.238		SEE F.B. 1202-21 FOR DESC.
1	21.372	7.124		1.277		14.977	4.992		1.238	
	6357		625			5.535		617		↑ J. MOODY
	5732		623			4.918		616		
	5.109		1.248			4.302		1.223		
2	17.198	5.733		2.525		14.755	4.918		2.461	
	6.897		624			4.978		621		
	6.273		625			4.357		624		
	5.648		1.249			3.733		1.245		
3	18.818	6.273		3.774		13.068	4.356		3.706	
	7141		620			4890		619		
	6.521		622			4.271		620		
	5899		1.242			3.651		1.239		
4	19.561	6.520		5.016		12.812	4.271		4.945	
	7178		623			4.935		622		
	6.555		626			4.313		621		
	5.929		1.249			3.692		1.243		
5	19.662	6.554		6.265		12.940	4.313		6.188	
		32.204					22.850			

F.B. 2408 PG. 171

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 HAZY SUN Inst. No. Nr. 142552 Name L. A. CO. PRECISE LEVEL NET
Notes by G. E. DREIER Time 2:10 TO Rod No. 11 812 Job No. 0301.02
From B.M. 1-16 To B.M. 1-15
Date 7-12-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thredd Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.249	32.204	618	6265		4.070	[illegible]	624	6.188	
	5.631		617			3.446		625		
	5.014		1.235			2.821		1249		
6	16.894	5.631		7.500		10.337	3.446		7.437	
	7.238		620			4.932		620		
	6.618		620			4.312		619		
	5.998		1.240			3.693		1.239		
7	19.854	6.618		8.740		12.937	4.312		8.676	
	7.233		621			4.805		616		
	6.612		623			4.189		614		
	5.989		1.244			3.575		1230		
8	19.834	6.611		9.984		12.569	4.190		7.906	
	7.221		616			5.587		620		
	6.605		615			4.967		620		
	5.990		1.231			4.347		1240		
9	19.816	6.605		11.215		14.901	4.967		11.146	
	8.120		622			4.727		620		
	7.498		621			4.107		620		
	6.877		1.243			3.487		1.240		
10	22.495	7.498		12.458		12.321	4.107		12.386	
	65.167					43.872				

F.B. 2408 P.G. 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No Nr. 142552
Notes by G. E. DREIER Time 7:10 T.O Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 2301.02
From B.M. 1-16 To B.M. 1-15
Date 7-17-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.083	5.767	340	12.458		4.657	3.872	419	12.386	+70.910
	5.743		340			4.238		418		-48.110
	5.403		680			3.820		837		+22.800
11	17.229	5.743		13.138		12.715	4.238		13.223	
	7.243	70.910	700			4.458	8.115	618	13138	
	6.543		698			3.840		618	26360	T.B.M.
	5.845		1.398			3.222		1.236	=0.5 mi.	WHITTIER BLVD & BROADWAY, N.W.
12	19.631	6.544		14.536		11.520	3.848		14.459	COR. L. & T. IN W. END OF
	7603		608			4.664		632		CURB RETURN
	6.995		612			4.032		633		
	6383		1220			3.399		1.265		
13	20.981	6.994		15.756		12.095	4.032		15.724	
	7073		619			4.407		627		
	6.454		618			3,780		625		
	5836		1.237			3.155		1.252		
14	19.363	6.454		16.993		11.342	3.781		16.976	
	7.507		625			4229		619		
	6.882		622			3.610		619		
	6.260		1.247			2.991		1238		
15	20649	6.883		18240		10.830	3.610		18.214	
		26.875					15.263			

F.B. 2408 P.G. 173

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY Inst. No. 142552
Notes by G. E. DREIER Time 2:10 TO Rod No. 11 & 12

Name L.A. CO
Job No 0301.0
From B.M. 1-16 To B.M. 1-15
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.458	6.875	623	18.240		4.689	4.063	621	18.214	
	6.835		623			4.068		621		
	6.212		1.246			3.007		1.242		
16	20.505	6.835		19.486		12.204	4.068		19.456	
	7.697		621			4.407		645		
	7.076		622			3.762		644		
	6.454		1.243			3.118		1.289		
17	21.227	7.076		20.729		11.287	3.762		20.745	
	7.372		634			4.297		622		
	6.738		635			3.675		623		
	6.103		1.269			3.052		1.245		
18	20.213	6.738		21.998		11.024	3.675		21.990	
	7.295		620			4.112		620		
	6.675		620			3.492		617		
	6.055		1.240			2.875		1.237		
19	20.025	6.675		23.238		10.479	3.493		23227	
	8.297		624			4.037		619		
	7.673		625			3.418		620		
	7.048		1.249			2.798		1.239		
20	23.018	7.673		24.487		10.253	3.418		24.466	
	61.872					33.679				

F.B. 2408 P.G. 174

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No NR 142552
Notes by G. E. DREIER Time 2:10 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NO.
Job No. 0301.02
From B.M. 1-16 To B.M. 1-15
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.677	61.872	624	24.487		4.022	33.679	625	24.466	
	7.053		625			3.397		625		
	6.428		1249			2.772		1.250		
21	21.158	7.053		25.736		10.191	3.397		25.716	
	6.967		528			5605		591		B.M. 1-15 (WHITTIER G-3, 1948)
	6.439		526			5014		592		WHITTIER BLVD & MAGNOLIA AVE.
	5.913		1052			4422		1.183		SEE F.B. 1202- FOR DESC
22	19.319	6.440		26.788		15041	5.014		26.899	
									26.788	
									53.687	
									= 1.02 mi.	
										SUMMATION OF RUN
					DIFF IN ELEVATION B.M. 1-16 TO T.B.M. BROADWAY + 22800					
					" " " T.B.M. BROADWAY TO B.M. 1-15 + 33.275					
					" " " B.M. 1-16 TO B.M. 1-15 56.075					
										+ 75.365
										- 42.090
										+ 33.275
		75365					42.090			

F.B. 2408 P.G. 175

76P526 S & E #379 1-54

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Chief of Party [illegible]EIER Weather HAZE [illegible] Inst. No. Nr. 142552
Notes by G. E. DREIER Time 3:25 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-15 To B.M. 1-16
Date 7-17-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5632		589			[illegible]		529		B.M. 1-15 (WHITTIER G-3, 1948)
	5043		591			6471		[illegible]		WHITTIER BLVD. & MAGNOLIA AVE.
	[illegible]		1180			5942		[illegible]		SEE F.B. 1202 - FOR DESC.
	15127	5.042		[illegible]		[illegible]			1058	
	3.978		626			7.628		620		
	3.352		627			7.008		620		
	2.725		1253			6.388		1240		⊼ J. Moody
2	10.055	3.352		2.433		21.024	7.008		2.298	
	4.051		619			8.312		625		
	3.432		619			7.687		625		
	2.813		1238			7.062		1250		
3	10.296	3.432		3.671		23.061	[illegible]		3548	
	4.007		616			7.193		621		
	3.391		618			6.572		[illegible]		
	2.773		1.234			5.952		1241		
4	10.171	3.390		4.905		19.717	6.572		4.789	
	4.343		626			7.414		632		
	3.717		626			6.782		631		
	3.091		1.252			6.151		1263		
5	11.151	3.717		6.157		20.347	6.782		6.052	
		18.933					34.519			

F.B. 2408 P.G. 176

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. NR 142552
Notes by G. E. DREIER Time 3:25 TO 4:00 Rod No. INVAR

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-15 To B.M. 1-16
Date 7-12-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3862	8.933	625	6,157		7,178	34.519	636	6.052	
	3234		627			6.542		637		
	2,607		1.255			5.905		1.273		
6	9.703	3.234		7,412		19.625	6.542		7,325	
	4.689		621			7.453		624		
	4.068		620			6.829		627		
	3.448		1.241			6.202		1.251		
7	12.205	4.068		8.653		20.484	6.828		8576	
	4421		616			7101		623		
	3,805		617			7,078		623		
	3188		1.233			6.455		1.246		
8	11.414	3.805		9,886		21.234	7,078		9.822	
	4510		605			7228		641		
	3.905		607			6.583		641		
	3.298		1.212			5.942		1.282		
9	11.713	3.904		11.098		19.749	6.583		11.204	
	4738		621			7,699		621		
	4.117		620			7.078		621		
	3.497		1241			6.457		1.242		
10	12.352	4.117		12,339		21.234	7.078		12.446	
		38.061					62.628			

F.B. 2408 P.G. 177

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCA[illegible] Inst. No. Nr 142552
Notes by G. E. Time 8:30 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-15 To B.M. 1-16
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.635	38.061	676	12.339		7.317	[illegible]28	658	12.446	+42020
	3.959		675			6.659		657		-75.287
	3.234		1.351			6.002		1.316		-33.267
11	11.878	3.959		13.690		19.978	6.659		13.761	END. 4:00 P.M. 7-17-57
		42.020					75.287		13.690	
									27.451	T.B.M.
									= .52 Mi (.0124)	WHITTIER BLVD. & BROADWAY
	5111		388			6621		386		
	4723		386			6235		388		
	4337		774			5847		774		
12	14171	4.724		14.464		18703	6.234		14.535	
	4791		622			8182		623		
	4169		621			7559		621		
13	3548		1.243			6938		1244		
	12.508	4.169		15.707		22.679	7.[illegible]60		15.779	
	5.795		624			7.430		617		
14	5.171		620			6.813		616		
	4.551		1244			6.197		1.233		
	15.517	5.172		16.951		20.440	6.[illegible]3		17.012	
		14.065					22.[illegible]7			

F.B. 2408 P.G. 178

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr. 142552
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. 1-15 To B.M. 1-16
Date 7-18-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.913	14.065	616	16.951		7.337	20.607	623	17.012	
	4.297		619			6.714		623		
	3.678		1.235			6.091		1.246		
15	12.888	4.296		18.186		20.142	6.714		18.258	
	5.172		618			7.488		626		
	4.554		619			6.862		624		
	3.935		1.237			6.238		1250		
16	13.661	4.554		19.423		20.588	6.863		19.508	
	4.758		624			6.947		632		
	4.134		624			6.315		633		
	3.510		1.248			5.682		1265		
17	12.402	4.134		20.671		18.944	6.315		20.773	
	4.598		639			7.110		607		
	4.259		640			6.503		605		
	3.619		1.279			5.898		1.212		
18	12.776	4.259		21.950		19.511	6.504		21.985	
	5.002		617			7.255		623		
	4.385		620			6.632		624		
	3.765		1.237			6.008		1.247		
19	13.152	4.384		23.187		19.895	6.632		23.232	
		35.692					53.635			

F.B. 2408 P.G. 179

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No Nr. 142552
Notes by G. E. DREIER Time 8:30 TO 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 230L02
From B.M. 1-15 To B.M. 1-16
Date 7-18-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.939	35.692	620	23.187		6.861	35	623	23.232	
	4.319		620			6.238		625		
	3.699		1240			5.613		1248		
20	12.957	4.319		24427		18.712	6.238		20.480	
	5.635		617			6.452		623		+50.004
	5.018		619			5.829		622		- 72.807
	4.399		1236			5.207		1245		- 22.803
21	15.052	5.017		25.663		17.488	5.829		25.725	
	5.608		632			7.733		626		
	4.976		633			7.107		628		B.M. 1-16 WHITTIER, 1948
	4.343		1265			6.479		1254		WHITTIER BLVD. & NORWALK BLVD
22	14.927	4.976		26.928		21.319	7.106		26.979	SEE F.B. 1202-21 FOR DESC
										SUMMATION OF RUN
										DIFF IN ELEV. BM 1-15 TO TBM. BROADWAY - 33.267
										DIFF IN ELEV TBM BROADWAY TO BM 1-16 - 22.803
										DIFF IN ELEV BM1-15 TO BM 1-16 - 56.070

F.B. 2408 P.G. 180

50.004 70.7

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY & HAZE Inst. No. N-142552
Notes by T. OHASHI Time 10:40 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.07
From B.M. 1-15 To B.M. 1-14 A
Date 7-18-57
Indexed A. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7578		685			5383		623		B.M. 1-15 (WHITTIER G-3, 1948)
	6893		685			4760		622		WHITTIER BLVD. & MAGNOLIA AVE
	6208		1370			4138		1245		SEE F.B. 1202-20 FOR DESC.
1	20.679	6893		1370		14.281	4.760		1245	
	6297		619			5195		625		J. MOODY
	5678		618			4570		625		
	5060		1237			3945		1250		
2	17.035	5678		2607		13.716	4.570		2495	
	6081		603			6340		639		
	5478		604			5701		636		
	4881		1207			5065		1275		
3	16.540	5.485		3814		17.106	5.702		3770	
	5337		625			7820		631		
	4712		625			7189		631		
	4087		1250			6558		1262		
4	10.136	4712		5064		21.567	7.189		5032	
	5639		614			6468		632		
	5025		615			5836		629		
	4410		1229			5207		1261		
5	15.074	5.025		6293		17.511	5.837		6293	
	27.793					28.058				

F.B. 2408 P.G. 181

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY & ... Inst. No. N-142552
Notes by T. OHASHI Time 10:40 TO ... Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-15 To BM 1-144
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5653 2793		621	6293		6087 5758		620	6293	
	5032		622			5468		626		
	4410		1243			4848		1246		
6	15.095	5.032		7536		16.404	5.468		7532	
	5658		620			5597		620		
	5038		620			4977		621		
	4418		1240			4356		1241		
7	15.114	5.038		8776		14.930	4.977		8774	
	6268		620			5229		619		
	5648		620			4610		620		
	5028		1240			3990		1239		
8	16.944	5.648		10016		13.829	4.610		10013	
	6070		623			5117		619		
	5447		624			4498		620		
	4823		1247			3878		1239		
9	16.340	5.447		11263		13.493	4.498		11252	
	6230		622			5208		616		
	5608		619			4592		619		
	4989		1241			3973		1235		
10	16.827	5.609		12504		13.773	4.592		12487	
		54.567					52.200			

F.B. 2408 P.G. 182

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 SUN - HAZE Inst. No. N-142.552
Notes by T. OHASHI Time 10:20 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-15 To BM 1-14A
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6197	5.567	627	12504		5115	52.20	617	12287	
	5570		623			4498		620		
	4947		1250			3878		1237		
11	16.714	5.571		13754		13491	4.497		13724	
	5870		502			5402		501		
	5368		503			4901		501		
	4865		1005			4400		1002		
12	16.103	5.368		14759		14703	4.901		14726	
	6181		623			6953		622		
	5558		623			6331		622		
	4935		1246			5709		1244		
13	16.674	5.558		16005		18993	6.331		15970	
	4463		622			7801		616		
	3841		622			7185		618		
	3219		1244			6567		1234		
14	11.523	3.841		17249		21553	7.184		17204	
	3749		622			7989		619		
	3127		622			7370		619		
	2505		1244			6751		1238		
15	9.381	3.127		18493		22110	7.370		18442	
	78.032					82.485				

F.B. 2408 P.G. 183

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-[illegible] Inst. No. Nr 142552
Notes by T. OHASHI Time 10 40 70 [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-15 To BM 1-14A
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4150	78.032	611	18493		8152	[illegible]	631	18442	
	3539		611			7521		629		
	2928		1222			6892		1260		
16	10.617	3.539		19715		22565	[illegible]		19702	
	5051		623			7258		622		
	4428		622			6636		621		
	3806		1245			6015		1243		
17	13285	4428		20960		19909	[illegible]		20945	
	3958		620			7693		621		
	3338		620			7072		620		
	2718		1240			6452		1241		
18	10.014	3338		22200		21217	[illegible]		22186	
	3047		625			7699		620		
	2422		622			7079		619		
	1800		1247			6460		1239		
19	7.269	2.423		23447		21238	[illegible]		23425	
	5276		498			5858		499		
	4778		500			5359		497		
	4278		998			4862		996		
20	14.332	4777		24445		16079	[illegible]		24421	
		96.537					10.[illegible]			

F.B. 2408 P.G. 184

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. Nk142552
Notes by T. OHASHI Time 10:10 TO 12:00 Rod No. 11 E/2

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 1-15 To BM 1-14A
Date 7-18-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5523	5537	305	24405		4837	4.158	369	24421	BM. 1-14A
	5218		305			4468		370		WHITTER BLVD & WASHINGTON BLVD.
	4913		610			4098		739		SEE F.B 2408-22 FOR DESC
21	15654	5.218		25.055		13403	4.468		25160	
									25.055	
									50.215	
									=0.95m	
										SUMMATION OF RUN
										BM 1-15 TO BM 1-14A
										TOTAL BACKSIGHT -101.755
										TOTAL FORESIGHT -120.62X
										DIFF IN ELEV -18.86
										F.B. 2408 P.G. 185
	101.755					120.62X				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. DREIER Weather SUN-HAZE Inst. No. Nal42552
Notes by T. OHASHI Time 1:25 TO 2:30 Rod No. 11 E 12

Name L. A. CO. SURVEYOR MET
Job No. 0301.62
From BM 1-14A To BM 1-15
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4787		360			5495		319		B.M. 1-14A
	4427		360			5176		320		WHITTER BLVD & PICKERING AVE
	4067		720			4856		639		SEE F.B. 2408-22 FOR DESC
1	13281	4427		720		15527	5176		639	
	5884		496			5311		500		
	5388		496			4811		500		J. MOODY
	4892		992			4311		1000		
2	16164	5388		1712		14433	4811		1639	
	7749		614			3098		629		
	7135		614			2469		627		
	6521		1228			1842		1256		
3	21405	7135		2940		7409	2469		2895	
	7675		618			3993		621		
	7057		621			3328		623		
	6436		1239			2705		1244		
4	21168	7056		4179		9982	3327		4139	
	7146		616			4950		629		
	6530		618			4321		629		
	5912		1234			3692		1258		
5	19588	6529		5413		12963	4321		5397	
		30535					20105			

F.B. 2408 P.G. 186

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 SUN - HAZE Inst. No. NA142552
Notes by T. OHASHI Time 1:25 TO 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-14A To BM 1-15
Date 7-18-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8095 30535		617	5413		4125 23.105		627	5397	
	7478		615			3498		626		
	6863		1232			2872		1253		
6	22436	7.479		6.645		10.495	3498		6656	
	8052		620			3810		623		
	7432		619			3187		625		
	6813		1239			2562		1248		
7	22297	7.432		7.884		9.559	3186		7698	
	7831		618			9.495		620		
	7213		615			3875		621		
	6594		1237			3254		1241		
8	21638	7.213		9.121		11.624	3875		9139	
	7.061		621			6.289		624		
	6.440		620			5.665		625		
	5.820		1241			5.040		1249		
9.	19.321	6.440		10.362		16.994	5.665		10388	
	5032		506			5502		502		
	4532		500			5000		503		
	4032		1006			4497		1005		
10.	13596	4532		11362		14.999	5000		11393	
	63,631					41.329				

F.B. 2405 P.G. 187

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. N-142552
Notes by Time 1:25 PM Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET.
Job No. 030102
From BM 1-14A To BM 1-15
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
	5111	63.631	615	11.362		6188	[illegible]	625	11.393	
	4496		615			5563		625		
	3881		1.230			4938		1.250		
11	13.488	4.496		12.592		16.687	5.[illegible]63		12.643	
	5190		617			6215		620		
	4573		618			5595		620		
	3955		1.235			4975		1.240		
12	13.718	4.573		13.827		16.785	5.[illegible]5		13.883	
	5.037		618			5991		623		
	4.419		617			5368		621		
	3.802		1.235			4747		1.244		
13	13.258	4.419		15.062		16.106	[illegible]		15.127	
	5.232		633			6240		607		
	4.599		632			5643		603		
	3.967		1.265			5040		1.210		
14	13.798	4.599		16.327		16.933	5.[illegible]4		16.337	
	5538		620			5596		620		
	4.918		620			4976		618		
	4.298		1.240			4358		1.238		
15	14.754	4.918		17.567		14.930	[illegible]		17.575	
		86.636					68.[illegible]			

F.B. 2408 P.G. 188

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party C.E. DRELL Weather SUN-HAZE Inst. No. NK142552
Notes by T. OHASHI Time 1:25 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-14A To BM 1-15
Date 7-16-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5838 86.636		616	17567		5411 68,477		620	17575	
	5222		620			4791		621		
	4602		1236			4170		1241		
16	15.662	5.221		18803		14372	4.791		18816	
	6341		636			5515		618		
	5711		628			4897		619		
	5083		1258			4278		1237		
17	17.135	5.712		20061		14690	4.897		20053	
	7791		633			5307		628		
	7158		633			4679		626		
	6525		1266			4053		1254		
18	21474	7.158		21327		14039	4.680		21307	
	6433		621			6210		619		
	5812		620			5591		620		
	5192		1241			4971		1239		
19	17437	5.812		22568		16772	5.591		22546	
	5191		622			6299		620		
	4569		625			5679		618		
	3944		1247			5061		1238		
20	13.704	4.568		23515		17039	5.683		23784	
	115,107					94116				

F.B. 2408 P.G. 189

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN- [illegible] Inst. No. Nr 142552
Notes by T. OHASHI Time 1.25 TO Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 03.01.02
From BM 1-14A To BM 1-15
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5363	115.107	611	23815		7515	[illegible]	694	23782	BM 1-15
	4752		612			6881		693		WHITTER BLVD & MAGNOLIA AVE.
	4140		1223			6188		1387		SEE F.B. 1202-20 FOR DESC.
21.	14255	4.752		25.038		20644	[illegible]		25.171	
										SUMMATION OF RUN
										B.M. 1-14A TO B.M. 1-15
										TOTAL BACKSIGHTS + 119.859
										TOTAL FORESIGHTS - 100.997
										DIFF IN ELEVATION + 18.862
		119.859					100.997			

F.B. 2408 P.G. 190

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. Nk 142552
Notes by T. OHASHI Time 2:10 TO 4:00 Rod No. 11512

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-14A To BM 1-13A
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.805		610			6958		560		BM. 1-14A
	5.195		613			6398		560		WHITTER BLVD & PICKERING AVE.
	4582		1.223			5838		1.120		SEE F.B. 2408-22 FOR DESC.
1	15.582	5.194		1.223		19.194	6.398		1.120	
	4.169		617			7.513		617		* J. MOODY
	3.552		617			6.896		619		
	2.935		1.234			6.277		1.236		
2	10.656	3.552		2.457		20.686	6.895		2.356	
	6.852		603			2.935		637		
	6.249		601			2.298		635		
	5.648		1.204			1660		1.275		
3	18.749	6.250		3.661		6.893	2.298		3.631	
	9.668		619			5707		615		
	9.049		618			5092		615		
	8.431		1.237			4477		1.230		
4	27.148	9.049		4.895		15.276	5.092		4.861	
	7673		615			5091		621		
	7058		616			4470		622		
	6402		1.231			3848		1.243		
5	21.173	7.058		6.129		13.409	4.470		6.104	
	31.103					25.153				

F.B. 2408 P.G. 191

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN-AM Inst. No. NE142552
Notes by T. OHASHI Time 3:10 P Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-14A To BM 1-13A
Date 7-18-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6876	31.103	625	6129		5383	53	615	6104	
	6245		625			4708		615		
	5620		1250			4093		1230		
6	18735	6245		7379		14124	28		7334	
	6537		614			5077		600		
	6223		616			4477		600		
	5607		1230			3877		1200		
7	18667	6222		8609		13431	4477		8134	
	7605		636			5932		616		
	6969		637			5316		617		
	6332		1273			4699		1233		
8	20906	6969		9882		15947	5316		9867	
	8324		619			4820		617		
	7705		620			4203		620		
	7085		1239			3583		1237		
9	23114	7705		11121		12606	4203		11104	
	5957		632			4199		614		
	5325		630			3585		613		
	4695		1262			2972		1227		
10	15977	5326		12383		10756	3585		12231	
		63570					47171			

F.B. 2408 P.G. 192

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN-HAZE Inst. No. Nr 142552
Notes by T. OHASHI Time 3:10 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-14A To BM 1-13A
Date 7-18-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1988	63.570	616	12.383		4.736	4.111	625	12.831	
	7372		619			4.111		627		
	6.753		1.235			3.484		1.252		
11	22.113	7.371		13.618		12.331	4.110		13.583	
	7272		620			5.722		633		
	6652		620			5.089		632		
	6.032		1.240			4.457		1.265		
12	19.956	6.652		14.858		15.268	5.089		14.848	SUMMATION OF RUN
	8138		621			5.298		616		BM 1-14A TO BM 1-13A
	7.517		624			4.682		617		TOTAL BACKSIGHT + 94.680
	6.893		1.245			4.065		1.233	15.981	TOTAL FORESIGHT - 75.073
13	22.545	7.516		16.103		14.045	4.682		16.081	DIFF IN ELEV. + 19.607
	7.137		622			5.162		611		
	6.515		622			4.551		611		
	5.893		1.244			3.940		1.222		
14	19.545	6.515		17.347		13.653	4.551		17.303	F.B. 2408 PG. 193
	3.445		389			9.592		391		BM 1-13A
	3.056		389			9.201		393		1ST ALLEY S. OF WHITTIER BLVD. & PAINTER AVE
	2.667		778			8.808		.784	17.987	SEE F.B. 2408-23 FOR DESC
15	9.168	3.056		18.125		27.601	9.200		18.087	
	94.680					75.073			18.125	
									36.212	
									= 0.69 mi.	
									0.68 N	

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. [illegible] Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 2:30 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-13A To B.M. 1-14A
Date 7-19-57
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9495		393		#11	3343		386		B.M.1-13A
	9102		393			2957		387		1ST ALLEY S. OF WHITTIER BLVD. &
	8709		786			2570		773		PAINTER AVE.
1	27306	9102		786		8873	2957		773	SEE F.B. 2408-23 FOR DESC
	5112		615			7091		623		
	4502		609			6468		621		
	3893		1219			5847		1244		⊼ J. MOODY
2	13507	4502		2005		19406	0469		2017	
	5318		617			8152		621		
	4701		614			7531		624		
	4087		1231			6907		1245		
3	14106	4702		3236		22590	7530		3262	
	5747		635			7289		618		
	5112		635			6671		619		
	4477		1270			6052		1237		
4	15336	5112		4506		20012	6671		4499	
	4817		622			8077		622		
	4195		623			7455		624		
	3572		1245			6831		1246		
5	12584	4195		5751		22363	7454		5745	
		27613					31081			

F.B. 2408 P.G. 194

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 SUNNY Inst. No. N-142,552
Notes by T. OHASHI Time 2:30 TO 3:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-13A To BM 1-14A
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4093	2.613	613	5758		5857	31.081	635	5745	
	3480		612			5222		632		
	2868		1225			4590		1267		
6	10.441	3.480		6975		15669	5.223		7012	
	4840		609			5363		627		
	2231		608			7236		631		
	3623		1217			7105		1258		
7	12.694	4.231		8193		23254	7.735		8270	
	5918		619			7581		632		
	5299		620			6949		634		
	4679		1237			6315		1266		
8	15.897	5.299		9632		20845	6.948		9536	
	5317		624			6726		592		
	4393		625			6134		590		
	3768		1249			5544		1182		
9	13178	4.393		10681		18464	6.155		10718	
	5326		627			6556		615		
	4699		626			6241		614		
	4073		1253			5627		1229		
10	14098	4.699		11934		18724	6.241		11947	
	49715					63362				

F.B. 24108 P.G. 195

76P526 S & E #379 1-54

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Chief of Party G. F. DREIER Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 2:30 [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. C30152
From BM 1-13A To BM 1-14A
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5295	49715	614	11924		7588	63763	623	11947	
	4679		612			7265		624		
	4067		1226			6641		1247		
11	14041	4680		13160		21794	[illegible]		13194	
	5679		608			9650		622		
	5071		612			9028		620		
	4459		1220			8408		1242		
12	15209	5070		14380		27086	[illegible]		14436	
	2958		609			6925		632		
	2349		610			6293		634		+ 75.062
	1739		1219			5659		1266		- 94.649
13	7046	2349		15599		18877	[illegible]		15702	- 19.587
	7511		641			4125		594		
	6870		641			3531		597		
	6229		1282			2934		1191		
14	20610	6870		16881		10590	[illegible]		16893	
	6950		572			5767		597		BM 1-14A
	6378		571			5170		598		WHITTER BLVD & PICKERING AVE
	5807		1143			4572		1195		SEE F.B 2408-22 FOR DESC.
15	19135	6378		18024		15569	[illegible]		18088	
		75.062					9[illegible].019			

F.B. 2408 P.G. 196

76P526 S & E #379 1-54

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Chief of Party G. F. DREIER Weather SLIGHT-OVERCAST Inst. No. N-142,552
Notes by T. OHASHI Time 8:50 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-14A To BM 1-13A
Date 7-22-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5852		575		#11	7077		598		BM 1-14A
	5277		576			6479		596		WHITTER BLVD & PICKERING AVE
	4701		1151		68°	5883		1194		SEE F.B. 2408-22 FOR DESC.
1	15.830	5277		1151		19439	6480		1194	
	4164		617			7509		626		
	3547		617			6889		620		
	2930		1234			6269		1246		
2	10.641	3547		2385		20667	6889		2434	
	7637		639			3650		602		
	6378		639			2948		601		
	5159		1278			1847		1203		
3	19.194	6398		3663		7345	2448		3637	
	9702		623			5772		611		
	9119		620			5161		611		
	8499		1243			4550		1222		
4	27360	9120		4906		15483	5161		4559	
	7882		629			5279		609		
	7253		630			4670		611		
	6623		1259			4059		1220		
5	21.758	7253		6165		14068	4669		6079	
	31.895					25.647				

F.B. 2408 P.G. 197

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. F. DREIER Weather LIGHT-OVER Inst. No. N-142552
Notes by T. OHASHI Time 8:50 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-144 To BM 1-134
Date 7-22-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6881 81595		686	6165		5329	64	614	6079	
	6257		629			4715		616		
	5628		1254			4099		1230		
6.	18772	6257		7424		14143	4		7309	
	6729		589			5021		627		
	6140		589			4394		630		
	5551		1178			3764		1257		
7.	18420	6140		8602		13179	3		8566	
	7053		626			5926		622		
	6949		653			5304		619		
	6296		1279			4685		1241		
8.	20647	6949		9865		15915	5		9807	
	8355		603			4883		638		
	7752		603			4245		627		
	7149		1206			3618		1265		
9.	23256	7752		11075		12736	5		11052	
	6030		634			4265		611		
	5396		635			3654		612		
	4761		1269			3042		1223		
10.	16187	5396		12374		10961	3654		12305	
	64.089					47.958				

F.B. 74-08 P.G. 198

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 SLIGHT-OVERCAST Inst. No. K-142552
Notes by T. OHASHI Time 8.50 TO 10.00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-14A To BM 1-13A
Date 7-22-51
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
	8108 6089		610	12384		4876 1958		635	12305	
	7498		609			4241		637		
	6889		1219			3604		1272		
11	2249 5 7198		13553			2721 5 824		13577		
	7333		624			5781		630		
	6709		626			5151		631		
	6083		1250			4520		1261		
12	2912 5 6708		14813			15452 5 15		14838		SUMMATION OF RUN
	8050		621			5215		619		BM 1-14A TO BM 1-13A
	7429		621			4596		621		TOTAL BACKSIGHT + 95.082
	6808		1242			3975		1240		TOTAL FORESIGHT - 75.483
13	2228 7 7429		16655			13786 4595		16078		DIFF IN ELEV. + 17.599
	7063		605			5118		625		
	6458		607			4493		625		
	5851		1212			3868		1250		
14	1937 2 6457		12267			1247 9 1493		17328		
	3307		406			9421		576		BM 1-13A
	2901		407			7015		773		1ST. ALLEY SO. OF WHITTIER BLVD.
	2494		813		75°	5411		1349		ON PAINTER AVE.
15	8702 2901		18082			21377 9046		18078		SEE F.B. 2408-23 FOR DESC.
	95.082					75483				

F.B. 2408 P.G. 199

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather 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. 2468 P.G. 200

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather overcast Inst. No NE-142552
Notes by J. MOODY Time 8:30 to 9:50 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 1-13A To BM 1-12
Date 7-19-57
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.902		626		#11	4655		625		BM 1-13 A
	11.276		627			4030		627		INTER. of PRINTER & 1st ALLEY
	10.649		1253			3403		1252		5'Ly of WHITTIER BLVD.
1	33827	11.276		1253	72°	12088	4029		1252	SEE F.B. 2408-23 FOR DESC.
	5659		630			4943		620		
	5029		630			4323		620		TG.E. DREIER
	4399		1260			3703		1240		
2	15087	5.029		2513		12969	4.323		2492	
	7214		623			7713		623		
	6591		625			7090		625		
	5966		1248			6465		1248		
3	19771	6.590		3761		21268	7.089		3740	
	6309		626			6919		622		
	5683		625			6297		626		
	5058		1251			5671		1248		
4	17050	5.683		5012		18887	6.296		4988	
	5043		625			7013		622		
	4418		626			6391		623		
	3792		1251			5768		1245		
5	13253	4.418		6263		19172	6.391		6233	
	32996					28128				

F.B. 2408 P.G. 201

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 OVERCAST Inst. No. NY 142552
Notes by J. MOODY Time 8:30 to 9:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-13A To BM 1-12
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5149	32996	620	6263		6889	28128	629	6233	
	4529		620			6260		629		
	3909		1240			5631		1258		
6	13587	4529		7503		18780	6260		7491	
	4881		620			6072		627		
	4261		623			5445		627		
	3638		1243			4818		1254		
7	12780	4260		8746		16335	5445		8745	
	5239		627			6726		629		
	4612		630			6097		627		+56.641
	3982		1257			5470		1256		-57.158
8	13833	4611		10003		18293	6098		10001	-0.517
	5571		621			6422		628		1412
	4950		622			5794		626		1909
	4328		1243			5168		1254		
9	14849	4950		11246		17384	5795		11255	
	5659		364			5800		368		STATE HWY BM. WHITTIER BLVD
	5295		363			5432		369		& MICHIGAN AVE (to N.)
	4932		727			5063		737		S.E. COR., BRASS DISC. IN
10	15886	5295		11973		16295	5432		11972	N.E. COR. of CATCH BASIN
		56641					57158		11973	
									23065	
									0.45 mi	011

F.B. 2408 P.G. 202

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather overcast Inst. No NK 142552
Notes by J. Moody Time 8:30 to 7:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-13A To BM 1-12
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5910		274	11.973'		5754		237	11.992'	
	5636		274			5517		239		
	5362		548'			5278		576'		
11	16908'	5.636'		12521'		16549'	5.516'		13568'	
	6453		626			6439		627		
	5827		627			5812		624		
	5200		1253'			5188		1251'		
12	17480'	5.827'		13774'		17439'	5.813'		13819'	
	7369		626			5319		626		
	6743		625			4693		625		
	6118		1251'			4068		1251'		
13	20230'	6.743'		15025'		14080'	4.693'		15070'	
	6809		631			6231		628		
	6178		630			5603		625		
	5548		1261'			4978		1253'		
14	18535'	6.178'		16286'		16812'	5.604'		16323'	
	7813		635			4609		621		
	7178		637			3988		621		
	6541		1272'			3367		1242'		
15	21532'	7.177'		17558'		11964'	3.988'		17565'	
		31561'					25614'			

F.B. 2408 P.G. 203

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 HAZE Inst. No NK 142552
Notes by J. MOODY Time 8:30 to 7 Rod No. 11 E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-13A To BM 1-12
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thredd Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7144	3.561	625	17558		3598	2.5014	623	17565	
	6519		627			2975		623		
	5892		1252			2352		1246		
16	19555	6.518		18810		8925	2.975		18811	
	7370		627			4192		620		
	6743		626			3572		621		
	6117		1253			2951		1241		
17	20230	6.743		20063		10715	3.572		20652	
	7777		625			3777		625		
	7152		624			3152		623		
	6528		1249			2529		1248		
18	21457	7.152		21312		9458	3.153		21300	
	7179		622			3965		624		
	6557		626			3341		623		
	5931		1248			2718		1247		
19	19667	6.556		22560		10024	3.341		22547	
	8382		620			4927		626		
	7762		620			4301		624		
	7142		1240			3677		1250		
20	23286	7.762		23800		12905	4.302		23797	
		66.292					42.957			

F.B. 2408 P.G. 204

76P526 S & E #379 1-54

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Chief of Party R. E. DREIER Weather HAZE: SUN Inst. No. NK142552
Notes by J. MOODY Time 8:30 to 9:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-13A To BM 1-12
Date 7-19-57
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
.	7284	66.292	366	23.800		6217	42.957	364	23.797	BM 1-12
	6.918		367			5853		362		WHITTER BLVD & OCEAN VIEW AVE.
	6551		733			5491		726		SEE F.B 1202-17 FOR DESC.
21	20.753	6.918		24.533		17561	5.854		24523	
									24.533	
									49.056	
									929 mi	
										SUMMATION OF RUN
										DIFF IN ELEV. FROM BM 1-13A TO BM (STATE HWY) - 0.517
										" " " " BM (STATE HWY) TO BM 1-12 + 24.399
										" " " " BM 1-13A TO BM 1-12 + 23.882
										F.B. 2408 P.G. 20
										- 73.210
										- 49.317
										+ 24.399
	73.210					49.317				

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 SUN Inst. No. Nr 142552
Notes by J. MOODY Time 1:20 70 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 1-12 To BM 1-13A
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6128		363		#11	7196		368		B.M. 1-12
	5765		363			6828		369		WHITTIER BLVD. & OCEAN VIEW AVE
	5402		726			6489		737		SEE F.B. 1202-17 FOR DESC.
1	17.295	5.765		726		20483	6.828		737	
	4908		626			8337		620		
	4282		624			7737		620		⊼ G.E. DREIER
	3658		1250			7117		1240		
2	12.848	4.283		1.976		23.211	[illegible]		1.977	
	4049		623			7258		623		
	3426		627			6635		624		
	2799		1250			6011		1247		
3	10274	3.425		3.226		19904	6.635		3224	
	4533		623			8537		623		
	3910		624			7914		622		
	3286		1247			7292		1245		
4	11.729	3.910		4.473		23.743	7.914		4.469	
	4298		624			7467		625		
	3674		626			6842		625		
	3048		1250			6217		1250		
5	11022	3.674		5.723		20526	6.842		5.719	
		21.057					35956			

F.B. 2408 P.G. 206

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 SUNNY Inst. No Nr. 1142552
Notes by J. Mooay Time 1:20 to 2:30 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-12 To B.M. 1-13A
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3689	21.057	628	5.723		7233	35.956	623	5.719	
	3061		629			6610		621		
	2432		1257			5989		1244		
6	9.182	3.061		6980		19832	6.611		6963	
	1587		628			7771		629		
	3959		629			7112		630		
	3330		1257			6512		1259		
7	11876	3.959		8237		21425	7.142		8222	
	6214		625			6798		634		
	5589		625			6164		633		
	4964		1250			5531		1267		
8	16767	5.589		9487		18493	6.164		9489	
	5329		627			7376		625		
	4702		625			6751		624		
	4077		1252			6127		1249		
9	14108	4.703		10739		20254	6.751		10738	
	6507		629			6521		624		
	5878		626			5897		625		
	5252		1255			5272		1249		
10	17637	5.879		11994		17690	5.897		11987	
		44.248					68.521			

F.B. 2408 P.G. 207

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. NK-14552
Notes by J. MOODY Time 1:20 to 2:30 Rod No. 11 & 12

Name C. A. CO PRECISE LEVEL NET
Job No. 03a1-02
From B.M. 1-12 To B.M. 1-13A
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5642	44.248	230	11.994		5812	68.521	282	11.987	+49.660
	5412		230			5530		282		-74.051
	5182		460			5248		564		-24.391
11	16.236	5412		12454		16.590	5530		12551	
	49.660					74.051				STATE HWY B.M. WHITTIER BLVD & MACHGAN AVE (to N.) S.E. COR. BRASS DISC. IN N.E. CATCH BASIN
	5838		366			5703		366		
	5472		365			5337		367		
	5107		731			4970		733		
12	16.417	5472		13.185		16.010	5337		13.284	
	6094		641			5611		609		
	5853		640			5002		610		
	5213		1281			4392		1219		
13	17.360	5853		14466		15.005	5002		14503	
	6688		628			5211		629		
	6060		627			4582		631		
	5433		1255			3951		1260		
14	18.181	6.060		15721		13744	4.581		15763	
	17.385					14.920				

F.B. 2408 P.G. 208

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No NK 142552
Notes by J. MOORE Time 1:20 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.03
From BM 1-12 To BM 1-13A
Date 7-19-51
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
	6603	17.385	623	15.721		5412	14.920	623	15.763	
	5980		623			4789		625		
	5357		1246			4164		1248		
15	12940	5.980		16967		13651	4.788		17011	
	6980		628			5247		624		
	6352		624			4623		622		
	5728		1252			4001		1246		
16	19060	6.353		18219		13871	4.624		18257	
	7146		624			5177		627		
	6522		624			4550		629		
	5898		1248			3921		1256		
17	19516	6.522		19467		13648	4.549		19513	
	7055		636			6415		612		
	6419		639			5803		610		
	5780		1275			5193		1222		
18	19254	6.418		20742		74111	5.804		20735	
	7859		628			7358		626		
	7231		628			6732		624		
	6603		1256			6108		1250		
19	21693	7.231		21998		20198	6.733		21985	
	49.889					41.418				

F.B. 2408 P.G. 209

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. NK-142552
Notes by J. Moody Time 1:20 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-12 To BM 1-13A
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.067	49.889	628	21.998		5.777	41.778	627	21.985	W. 5.603 +58.070
	4.439		625			5.150		623		E 4.900 - 57.554
	3.814		1253			4.527		1250		4.707 + 0.516
20	13.320	4.440		23251		15.454	5.151		23235	
	1362		620			11610		625		BM 1-13A
	3742		622			10985		624		PAINTER AVE. & 1st ALLEY S. of
	3120		1242			10361		1249		IN WHITTIER BLVD
21	11224	3.741		24493		32956	10.985		24484	SEE F.B. 2408 - 23 FOR DESC.
		58.070					5.154			
										SUMMATION OF ELEV
						DIFF IN ELEV. B.M. 1-12 TO				STATE Hwy B.M. AT MICH. AVE -24.391
						" " " STATE Hwy B.M.				TO B.M. 1-13A +1.938
						" "				B.M. 1-12 TO B.M. 1-13A -22.453

F.B. 2408 P.G. 2-10

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No. NH 142.552
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 11.5.12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 1-12 To B.M. 1-11
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8828		626		#11	3997		624		BM. 1-12
	8.202		624			3.373		622		WHITTER BLVD & OCEAN VIEW AVE.
	7.578		1.250			2.751		1.246		SEE F.B. 1202-17 FOR DESC.
1	24.608	8.203		1.250		10.121	3.374		1.246	
	6.939		626			3771		619		T J. MOODY
	6.313		628			3.152		622		
	5.685		1.254			2.530		1.241		
2	18.937	6.312		2.504		9.453	3.151		2.487	
	8963		625			4.661		624		
	6.338		623			4.037		625		
	5.715		1.248			3.412		1.249		
3	19.016	6.339		3.752		12.110	4.037		3.736	
	5495		623			7092		624		
	4.872		624			6.468		626		
	4.248		1.247			5.842		1.250		
4	14.615	4.872		4.999		19.402	6.467		4.986	
	5457		620			6411		624		
	4.837		620			5.787		624		
	4.217		1.240			5163		1.248		
5	14.511	4.837		6.239		17.361	5.787		6.234	
		30.563					22.816			

F.B. 1208 PG. 211

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN-[illegible] Inst. No. Nr 142552
Notes by G. E. DREIER Time 10:00 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-12 To BM 1-11
Date 7-19-51
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
	5.559	30.563	621	6.239		6.249	[illegible]	627	6.234	
	4.938		621			5.622		624		
	4.317		1.242			4.998		1.251		
6	14.814	4.938		7.481		16.869	5.623		7.485	
	3.818		625			7.218		625		
	3.193		621			6.593		624		
	2.572		1.246			5.969		1.249		
7	9.583	3.194		8.727		19.780	6.593		8.734	
	4.340		619			7.699		626		
	3.721		620			7.073		625		
	3.101		1.239			6.448		1.251		
8	11.162	3.721		9.966		21.220	7.073		9.985	
	4.238		631			8.225		622		
	3.607		632			7.603		622		
	2.975		1.263			6.981		1.244		
9	10.820	3.607		11.229		22.809	7.603		11.229	
	4.344		626			7.152		622		
	3.718		626			6.530		625		
	3.092		1.252			5.905		1.247		
10	11.154	3.718		12.481		19.587	6.529		12.476	
		49.741					56.237			

F.B. 2402 P.G. 212

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 SUN-HAZE Inst. No. N-142.552
Notes by G. E. DREIER Time 10:00 TO 11:00 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.02
From B.M. 1-12 To B.M. 1-11
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.535	49.741	624	12.481		6.153	56.237	625	12.476	
	3.911		623			5.528		625		
	3.288		1.247			4.903		1.250		
11	11.734	3.911		13.728		16.584	5.528		13.726	
	4.758		623			6.329		624		
	4.135		626			5.705		621		
	3.509		1.249			5.084		1.245		
12	12.402	4.134		14.977		17.118	5.706		14.971	
	4.597		582			6.255		587		
	4.015		583			5.668		586		
	3.432		1.165			5.082		1.173		
13	12.044	4.015		16.142		17.005	5.668		16.144	
	4.847		400			5.738		401		
	4.447		401			5.337		402		
	4.046		801			4.935		803		
14	13.340	4.447		16.943		16.010	5.337		16.947	
	6.790		624			4.583		626		
	6.166		625			3.957		629		
	5.541		1.249			3.328		1.255		
15	18.497	6.166		18.192		11.868	3.956		18.202	
	72.414					82.432				

F.B. 2408 P.G. 21-23

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN HAZE Inst. No. Nr142552
Notes by G.E. DREIER Time 10:00 TO 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-12 To BM 1-11
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.513	72.414	624	18.192		4.019	82.432	627	18.202	
	5.889		621			3.392		625		
	5.268		1.245			2.767		1252		
16	17.670	5.890		19.437		10.178	3.393		19.454	
	7.348		623			3.465		626		
	6.725		622			2.839		623		
	6.103		1.245			2.216		1.249		SUMMATION OF RUN
17	20.176	6.725		20.682		8.520	2.840		20.703	B.M. 1-12 TO B.M. 1-11
	7.878		626			3.773		628		TOTAL BACKSIGHTS +106.259
	7.252		629			3.145		628		TOTAL FORESIGHTS -104.119
	6.623		1.255			2.517		1256		DIFF IN ELEVATION + 2.140
18	21.753	7.251		21.937		9.435	3.145		21.959	
	6.917		436			4.382		436		
	6.481		436			3.946		436		
	6.045		872			3.510		872		
19	19.443	6.481		22.809		11.838	3.946		22.831	
	7.944		446			8.815		453		B.M. 1-11
	7.498		446			8.362		450		WHITTIER BLVD & COLIMA RD.
	7.052		892			7.912		903		SEE F.B. 1202-16 FOR DESC
20	22.494	7.498		23.701		25.089	8.363		23.734	
		106.259					104.119		23.701 47.435 = 0.90 mi.	

F.B. 2468 P.G. 214

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN - HAZE Inst. No. NK142552
Notes by T. OHASHI Time 11:00 TO 12:05 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From BM 1-11 To BM 1-12
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.823		450		#11	7957		446		B.M. 1-11
	8.373		452			7.511		446		WHITTIER BLVD. & COLIMA RD.
	7.921		902			7.065		892		SEE F.B. 1202-16 FOR DESC.
1	25.117	8.372		902	80°	22.533	7.511		.892	
	4382		435			6919		436		⊼ J. MOODY
	3947		435			6483		436		
	3512		870			6047		872		
2	11.841	3947		1772		19449	6483		1764	
	3570		623			7698		627		
	2967		626			7071		629		
	2341		1249			6442		1256		
3	8.878	2.959		3021		21.211	7.073		3020	
	3580		622			7428		624		
	2958		623			6804		625		
	2295		1245			6179		1249		
4	8.753	2.918		4266		20411	6804		4269	
	4182		626			6635		622		
	3516		627			6013		626		
	2889		1253			5393		1242		
5	10.547	3.516		5519		18021	6014		5511	
	21.719					33882				

F.B. 2408 P.G. 21

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. No. 142,552
Notes by T. OHASHI Time 11:00 A.M. TO 12:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 1-11 To BM 1-12
Date 7-19-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.058	2.717	625	5.579		7.263		622	5.511	
	4.433		628			6.641		625		
	3.805		1253			6.016		1247		
6	13.296	4.432		6.772		19.920	6.640		6.758	
	5.791		402			4.894		399		
	5.389		400			4.500		400		
	4.989		802			4.106		799		
7	16.169	5.390		7.574		13.409	4.470		7.557	
	6.907		586			4.990		583		
	5.661		584			4.077		586		
	5.077		1170			3.421		1169		
8	16.965	5.662		8.742		12.018	4.006		6.726	
	6.677		621			5.304		622		
	6.297		624			4.657		625		
	5.633		1245			4.052		1247		
9	18.765	6.256		9.989		14.058	4.686		9.973	
	6.131		624			4.513		624		
	5.507		625			3.889		623		
	4.882		1249			3.266		1247		
10	16.520	5.507		11.238		11.668	3.889		11.220	
		48.966					57.603			

F.B. 2408 P.G. 216

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. NA 14255
Notes by T. OHASHI Time 11:00 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 1-12 To BM 1-11
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7676	~~47.346~~ 48.966	623	11238		4867	~~54.221~~ 57.603	628	11220	
	7053		625			6239		625		
	6428		1248			3614		1253		
11	21157	7052	12486			12720	4240	12473		
	8159		620			4174		631		
	7539		622			3543		632		
	6917		1242			2911		1263		
12	22615	7538	13728			10628	3543	13736		
	7637		625			4280		620		
	7012		624			3660		620		
	6388		1249			3040		1240		
13	21037	7012	14977			10980	3660	14976		
	7388		625			3923		623		
	7060		625			3362		623		
	6135		1256			2739		1244		
14	20280	6760	16227			10084	3361	16220		
	6742		624			5557		624		
	5618		623			4933		625		
	4495		1247			4308		1249		
15	16855	5618	17474			14798	4933	17469		
		~~81321~~ 82946					78958 77340			

F.B. 2408 P.G. 27-17

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 11:00 TO 12:05 Rod No. 11812

Name L. A. CO. [illegible] LEVEL NET
Job No. 030102
From B.M. 1-11 To B.M. 1-12
Date 7-19-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6437	~~81328~~ 82.946	625	17.474		5478	~~[illegible]~~ 77.340	619	17.469	
	5812		623			4859		620		
	5189		1.248			4239		1.239		
16	17438	5813		18.722		14576	[illegible]		18.708	
	7130		623			5537		626		
	6507		625			4911		625		
	5882		1.248			4286		1.251		
17	19519	6506		19.970		14734	[illegible]		19.959	
	4743		622			7643		625		
	4121		623			6418		625		
	3498		1.245			5793		1.250		
18	12362	4121		21.215		19254	[illegible]		21.209	SUMMATION OF RUN
	3879		619			7050		627		B.M. 1-11 TO B.M. 1-12
	3260		620			6423		625		TOTAL BACKSIGHT +106.019
	2640		1.239			5798		1.252		TOTAL FORESIGHT -108.154
19	9779	3260		22.454		19271	[illegible]		22.461	DIFF IN ELEV. -2.135
	3997		625			8827		625		B.M. 1-12 2,105
	3372		623			8202		625		WHITTER BLVD & OCEAN VIEW AVE.
	2749		1.248			7577		1.250		SEE F.B. 1202-17 FOR DESC.
20	10118	3373		23.702		24606	[illegible]		23.711	
		~~10[illegible]~~ 106.019					~~10[illegible]~~ 108.154			

F.B. 2408 P.G. 218

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No Nr 142552
Notes by G. E. DREIER Time 1:15 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-11 To B.M. 3-20A
Date 7-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.402		631		#11	5.462		553		B.M. 1-11
	9.771		633			4.909		552		WHITTIER BLVD. & COLIMA RD.
	9.138		1264			4.357		1.105		SEE F.B. 1202-16 FOR DESC.
1	29.311	9.770		1.264	89°	14.728	4.909		1.105	
	6.671		627			5.820		625		
	6.044		625			5.195		623		T J. MOODY
	5.419		1252			4.572		1.248		
2	18.134	6.045		2.516		15.587	5.196		2.353	
	5.978		595			6.738		655		
	5.383		596			6.083		653		
	4.787		1.191			5.430		1.308		
3	16.148	5.383		3.707		18.251	6.084		3.661	
	5.793		626			7.768		625		
	5.167		626			7.143		626		
	4.541		1252			6.517		1.251		
4	15.401	5.167		4.959		21.428	7.143		4.912	
	4.803		613			7.922		637		
	4.190		615			7.285		637		
	3.575		1228			6.648		1.274		
5	12.568	4.189		6.187		21.855	7.285		6.186	
	30.554					30.617				

F.B. 2408 P.G. 219

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE HAZY SUN Inst. No Nr 142552
Notes by G. E. DREIER Time 1:15 TO 2:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 1-11 To B.M. 3-20A
Date 7-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4863	30.554	625	6.187		7371	[illegible].617	626	6.186	
	4238		624			6.745		627		
	3614		1.249			6118		1253		
6	12.715	4.238		7.436		20.234	6.745		7.439	
	5218		628			7967		627		
	4.590		629			7.340		626		
	3.961		1.257			6.714		1.253		
7	13769	4.590		8.693		22.021	7.340		8.692	
	5.115		625			7.945		623		
	4.490		626			7.322		624		
	3.864		1.251			6698		1.247		+48.649
8	13.469	4.490		9.944		21.965	7.322		9.939	-58.599
	5.302		525			7.094		519		-9.950
	4.777		526			6.575		520		
	4.251		1.051			6.055		1039		
9	14.330	4.777		10.995		19.724	6.575		10.978	BM. 3-20B
	5751	48.649	624			6378	58.[illegible]9	629	10.995	WHITTIER BLVD, N. SIDE, E. OF
	5.127		622			5.749		631	21.973 -0.42 mi	SCOTT AVE, W. OF SMALL DRAIN
	4.505		1.246			5.118		1260		CHANNEL, STATE HWY BRASS DISC
10	15383	5.128		12.241		17.245	5.748		12.238	IN S.E. COR OF CATCH BASIN
										SEE F.B. 2408-24

F.B. 2408 P.G. 220

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZY SUN BREEZE Inst. No NR 142552
Notes by G. E. DREIER Time 1:15 TO 2:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-11 To 3-20 A
Date 7-22-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6 813	5.128	625	12.241		6.270	5.748	628	12.238	
	6.188		626			5.642		625		
	5562		1.251			5.017		1.253		
11	18.563	6.188		13.492		16.929	5.643		13.491	
	6.962		626			5.548		626		
	6.336		627			4.922		624		
	5.709		1.253			4.298		1.250		
12	19.007	6.336		14.745		14.768	4.923		14.741	
	7949		624			5.120		628		
	7.325		624			4.492		631		
	6.701		1.248			3.861		1.259		
13	21.975	7.325		15.993		13.473	4.491		16.000	
	7.708		626			4.843		615		
	7.082		629			4.228		613		
	6.453		1.255			3.615		1.228		
14	21.243	7.081		17.248		12.686	4.229		17.228	
	7.771		623			5.120		623		
	7.148		626			4.497		624		
	6.522		1.249			3.873		1.247		
15	21.441	7.147		18.497		13.490	4.497		18.475	
	39.205					29.531				

F.B. 2408 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 BREEZY HAZY SUN Inst. No Nr 142552
Notes by G. E. DREIER Time 1:15 TO 2:15 Rod No 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No 030102
From B.M. 1-11 To B.M. 3-20A
Date 7-22-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.982	39.205	627	18.497		5.135	29.31	622	18.475	
	7.355		629			4.513		619		
	6.726		1.256			3.894		1.241		
16	22.063	7.354		19.753		13.542	4.514		19.716	SUMMATION OF R+N
	7.965		622			3.542		627		DIFF. B.M. 1-11 TO B.M. 3-20B −9.950
	7.343		625			2.915		626		" B.M. 3-20B TO B.M. 3-20A +25.246
	6.718		1.247			2.289		1.253		" B.M. 1-11 TO B.M. 3-20A +15.296
17	22.026	7.342		21.000		8.746	2.915		20.969	
	8.569		624			3.690		630		
	7.945		623			3.060		628		
	7.322		1.247			2.432		1.258		
18	23.536	7.945		22.247		9.182	3.061		22.227	
	8.003		644			4.589		651		
	7.359		644			3.938		650		
	6.715		1.285			3.288		1.301		
19	22.077	7.359		23.535		11.815	3.938		23.528	
		69.205					43.959			

+69.205
−43.959
+25.246

B.M. 3-20A
WHITTIER BLVD. & SANTA GERTRUDES AVE. & RUSSEL ST. N.W. COR.
STATE HWY BRASS DISC IN S.E. COR OF CATCH BASIN
SEE F.B. 2408-24

F.B. 2408 P.G. 222

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 BREEZE HAZY SUN Inst. No Nr. 142552
Notes by T. OHASHI Time 2:15 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 3-20A To B.M. 1-11
Date 7-22-57
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
	4.605		650		#11	8.025		646		B.M. 3-20A
	3.955		652			7.379		643		WHITTIER BLVD. & SANTA GERTUDES
	3.303		1302			6.736		1289		AVE & RUSSEL ST., N.W. COR.,
1	11.863	3.954		1302	90°	22.140	7.380		1,289	STATE Hwy BRASS DISC IN S.E.
	3.671		629			8.550		622		COR. OF CATCH BASIN
	3.042		628			7.928		625		SEE F.B. 2408-24
	2.414		1257			7.303		1247		
2	9.127	3.042		2,559		23.781	7.927		2,536	
	3619		624			8048		625		↑ J. MOODY
	2995		626			7423		625		
	2369		1250			6798		1250		
3	8.983	2.994		3,809		22269	7.423		3786	
	5218		623			8062		624		
	4595		623			7438		629		
	3972		1246			6809		1253		
4	13.785	4.595		5,055		22309	7436		5039	
	5050		620			7709		627		
	4430		622			7082		626		
	3808		1242			6456		1253		
5	13288	4.429		6,297		21247	7082		6292	
	19.014					37.248				

F.B. 2408 P.G. 22-23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. Nr 142552
Notes by T. OHASHI Time 2:15 TO 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 3-20A To BM 1-11
Date 7-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4737	19.014	615	6297		7601	[illegible]	626	6292	
	4122		614			6975		628		
	3508		1229			6347		1254		
6	12.367	4.122		7526		20923	[illegible]		7546	
	5068		628			7598		622		
	4440		628			7276		624		
	3812		1256			6652		1246		
7	13.320	4.440		8782		21.826	[illegible]		8792	
	5482		624			6896		625		
	4858		625			6271		623		
	4233		1249			5648		1248		
8	14.573	4.858		10031		18.815	6.272		10.040	+ 43.842
	6262		625			6807		629		− 69.093
	5637		625			6178		627		−25.251
	5012		1250			5551		1256		
9	16.911	5.637		11281		18.536	[illegible]		11296	B.M. 3-20B.
	6397		626			5772		627		WHITTIER BLVD, N. SIDE, E. OF
	5771		626			5145		627		SCOTT AVE., BRASS DISC IN SE
	5145		1252			4518		1254		COR. OF CATCH BASIN, W. OF SMALL
10	17.313	5.771		12533		15.435	[illegible]		12.550	DRAIN CHANNEL
		43.842					69.093		12.533	SEE F.B. 2408-24
									25.083	
									= 0.48 mi.	

F.B. 2408 P.G. 224

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. Kr 142552
Notes by T. OHASHI Time 2:15 TO 3:15 Rod No. 11 E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. C30102
From BM 3-20A To BM 1-11
Date 7-22-57
Indexed [redacted]

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7078		526	12533		5277		519	12550	
	6552		524			4758		520		
	6028		1050			4238		1039		
11	19658	6553		13583		14273	4758		13589	
	7906		622			5073		626		
	7278		624			4447		626		
	6654		1246			3821		1252		
12	21532	7277		14829		13341	4447		14801	
	7848		627			5102		627		
	7221		626			4475		627		
	6595		1253			3848		1254		
13	21664	7221		16082		13425	4475		16095	
	7302		625			9797		625		
	6677		629			4172		623		
	6048		1254			3549		1248		
14	20027	6676		17336		12518	4173		17343	
	7952		622			9565		628		
	7330		623			4237		628		
	6707		1245			3609		1256		
15	21989	7330		18581		12711	4237	6	18559	
	35,057					22,090				

F.B. 2408 P.G. 22-25

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 SUNNY Inst. No. NV142552
Notes by T. OHASHI Time 2:45 TO 3:[illegible] Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 030102
From BM. 3-20A To BM. 1-11
Date 7-22-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7778	35.057	623	18581		5508	[illegible]90	627	18598	
	7155		626			5181		626		
	6529		1249			4555		1253		
16	21462	7154		19830		15544	[illegible]		19852	
	6707		628			6004		625		
	6079		627			5302		623		
	5452		1255			4759		1248		
17	18238	6079		21085		16148	[illegible]3		21100	
	6399		628			7248		627		+59.093
	5771		628			6621		624		-49.167
	5143		1256			5997		1251		+9.926
18	17313	5771		22341		19866	6622		22351	
	5626		595			10482		596		BM. 1-11
	5031		592			9892		593		COLIMA RD & WHITTER BLVD
	4439		1187			9299		1123		SEE F.B. 1202-16 FOR DESC.
19	15096	5032		23528		29673	[illegible]		23534	
		59.093					49.167			SUMMATION OF RUN
						DIFF IN ELEV.				B.M. 3-20A TO B.M. 3-20B -25.251
						" "				B.M. 3-20B TO B.M. 1-11 +9.926

F.B. 2408 P.G. 226

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. N-142552
Notes by T. OHASHI Time 9:05 TO 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 3-20B To B.M. 1-11
Date 7-23-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7128		527		#11	5323		517		B.M. 3-20B (STATE Hwy B.M.)
	6601		525			4806		518		WHITTIER BLVD., N. SIDE, E. OF
	6076		1052			4288		1035		SCOTT AVE., W. OF SMALL DRAIN
1.	19805	6602		1.052	72°	14175	4806		1.035	CHANNEL, BRASS DISC IN
	7799		622			4771		627		S.E. COR OF CATCH BASIN
	7177		625			4344		627		SEE F.B. 2408-24
	6552		1247			3717		1254		
2.	21528	7176		2.299		13832	4344		2.259	
	7326		628			5057		627		
	7-05		628			4429		628		
	6550		1256			3832		1255		
3.	21624	7208		3.555		13378	4460		3.544	
	7212		627			4789		627		
	7-- 5		627			4162		626		
	6035		1254			3536		1253		
4.	19995	6665		4.809		12487	4162		4.797	
	7851		626			4758		627		
	7227		626			4131		627		
	5994		1252			3504		1254		
5.	21772	7226		6.061		12393	4131		6.051	
	34877					21903				

F.B. 2401 P.G. 22-27

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 SUNNY Inst. No. N-142552
Notes by T. OHASHI Time 9:05 TO 10:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 3-20B To BM 1-11
Date 7-23-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7731	34.877	625	6061		5758	[illegible]	627	6051	
	7106		626			[illegible]		626		
	6480		1251			4505		1253		
6	21317	7106		7312		15394	[illegible]		7304	SUMMATION OF RUN
	6679		628			[illegible]		625		BM 3-20B TO BM 1-11
	6051		626			5354		624		TOTAL BACKSIGHT + 58.850
	5425		1252			4730		1249		TOTAL FORESIGHT − 48.915
7.	18155	6052		8566		16063	[illegible]		8553	DIFF IN ELEV. + 9.935
	6355		630			7203		625		
	5725		627			[illegible]		625		
	5098		1257			5953		1250		
8.	17178	5726		9823		19734	[illegible]		9803	
	5681		592			10541		592		BM 1-11
	5089		593			[illegible]		591		COLIMA RD & WHITTER BLVD
	4496		1185			9356		1183		SEE F.B. 1202-16 FOR DESC
9.	15266	5089		11008		[illegible]	[illegible]		10986	
		58.850					48.915			

F.B. 2408 P.G. 228

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES BEYOND THIS LINE OF LINE

Chief of Party R. E. DREIER Weather SUNNY Inst. No. NV142.552
Notes by T. OHASHI Time 10:30 To 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET.
Job No. 0301.02
From BM 1-11 To BM. 3-208
Date 7-23-57
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10556		592			5691		577		BM 1-11
	9964		590			5105		590		COLIMA RD & WHITTER BLVD.
	9373		1182			4515		1167		SEE F.B. 1202-16 FOR DESC.
1	78891	9964		1182		153 75106			1182	
	7237		627			6315		626		
	6610		627			5759		626		
	5983		1254			5133		1252		J. MOODY
2.	19830	6610		2436		17277	5759		2434	
	5969		626			6666		628		
	5342		625			6038		626		
	4717		1251			5412		1254		
3.	16027	5342		3687		18116	6037		3688	
	5775		626			7748		625		
	5149		627			7123		624		
	4522		1253			6499		1249		
4.	15446	5149		4440		21370	7123		4937	
	4763		628			7852		624		
	4135		630			7228		625		
	3505		1258			6603		1249		
5.	12407	4134		6198		21683	7228		6186	
		31.199					31.255			

F.B. 2408 P.G. 229

7[illegible] #379 1-54

[illegible]

Date [illegible]

Indexed A. C. Johnson

Number of Station	Thread Readings	Mean	Thread Intervals	Sum of Intervals	Rod and Temp.	Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4858	31.199	624	6198		7364	[illegible]	626	6186	
	4234		626			6738		626		
	3608		1250			6112		1252		
6	12700	4233		7448		20214	[illegible]		7438	SUMMATION OF RUN
	5123		625			7874		627		BM 1-11 TO BM 3-20B
	4498		625			7245		627		TOTAL BACKSIGHT + 49.051
	3873		1250			6618		1256		TOTAL FORESIGHT - 58.989
7	13494	4498		8698		21737	[illegible]		8694	DIFF IN ELEV. - 9.938
	5059		626			7587		623		
	4433		627			7264		623		
	3806		1253			6641		1246		
8	13298	4433		99[illegible]		21792	[illegible]		[illegible]	
	5209		520			7[illegible]		524		BM 3-20B (STATE HWY B.M.)
	4689		522			64[illegible]		524		WHITTIER BLVD. & SCOTT AVE.
	4167		1042			5[illegible]		1242		SEE F.B. 2408-24 FOR DESC.
9	14065	4[illegible]		10[illegible]		19[illegible]	[illegible]		109[illegible]	
		49.051					5[illegible]			

F.B. 2408 P.G. 230