F.B. 2400 Pg. 5

Notes Ck'd by
Map No.
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Survey of L.A. Co. PRECISE LEVEL NET
W.O. P30102 Tape No. St'd. °F
Surveyed by G.E. DREIER
Notes Date JAN. '56
Indexed A. C. Johnson 2-7-86

JOB NO. 030102

L.A. Co. PRECISE LEVEL NET

LINE NO. 50

RENSHAW BLVD. FROM PALOS VERDES DR. NORTH TO PALOS VERDES DR. SOUTH

DREIER
MOODY
SONNENSCHEIN
RODRIGUEZ, R.J.
MELENDEZ

Microfilmed April 86

F.B. 2400 Pg. 6

B.M.	F.B.	1953 ADJ. ELEV.	
50-1	2400-7	472.000 ✓	Not Recovered [illegible]/65
50-2	-8	623.103 ✓	" "
50-3	-9	783.161 ✓	" "
50-4	-10	887.961 ✓	Reported Destroyed [illegible]
50-5	-11	955. 112 ✓	Not Recovered 5/[illegible]/65
50-6	-12	1043.552 ✓	" " 5/21/65
50-7	-13	1201.398 ✓	
50-8	-14	1182.108 ✓	
50-9	-15	999.347 ✓	
50-10	-16	858.091 ✓	
50-11	-17	647.509 ✓	
50-12	-18	350.593 ✓	

T.B.M.#	F.B.		
1	F.B. 2400-7	446.361 ✓	— 50-1A
2	-8	541.495 ✓	Not Recovered 5/20/65
3	-9	840.848 ✓	" " "
4	-10	871.205 ✓	" " "
5	-10	884.578 ✓	" " "
6	-11	955.[illegible]45 ✓	" " "
7	-12	1002.608 ✓	" " 5/21/65
8	-13	1146.339 ✓	" " "
9	-13	1158.894 ✓	
10	-15	1095.873 ✓	Not Recovered 4/10/70 (GRD)
11	-15	947.250 ✓	
12	-17	777.166 ✓	
13	-17	675.867 ✓	
14	-17	532.026 ✓	
15	-18	202.701 ✓	

Reported destroyed by construction (Grd) [illegible] 10/1/65

Note: Elevations shown here-in (Pgs 6 - 18) were published as being a 1956 Adjustment in original publication of leveling results of Line 50. Cards therefore also show adjustment date of 1956 for above BMs.

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724 LOS ANGELES COUNTY
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Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	W. O. 0301.02 Tape No. St'd. °F
Office Work	Surveyed by G. [illegible]REIER
Checked	Notes G.E. DREIER Date 1-3-56
Date	Indexed [illegible] C. Johnson

F.B. 2400 PG. 7

Not Recovered 20 May 65 see F.B. 3704-9 Pot. BM 50-1B F.E.B.

B.M. 50-1

CRENSHAW BLVD, 0.34 MILE SOUTH WEST OF PALOS VERDES DRIVE NORTH, A STD. CO. MON. STAMPED "B.M. 50-1 1956 R.E. 5869" 2 INCHES ABOVE GROUND IN 12" CONC POST 1.5 FT. FROM S'LY R/W LINE, 3.7 FT N.W.LY FROM POWER POLE #1036840E

1953 ADJ= ELEV. 472.000

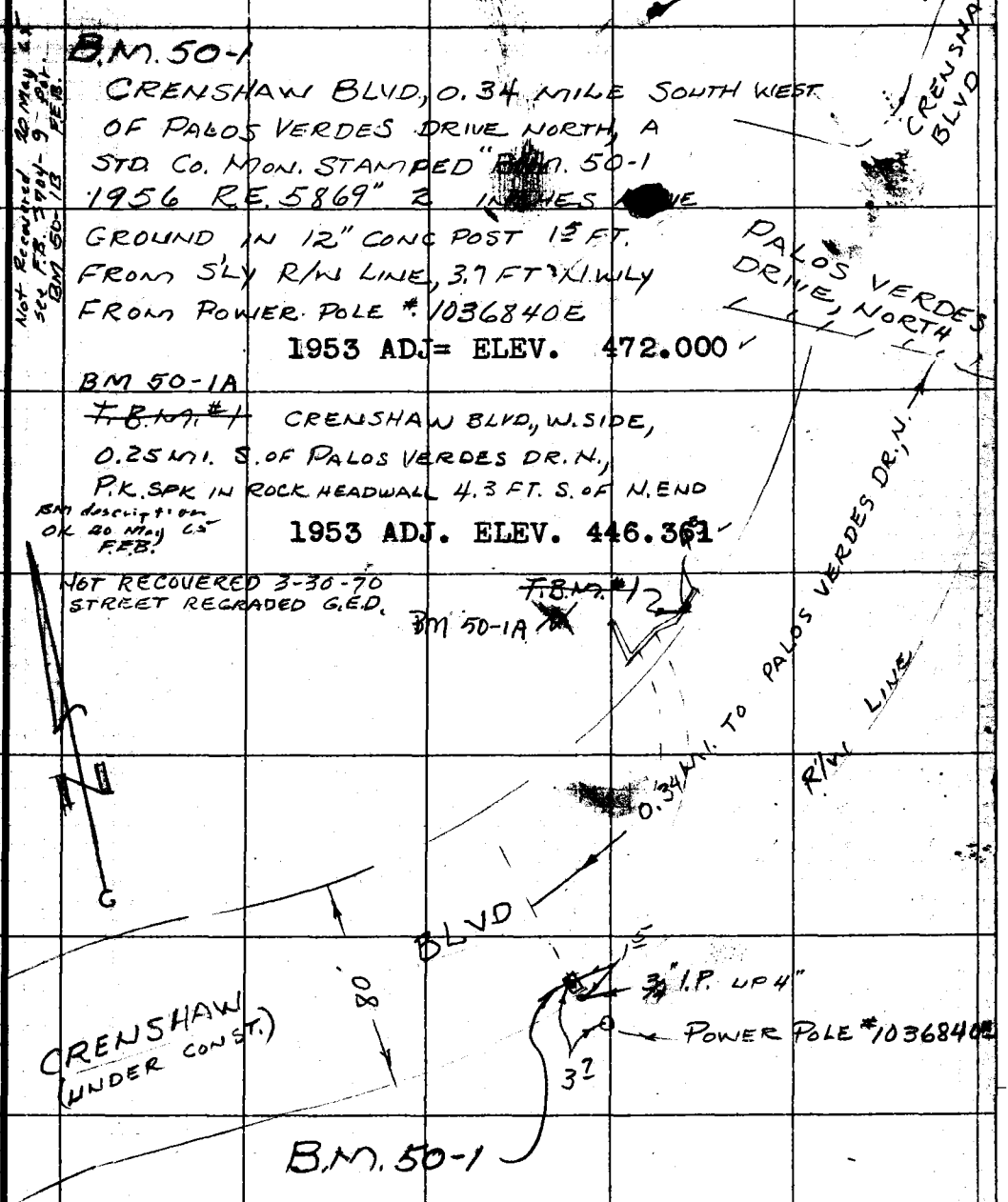
BM 50-1A

~~T.B.M. #1~~ CRENSHAW BLVD., W. SIDE, 0.25 MI. S. OF PALOS VERDES DR. N., P.K. SPK IN ROCK HEADWALL 4.3 FT. S. OF N. END

BM description OK 20 May 65 F.E.B.

1953 ADJ. ELEV. 446.361

NOT RECOVERED 3-30-70 STREET REGRADED G.E.D.



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76F3098 247 4-53

F. B. 2400 PG. 8

Not recovered 20 May 1965 F.B. 3704-N for B.M. 50-2

B.M. 50-2

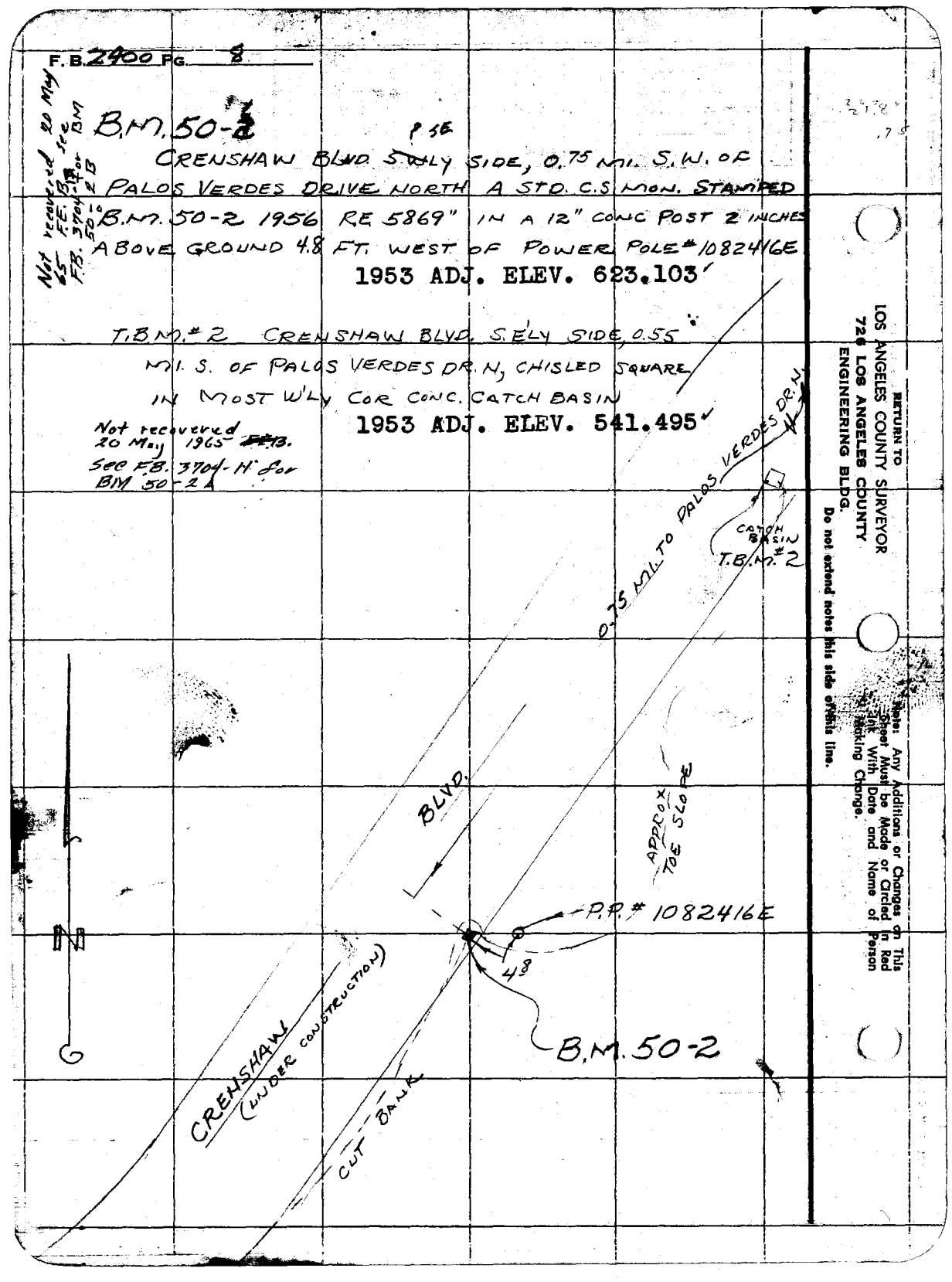
CRENSHAW BLVD. S'ELY SIDE, 0.75 MI. S.W. OF PALOS VERDES DRIVE NORTH A STD. C.S. MON. STAMPED B.M. 50-2 1956 RE 5869" IN A 12" CONC POST 2 INCHES ABOVE GROUND 4.8 FT. WEST OF POWER POLE # 1082416E

1953 ADJ. ELEV. 623.103'

T.B.M. # 2 CRENSHAW BLVD. S.E'LY SIDE, 0.55 MI. S. OF PALOS VERDES DR. N, CHISLED SQUARE IN MOST W'LY COR CONC. CATCH BASIN

1953 ADJ. ELEV. 541.495'

Not recovered 20 May 1965 F.B. See F.B. 3704-N for B.M. 50-2



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F.B. 2400 PG. 9

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Map No.	W. O. 0301.02 Tape No. Sr'd. °F
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Checked	Notes G.E. DREIER Date 1-3-55
Date	Indexed R. C. Johnson

Mark destroyed Fd remains 20 May 65 F.E.B. See F.B. 3704-15 for BM 50-3A

B.M. 50-3

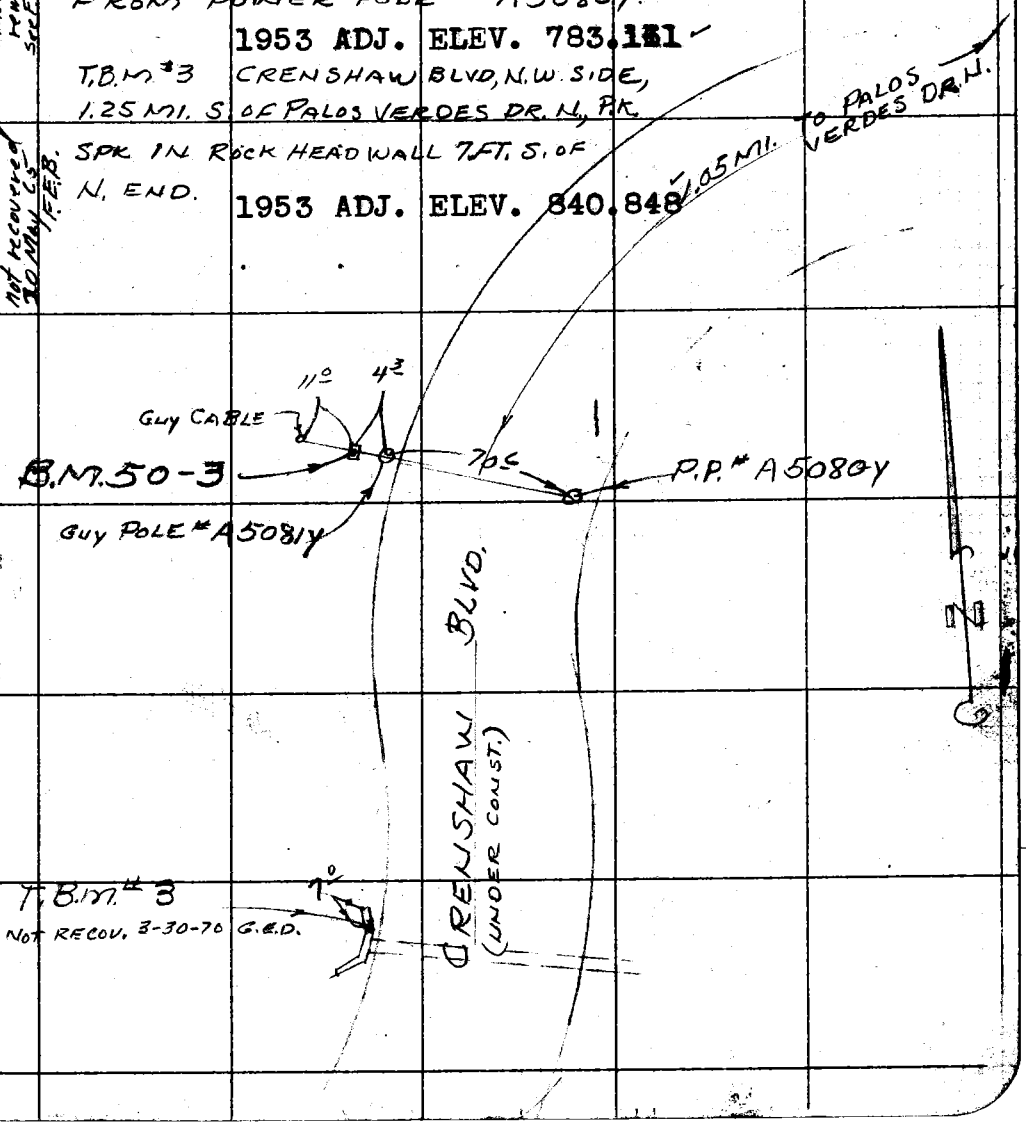
CRENSHAW BLVD., W'LY SIDE, 1.10 MI. S.W. OF PALOS VERDES DRIVE NORTH, A STD C.S. MON. STAMPED "B.M. 50-3 1956 RE 5869" IN 12" CONC. POST 2 INCHES ABOVE GROUND, UNDER GUY CABLE, 4.3 FT. W. OF GUY POLE # A5081Y, 75 FT W'LY FROM POWER POLE # A5080Y.

1953 ADJ. ELEV. 783.131

T.B.M. #3 CRENSHAW BLVD, N.W. SIDE, 1.25 MI. S. OF PALOS VERDES DR. N., P.K. SPK IN ROCK HEADWALL 7 FT. S. OF N. END.

1953 ADJ. ELEV. 840.848

Not recovered 20 May 65 F.E.B.



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76F3098 247 4-53

F.B. 2400 Pg. 10

This Mon. reported destroyed 5/1/54 [illegible]

See F.B. 3704-17 for B.M. 50-4A FEB 20 May 25

B.M. 50-4 CRENSHAW BLVD S'LY SIDE 1.5 MILES S.W OF PALOS VERDES DRIVE NORTH, ±150 FT. N.W. OF AND OPPOSITE ENTRANCE TO L.A. CO DETENTION CAMP NO. 7, A STD. C.S. MON STAMPED "B.M. 50-4 1956 R.E. 5869" IN A 12" CONC. POST 4 INCHES ABOVE GROUND, 4.3 FT S.W OF POWER POLE #1082404E ABOUT 11 FT ABOVE ROAD GRADE

1953 ADJ. ELEV. 887.961

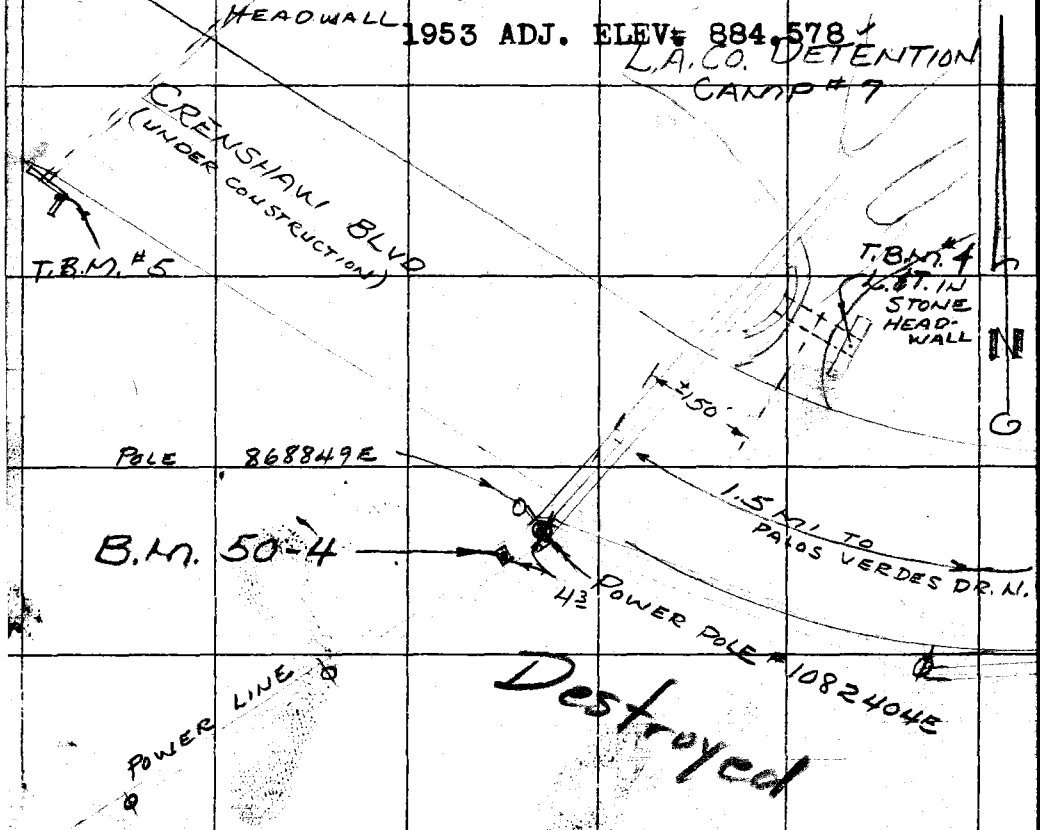
T.B.M. #4 CRENSHAW BLVD, N.ELY SIDE, 1.5 MI. S.W. OF PALOS VERDES DR. N., A L.&T. IN CENTER OF E. CONC. & ROCK HEADWALL OF CULVERT UNDER ENTRANCE TO DETENTION CAMP #7

1953 ADJ. ELEV. 871.205

not recovered 20 May 25 FEB

T.B.M. #5 CRENSHAW BLVD S. SIDE, 0.35 MI. E OF SILVER SPUR RD., L.&T. IN N.E. COR OF ANGULAR HEADWALL

1953 ADJ. ELEV. 884.578



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Map No.	W. O. 080102 Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 1-3-55
Date	Indexed A. C. Johnson

F.B. 2400 Pg. 11

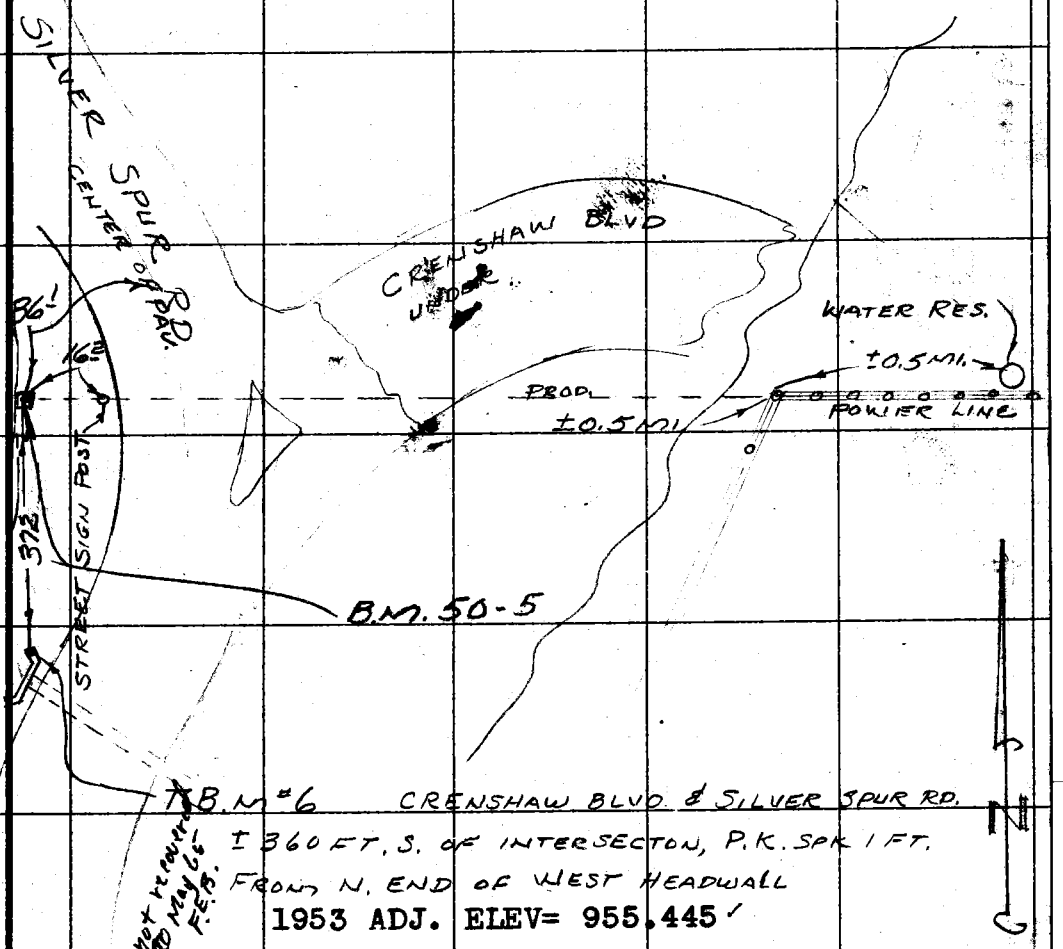
B.M. 50-5 (A Std. C.S. Mon. in conc Post stamped "50-5 1956" 1958

CRENSHAW BLVD. AND SILVER SPUR RD., WEST SIDE, 2' E. OF TOE OF SLOPE, 36.1 FT. W OF CENTER OF PAVEMENT, 16.2 FT. W. OF STREET NAME SIGN POST, 372 FT N'LY FROM A P.K. SPK 1 FT FROM N. END OF WEST HEADWALL OF CULVERT.

1953 ADJ. ELEV. 955.112

See F.B. 3704-17,18 for BM 50-5A

not recovered 20 May 65 F.E.B.



B.M. #6 CRENSHAW BLVD. & SILVER SPUR RD. ± 360 FT. S. OF INTERSECTON, P.K. SPK 1 FT. FROM N. END OF WEST HEADWALL

1953 ADJ. ELEV= 955.445

not recovered 20 May 65 F.E.B.

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76F3098 247 4-53

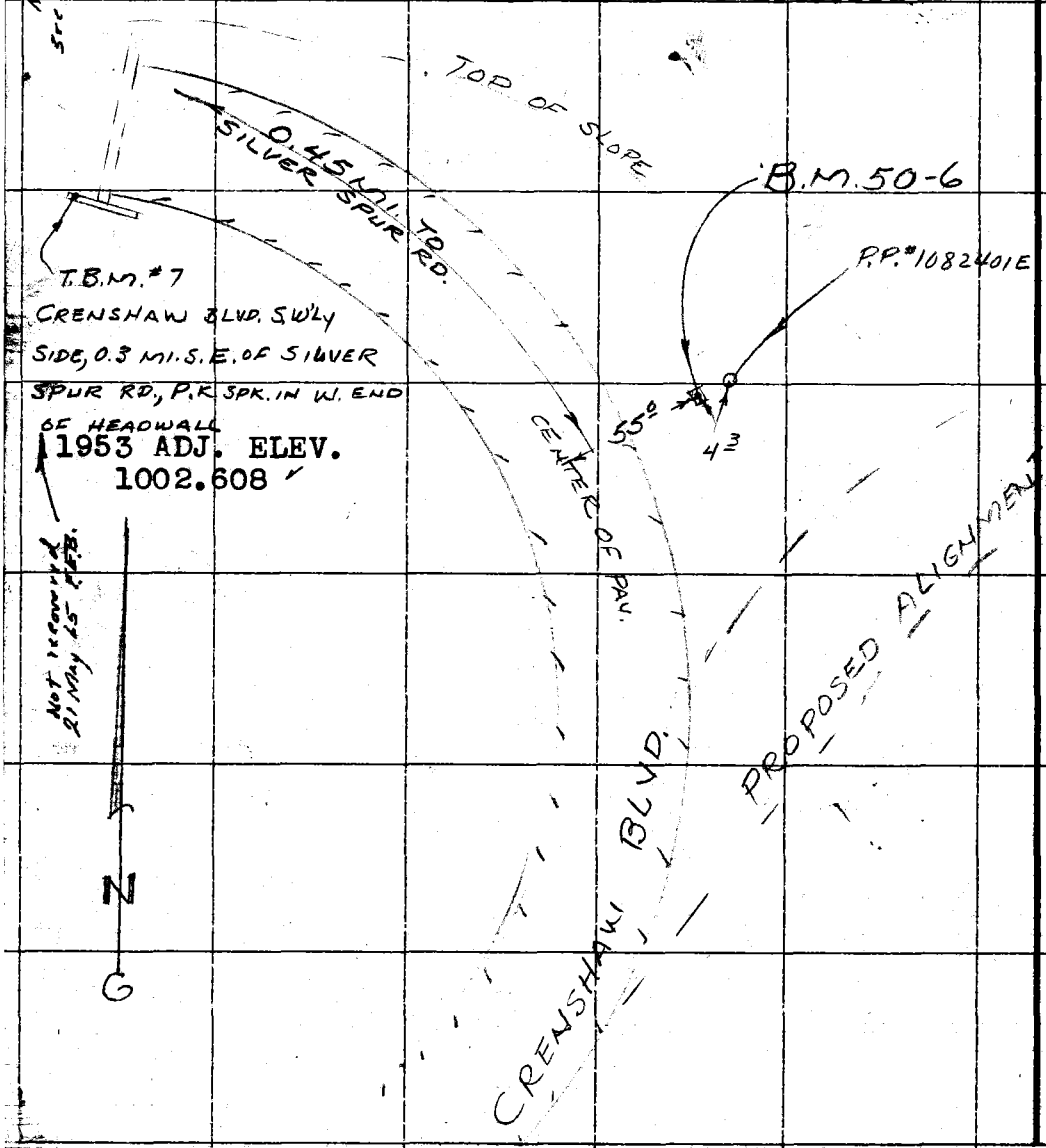
F.B. 2400 PG. 12

Not recovered 21 May 65 F.E.B.
See F.B. 3704-19 for BM 50-6A
" " -21 " " 50-6B
" " -23 " " 50-6C

B.M. 50-6

CRENSHAW BLVD, ELY SIDE, 0.[illegible]5 MI. S.E. OF SILVER SPUR ROAD NEAR JUNCTION OF PROPOSED ALIGNMENT OF CRENSHAW BLVD., 55.0 FT EAST OF CENTER OF PAV., 4.3 FT W. OF P.P. #1082401E A STD. C.S. MON. STAMPED "B.M. 50-6 1956 R.E. 5869" IN 12" CONC. POST FLUSH.

1953 ADJ. ELEV. 1043.552



Not recovered 21 May 65 F.E.B.

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Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 1-16-55
Date	Indexed A. C. Johnson

F.B. 2400 Pg. 13

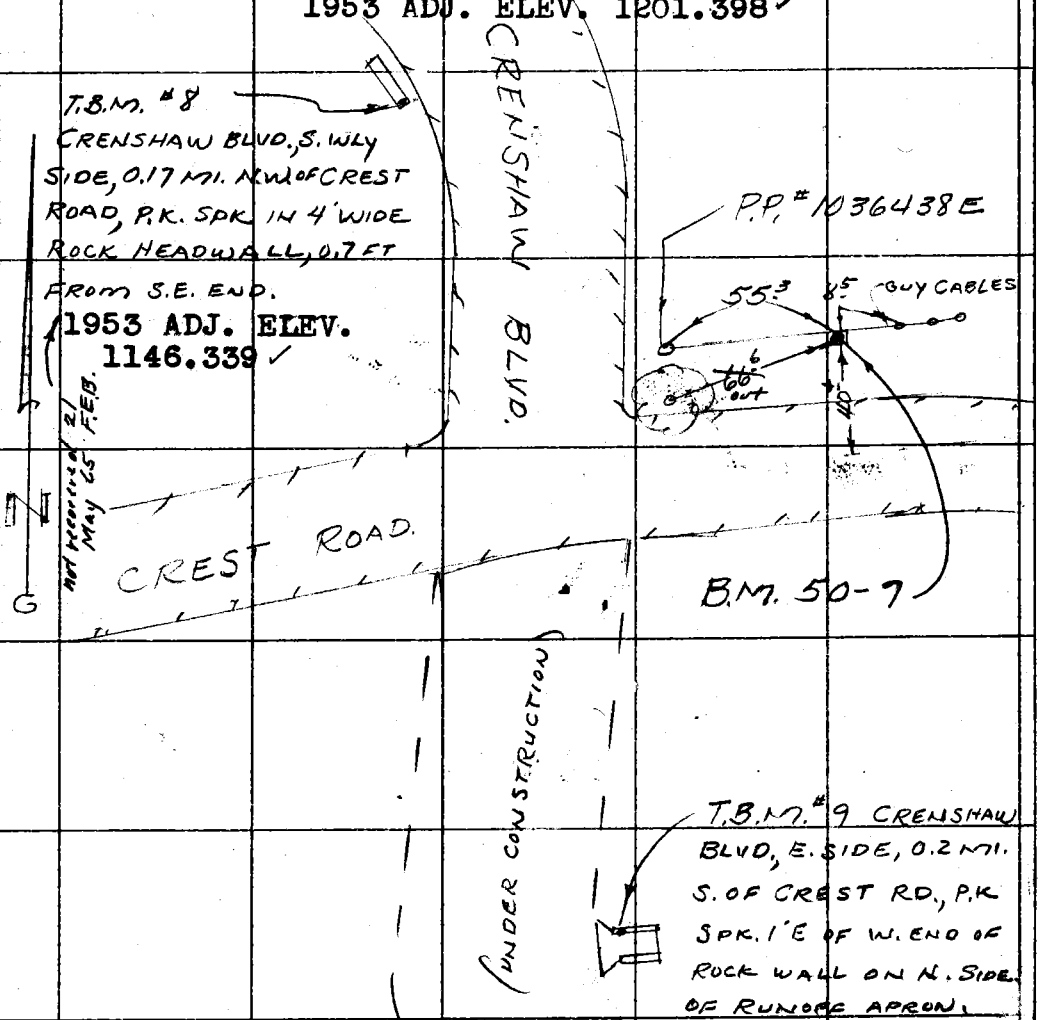
B.M. 50-7

CRENSHAW BLVD AND CREST ROAD, N.E. COR., 92.5 FT. E'LY FROM CENTER OF PAV. AND 40 FT. N'LY FROM CENTER OF PAVEMENT UNDER GUY CABLE 55.3 FT. N.E. OF POWER POLE # 1036438 E

A ~~STD C.S. MON~~ L.A. Co. Engr. 2 1/2 Button Brass Cap STAMPED "B.M. 50-7-1956 R.E. 5869" IN 12 INCH 59 CONC. POST 4 INCHES ABOVE GROUND.

SEE F.B. 3704-25 FOR NEW DESC. 4-20-70 G.E.D.

1953 ADJ. ELEV. 1201.398 ✓



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76F3095 S&E #247. 8-54

F. B. 2400 PG. 14

B.M. 50-8

CRENSHAW BLVD, 0.4 MI. S. OF CREST ROAD, OPPOSITE ENTRANCE TO MILITARY INSTALLATION, 36.5 AT N.E. OF ℄, 6.0 FT S.E. OF POWER POLE #1035202E UNDER GUY CABLE A STD. C.S. MON WITH BUTTON STAMPED "B.M. 50-8 1956 RE. 5869" IN 12 INCH CONC. POST 3 INCHES ABOVE GROUND.

1953 ADJ. ELEV. 1182.108

COUNTY ENGINEER BM 50-8 1956 R.E. 5869

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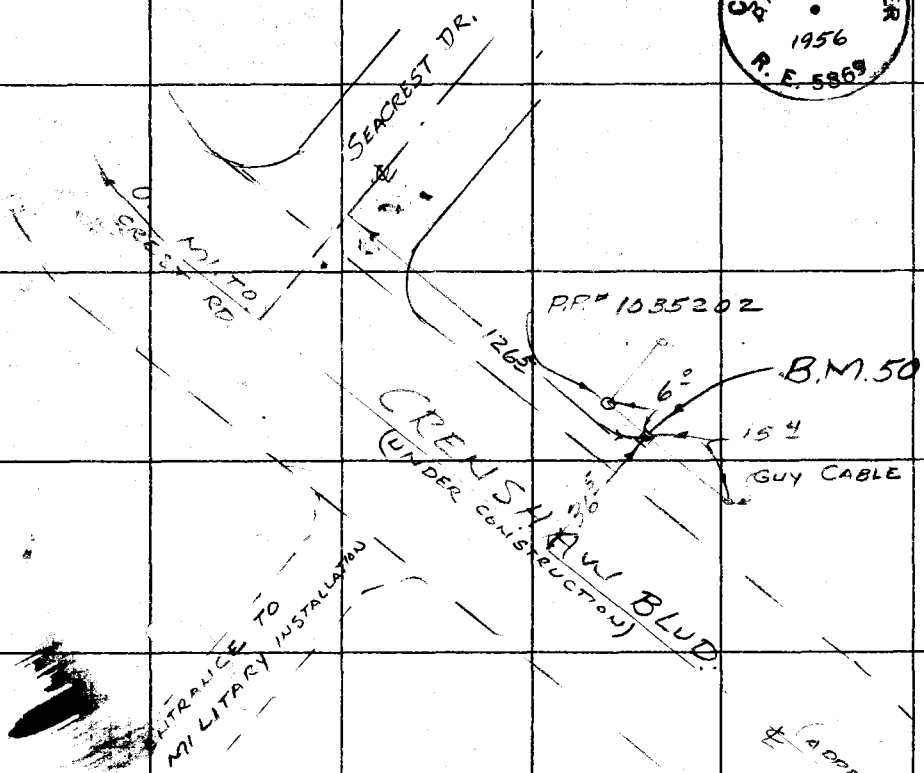


L.A.CO. PRECISE LEVEL NET F.B. 2400 Pg. 15

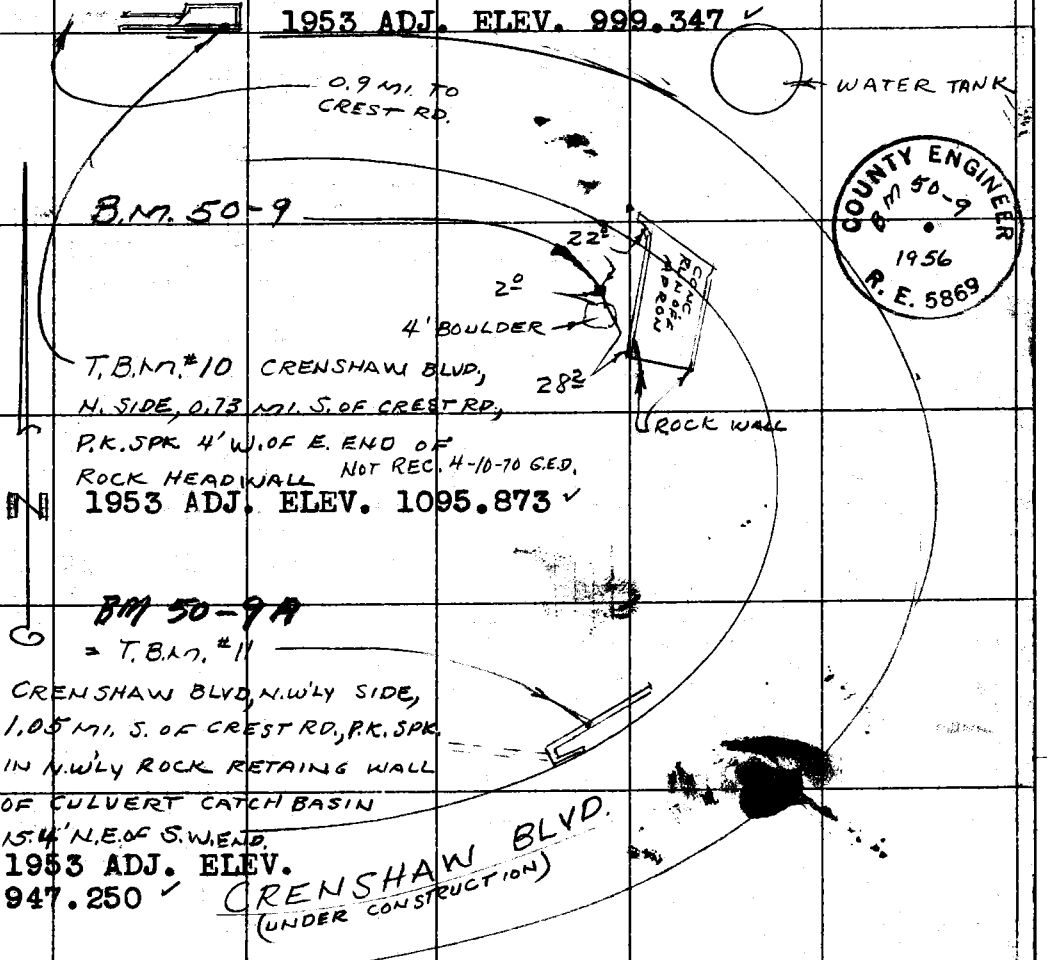
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of 0301.02 W.O. Tape No. St'd. °F
Surveyed by G. E. DREIER
Notes G. E. DREIER Date 1-16-53
Indexed E. C. Johnson

B.M. 50-9

CRENSHAW BLVD, W'LY SIDE, 0.9 MI. S. OF CREST ROAD, OPPOSITE EAST END OF A LONG CUT BANK, 2 FT N. OF A 4 FOOT BOULDER, 28.2 FT. N.W. OF S. END, AND 22.8 FT. S.W. OF N. END OF ROCK WALL ON WEST SIDE OF RUN OFF APRON, AT TOE OF ROAD GRADE SLOPE, A STANDARD C.S.E. WITH BUTTON MON. STAMPED "B.M. 50-9 1956 RE 5869" IN 12" CONC. POST 3 INCHES ABOVE GROUND.

1953 ADJ. ELEV. 999.347 ✓



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76FSO08 247 4-53

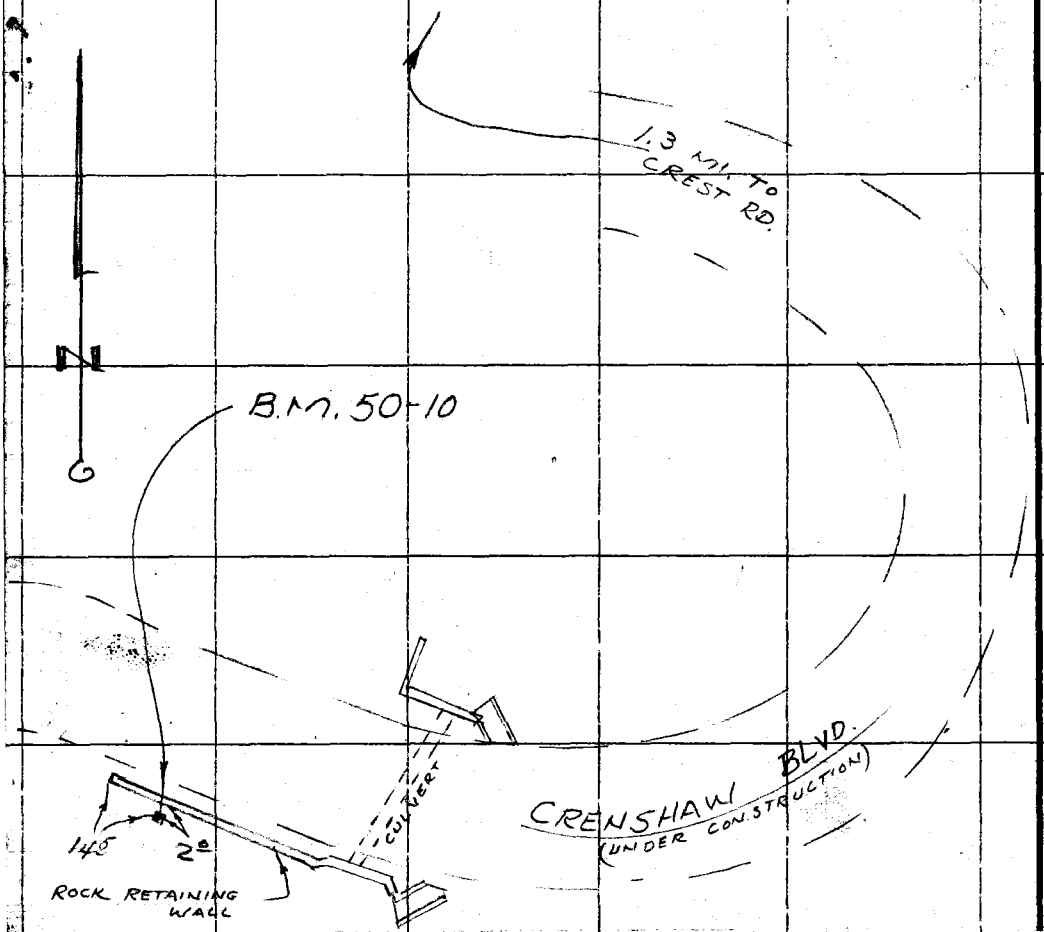
F.B. 2400 PG. 16

B.M. 50-10

CRENSHAW BLVD., SOUTH SIDE, 1.3 MI. S'LY FROM CREST ROAD, 8.6 FT. W. OF CULVERT UNDER ROAD 2 FT. S. OF 4 FT HIGH ROCK RETAINING WALL 14.5 FT FROM WEST END, A STD. C.S. MON. WITH BUTTON STAMPED "B.M. 50-10 1956 R.E. 5869" IN 12 INCH CONCRETE POST 6 INCHES ABOVE GROUND.

1953 ADJ. ELEV. 858.091

COUNTY SURVEYOR
B.M. 50-10
1956
R.E. 5869



RETURN TO
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F. B 2400 PG. 17

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Date	Indexed C. Johnson

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76F3098 S&E #247. 8-54

B.M. 50-11

CRENSHAW BLVD., S. SIDE, 1.15 MI. N. OF PALOS VERDES DR. S., 4.2 FT. S.W. OF LARGE BOLT 40' S. OF ℄ (MARKER "EC. 315+17.69 R.P.) 67.6 FT E'LY FROM POWER POLE # 103520E, A STD. C.S. MON. STAMPED "B.M. 50-11 1956 R.E. 5869" IN WITH BUTTON 12" CONC. POST 6 INCHES ABOVE GROUND.

1953 ADJ. ELEV. 647.509 ✓

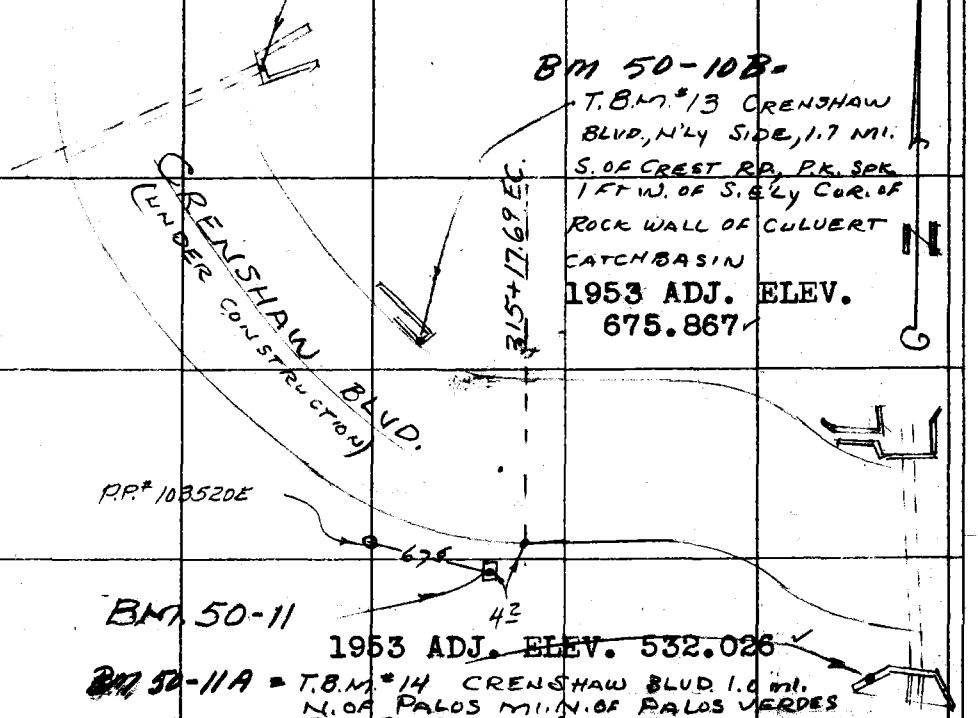
COUNTY SURVEYOR
BM 50 - 11
1956
R.E. 5869

BM 50-10A = T.B.M. # 12 CRENSHAW BLVD. E'LY SIDE, 1.45 MI. S. OF CREST RD., P.K. SPK IN CENTER OF CULVERT HEADWALL

1953 ADJ. ELEV. 777.166 ✓

BM 50-10B = T.B.M. # 13 CRENSHAW BLVD., N'LY SIDE, 1.7 MI. S. OF CREST RD., P.K. SPK 1 FT W. OF S.E'LY COR. OF ROCK WALL OF CULVERT CATCHBASIN

1953 ADJ. ELEV. 675.867 ✓



BM 50-11

1953 ADJ. ELEV. 532.026 ✓

BM 50-11A = T.B.M. # 14 CRENSHAW BLVD. 1.0 mi. N. OF PALOS MI. N. OF PALOS VERDES DR. S., P.K. SPK 2. FT E. OF W. END ROCK WING WALL ON S'LY SIDE ROAD FILL

F.B. 2400 PG. 18

(ON PORTUGUES BEND LANDSLIDE)

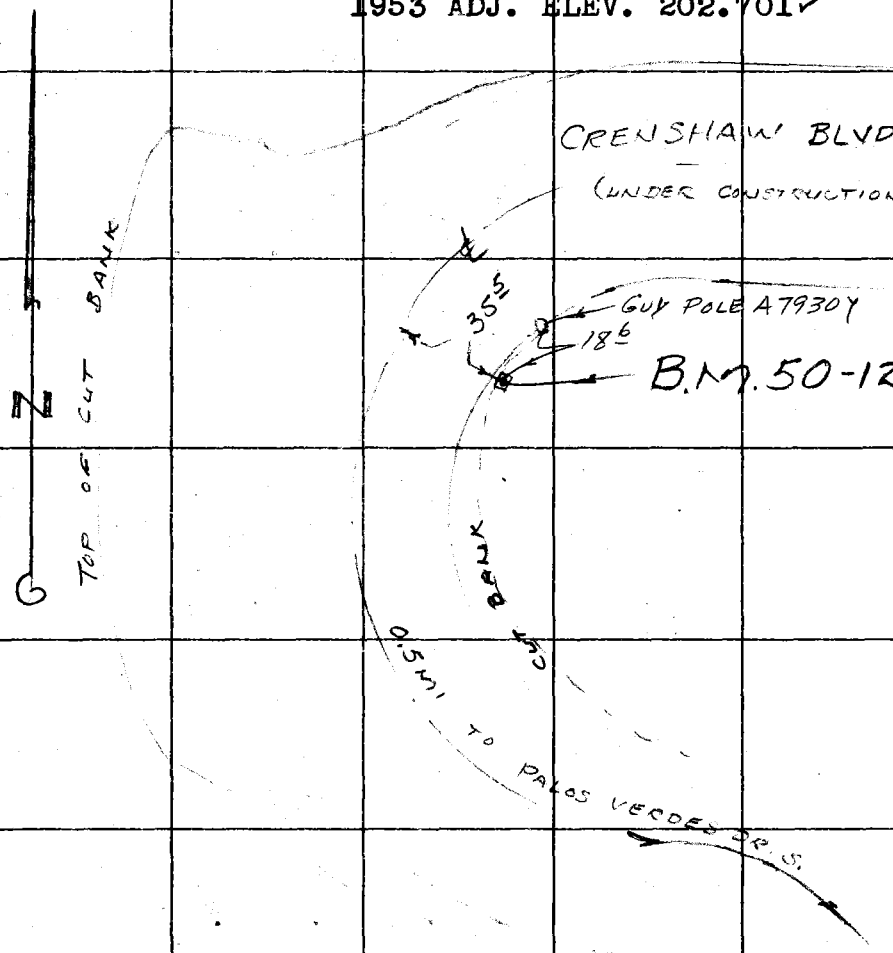
B.M. 50-12

CRENSHAW BLVD, 0.5 MI. N. OF PALOS VERDES DRIVE SOUTH, 35.5 FT. E'LY OF ℄ OPPOSITE HIGHEST PART OF A CUT BANK AT RD. DEPT. CONSTRUCTION STATIONING 351+48, A STD. C.B. MON STAMPED "B.M. 50-12 1956 R.E. 5869" IN 12" CONC. POST 4 INCHES ABOVE GROUND.

1953 ADJ. ELEV. 350.595

T.B.M. #13 CRENSHAW BLVD. & PALOS VERDES DR. S., N.E. COR., B.SPK IN CENTER OF E. ROCK HEADWALL OF CULVERT UNDER CRENSHAW.

1953 ADJ. ELEV. 202.701



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Notes Ck'd by	L. A. CO. PRECISE LEVEL NET	F. B. 2400 Pg. 19
Map No.	Survey of	
Office Work	W. O. 0301.02 Tape No. Std. °F	
Checked	Surveyed by G. E. DREIER	
Date	Notes G. E. DREIER Date 10-4-56	
	Indexed R. O. Johnson 10-5-56	

JOB No 0301.02

L.A. CO. PRECISE LEVEL NET

ADDITIONAL T.B.M.S AND B.M.S TO

LINE No. 50

CRENSHAW BLVD. NORTH OF PALOS VERDES DR. SOUTH.

DREIER
MOODY
OHASHI
MELENDEZ
DOVER

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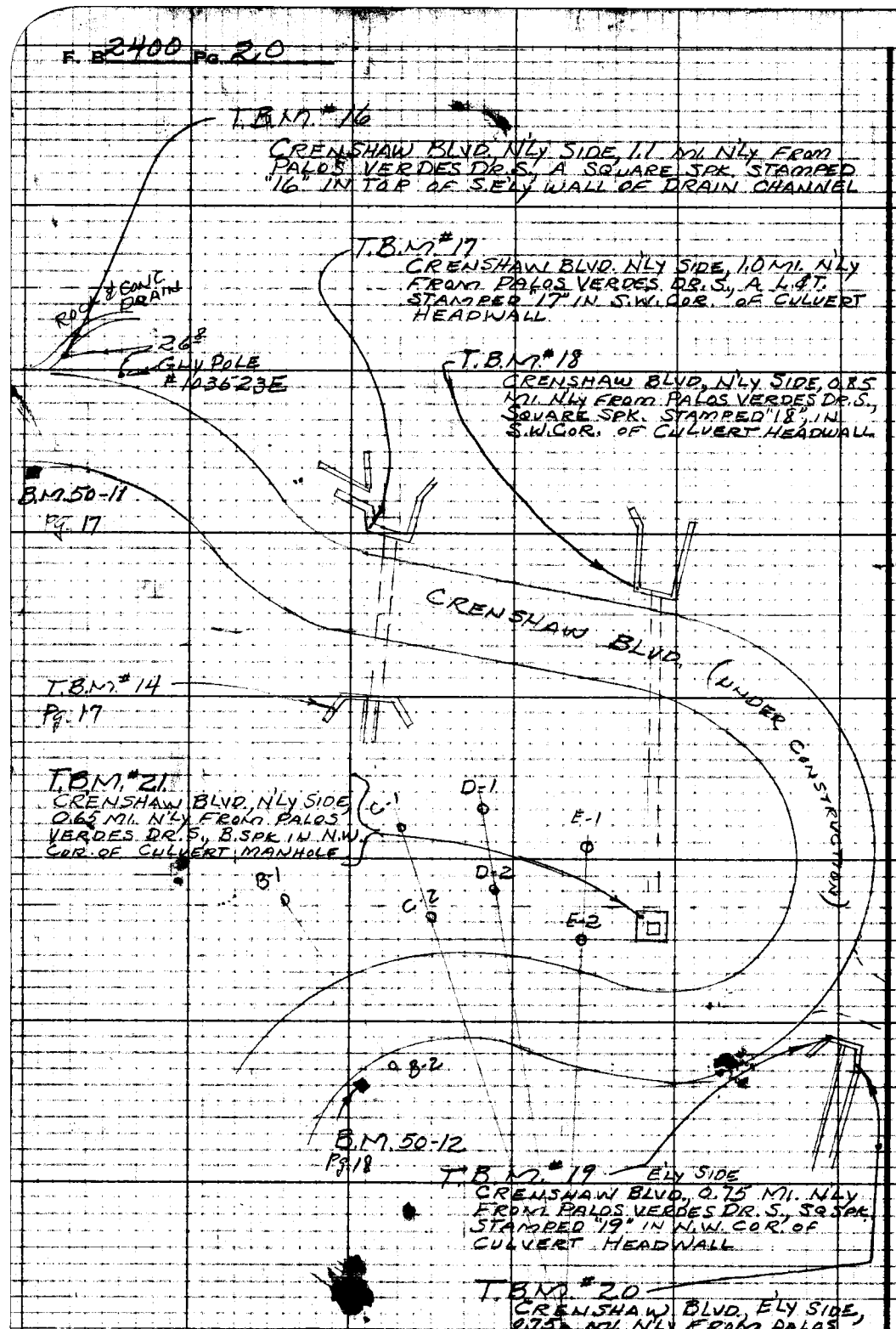
76F3098 247 10M 1-49

F. B. 2400 Pg. 20



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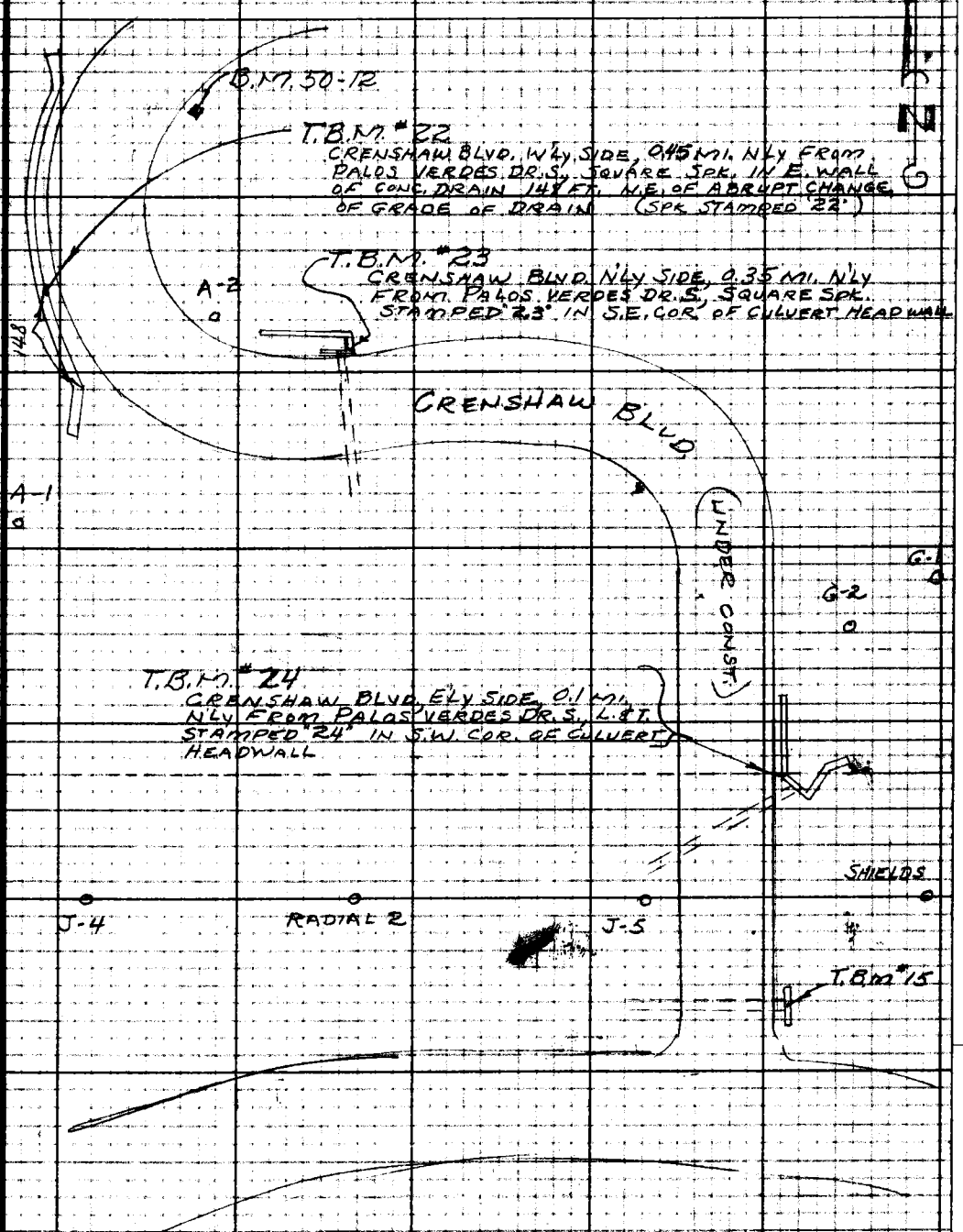
Notes Ck'd by	L. A. CO. PRECISE LEVEL NET F. B. 2400 Pg. 21
Map No.	Survey of 0301.02 W. O. Tape No. St'd. °F
Office Work	Surveyed by G. E. DREIER
Checked	Notes G. E. DREIER Date 10-4-56
Date	Indexed A. C. Johnson



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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

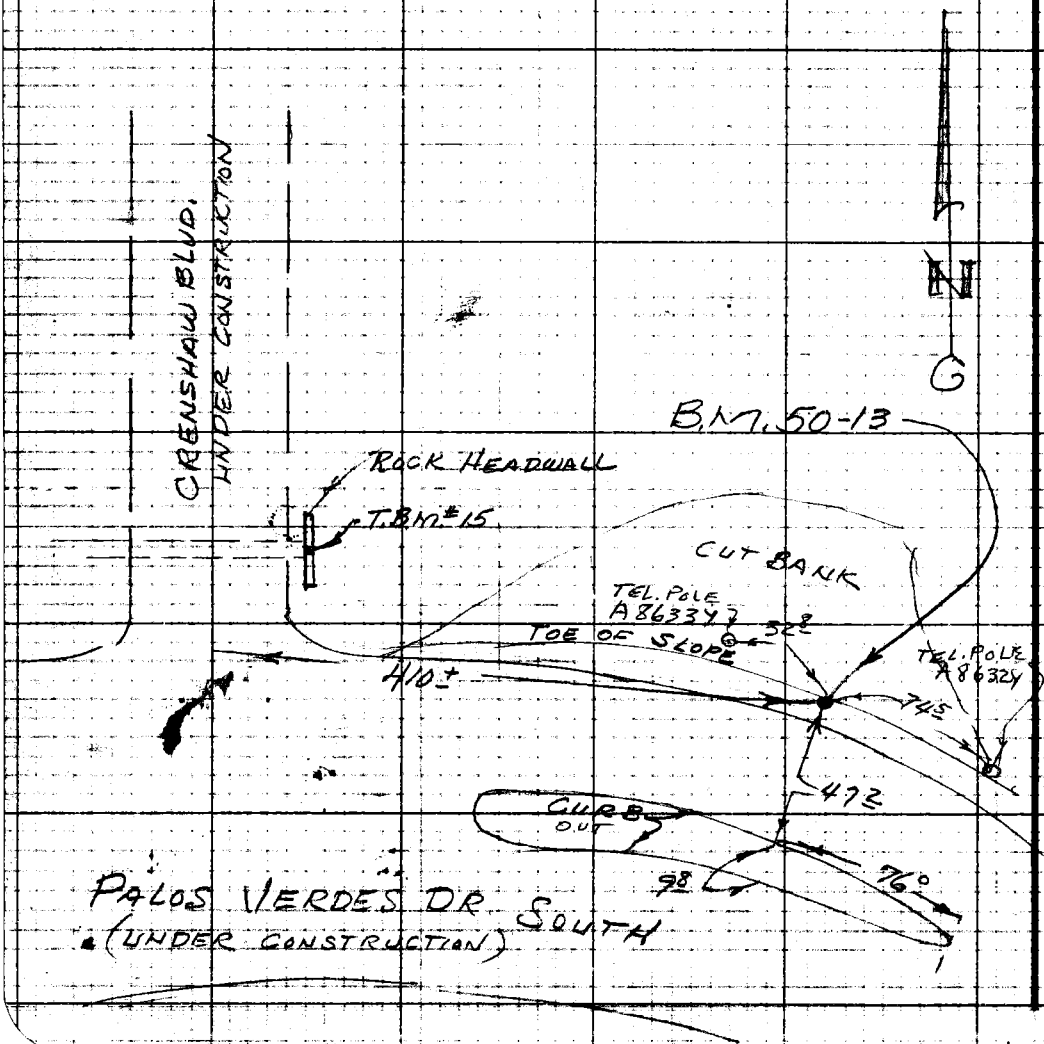
76F3095 247 10M 1-49

F. B. 2400 Pg. 22

B.M. 50-13

PALOS VERDES DR. S., N'LY SIDE, AT TOE OF CUT BANK SLOPE, ±410 FT. EAST OF CENTER OF CRENSHAW BLVD. A STANDARD C.S. BM MON. STAMPED "B.M. 50-13 1956 RE 5869" 2½ INCHES BELOW SURFACE, WITH BUTTON.

B.M. 34-16 DESTROYED BY CONSTRUCTION



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76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 56010
Notes by R. RODRIGUEZ Time 9:40 to 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 49-5 To BM 50-1
Date 1-6-56
Indexed 2-7-56 C. Job

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4499		200		#11	2447		193		BM 49-5
	4299		197			2254		191		PALOS VERDES DR. N. & CRENSHAW
	4102		397			2063		384		BLVD.
1	12900	4300		397		6764	2255		384	SEE F.B 1373-11, FOR DESC
	8539		200			2915		197		
	8339		197			2718		196		⊼ J Moody
	8142		397			2522		393		
2	25020	8340		794		8155	2718		773	
	8328		199			2703		200		
	8129		197			2503		198		
	7932		396			2305		398		
3	24389	8130		1190		7511	2504		1171	
	[illegible]		194			[illegible]		194		
	[illegible]		194			2550		194		
	[illegible]		188			[illegible]		388		
4	21717	[illegible]		1578		7650	2550		1559	
	9835		182			3835		184		+37.663
	9653		180			3651		186		-13.672
	9473		362			3465		370		49-5 TO T.B.M. #1 +23.986
5	28961	9654		1940		10951	3650		1929	
		37663		1929			13672			← T.B.M. #1 (SEE NEXT PAGE)

3.869 = .25 mi.

F.B. 2400 P.G. 29

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 CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ ~~G. E. DREIER~~ Time 9:40 to 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301 [illegible]
From B.M. 49-5 To B.M. 50-1
Date 1-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1940					[illegible]	T.B.M. #1 W. SIDE CRENSHAW BLVD., 0.25 MI. S. OF PALOS VERDES DR. N. P.K. SPK IN ROCK HEADWALL 4.3 FT S. OF N.E. END
6	10.840 10.681 10.523 32044	10.681	159 158 317	2257		[illegible] [illegible] [illegible] 1.621	0.540	[illegible] [illegible] [illegible]	2250	SUMMATION OF RUN +29.827 − 4.187
7	10.025 9.900 9.978 29.903	9.901	125 122 249	2504		[illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible] [illegible] [illegible]	2495	DIFF. T.B.M. #1 TO 50-1 +25.640 " 49-5 TO T.B.M. #1 +23.986 DIFF. 49-5 TO 50-1 +49.626
8	9.313 9.245 9.128 27.736	9.245	068 067 135	2639		1.241 1.174 1.108 3.523	1.174	067 066 133	2628	
										B.M. 50-1 CRENSHAW BLVD. E'LY SIDE, 0.34 MI. S. OF PALOS VERDES DR. N. SEE F.B. 2400-7 FOR DESC.
		29.827					4.187			

F.B. 2400 P.G. 30

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by R. RODRIGUEZ Time 10.40 to 12.00 Rod No. INVAR 2

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 50-1 To B.M 42-5
Date 1-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.238 1.172 1.106 3.516	1.172	066 066 132	.132	#11	9.378 9.243 9.108 27.730	9.243	065 065 130	.135	B.M 50-1 CRENSHAW BLVD E'LY SIDE 0.34 MI S. OF PALOS VERDES DR N. SEE F.B 2400-7 FOR DESC
2	1.549 1.414 1.278 4.241	1.414	135 140 275	.411		9.008 8.873 8.738 26.619	8.873	135 135 270	.405	T. J. MOODY
3	0.1101 0541 0381 1.623	0.541	160 160 320	.231		10.842 10.681 10522 32.044	10.681	161 159 320	.641	+ 3.257 - 28.896 DIFF. 50-1 TO TBM #1 - 25.639
	3.257					28.896		73 1397 =0.09 mi.		TB.M #1 CRENSHAW BLVD, W. SIDE 0.25 MI. S. OF PALOS VERDES DR N., P.K. SPK IN ROCK HDWALL 4.3 FT. S. OF N.E. END
4	4.475 4.289 4.102 12.866	4.289	186 187 373	.1104		10.475 10.292 10.109 30876	10.292	183 183 366	1.032	

FB 2400 P.G. 31

76P526 S & E #379 1-54

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 49-5
Date 1-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.078	9.289 ✓	193	1104		7.772	10.292 ✓	191	1032	
	2.885		192			7.575		196		
	2.693		385 ✓			7.379		393 ✓		
5	8.656 ✓	2.885 ✓		1489		22.726 ✓	7.575 ✓		1425	
	2.742		200			8.365		198		
	2.542		199			8.167		197		
	2.343		399 ✓			7.970		395 ✓		
6	7.627 ✓	2.542 ✓		1888		24.502 ✓	8.167 ✓		1820	
	3.199		184			8.849		211		SUMMATION OF RUN
	3.015		183			8.638		210		+15.243 ✓
	2.832		367 ✓			8.428		421 ✓		-39.230 ✓
7	9.046 ✓	3.015 ✓		2255		25.915 ✓	8.638 ✓		2241	T.B.M. #1 TO 49-5 -23.987 ✓
	2.702		189			4.758		200		50-1 TO T.B.M. #1 -25.639 ✓
	2.513		191			4.558		200		DIFF. 50-1 TO 49-5 -49.626 ✓
	2.322		380 ✓			4.358		400 ✓		
8	7.537 ✓	2.512 ✓		2635		13.674 ✓	4.558 ✓		2641	
										B.M. 49-5
										PALOS VERDES DR N. & CRENSHAW BLVD
										SEE F.B. 1373-11 FOR DESC.
		15.243 ✓					39.230 ✓			

F.B. 2400 P.G. 32

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Chief of Party G.E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:30 TO 5:40 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.560		122		#11	0.948		147		B.M. 50-1
	4.438		120			0.801		149		CRENSHAW BLVD., .34 MI. S.
	4.318		242 ✓			0.652		296 ✓		OF PALOS VERDES DRIVE
1	13.316 ✓	4.439 ✓		242	78°	2.401 ✓	0.800 ✓		296	SEE F.B. 2400-7 FOR DESC.
	9.939		121			1.612		117		
	9.818		120			1.495		117		
	9.698		241 ✓			1.378		234 ✓		
2	29.455 ✓	9.818 ✓		.483		4.485 ✓	1.495 ✓		.530	T. J. MOODY
	11.911		166			3.757		161		
	11.745		166			3.596		161		
	11.579		332 ✓			3.435		322 ✓		
3	35.235 ✓	11.745 ✓		.815		10.788 ✓	3.596 ✓		.852	
	10.375		117			2.385		124		
	10.258		117			2.261		123		
	10.141		234 ✓			2.138		247 ✓		
11	30.774 ✓	10.258 ✓		1.049		6.784 ✓	2.261 ✓		1.099	
	11.991		098			1.537		094		
	11.893		096			1.443		094		
	11.797		194 ✓			1.349		188 ✓		
5	35.681 ✓	11.894 ✓		1.243		4.329 ✓	1.443 ✓		1.287	
		48.154 ✓					9.595 ✓			

F.B. 2400 P.G. 53

76P526 S & E #379 1-54

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Chief of Party G.E.DREIER Weather CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 1:30 TO 3:40 Rod No. 11 & 12

Name L.A.Co. PRECISE LE
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.857	48.154 ✓	090	1.243		1.605	9.595 ✓	076	1287	
	10.767		089			1.532		075		
	10.678		179 ✓			1.457		151 ✓		
6	32.302 ✓	10.767 ✓		1.422		4.597 ✓	1.532 ✓		1.438	
	9.337		150			2.187		148		
	9.187		149			2.039		144		
	9.038		299 ✓			1.895		292 ✓		
7	27.562 ✓	9.187 ✓		1.721		6.121 ✓	2.040 ✓		1.730	
	11.905		051			0.862		044		
	11.854		051			0.818		045		
	11.802		102 ✓			0.773		089 ✓		
8	35.562 ✓	11.854 ✓		1.823		2.453 ✓	0.818 ✓		1.819	
	11.558		106			0.946		094		
	11.452		104			0.852		094		
	11.348		210 ✓			0.758		198 ✓		
9	34.358 ✓	11.453 ✓		2.033		2.556 ✓	0.852 ✓		2.017	
	11.581		102			0.692		109		
	11.479		100			0.583		105		
	11.379		202 ✓			0.478		214 ✓		
10	34.439 ✓	11.480 ✓		2.235		1.753 ✓	0.584 ✓		2.231	
		102.895 ✓					15.421 ✓			

F.B. 2400 P.G. 34

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.932	102.895 ✓	103	2.235		1.225	15.42 ✓	103	2,231	
	11.829		102			1.122		103		
	11.727		205 ✓			1.019		206 ✓		
11	35.488	11.829 ✓		2,440		3.366	1.122 ✓		2,437	
	10.535		083			1.243		092		
	10.452		084			1.151		093		
	10.368		167 ✓			1.058		185 ✓		
12	31.355	10.452 ✓		2,607		3.452	1.15 ✓		2,622	
	11.048		090			1.328		091		
	10.958		090			1.237		090		
	10.868		180 ✓			1.147		181 ✓		
13	32.874	10.958 ✓		2,787		3.712	1.237 ✓		2,803	
	10.068		088			0.493		088		
	9.980		087			0.405		089		
	9.893		175 ✓			0.316		177 ✓		
14	29.941	9.980 ✓		2.962		1.214	0.405 ✓		2.980	
	11.963		111			0.590		102		
	11.852		111			0.488		100		
	11.741		222 ✓			0.388		202 ✓		
15	35.556	11.852 ✓		3,184		1.466	0.489 ✓		3,182	
	157.966 ✓					19.825 ✓				

F.B. 2400 P.G. 35

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 1:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-6-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.056	157.966 ✓	071	3.184		1.351	19.825 ✓	083	3.182	
	9.985		072			1.268		081		
	9.913		142 ✓			1.187		164 ✓		
16	29.954 ✓	9.985 ✓		3.326		3.806 ✓	1.269 ✓		3.346	
	5.957		040			1.688		035		B.M. 50-2
	5.917		042			1.653		035		CRENSHAW BLVD., ELY SIDE, 0.75
	5.875		82 ✓			1.618		070 ✓		MI. S.W. OF PALOS VERDES DR. N.
17	17.749 ✓	5.916 ✓		3.408		4.959 ✓	1.653 ✓		3.416	SEE F.B. 2400-8 FOR DESC.
									3.408	
									6.824	
									= 0.44 MI.	
										SUMMATION OF RUN
										B.M. 50-1 TO B.M. 50-2
										TOTAL BACKSIGHTS +173.867 ✓
										TOTAL FORESIGHTS - 22.747 ✓
										DIFF IN ELEVATION +151.120 ✓
	173867 ✓					22.747 ✓				

F.B. 2400 P.G. 36

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 3:00 TO 3:40 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-6-56
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.612		040		#11	5.872		039		B.M. 50-2
	1.572		039			5.833		036		CRENSHAW BLVD., ELY SIDE, 0.75 mi.
	1.533		079 ✓			5.797		075 ✓		S.W. OF PALOS VERDES DR. N.
1	4.717 ✓	1.572 ✓		.079	70°	17.502 ✓	5.834 ✓		.075	SEE F.B. 2400-8 FOR DESC.
	1.379		081			10.085		070		
	1.298		080			10.015		072		
	1.218		161 ✓			9.943		142 ✓		
2	3.895 ✓	1.298 ✓		.240		30.043 ✓	10.014 ✓		.217	T. J. MOODY
	0.523		103			11.893		111		
	0.420		102			11.782		109		
	0.318		205 ✓			11.673		220 ✓		
3	1.261 ✓	0.420 ✓		.445		35.348 ✓	11.783 ✓		.437	
	0.471		089			10.047		089		
	0.382		089			9.958		086		
	0.293		178 ✓			9.872		175 ✓		
4	1.146 ✓	0.382 ✓		.623		29.877 ✓	9.959 ✓		.612	F.B. 2400 P.G. 37
	1.322		091			11.639		088		
	1.231		092			10.951		092		
	1.139		183 ✓			10.859		180 ✓		
5	3.692 ✓	1.231 ✓		.806		32.849 ✓	10.950 ✓		.792	
	4.903 ✓					48.540 ✓				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 3:00 TO 8:40 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-6-56
Indexed E. C. Johnson

F.B. 2400 P.G. 38

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.493	4.903 ✓	089	.806		10.793	48.540 ✓	088	.792	
	1.404		086			10.705		086		
	1.318		175 ✓			10.619		174 ✓		
6	4.215 ✓	1.405 ✓		.981		32.117 ✓	10.706 ✓		.966	
	0.961		098			11.671		100		
	0.863		095			11.571		100		
	0.768		193 ✓			11.471		200 ✓		
7	2.592 ✓	0.864 ✓		1.174		34.713 ✓	11.571 ✓		1.166	
	0.799		105			11.673		102		
	0.694		106			11.571		104		
	0.588		211 ✓			11.467		206 ✓		
8	2.081 ✓	0.694 ✓		1.385		34.711 ✓	11.570 ✓		1.372	- 91.527 ✓
										+ 9.982 ✓
	2.195		079			9.278		078		- 81.605 ✓
	2.116		078			9.200		078		
	2.038		157 ✓			9.122		156 ✓		T.B.M. #2
9	6.349 ✓	2.116 ✓		1.542		27.600 ✓	9.200 ✓		1.528	CHISELED SQ IN W'LY COR
	3.538	0.846 ✓	031			7.055	2.352 ✓	032		CATCH BASIN, 5.5 FT E CENTERLINE
	2.848		031			7.023		031		055 M.L.S. OF PALOS VERDES DR. N.
	2.469		062 ✓			6.992		063 ✓		
10	10.524 ✓	3.508 ✓		1.604		21.070 ✓	7.023 ✓		1.581	
		14.190 ✓					98.610 ✓			

76P526 S & E #379 1-54

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

Name L.A. Co PRECISE LEVEL NET
Job No. 030102
From BM 50-2 To BM-50-1
Date 1-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.908	13.490	046	1.604		11.931	98.610	050	1.591	
	0.862		045			11.881		050		
	0.814		091			11.831		100		
11	2.584	0.862		1.695		35.643	11.881		1.691	
	2.097		147			9.261		149		
	1.950		147			9.112		149		
	1.803		294			8.963		298		
12	5.850	1.950		1.989		27.336	9.112		1.989	
	1.369		086			10.605		083		
	1.283		084			10.522		080		
	1.199		170			10.442		163		
13	3.851	1.284		2.159		31.569	10.523		2.152	
	0.848		093			11.298		095		
	0.755		094			11.203		091		
	0.661		182			11.112		186		
14	2.264	0.755		2.346		33.613	11.204		2.338	
	2.372		121			10.362		117		
	2.251		124			10.245		116		
	2.127		245			10.129		233		
15	6.750	2.250		2.591		30.736	10.245		2.571	
		20.591					151.575			

F.B. 2400 P.G. 39

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-9-56
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
	3.688	20.591	163	2.591		11.842	57.575	165	2.571	
	3.525		162			11.677		166		
	3.363		325			11.511		331		
16	10.576	3.528		2.916		35.030	11.677		2.902	
	1.617		120			9.943		120		
	1.497		119			9.823		118		
	1.378		239			9.705		238		
17	4.492	1.497		3.155		29.471	9.824		3.140	
	1.388		146			5.009		126		
	1.242		143			4.883		122		
	1.099		289			4.761		248		
18	3.729	1.243		3.444		14.653	4.884		3.388	
										B.M. 50-1 Crenshaw Blvd 0.34 Mi. S. of Palos Verdes Dr. N.
										See F.B. 2400-7 for desc.
										SUMMATION OF RUN B.M. 50-2 TO B.M. 50-1
F.B. 2400 P.G. 40										TOTAL BACKSIGHTS + 26.856 ✓
										TOTAL FORESIGHTS - 177.960 ✓
										DIFF IN ELEVATION - 151.104 ✓
										B.M. 50-2 TO T.B.M. #2 - 81.605 ✓
										T.B.M. #2 TO B.M. 50-2 - 69.499 ✓
		26.856 ✓					177.960 ✓			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.62
From B.M. 50-1 To B.M. 50-2
Date 1-12-56
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
	5.155		123			1.537		145		B.M. 50-1
	5032		122			1.392		144		CRENSHAW BLVD, 0.34 MI. S. OF
	4.910		245 ✓			1.248		289 ✓		PALOS VERDES DR. N.
1	15.097 ✓	5.032 ✓		.245	74°	4.177 ✓	1.392 ✓		.289	SEE F.B. 2400-7 FOR DESC.
	9.937		119			1.616		121		
	9.818		118			1.495		121		
	9.700		237 ✓			1.374		242 ✓		T. J. MOODY
2	29.455 ✓	9.818 ✓		.482		4.485 ✓	1.495 ✓		.531	
	11.820		170			3.655		156		
	11.650		171			3.499		152		
	11.479		341 ✓			3.347		308 ✓		
3	34.949 ✓	11.650 ✓		.823		10.501 ✓	3.500 ✓		.839	
	8.739		111			0.758		123		
	8.628		110			0.635		122		
	8.518		221 ✓			0.513		245 ✓		1
4	25.885 ✓	8.628 ✓		1.044		1.906 ✓	0.635 ✓		1.084	
	11.752		097			1.303		093		
	11.655		097			1.210		094		
	11.558		194 ✓			1.116		187 ✓		
5	34.965 ✓	11.655 ✓		1.238		3.629 ✓	1.210 ✓		1.271	
		46.783 ✓					8.232 ✓			

F.B. 2400 P.G. 41

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 T.O 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.464	46.783 ✓	082	1.238		1.229	8.232 ✓	086	1.271	
	10.382		081			1.143		084		
	10.301		163 ✓			1.059		170 ✓		
6	31.147 ✓	10.382 ✓		1.401		3.431 ✓	1.144 ✓		1.441	
	9.298		161			2.096		137		
	9.137		160			1.959		134		
	8.977		321 ✓			1.825		271 ✓		
7	27.412 ✓	9.137 ✓		1.722		5.880 ✓	1.960 ✓		1.712	
	11.457		050			0.448		046		
	11.407		049			0.402		045		
	11.358		099 ✓			0.357		091 ✓		
8	34.222 ✓	11.407 ✓		1.821		1.207 ✓	0.402 ✓		1.803	+45.019 ✓ −15.535 ✓ +69.484 ✓
	7.354		044			3.843		046		
	7.310		043			3.797		045		
	7.267		087 ✓			3.752		091 ✓		
9	21.931 ✓	7.310 ✓		1.908		11.392 ✓	3.797 ✓		1.894	T.B.M. #2 TIP CHISLED SQ. IN SW. COR CATCH BASIN, E. SIDE CRENSHAW 0.55 mile S. of PALOS VERDES DR. N.
	9.245	55.019 ✓	078			2.160	15.535 ✓	080		
	9.167		079			2.080		079		
	9.088		157 ✓			2.001		159 ✓		
10	27.500 ✓	9.167 ✓		2.065		6.241 ✓	2.080 ✓		2.053	
		94.186 ✓					17.615 ✓			

F.B. 2400 P.G. 42

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:30 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 50-1 To B.M. 50-2
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.497	94.186 ✓	104	2.065		0.624	17.615 ✓	106	2.053	
	11.393		102			0.518		106		
	11.291		206 ✓			0.412		212 ✓		
11	34.181 ✓	11.394 ✓		2.271		1.554 ✓	0.518 ✓		2.265	
	11.936		105			1.227		104		
	11.831		106			1.123		103		
	11.725		211 ✓			1.020		207 ✓		
12	35.492 ✓	11.831 ✓		2.482		3.370 ✓	1.123 ✓		2.472	
	10.802		091			1.501		092		
	10.711		092			1.409		091		
	10.619		183 ✓			1.318		183 ✓		
13	32.132 ✓	10.711 ✓		2.665		4.228 ✓	1.409 ✓		2.655	
	11.319		094			1.595		090		
	11.225		094			1.505		089		
	11.131		188 ✓			1.416 ✓		179 ✓		
14	33.675 ✓	11.225 ✓		2.853		4.516 ✓	1.505 ✓		2.834	
	9.968		088			0.633		089		
	9.880		087			0.544		090		
	9.793		175 ✓			0.454		179 ✓		
15	29.641 ✓	9.880 ✓		3.028		1.631 ✓	0.544 ✓		3.013	
		149.227 ✓					22.714 ✓			

F.B. 2400 P.G. 43

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-1 To B.M. 50-2
Date 1-12-56
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
	11.745	149.227	109	3028		0 409	22.714	109	3.013	
	11.636		107			0.300		106		
	11.529		216			0,194		215		
16	34.910	11.637		3244		0,903	0.301		3,228	
	11.105		073			2.123		074		
	11.032		074			2.049		074		
	10.958		147			1.975		148		B.M. 50-2
17	33.095	11.032		3.391		6.147	2.049		3376	CRENSHAW BLVD, 0.75 MI. S. OF
	5.924		032			1.677		045		PALOS VERDES DR. N.
	5.892		031			1,632		044		SEE F.B. 2400-8 FOR DESC.
	5.861		063			1.588		089		
18	17.677	5.892		3454		4.897	1.632		3.465	
										SUMMATION OF RUN
										B.M. 50-1 TO B.M. 50-2
										TOTAL BACKSIGHTS +177.788
										TOTAL FORESIGHTS - 26.696
										DIFF IN ELEVATION + 151.092
										B.M. 50-1 TO T.B.M. #2 + 69.484
										T.B.M. #2 TO B.M. 50-1 + 81.608
		177.788					26.696			

F.B. 2400 P.G. 14

76P526 S & E #379 1-54

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

Name A CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.869		040		#	6.127		036		B.M. 50-2
	1.829		040			6.091		037		CRENSHAW BLVD., 0.75 MI. S. OF
	1.789		.080 ✓			6.054		.073 ✓		PALOS VERDES DRIVE N.
1	5.487 ✓	1.829 ✓		.080		18.272 ✓	6.091 ✓		.073	SEE F.B. 2400-8 FOR DESC
	2.015		076			10.995		074		
	1.939		075 ✓			10.921		072		T. J. MOODY
	1.864		151			10.849		146 ✓		
2	5.818 ✓	1.939 ✓		.231		32.765 ✓	10.922 ✓		.219	
	0.471		107			11.813		111		
	0.364		105			11.702		111		
	0.259		212 ✓			11.591		222 ✓		
3	1.094 ✓	0.365 ✓		.443		35.106 ✓	11.702 ✓		.441	
	0.662		089			10.000		088		
	0.573		089			9.912		087		
	0.484		178 ✓			9.825		175 ✓		
4	1.719 ✓	0.573 ✓		.621		29.737 ✓	9.912 ✓		.616	
	1.674		089			11.399		094		
	1.585		088 ✓			11.305		094		
	1.497		177 ✓			11.211		188 ✓		
5	4.756 ✓	1.585 ✓		798		33.915 ✓	11.305 ✓		.804	
		6.291 ✓					49.932 ✓			

F.B. 2400 P.G. 45

76P526 S & E #379 1-54

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

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301,02
From B.M. 50-2 To B.M. 50-1
Date 1-13-56
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
	1.559	6.291 ✓	092	.798		10.859	49.932 ✓	091	.804	
	1.467		092			10.768		091		
	1.375		184 ✓			10.677		182 ✓		
6	4.401 ✓	1.467 ✓		.982		32.304 ✓	10.768 ✓		.986	
	1.168		101			11.877		104		
	1.067		104			11.773		102		
	0.963		205 ✓			11.671		206 ✓		
7	3.198 ✓	1.066 ✓		1.187		35.321 ✓	11.774 ✓		1.192	
	0.742		105			11.618		105		
	0.637		106			11.513		102		
	0.531		211 ✓			11.411		207 ✓		
8	1.910 ✓	0.637 ✓		1.398		34.542 ✓	11.514 ✓		1.309	
	2.168		080			9.252		079		-93.161 ✓
	2.088		080			9.173		078		111.509 ✓
	2.008		160 ✓			9.095		157 ✓		-51.612 ✓
9	6.264 ✓	2.088 ✓		1558		27.520 ✓	9.173 ✓		1.556	T.B.m.#2 CRENSHAW BLVD, E.S.D.
	3.742	1.543 ✓	036			7.258	2.419 ✓	039		0.55 mi. S. of PALOS VERDES DR. N
	3.706		037			7.219		040		CHISLED SQ. IN W'LY COR. CATCH BASIN
	3.669		073 ✓			7.179		079 ✓		
10	11.117 ✓	3.706 ✓		1.631		21.656 ✓	7.219 ✓		1.635	
		15.255 ✓					100.380 ✓			

F.B. 2400 P.G. 46

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:10 Rod No 11812

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.556	15.255 ✓	045	1.631		11.561	100.380 ✓	049	1.635	
	0.511		046			11.512		049		
	0.465		091 ✓			11.463		098 ✓		
11	1.532 ✓	0.511 ✓		1.722		34.536 ✓	11.512 ✓		1.733	
	2.030		148			9.214		149		
	1.882		144			9.065		148		
	1.738		292 ✓			8.917		297 ✓		
12	5.650 ✓	1.883 ✓		2.024		27.196 ✓	9.065 ✓		2.030	
	0.957		085			10.189		077		
	0.872		084			10.112		074		
	0.788		169 ✓			10.038		151 ✓		
13	2.617 ✓	0.872 ✓		2.183		30.339 ✓	10.113 ✓		2.181	
	1.321		096			11.762		090		
	1.225		094			11.672		093		
	1.131		190 ✓			11.579		183 ✓		
14	3.677 ✓	1.226 ✓		2.373		35.013 ✓	11.671 ✓		2.364	
	2.453		122			10.442		117		
	2.331		123			10.325		117		
	2.208		245 ✓			10.208		234 ✓		
15	6.992 ✓	2.331 ✓		2.618		30.977 ✓	10.326 ✓		2.598	
		22.078 ✓					153.067 ✓			

F.B. 2400 P.G. 47

76P526 S & E #379 1-54

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-2 To B.M. 50-1
Date 1-13-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.679	22.078 ✓	161	2.618		11.832	153.067 ✓	165	2.598	
	3.518		161			11.667		165		
	3.357		322			11.502		330 ✓		
16	10.554 ✓	3.518 ✓		2.940		35.001 ✓	11.667 ✓		2.928	
	1.638		119			9.967		122		
	1.519		116			9.845		120		
	1.403		235			9.725		242 ✓		
17	4.560 ✓	1.520 ✓		3.175		29.537 ✓	9.846 ✓		3.170	
	1.558		144			5.179		123		
	1.414		142			5.056		123		
	1.272		286			4.933		246 ✓		
18	4.244 ✓	1.415 ✓		3.461		15.168 ✓	5.056 ✓		3.416	B.M. 50-1
										CRENSHAW BLVD. 0.34 MI. S. OF PALOS VERDES DR. N.
										SEE F.B. 2400-7 FOR DESC
										SUMMATION OF RUN
										B.M. 50-2 TO B.M. 50-1
										TOTAL BACKSIGHTS +28.531 ✓
										TOTAL FORESIGHTS -179.636 ✓
										DIFF. IN ELEVATION -151.105 ✓
										Bm. #2 To T.B.m. #2 -81.612 ✓
										-69.493 ✓
		28531 ✓					179.636 ✓			

F.B. 2400 P.G. 48

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 11:05 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No 0301.02
From B.M. 50-2 To B.M. 50-3
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.231		123		#11	0.699		116		B.M. 50-3
	11.108		123			0.583		115		CRENSHAW BLVD., 0.25 MI. S. OF
	10.985		246 ✓			0.468		231 ✓		PALOS VERDES DR. N.
1.	33.324	11.108 ✓		.246		1.750	0.583 ✓		.231	SEE F.B. 2400-9 FOR DESC.
	10.441		082			0.455		081		
	10.359		081			0.374		079		T J. MOODY
	10.278		163 ✓			0.295		160 ✓		
2.	31.078	10.359 ✓		.409		1.124	0.375 ✓		.391	
	10.708		083			0.603		084		
	10.625		083			0.519		082		
	10.542		166 ✓			0.437		166 ✓		
3	31.875	10.625 ✓		.575		1.559	0.520 ✓		.557	
	11.688		099			0.672		094		
	11.589		097			0.578		093		
	11.492		196 ✓			0.485		187 ✓		
4	34.769	11.590 ✓		.771		1.735	0.578 ✓		.744	
	11.552		090			0.578		098		
	11.462		089			0.490		089		
	11.373		179 ✓			0.401		187 ✓		
5	34.387	11.462 ✓		.950		1.469	0.490 ✓		.931	
		55.144 ✓					2.546 ✓			

F.B. 2400 PG. 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. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-2 To B.M. 50-3
Date 1-12-56
Indexed A. C. Johnson

F.B. 2400 P.G. 50

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.591	55.144 ✓	083	.950		1.271	2.546 ✓	080	.931	
	11.508		083			1.191		080		
	11.425		166 ✓			1.111		160 ✓		
6	34.524	11.508 ✓		1.116		3.573	1.191 ✓		1.091	
	11.747		102			1.843		106		
	11.645		101			1.737		106		
	11.544		203 ✓			1.631		212 ✓		
7	34.936	11.645 ✓		1.319		5.211	1.737 ✓		1.303	
	9.431		066			1.312		070		
	9.365		066			1.242		070		
	9.299		132 ✓			1.172		140 ✓		
8	28.095	9.365 ✓		1451		3.726	1.242 ✓		1.443	
	8.309		045			0.857		054		
	8.265		043			0.803		051		
	8.220		088 ✓			0.752		105 ✓		
9	24.794	8.265 ✓		1.539		2.412	0.804 ✓		1.548	
	11.597		086			0.902		089		
	11.511		084			0.813		087		
	11.427		170 ✓			0.726		176 ✓		
10	34.535	11.512 ✓		1.709		2.441	0.814 ✓		1.724	
		107.439 ✓					8.334 ✓			

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-2 To B.M. 50-3
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.263	107.439	104	1.709		1.294	8.334	112	1.724	
	11.159		101			1.182		108		
	11.058		205			1.074		220		
11	33.480	11.160		1.914		3.550	1.183		1.944	
	10.463		070			0.712		070		
	10.393		070			0.642		070		
	10.323		140			0.572		140		
12	31.179	10.393		2.054		1.926	0.642		2.084	
	10.402		071			0.768		075		
	10.331		072			0.693		074		
	10.259		143			0.619		149		
13	30.992	10.331		2.197		2.080	0.693		2.233	
	11.462		105			1.506		094		
	11.357		106			1.412		096		
	11.251		211			1.316		190		
14	34.070	11.357		2.408		4.234	1.411		2.423	
	10.908		075			0.395		076		
	10.833		074			0.319		074		
	10.759		149			0.245		150		
15	32.500	10.833		2.557		0.959	0.320		2.573	
		161.513					12.583			

F.B. 2400 P.G. 51

76P526 S & E #379 1-5

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 11:00 Rod No. 11 912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 50-2 To B.M. 50-3
Date 1-12-56
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
	11.761	161.513	085	2.557		0.618	12.583	068	2.573	
	11.676		085			0.550		068		B.M. 50-3
	11.591		170			0.482		136		CRENSHAW BLVD, 1.10 MI. S. OF
16	35.028	11.676		2.727		1.650	0.550		2.709	PALOS VERDES DR. N
									2.727	SEE F.B. 2400-9 FOR DESC.
									5.436	
									= .35 mi	
										SUMMATION OF RUN
										B.M. 50-2 TO B.M. 50-3
										TOTAL BACKSIGHTS +173.189
										TOTAL FORESIGHTS - 13.133
										DIFF IN ELEVATION +160.056
		173.189					13.133			

F.B. 2400 P.G. 52

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From B.M. 50-3 To B.M. 50-2
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.535		077		#11	11.661		076		B.M. 50-3
	0.458		078			11.585		074		CRENSHAW BLVD, 1.10 MI. S. OF
	0.380		155 ✓			11.511		150 ✓		PALOS VERDES DR. N.
1	1.373 ✓	0.458 ✓		155	70°	34.757 ✓	11.586 ✓		150	SEE F.B. 2400-9 FOR DESC
	0.459		074			10.973		075		
	0.385		075			10.898		075		
	0.310		149 ✓			10.823		150 ✓		
2	1.154 ✓	0.385 ✓		304		32.694 ✓	10.898 ✓		300	T J. MOODY
	1.232		100			11.182		102		
	1.132		99			11.080		101		
	1.033		199 ✓			10.979		203		
3	3.397 ✓	1.132 ✓		503		33.241 ✓	11.080 ✓		503	
	0.752		074			10.383		070		
	0.678		076			10.313		070		
	0.602		150 ✓			10.243		140 ✓		
4	2.032 ✓	0.677 ✓		653		30.939 ✓	10.313 ✓		643	F.B. 2400 P.G. 53
	0.722		069			10.477		070		
	0.653		070			10.407		070		
	0.583		139 ✓			10.337		140 ✓		
5	1.958 ✓	0.653 ✓		792		31.221 ✓	10.407 ✓		783	
		3.305 ✓					54.284 ✓			

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-3 To B.M. 50-2
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.203	3.305 ✓	110	.792		11.173	54.284 ✓	102	.783	
	1.093		110			11.071		103		
	0.983		220 ✓			10.968		205 ✓		
6	3.279 ✓	1.093 ✓		1.012		33.212 ✓	11.071 ✓		.988	
	0.961		089			11.654		085		
	0.872		087			11.569		085		
	0.785		176 ✓			11.484		170 ✓		
7	2.618 ✓	0.873 ✓		1.188		34.707 ✓	11.569 ✓		1.158	
	0.937		054			8.388		044		
	0.883		052			8.344		044		
	0.831		106 ✓			8.300		088 ✓		
8	2.651 ✓	0.884 ✓		1.294		25.032 ✓	8.344 ✓		1.246	
	1.370		067			9.495		068		
	1.303		068			9.427		068		
	1.235		135 ✓			9.359		136 ✓		
9	3.908 ✓	1.303 ✓		1.429		28.281 ✓	9.427 ✓		1.382	
	1.901		106			11.863		102		
	1.795		107			11.701		101		
	1.688		213 ✓			11.600		203 ✓		
10	5.384 ✓	1.795 ✓		1.642		35.164 ✓	11.701 ✓		1.585	
		9.253 ✓					106.396 ✓			

F.B. 2400 P.G. 54

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-3 To B.M. 50-2
Date 1-12-56
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
	1.245	9.253 ✓	080	1.642		11.566	106.396 ✓	083	1.585	
	1.165		081			11.483		081		
	1.084		161 ✓			11.402		164 ✓		
11	3.494 ✓	1.165 ✓		1.803		34.451 ✓	11.484 ✓		1.749	
	0.408		089			11.383		090		
	0.319		088			11.293		089		
	0.231 ✓		177 ✓			11.204 ✓		179 ✓		
12	0.958 ✓	0.319 ✓		1.980		33.880 ✓	11.293 ✓		1.928	
	0.803		091			11.822		100		
	0.712		093			11.722		099		
	0.619 ✓		184 ✓			11.623 ✓		199 ✓		
13	2.134 ✓	0.711 ✓		2.164		35.167 ✓	11.722 ✓		2127	
	0.577		084			10.682		084		
	0.493		083			10.598		085		
	0.410 ✓		167 ✓			10.513 ✓		169 ✓		
14	1.480 ✓	0.493 ✓		2.331		31.793 ✓	10.598 ✓		2.296	
	0.702		076			10.696		086		
	0.626		076			10.610		085		
	0.550 ✓		152 ✓			10.525 ✓		171 ✓		
15	1.878 ✓	0.626 ✓		2.483		31.831 ✓	10.610 ✓		2.467	
		12.567 ✓					62.103 ✓			

F.B. 2400 P.G. 55

76P526 S & E #379 1-54

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

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-3 To B.M. 50-2
Date 1-12-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.471	12.567 ✓	114	2483		11.009	162.103 ✓	126	2.467	
	0.357		112			10.883		125		B.M. 50-2
	0.245		226 ✓			10.758		251 ✓		CRENSHAW BLVD, 0.75 MI. S. OF
16	1.073 ✓	0.358 ✓		2.709		32650 ✓	10.883 ✓		2.718	PALOS VERDES DR. N
										SEE F.B. 2400-8 FOR DESC.
										SUMMATION OF RUN
										B.M. 50-3 TO B.M. 50-2
										TOTAL BACKSIGHTS + 12.925 ✓
										TOTAL FORESIGHTS - 172.986 ✓
										DIFF IN ELEVATION = 160.061 ✓
		12.925 ✓					172.986 ✓			

F.B. 2400 P.G. 56

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:15 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-3 To B.M. 50-4
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.458		114		#11	0.575		122		B.M. 50-3
	9.344		112			0.453		121		CRENSHAW BLVD., 110 mi. S.
	9.232		226 ✓			0.332		243 ✓		OF PALOS VERDES DR. N.
1	28.034 ✓	9.345 ✓		226	70°	1.360 ✓	0.453 ✓		243	SEE F.B. 2400-9 FOR DESC.
	10.496		078			1.011		079		
	10.418		079			0.932		077		T J. MOODY
	10.339		157 ✓			0.855		156 ✓		
2	31.253 ✓	10.418 ✓		383		2.798 ✓	0.933 ✓		399	
	11.991		112			0.588		110		
	11.879		108			0.478		110		
	11.771		220 ✓			0.368		220 ✓		
3	35.641 ✓	11.880 ✓		603		1.434 ✓	0.478 ✓		619	
	10.003		125			0.499		117		
	9.878		126			0.382		114		
	9.752		251 ✓			0.268		231 ✓		
4	29.633 ✓	9.878 ✓		854		1.149 ✓	0.383 ✓		850	
	9.901		152			1.457		159		
	9.749		151			1.298		159		
	9.598		303 ✓			1.139		318 ✓		
5	29.248 ✓	9.749 ✓		1157		3.894 ✓	1.298 ✓		1168	
		51.270 ✓					3.545 ✓			

F.B. 2400 P.G. 57

76P526 S & E #379 1-54

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Chief of Party E. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by E. E. DREIER Time 2:20 TO 3:15 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 630102
From B.M. 50-3 To B.M. 50-4
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.763	51.270	161	1.157		1.793	3.545	155	1.168	+62.872
	11.602		160			1.638		156		- 5.183
	11.442		321			1.482		311		+57.689
6	34.807	11.602		1.478		4.913	1.638		1.479	
		62.872					5.183		1478	T.B.M. # 3
									2957	CRENSHAW BLVD. N.W'LY SIDE,
									=0.19mi.	1.25 MI. S. OF PALOS VERDES DR. N.
										P.K. SPK IN HEADWALL 7 FT
	5.902		044			3.522		030		S'LY FROM N. END
	5.858		045			3.492		031		
	5.812		089			3.461		061		
7	17.573	5.858		1.567		10.475	3.492		1540	
	11.159		120			0.578		120		
	11.039		118			6.458		117		
	10.921		238			0.341		237		
8	33.119	11.040		1.805		1.377	0.459		1.777	
	9.842		175			2.898		185		
	9.667		178			2.713		181		
	9.489		353			2.532		366		
9	28.998	9.666		2.158		8.143	2.714		2143	
		26.364					6.665			

F.B. 2400 P.G. 58

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-3 To B.M. 50-4
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6 893	26.564 ✓	180	2.158		3,406	6.665 ✓	176	2.143	
	6.713		178			3.230		178		
	6.535		358 ✓			3,052 ✓		354 ✓		
10	20,141 ✓	6,714 ✓		2.516		9,688	3.229 ✓		2497	
	7 312		177			3341		170		
	7.135		176			3.171		171		
	6,959 ✓		353 ✓			3.000 ✓		341 ✓		
11	21.406 ✓	7.135 ✓		2,869		9,512	3.171 ✓		2,838	+ 46.910 ✓
	6,672		174			3.651		156		- 16.560 ✓
	6498		176			3.495		157		+ 30.350 ✓
	6,322 ✓		350 ✓			3.338 ✓		313 ✓		
12	19.492 ✓	6.497 ✓		3.219		10,484	3.495 ✓		3.151	
		46.910 ✓					16.560 ✓		3.219	T.B.M. # 4
									6.370	CRENSHAW BLVD, N. SIDE, 0.5
									= 0.4/mi.	MI. E. OF SILVER SPUR RD.
										L.&T. IN CENTER OF E. HEAD-
	8.649		150			0.691		140		WALL AT ENTRANCE TO
	8.499		148			0.551		143		DETENTION CAMP
	8.351 ✓		298 ✓			0.408 ✓		283 ✓		
13	25,499 ✓	8.500 ✓		3,517		1,650	0.550 ✓		3,434	

F.B. 2440 P.G. 57

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-3 To B.M. 50-4
Date 1-11-56
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
	10.720	8.500 ✓	100	3.517		1.951	0.550 ✓	140	3434	+ 19.120 ✓
	10.620		100			1.811		139		- 2.361 ✓
	10.520 ✓		200 ✓			1.672 ✓		279 ✓		+ 16.759 ✓
14	31.860 ✓	10.620 ✓		3.717		5.434 ✓	1.811 ✓		3713	B.M. 50-4
		19.120 ✓					2.361 ✓		3717	CRENSHAW BLVD 0.5 mi. E. OF
									7.420	SILVER SPUR RD.
									= 0.48 mi	SEE F.B. 1373-10 FOR DESC.
										SUMMATION OF RUN
					DIFF IN ELEV.	B.M. 50-3	TO	T.B.M. # 3		+ 57.689 ✓
					" "	T.B.M. # 3	TO	T.B.M. # 4		+ 30.350 ✓
					" "	T.B.M. # 4	TO	B.M. 50-4		+ 16.759 ✓
					" "	B.M. 50-3	TO	B.M. 50-4		+ 104.798 ✓

F.B. 2400 P.G. 60

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M.50-4 To B.M.50-3
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.496		125		#11	11.296		117		B.M.50-4
	2.371		121			11.179		116		CRENSHAW BLVD, S. SIDE, 0.5 MI.
	2.250		246 ✓			11.063		233 ✓		E. OF SILVER SPUR RD.
1	7.117 ✓	2.372 ✓		246		33538 ✓	11.179 ✓		233	SEE F.B. 2400-10 FOR DESC.
	0816		125			8.779		143		+ 3.063 ✓
	0.691		126			8.636		144		- 19.815 ✓
	0.565		25 ✓			8.492		287 ✓		- 16.752 ✓
2	2.072 ✓	0.691 ✓		497		25.907 ✓	8.636 ✓		.520	
		3.063 ✓					19.815 ✓			T.B.M. # 4
										CRENSHAW BLVD, N. SIDE, 0.5 MI.
										E. OF SILVER SPUR RD., L. & T. IN
										CENTER OF E. HEADWALL AT
	3.735		164			6.742		168		ENTRANCE TO DETENTION CAMP.
	3571		166			6.574		166		
	3.405		330 ✓			6.408		334 ✓		F.B. 2400 P.G. 61
3	10.711 ✓	3.570 ✓		.827		19.724 ✓	6.575 ✓		.854	
	3.762		171			7.737		178		
	3.591		170			7559		176		
	3.421		341 ✓			7383		354 ✓		
4	10.774 ✓	3.591 ✓		1.168		22.679 ✓	7.560 ✓		1.208	
		7.161 ✓					14.135 ✓			

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.388	7.161 ✓	176	1.168		6.878	14.135 ✓	181	1.208	
	3.212		176			6.697		180		
	3.036		352 ✓			6.517		361 ✓		
5	9.636 ✓	3.212 ✓		1.520		20.092 ✓	6.697 ✓		1.569	
	2.937		184			9.883		176		
	2.753		181			9.707		178		
	2.572		365 ✓			9.529		354 ✓		
6	8.262 ✓	2.754 ✓		1.885		29.119 ✓	9.706 ✓		1.923	
	0.652		119			11.236		119		
	0.533		116			11.117		119		
	0.417		235 ✓			10.998		238 ✓		
7	1.602 ✓	0.534 ✓		2.120		33.351 ✓	11.117 ✓		2.161	+ 16.315 ✓
	2.702		049			5.058		036		- 46.677 ✓
	2.653		047			5.022		035		- 30.362 ✓
	2.606		096 ✓			4.987		071 ✓		
8	7.961 ✓	2.654 ✓		2.216		15.067 ✓	5.022 ✓		2.232	
		16.315 ✓					46.677 ✓			T.B.M. #3 N.W'LY SIDE CRENSHAW BLVD, 1.25 M. N. OF PALOS VERDES DR, P.K. SPK. IN HEADWALL, 7 FT. FROM N. END.

F.B. 2400 P.G. 42

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.807		159	2.216		11.775		162	2.232	
	1.648		156			11.613		162		
	1.492		315 ✓			11.451		324 ✓		
9	4.947 ✓	1.649 ✓		2.531		34.839 ✓	11.613 ✓		2.556	
	1.723		160			10.171		153		
	1.563		156			10.018		151		
	1.407		316 ✓			9.867		304 ✓		
10	4.693 ✓	1.564 ✓		2.847		30.056 ✓	10.019 ✓		2.860	
	0.812		117			10.317		126		
	0.695		116			10.191		128		
	0.579		233 ✓			10.063		254 ✓		
11	2.086 ✓	0.695 ✓		3.080		30.571 ✓	10.190 ✓		3.114	
	0.561		110			11.968		110		
	0.451		108			11.858		110		
	0.343		218 ✓			11.748		220 ✓		
12	1.355 ✓	0.452 ✓		3.298		35.574 ✓	11.858 ✓		3.334	
	0.800		077			10.286		078		
	0.723		076			10.208		076		
	0.647	3 22	153 ✓			10.132		154 ✓		
13	2.170 ✓	0.723 ✓		3.451		30.626 ✓	10.209 ✓		3.488	
		5.083 ✓					53.889 ✓			

F.B. 2400 P.G. 63

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-11-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.612	5.083 ✓	121	3.451		9.493	5.389 ✓	114	3.488	+5.573
	0.491		123			9.379		111		-63.269
	0.368		244			9.268		225 ✓		-57.696
14	1.471 ✓	0.490 ✓		3.695		28.140 ✓	9.380 ✓		3.713	B.M. 50-3
		5.573 ✓					63.269 ✓			CRENSHAW BLVD. W. SIDE, 1.10 MI. S. OF PALOS VERDES DR. N.
										SEE F.B. 2400-9 FOR DESC.
										SUMMATION OF RUN
						DIFF. IN ELEV. B.M. 50-4 TO T.B.M. #4				- 16.752 ✓
						" " "		T.B.M. #4 TO T.B.M. #3		- 30.362 ✓
						" " "		T.B.M. #3 TO B.M. 50-3		- 57.696 ✓
						" " "		B.M. 50-4 TO B.M. 50-3		104.810 ✓

F.B. 2400 P.G. 64

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 3:20 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-11-56
Indexed A. C. Johnson

RERUN

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.063		138			10.835		100		B.M. 50-4
	1.925		137			10.735		100		CRENSHAW BLVD, 0.5 MI E. OF
	1.788		275 ✓			10.635		200 ✓		SILVER SPUR RD.
1	5.776 ✓	1.925 ✓		2.75		32.205 ✓	10.735 ✓		200	SEE F.B 2400-10 FOR DESC.
	1.463		122			9.455		169		+ 3.266 ✓
	1.341		122			9.288		169		- 20.022 ✓
	1.219		244 ✓			9.119		336 ✓		- 16.756 ✓
2	4.023 ✓	1.341 ✓		.519		27.862 ✓	9.287 ✓		.536	
		3.266 ✓					20.022 ✓			T.B.M. #4
										CRENSHAW BLVD, N. SIDE, 0.5 MI.
										E. OF SILVER SPUR RD, L.B.T. IN
									1-13-56	MIDDLE OF ROCK HEADWALL AT
	3.952		165			6.962		167		E SIDE ENTRANCE TO DETENTION CAMP
	3.787		165			6.795		168		
	3.622		330 ✓			6.627		335 ✓		F.B. 2400 P.G. 62
3	11.361 ✓	3.787 ✓		.849		20.384 ✓	6.795 ✓		.871	
	3.639		170			7.612		178		
	3.469		170			7.434		175		
	3.299		340 ✓			7.259		353 ✓		
4	10.407 ✓	3.469 ✓		1.189		22.305 ✓	7.435 ✓		1.224	
		7.256 ✓					14.230 ✓			

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

Name L.A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-13-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.568	7.256 ✓	177	1.189		7.057	14.230 ✓	180	1.224	
	3.391		176			6.877		179		
	3.215		353 ✓			6.698		359 ✓		
5	10.174 ✓	3.391 ✓		1.542		20.632 ✓	6.877 ✓		1.583	
	3.049		182			9.998		178		
	2.867		182			9.820		177		
	2.685		364 ✓			9.643		355 ✓		
6	8.601 ✓	2.867 ✓		1.906		29.461 ✓	9.820 ✓		1.938	
	0.843		115			11.431		120		
	0.728		117			11.311		120		
	0.611		232 ✓			11.191		240 ✓		
7	2.182 ✓	0.727 ✓		2.138		33.933 ✓	11.311 ✓		2.178	+17.135 ✓
	2.938		043			5.301		038		-47.502 ✓
	2.895		045			5.263		036		-30.367 ✓
	2.850		088 ✓			5.227		074 ✓		
8	8.683 ✓	2.894 ✓		2.226		15.791 ✓	5.264 ✓		2.252	
		17.135 ✓					47.502 ✓			T.B.M. # 3 N.W.LY SIDE CRENSHAW BLVD, 1.25 MI. S. OF PALOS VERDES DR. N., P.K. SPK IN ROCK HEADWALL 7FT. S. OF N. END

F.B. 2400 P.G. 66

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 R. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-13-56
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
	1.658		156	2.226		11.631		163	2.252	
	1.502		154			11.468		162		
	1.348		310			11.306		325		
9	4.508	1.503		2,536		34.405	11.468		2,577	
	1.531		160			9.971		152		
	1.371		160			9.819		152		
	1.211		320			9.667		304		
10	4.113	1.371		2856		29.457	9.819		2881	
	0.572		115			9.963		126		
	0.457		115			9.837		126		
	0.342		230			9.711		252		
11	1.371	0.457		3086		29.511	9.837		3,133	
	0.413		108			11.939		111		
	0.305		107			11.828		111		
	0.198		215			11.717		222		
12	0.916	0.305		3.301		35.484	11.828		3.355	F.B. 24100 P.G. 67
	0.913		078			10.398		077		
	0.835		077			10.321		076		
	0.758		155			10.245		153		
13	2.506	0.835		3.456		30.964	10.321		3.508	
		4.471					53.273			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:45 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-4 To B.M. 50-3
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.493	4.471	130	3.456		9.341	5.273	106	3.508	+ 4.835 ✓
	0.363		127			9.235		105		− 62.508 ✓
	0.236		257			9.130		211		− 57.673 ✓
14	1.092	0.364		3.713	63°	27.706	9.235		3.719	B.M. 50-3
		4.835					62.508			CRENSHAW BLVD, 1.50 mi. S. OF
										PALOS VERDES DR. N.
										SEE F.B. 2400-9 FOR DESC.
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 50-4 TO T.B.M. #4 − 16.756 ✓
										" " " T.B.M. #4 TO T.B.M. #3 − 30.367 ✓
										T.B.M. #3 TO B.M. 50-3 − 57.673 ✓
										B.M. 50-4 TO B.M. 50-3 − 104.796 ✓

F.B. 2400 P.G. 68

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather windy sun Inst. No. 50010
Notes by J. A. Moody Time 2:00 to 3:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 50-3 To B.M. 50-4
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9865		112		#11	0982		121		B.M. 50-3
	9753		112			0861		121		CRENSHAW BLVD, 1.10 MI. S. OF
	9641		224 ✓			0740		242 ✓		PALOS VERDES DR. S.
1	29259 ✓	9.753 ✓		224	63°	2583 ✓	0861 ✓		242	SEE F.B. 2400-9 FOR DESC.
	10736		079			1251		078		T G.E. Dreier
	10657		077			1173		079		
	10580 ✓		156 ✓			1094		157 ✓		
2	31973 ✓	10.658 ✓		380		3518 ✓	11.73 ✓		399	
	11983		111			0461		109		
	11872		110			0352		109		
	11762 ✓		221 ✓			0243		218 ✓		
3	35417 ✓	11.872 ✓		601		1056 ✓	0352 ✓		617	
	9957		124			0573		118		
	9833		122			0455		117		
	9711 ✓		246 ✓			0338 ✓		235 ✓		
4	29501 ✓	9.834 ✓		847		1366 ✓	0455 ✓		852	
	10474	42.117 ✓	155			2022	2.841 ✓	154		
	10319		154			1868		155		
	10165 ✓		309 ✓			1713 ✓		309 ✓		
5	30958 ✓	10.319 ✓		1156		5603 ✓	1.868 ✓		1161	
		52.436 ✓					4.709 ✓			

F.B. 2400 P.G. 69

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Windy SUN Inst. No 50.0.10
Notes by J.A. Moody Time 2:00 to 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.102
From BM 50-3 To BM 50-4
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11955	52.436	163	1,156		2012	4709	155	1,161	
	11822		163			1857		155		+64.258
	11659		320			1702		310		- 6.566
6	35466	11,822		1482		5571	1857		1471	+57.692
		64.258					6.566			T.B.M. #3
										CRENSHAW BLVD, N.WLY SIDE,
										1.25 MI. S. OF PALOS VERDES DR N.
										P.K. SPK IN ROCK HEADWALL 7FT
	6032		043			3654		031		S OF N'LY END.
	5989		044			3623		033		
	5945		087			3590		064		
7	17966	5.989		1569		10867	3.622		1535	
	11432		119			0850		119		
	11313		118			0731		117		
	11195		237			0614		236		
8	33940	11,313		1866		2195	0732		1771	
	10102		174			3163		186		
	9928		171			2977		187		
	9757		345			2790		373		
9	29787	9929		2151		8930	2977		2144	
		27231					7331			

F.B. 2400 P.G. 70

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather Windy Sun Inst. No. 50010
Notes by J. A. Moody Time 2:00 to 3:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 2301.02
From B. M. 50-3 To B. M. 50-4
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7201	2723 ✓	179	2151		3713	7.331 ✓	176	2,144	
	7022		179			3537		176		
	6843		358 ✓			3361		352 ✓		
10	21066	7.022 ✓		2,509		10611 ✓	3.537 ✓		2496	
	7477		175			3506		170		
	7302		177			3336		169		
	7125 ✓		352 ✓			3167 ✓		339 ✓		
11	21904	7301 ✓		2861		10009 ✓	3336 ✓		2835	
	7093		161			4099		171		
	6932		160			3928		170		+ 48.486 ✓
	6772 ✓		321 ✓			3758 ✓		341 ✓		- 18.132 ✓
12	20797	6932 ✓		3182		11785 ✓	3.928 ✓		3176	+ 30.354 ✓
		48.486 ✓					18.132 ✓			T.B.M. 4
										CRENSHAW BLVD, N. SIDE, 0.5 MI. E. OF SILVER SPUR RD.
										L. & T. IN CENTER OF HEADWALL
	8583		133			0631		130		ON E. SIDE OF ENTRANCE TO DETENTION CAMP
	8450		134			0501		129		
	8316 ✓		267 ✓			0372 ✓		259 ✓		
13	25349	8.450 ✓		3449		15045 ✓	0.501 ✓		3435	

F.B. 7400 P.G. 71

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. DREIER Weather Windy SUN Inst. No 50010
Notes by J.A. Moody Time 2:00 to Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 50-3 To BM 50-4
Date 1-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10858	8450 ✓	114	3449		2058	0501 ✓	124	3435	+19.194 ✓
	10744		115 ✓			1934		123 ✓		- 2.435 ✓
	10629 ✓		229 ✓			1811 ✓		247		+ 16.759 ✓
14	32231 ✓	10744 ✓		3678		5803 ✓	1934 ✓		3682	B.M. 50-4
		19194 ✓					2435 ✓			CRENSHAW BLVD, 0.5 MI. E. OF
										SILVER SPUR RD.
										SEE FB 2400-10 FOR DESC.
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 50-3 TO T.B.M. #3 +57.692 ✓
										" " " T.B.M. #3 TO T.B.M. #4 +30.354 ✓
										T.B.M. #4 TO B.M. 50-4 +16.759 ✓
										B.M. 50-3 TO B.M. 50-4 +104.805 ✓

F.B. 2400 P.G. 12

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather THIN FOG Inst. No. 50010
Notes by G.E. DREIER Time 9:30 to 10:45 Rod No 11 & 12

Name LA Co. Precise Level Net
Job No. 0301.02
From B.M. 50-4 To B.M. 50-5
Date 1-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.765		207		#11	6.841		202		B.M. 50-4
	5.558		205			6.639		201		CRENSHAW BLVD, S. SIDE, 0.5
	5.353		412			6.438		403		MI. E OF SILVER SPUR RD.
1	16.676	5.559		412	64°	19.918	6.639		403	SEE F.B. 2400-10 FOR DESC
	3.115		162			9.731		173		
	2.953		160			9.558		173		
	2.793		322			9.385		346		
2	8.861	2.954		.734		28.674	9.558		.749	
	6.579		198			4.629		207		+ 20.557
	6.381		196			4.472		207		- 23.942
	6.185		394			4.265		444		DIFF 50-4 TO T.B.M. #5 - 3.385
3	19.145	6.382		.128		13.416	4.472		.163	
	5.715		053			3.320		047		T.B.M. #5
	5.662		054			3.273		046		CRENSHAW BLVD, S'LY SIDE
	5.608		107			3.227		093		0.35 MI. E. OF SILVER SPUR RD
4	16.985	5.662		1.235		9.820	3.273		1.256	L.& T. IN N.E COR OF ANGULAR HEADWALL
	4.410	20.557	155			1.955	23.942	153		
	4.253		154			1.822		152		
	4.098		312			1.670		305		
5	12.760	4.253		1.547		5.467	1.822		1.561	

F.B. 2400 P.G. 73

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G.E.DREIER Time 9:30 TO 10:45 Rod No. 11 & 12

Name L.A.CO.PRECISE LEVEL NET
Job No. 030102
From B.M.50-4 To B.M.50-5
Date 1-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.852	4.253	099	1.547		0.397	1.822	102	1.561	
	8.753		097			0.295		100		
	8.654		198			0.199		202		
6	26.259	8.753		1.745		1.387	0.796		1.763	
	10.579		101			0.485		102		
	10.478		100			0.383		100		
	10.378		201			0.283		202		
7	31.435	10.478		1.946		1.151	0.384		1.965	
	10.522		119			0.468		111		
	10.203		120			0.357		112		
	10.083		239			0.245		223		
8	30.608	10.203		2.185		1.070	0.357		2.188	
	10.122		103			0.438		105		
	10.019		102			0.243		104		
	9.917		205			0.279		209		
9	30.058	10.019		2.390		1.150	0.383		2.397	
	11.970		163			1.519		154		
	11.807		160			1.365		153		
	11.647		323			1.212		307		
10	35.424	11.808		2.713		4.096	1.365		2.704	
		55.514					5.105			

F.B. 2400 P.G. 74

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather LIGHT FOG Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:45 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-4 To B.M. 50-5
Date 1-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.808	55.514	201	2.713		2.575	5.107	187	2.704	
	7.607		199			2.388		189		
	7.408		400			2.199		376		
11	22.823	7.608		3.113		7.162	2.387		3.080	
	8.939		191			2.348		191		
	8.748		193			2.157		190		
	8.555		384			1.967		381		
12	26.242	8.747		3.497		6.472	2.157		3.461	
	10.442		150			2.131		152		B.M. 50-5
	10.292		151			1.979		148		CRENSHAW BLVD. & SILVER SPUR RD.
	10.141		301			1.831		300		SEE F.B. 2400-11 FOR DESC.
13	30.875	10.292		3.798		5.941	1.980		3.761	
										SUMMATION OF RUN
										+82.161
										-11.631
										DIFF T.B.M. 50-5 +70.530
										" 50-4 TO T.B.M. 5- 3.385
										DIFF. 50-4 TO 50-5 +67.145
		82.161					11.631			F.B. 2400 P.G. 75

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L.A.Co. PRECISE LEVEL NET
Job No 0301.02
From B.M.50-5 To B.M.50-4
Date 1-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.122		150		#11	10.435		152		B.M. 50-5
	1.972		150			10.283		151		CRENSHAW BLVD. & SILVER SPUR RD.
	1.822		300 ✓			10.132		303 ✓		SEE F.B. 2400-11 FOR DESC.
1	5.916 ✓	1.972 ✓		.300	70°	30.850 ✓	10.283 ✓		.303	
	2.413		190			9.012		194		
	2.223		191			8.818		195		
	2.032		381 ✓			8.623 ✓		389 ✓		↑ J. MOODY
2	6.668 ✓	2.223 ✓		.681		26.453	8.818 ✓		.692	
	2.647		189			7.877		202		
	2.458		187			7.675		198		
	2.271		376 ✓			7.477 ✓		400 ✓		
3	7.376 ✓	2.459 ✓		1.057		23.029	7.676 ✓		1.092	
	1.539		158			11.958		160		
	1.381		154			11.828		158		
	1.227		312 ✓			11.690 ✓		318 ✓		
4	4.147 ✓	1.382 ✓		1.369		35.486	11.829 ✓		1.410	
	0.521		104			10.159		105		
	0.417		105			10.054		103		
	0.312		209 ✓			9.951		208 ✓		
5	1.250 ✓	0.417 ✓		1.578		30.164 ✓	10.055 ✓		1.618	
		8.453 ✓					48.661 ✓			

F.B. 2400 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. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 10:45 TO 12:00 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-5 To B.M. 50-4
Date 1-9-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.572	8.453	115	1.578		10.422	48.661	117	1.618	
	0.457		114			10.305		116		
	0.343		229			10.189		233		
6	1.372	0.457		1.807		30.916	10.305		1.851	
	0.559		100			10.652		100		
	0.459		100			10.552		100		
	0.359		200			10.452		200		
7	1.377	0.459		2.007		31.656	10.552		2.051	
	1.121		100			9.083		101		
	1.021		098			8.982		100		
	0.923		198			8.882		201		
8	3.065	1.022		2.205		26.947	8.982		2.252	
	2.032		160			4.450		148		+12.263
	1.872		161			4.302		145		-82.803
	1.711		321			4.157		293		-70.540
9	5.615	1.872		2.526		12.909	4.303		2.545	
									2.526	T.B.M. #5
									5.071 =	CRENSHAW BLVD. S. SIDE 0.35 MI. E. OF
									0.33 MI.	SILVER SPUR RD., L. & T. IN
										ELY COR. OF ANGULAR HEADWALL
		12.263					82.803			

F.B. 2400 P.G. 78

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-5 To B.M. 50-4
Date 1-9-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.389	12,263	051	2,526		5,778	82.863	050	2.545	
	3.338		050			5,728		049		
	8.288		101			5.679		099		+24.558
10	10.015	3.538		2627		17,185	5.728		2,644	-21.178
	4.772		209			6.671		199		DIFF T.B.M. #5 TO 50-4 +3.380
	4.563		206			6.472		197		" 50-5 TO T.B.M. #5 - 70.540
	4.357		415			6.275		396		DIFF 50-5 TO 50-4 - 67.160
11	13,692	4.564		8,042		19.418	6.473		3.040	
	9.983		176			3.317		160		
	9.757		176			3.157		159		
	9.581		352			2.998		319		
12	29.271	9.757		3394		9.472	3.157		3.359	
	7.102		204			6.028		209		B.M. 50-4 SLY-SIDE
	6.898		200			5.819		206		CRENSHAW BLVD. 0.5 M. E.
	6.698		404			5.613		415		OF SILVER SPUR RD.
13	20.698	6.899		3.798		17.460	5.820		3.774	See F.B. 2400-10 for desc.
		24.558					21.178		3798	
									7.572	
									= 0.49 m.	
		36.821					103.981			

F.B. 2400 P.G. 79

76P526 S & E #979 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 SUNNY Inst. No. 50010
Notes by J. A. Moody Time 11:35 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 50-5 To BM 50-6
Date 1-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7618		199		#11	7552		201		BM 50-5
	7419		198			7351		200		Crenshaw Blvd & Silver Spur
	7221 ✓		397 ✓			7151 ✓		401 ✓		R.O. W. Side
1.	22258	7419 ✓		397	58°	22054	7351 ✓		401	See F.B. 2400-10 for desc.
	6493		080			9231		081		℄ G.E. Dreier + 16.832 ✓
	9413		080			9150		082		- 16.501 ✓
	9333 ✓		160 ✓			9068 ✓		163 ✓		+ 0.331 ✓
2.	28239	9413 ✓		557		27449	9,150 ✓		564	
		16832 ✓					16.501 ✓			T.B.M. #6 W. side,
										Crenshaw Blvd, ± 360 ft. S.
										of Silver Spur Rd., P.K. Spk
										in N'ly end of headwall
	11.704		156			2428		148		
	11548		155			2280		146		
	11.393 ✓		311 ✓			2134 ✓		294 ✓		
3.	34645	11.548 ✓		868	64°	6842	2281 ✓		858	F.B. 2400 P.G. 81
	8977		188			2296		192		
	8789		187			2104		192		
	8602 ✓		375 ✓			1912 ✓		384 ✓		
4.	26368	8.789 ✓		1243		6312	2.104 ✓		1242	
		20.337 ✓					4,385 ✓			

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 50010
Notes by J. A. Moody Time 11:35 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-5 To B.M. 50-6
Date 1-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8956	20.337	190	1,243		1380	4385	189	1,242	
	8769		190			1191		189		
	8579		380			1002		378		
5	26307	8.769		1623		3573	1.191		1620	
	10673		189			0901		189		
	10484		187			0712		191		
	10297		376			0521		380		
6	31454	10.485		1999		2134	0711		2000	
	10022		192			0679		188		
	9830		191			0491		189		
	9639		383			0302		377		
7	29491	9.830		2382		1472	0.49		2377	
	7030		072			2512		070		+56.379
	6958		071			2042		069		-9.220
	6887		143			2373		139		+47.159
8	20875	6.958		2525		7327	2442		2516	
		56379					9.220		2525	
									-5041	
									=32 MM.	

F.B. 2400 P.G. 82

T.B.M. # 7
Crenshaw Blvd S. of S, 0.3 mi. SE of Silver Spur Rd, P.K. Spk in W. end of Headwall

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Sunny Inst. No. 50010
Notes by J.A. Moody Time 11:45 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 30102
From BM 50-5 To B.M. 50-6
Date 1-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8690		186	2,525		1455		191	2516	
	8503		186			1264		190		
	8317		372			1074		381		
9.	25510	8.503		2897		3793	1.264		3,897	
	11858		169			0909		197		
	11689		171			0802		197		
	11518		340			0605		394		
10.	35065	11.688		3237		2406	0802		3,291	
	11802		111			0478		109		
	11691		112			0369		110		
	11579		223			0259		219		
11.	35072	11.691		3560		1106	0369		3510	
	11922		102			0434		112		
	11820		102			0322		111		
	11718		204			0211		223		
12.	35460	11.820		3764		0967	0322		3733	
		43.702					2.756		3764	+ 43.702
									7,497	- 2.756
									= 0.48 MI.	+ 40.946
										5

F.B. 2400 P.G. 83

BM 50-6
Cranshaw Blvd E. Side 0.5 Mi. S.E. of Silver Spur Rd.
See F.B. 2400-12 for Desc.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No 50010
Notes by J.A. Moody Time 10:20 to 11:35 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-6 To B.M. 50-5
Date 1-10-56
Indexed K. O. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0391		104		#11	11896		111		B.M. 50-6
	0287		104			11,785		109		CRENSHAW BLVD, 0.5 MI. S.E. OF
	0183		208			11676		220		SILVER SPUR RD
1.	0861	0.287		.208	60°	35357	11.786		220	SEE F.B. 2400-12 FOR DESC
	0504		108			11827		113		
	0396		109			11714		111		″ G.E. Dreier
	0287		217			11603		224		
2.	1187	0.396		425		35144	11,715		444	
	0848		208			11688		163		+ 2.803
	0640		204			11525		163		- 43.747
	0436		412			11362		326		- 40.944
3.	1924	0.641		837		34575	11,525		770	
	1677		198			8903		182		TBM #7 0.3 MI. S.E. OF SILVER SPUR RD
	1479		197			8721		181		CRENSHAW BLVD S SIDE,
	1282		395			8540		363		P.K. SPK IN WEST END of Head
4.	4438	1479		1232		26164	8721		1133	WALL
		2803					43747		1232	
									2,3 0.5	
									= 0.15 mi.	

F.B. 2400-P.G. 85

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J.A.Moody Time 10:20 TO 11:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-6 To B.M. 50-5
Date 1-10-58
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2427		068	1232		6948		071	1133	
	2359		067			6877		072		
	2292		135 ✓			6805		143 ✓		
5	7078 ✓	2359 ✓		1367		20630 ✓	6877 ✓		1276	
	1408		168			10787		214		
	1240		169			10573		210		
	1071 ✓		337 ✓			10363 ✓		424 ✓		
6	3719	1240 ✓		1704		31723	10574 ✓		1700	
	0609		191			10387		191		
	0418		190			10196		189		
	0228 ✓		38 N ✓			10007 ✓		380 ✓		
7	1255 ✓	0418 ✓		2085		30590 ✓	10197 ✓		2080	
	1522		190			9107		191		
	1332		189			8916		189 ✓		
	1143 ✓		379 ✓			8727 ✓		380 ✓		
8	3997	1332 ✓		2464		26750 ✓	8917 ✓		2460	
	2797		195			9418		189		
	2602		193			9289		188		
	2409 ✓		385 ✓			9101 ✓		377 ✓		
9	7808	2603 ✓		2852		27868 ✓	9289 ✓		2837	
		7952 ✓					45854 ✓			

F.B. 2400 P.G. 86

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by J.A.Moody Time 10:20 TO 11:35 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-6 To B.M. 50-5
Date 1-10-55 & 6
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
	2719	7.952 ✓	142	2852		12.003	45.854 ✓	158	2837	
	2577		143			11.845		158		+ 10.529 ✓
	2434 ✓		285 ✓			11.687 ✓		316 ✓		- 57.699 ✓
10.	7730	2.577 ✓		3137		35535	11.845 ✓		3153	- 47.170 ✓
		10.529 ✓					57.699 ✓			T.B.M #6 W. SIDE
										CRENSHAW BLVD & SILVER SPUR RD. ± 360'
										S. OF, P.K. SPK IN ILLY END OF
										ROCK HEADWALL
	9278		085			9537		078		+ 16.533 ✓
	9193		082			9459		077		- 16.867 ✓
	9111 ✓		167 ✓			9382 ✓		155 ✓		- 0.334 ✓
11.	27582	9.194 ✓		3304		28378	9.459 ✓		3308	
	7536		198			7612		204		BM 50-5
	7338		194			7408		203		CRENSHAW BLVD. & SILVER
	7144 ✓		392 ✓			7205 ✓		407 ✓		SPUR RD.
12.	22018	7.339 ✓		3696		22225	7.408 ✓		3715	SEE F.B. 2400-11 FOR DESC.
		16.533 ✓					16.867 ✓		3696	
									7411	
									=0.48m/1	

F.B. 2400 P.G. 87

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No 50010
Notes by J.A. Moody Time 2:40 to 3:05 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #7 To T.B.M. #6
Date 1-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	50-6 TO 50-5 DESCRIPTION AND REMARKS
	2117		064		#11	6643		074		T.B.M. #7 CRENSHAW BLVD.,
	2053		063			6569		074		SLY SIDE, 0.3 ML S.E. OF
	1990		127			6495		148		SILVER SPUR RD., P.K. SPK IN
1	6160	2.053		127	62°	19707	6.569		148	WLY END ROCK HEADWALL
	0743		194			10.072		184		
	0549		192			9888		187		
	0357		386			9701		371		
2	1649	0.550		513		29661	9887		519	
	0749		190			10522		190		
	0559		191			10.332		187		
	0368		381			10145		377		
3	1676	0.559		894		30999	10333		896	
	1376		190			8958		190		
	1186		191			8768		191		
	0995		381			8577		381		
4	3557	1.186		1,275		26303	8.768		1277	
	3285	4,348	195			9966	35.557	190		
	3090		193			9776		189		
	2897		388			9587		379		
5	9272	3091		1,663		29329	9776		1,656	
		7.439					45,333			

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

F.B. 2400 R. 89

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No 50010
Notes by J. A. Moody Time 2:40 to 3:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 630102
From T.B.M. #7 To T.B.M. #6
Date 1-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	50-6 to 50-5 DESCRIPTION AND REMARKS
	2736	7.439 ✓	148	1.663		12.008	45.333 ✓	154	1.656	T.B.M. #6 CRENSHAW BLVD
	2588		148			11.854		152		W. SIDE ± 360 FT. S. OF
	2440		296 ✓			11.702		306 ✓		SILVER SPUR RD., P.K. SPK.
6.	7764	2.588 ✓		1.959		35564	11.855 ✓		1.962	IN N'LY END HEADWALL
		10.027 ✓					57.188 ✓		1.959	
									3.921	
									= 0.25 mi	SUMMATION OF RUN
										T.B.M. #7 TO T.B.M. #6
										TOTAL BACKSIGHTS +10.027 ✓
										TOTAL FORESIGHTS -57.188 ✓
										DIFF IN ELEV. -47.161 ✓
F.B. 2400 P 90										

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

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE & CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:35 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-6 To B.M. 50-7
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9 047		165			1.833		161		B.M. 50-6
	8.882		161			1.672		160		CRENSHAW BLVD, ELY SIDE, 0.5 MI.
	8.721		326 ✓			1.512 ✓		321 ✓		S.E. OF SILVER SPUR RD.
1	26650 ✓	8.883 ✓		.326		5.017 ✓	1.672 ✓		.321	SEE F.B. 2400-12 FOR DESC.
	9.623		101			0.568		111		
	9.522		100			0.457		109		
	9.422 ✓		201 ✓			0.348 ✓		220 ✓		
2	28.567 ✓	9.522 ✓		.527		1.373	0.458 ✓		.541	T. J. MOODY
	11.982		114			2.409		110		
	11.868		113			2.299		107		
	11.755 ✓		227 ✓			2.192 ✓		217 ✓		
3	35.605 ✓	11.868 ✓		.754		6.900	2.300 ✓		.758	
	11.099		141			1.553		140		
	10.958		141			1.413		136		
	10.817 ✓		282 ✓			1.279 ✓		276 ✓		
4	32.874 ✓	10.958 ✓		1.036		4.243	1.414 ✓		1.034	
	11.735		152			2.952		141		
	11.583		151			2.811		142		
	11.432 ✓		303 ✓			2.669 ✓		283 ✓		
5	34.750 ✓	11.583 ✓		1339		8.432 ✓	2.811 ✓		1.317	
		52.814 ✓					8.655 ✓			

F.B. 2400 P.G. 91

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:35 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 50-6 To BM 50-7
Date 1-11-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.712	52.814	134	1.339		0.729	8.655	138	1.317	
	10.578		133			0.591		140		
	10.445		267			0.451		278		
6	31.735	10.578		1.606		1.771	0.590		1.595	
	10.581		088			1.538		093		
	10.493		085			1.445		092		
	10.408		173			1.353		185		
7	31.482	10.494		1.779		4.336	1.445		1.780	
	11.918		087			0.697		090		
	11.831		088			0.607		089		
	11.743		175			0.518		179		
8	35.492	11.831		1.954		1.822	0.607		1.959	
	11.999		091			0.419		090		
	11.908		091			0.329		091		
	11.817		182			0.238		181		
9	35.724	11.908		2.136		0.986	0.329		2.140	
	10.554		082			0.337		079		
	10.472		084			0.258		078		
	10.388		166			0.180		157		
10	31.414	10.471		2.302		0.775	0.258		2.297	
		108.096					11.884			

F.B. 2460 P.G. 92

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 10:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 50-6 To B.M. 50-7
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.596	108.096	054	2,302		2 015	11.884	050	2.297	
	8.542		055			1.965		050		+ 116.638
	8.487		109			1.915		100		- 13.849
11	25.625	8.542		2,411		5.895	1.965		2,397	+ 102.789
		116.638					13.849			T.B.M. # 8
									-0.31m.	CRENSHAW BLVD, S.INLY SIDE, 0.17
										MI. N.W. OF CREST RD, P.K. SPK.
										0.7' FROM S.E. END OF 4' WIDE
	11.019		108			0.757		112		ROCK HEADWALL
	10.911		108			0.645		110		
	10.803		216			0.535		222		
12	32.733	10.911		2,627		1.937	0.646		2.619	
	11.679		086			0.876		080		
	11.593		085			0.796		080		
	11.508		171			0.716		160		
13	34.780	11.593		2,798		2.388	0.796		2.779	
	11.302		083			1.037		087		
	11.219		081			0.950		085		
	11.138		164			0.865		172		
14	33.659	11.220		2,962		2.852	0.951		2,951	
		33.724					2.393			

F.B. 2400 P.G. 93

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE THIN OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 9:00 TO 10:35 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301, 32
From B.M. 50-6 To B.M. 50-7
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.818	33.724	088	2.962		1.234	2.393	087	2.951	SUMMATION OF RUN
	10.730		088			1.147		089		+65.917
	10.642		176			1.058		176		-10.858
15	32.190	10.730		3.138		3.439	1.146		3.127	DIFF. T.B.M.#8 TO 50-7 +55.059
	11.814		103			0.987		109		" 50-6 TO T.B.M.± +102.789
	11.711		103			0.878		109		" 50-6 TO 50-7 157.848
	11.608		206			0.769		218		
16	35.133	11.711		3.344		2.634	0.878		3.345	
	9.932		180			6.612		171		
	9.752		179			6.441		170		B.M. 50-7
	9.573		359			6.271		341		CRENSHAW BLVD. & CREST RD. N.E.COR
17	29.257	9.752		3.703		19.324	6.441		3.686	SEE F.B. 2400-13 FOR DESC.
		65.917					10.858		3.703	
									-7.389	
									=0.48m	

F.B. 2400 P.G. 94

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Chief of Party G. E. DREIER Weather WINDY - OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 10:35 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-7 To B.M. 50-6
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.698		175		#11	10.011		175		B.M. 50-7
	6.523		171			9.836		175		CRENSHAW BLVD. & CREST RD.
	6.352		346 ✓			9.661		350 ✓		SEE F.B. 2400-13 FOR DESC.
1	19.573 ✓	6.524 ✓		.346	58	29.508 ✓	9.836 ✓		350	
	0.993		109			11.822		104		↑ J. MOODY
	0.884		107			11.718		103		
	0.777		216 ✓			11.615		207 ✓		
2	2.654 ✓	0.885 ✓		.562		35.155 ✓	11.718 ✓		.557	
	1.295		088			10.875		087		
	1.207		089			10.788		088		
	1.118		177 ✓			10.700		175 ✓		
3	3.620 ✓	1.207 ✓		.739		32.363 ✓	10.788 ✓		.732	
	1.025		087			11.293		083		
	0.938		085			11.210		082		
	0.853		172 ✓			11.128		165 ✓		
4	2.816 ✓	0.939 ✓		.911		33.631 ✓	11.210 ✓		.897	
	0.959		080			11.762		087		
	0.879		080			11.675		085		
	0.799		160 ✓			11.590		172 ✓		
5	2.637 ✓	0.879 ✓		1.071		35.027 ✓	11.676 ✓		1.069	
		10.434 ✓					55.228 ✓			

F.B. 2400 P.G. 75

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:35 TO 11.40 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM. 50-7 To BM. 50-6
Date 1-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.022	10.434	110	1.071		11.288	55.228	109	1.069	+11.346
	0.912		111			11.179		108		-66.407
	0.801		221			11.071		217		DIFF. 50-7 TO T.B.M.#8 - 55.061
6	2.735	0.912		1.292		33.538	11.179		1.286	
		11.346					66.407			T.BM#8
										CRENSHAW BLVD, S.WLY SIDE, 0.17MI.
										N.W. OF CREST RD., P.K. SPK. 0.7'
										FROM S.ELY END OF 4' WIDE HEADWA
	2.005		051			5.584		054		
	1.954		050			8.530		053		
	1.904		101			8.477		107		
7	5.863	1.954		1.393		25.591	8.530		1.393	
	0.419		079			10.638		084		
	0.340		079			10.554		082		
	0.261		158			10.472		166		
8	1.020	0.340		1.551		31.664	10.555		1.559	
	0.422		090			12.003		092		
	0.332		090			11.911		093		
9	0.242		180			11.818		185		
	0.996	0.332		1.731		35.732	11.91		1.744	
		2.626					30.996			

F.B. 274 P.G. 96

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 10:35 TO 11:40 Rod No 11 & 12

Name A CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-7 To B.M. 50-6
Date 1-11-56
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
	0.708	2.626 ✓	089	1.731		11.933	30.996 ✓	087	1.744	
	0.619		086			11.846		088		
	0.533 ✓		175 ✓			11.758		175 ✓		
10	1.860 ✓	0.620 ✓		1.906		35537 ✓	11.846 ✓		1.919	
	1.371		093			10.411		088		
	1.278		091			10.323		085		
	1.187		184 ✓			10.238		173 ✓		
11	3.836 ✓	1.279 ✓		2.090		30.972 ✓	10.324 ✓		2.092	
	1.800		148			11.779		141		
	1.652		150			11.638		142		
	1.502		298 ✓			11.496		283 ✓		
12	4.954 ✓	1.651 ✓		2.388		34.913 ✓	11.638 ✓		2.375	
	2.997		142			11.779		151		
	2.855		142			11.628		150		
	2.713		284 ✓			11.478		301 ✓		
13	8.565 ✓	2.855 ✓		2.672		34.885 ✓	11.628 ✓		2.676	
	1.488		140			11.035		143		
	1.348		138			10.892		141		
	1.210		278 ✓			10.751		284 ✓		
14	4.046 ✓	1.349 ✓		2.950		32.678 ✓	10.893 ✓		2.960	
		10.380 ✓					87.325 ✓			

F.B. 2400 P.G. 97

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather WINDY THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:35 TO 11:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-7 To B.M. 50-6
Date 1-11-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.215	10.380	107	2950		11.788	87 325	113	2.960	
	2.108		107			11.675		115		
	2.001		214			11.560		228		SUMMATION OF RUN
15	6.324	2.108		3.164		35.023	11.674		3.188	+ 14.598
	0.573		111			9.633		103		- 117.385
	0.462		109			9.530		102		DIFF. T.B.M.#8 TO 50-6 - 102.787
	0.353		220			9.428		205		" 50-7 TO T.B.M.#8 - 55.061
16	1.388	0.463		3.384		28.591	9.530		3.393	" 50-7 TO 50-6 - 157.848
	1.808		161			9.018		162		
	1.647		160			8.856		163		
	1.487		321			8.693		325		B.M. 50-6
17	4.942	1.647		3.705		26.567	8.856		3.718	CRENSHAW BLVD, ELY SIDE, 0.5 M.
		14.598					117.385			S. E. OF SILVER SPUR RD.
										SEE 48.2400-12 FOR DESC.

F.B. 2400 P.G. 98

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 8:30 Rod No. 11 E/2

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-7 To B.M. 50-8
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.112		150		#11	9.528		150		B.M. 50-7
	7.962		150			9.378		147		CRENSHAW BLVD & CREST RD.
	7.812		300			9.231		297		SEE F.B. 2400-15 FOR DESC.
1	23.886	7.962		300	63°	28.137	9.379		297	
	1.616		131			11.163		134		T. J. MOODY
	1.485		130			11.029		134		
	1.355		261			10.895		268		
2	4.456	1.485		561		33.087	11.029		565	
	1.302		079			9.841		078		
	1.223		080			9.763		074		
	1.143		159			9.689		152		
3	3.668	1.223		720		29.293	9.764		717	
	0.971		078			10.201		082		
	0.893		077			10.119		080		
	0.816		155			10.039		162		
4	2.680	0.893		875		30.359	10.120		879	
	1.311		072			9.038		070		
	1.239		071			8.968		070		
	1.168		143			8.898		140		
5	3.718	1.239		1018		26.904	8.968		1019	
		12.802					49.260			

F.B. 2400 P.G. 99

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-7 To B.M. 50-8
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.238	12.802	165	1.018		9.303	49.260	168	1.019	
	1.073		162			9.135		167		
	0.911		327			8.968		335		
6	3.222	1.074		1.345		27.406	9.135		1.354	
	5.525		091			3.509		090		+ 19.310
	5.434		090			3.419		088		- 61.815
	5.344		181			3.331		178		- 42.505
7	16.303	5.434		1.526		10.259	3.420		1.532	
		19.310					61.815		1526	T.B.M. #9
									3.058	E. SIDE
									= 0.20 MI	CRENSHAW BLVD. 0.20 MI. S. OF
										CREST RD., P.K. SPK 1 FT. E.
										OF W. END OF ROCK WALL ON
	8003		165			2.535		166		N. SIDE OF RUNOFF APRON
	7.838		165			2.369		167		
	7673		330			2.202		333		
8	23.514	7.838		1.856		7.106	2.369		1.865	
	9.605		194			1.961		193		
	9.411		193			1.768		195		
	9.218		387			1.573		388		
9	28.234	9.411		2.243		5.302	1.767		2.253	
		17.249					4.136			

F.B. 2400 P.G. 100

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather WINDY Inst. No. 50010
Notes by G. E. DREIER Time 2:40 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-7 To B.M. 50-8
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.588	17.249	200	2.243		1.897	4.136	197	2.253	
	9.388		197			1.700		193		
	9.191		397			1.507		390		
10	28.167	9.389		2.640		5.104	1.701		2.643	
	7.926		196			4.861		189		+39.460
	7.730		197			4.672		187		-16.245
	7.533		393			4.485		376		+23.215
11	23.189	7.730		3.033		14.018	4.673		3.019	
	5.163		071			5.811		077		B.M. 50-8
	5.092		07[illegible]			5.734		075		CRENSHAW BLVD, 0.40 MI. SOF
	5.021		142			5.659		152		CREST RD.
12	15.276	5.092		3.175	57°	17.204	5.735		3.171	SEE F.B. 2400-14 FOR DESC
		39.460					16.245		3.175	
									6.346	
									=0.41 MI.	
										SUMMATION OF RUN
								DIFF IN ELEV.		B.M. 50-7 TO T.B.M. #9 -42.505
								" " "		T.B.M. #9 TO B.M. 50-8 +23.215
								" " "		B.M. 50-7 TO B.M. 50-8 -19.290

F.B. 2400 PG 101

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather BREEZE-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1.30 TO 2.35 Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 50-8 To B.M. 50-7
Date 1-17-56
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
	5.743		080		#11	5089		066		B.M. 50-8
	5.663		080			5.023		067		CRENSHAW BLVD. 0.40 MI. S. OF
	5.583		160 ✓			4.956		133 ✓		CREST RD.
1	16.989 ✓	5.663 ✓		160	64°	15.068 ✓	5.023 ✓		133	SEE F.B. 2400-14 FOR DESC
	4928		185			8.001		201		
	4.743		184			7.800		200		
	4.559 ✓		369 ✓			7.600 ✓		401 ✓		↑ J. MOODY
2	14.230 ✓	4.743 ✓		529		23.401 ✓	7.800 ✓		534	
	1.912		194			9.602		200		
	1.718		196			9.402		196		
	1.522 ✓		390 ✓			9.206 ✓		396 ✓		
3	5.152 ✓	1.717 ✓		919		28.210 ✓	9.403 ✓		930	
	2.189		196			9.833		195		+ 16.560 ✓
	1.993		194			9.638		195		- 39.778 ✓
	1.799 ✓		390 ✓			9.443 ✓		390 ✓		- 23.218 ✓
4	5.981 ✓	1.994 ✓		1307		28.914 ✓	9.638 ✓		1520	F.B. 2400 P.G. 123
	2.611		169			8.078		165		T.B.M. #9 CRENSHAW BLVD.
	2.442		165			7.913		162		E. SIDE, 0.20 MI. S. OF CREST RD
	2.277 ✓		334 ✓			7.751 ✓		327 ✓		P.L. SPK. 1 FT. E. OF N. END OF
5	7.330 ✓	2.443 ✓		1643		23.742 ✓	7.914 ✓		1647	NORTH WALL OF RUN OF APRON
		16.560 ✓					39.778 ✓			

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 WINDY/CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET
Name
Job No. 0.301.02
From B.M. 50-8 To B.M. 50-7
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.748		090	1.643		5765		092	1.647	
	3.658		087			5.673		091		
	3.571		177 ✓			5.582		183 ✓		
6	10.977 ✓	3.659 ✓		1.820		17.020 ✓	5.673 ✓		1830	
	9.651		172			1.588		168		
	9.479		168			1.420		167		
	9.311		340 ✓			1.253 ✓		335 ✓		
7	28.441 ✓	9.480 ✓		2160		4.261 ✓	1.420 ✓		2.165	
	9.083		070			1355		072		
	9.013		070			1.283		071 ✓		
	8.943		140 ✓			1.212 ✓		143 ✓		
8	27.039 ✓	9.013 ✓		2300		3.850 ✓	1.283 ✓		2.308	
	10.257		080			1.028		079		
	10.177		080			0.949		078		
	10.097		169 ✓			0.871 ✓		157 ✓		
9	30.531 ✓	10.177 ✓		2.460		2.848 ✓	0.949 ✓		2.465	
	9.673		075			1.137		081		
	9.598		076			1.056		080		
	9.522		151 ✓			0.976 ✓		161 ✓		
10	28.793 ✓	9.598 ✓		2.611		3.169 ✓	1.056 ✓		2.626	
		41.927 ✓					10.381 ✓			

F.B. 2400 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 WINDY - CLEAR Inst. No. 500 1 0
Notes by G. E. DREIER Time 1:30 TO 2:35 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-8 To B.M. 50-7
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.175	41.927	136	2.611		1.627	10.381	130	2.626	
	11.039		134			1.497		130		+62.380
	10.905		270			1.367		260		-19.877
11	33.119	11.040		2.881		4.491	1.497		2.886	+42.503
	9.562		150			8.148		150		B.M. 50-7
	9.412		147			7.998		148		CRENSHAW BLVD. & CREST RD.
	9.265		297			7.850		298		SEE F.B. 2400-13 FOR DESC.
12	28.239	9.413		3.178		23.996	7.999		3.184	
		62.380					19.877			
										SUMMATION OF RUN
										DIFF IN ELEV, B.M. 50-8 TO T.B.M. #9 -23.218
										" " " T.B.M. #9 TO B.M. 50-7 +42.503
										" " " B.M. 50-8 TO B.M. 50-7 +19.285

F.B. 2400 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 CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:45 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-8 To B.M. 50-9
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.551		193		#11	7.957		190		B.M. 50-8
	3.358		190			7.767		189		CRENSHAW BLVD. .040 MI. S. OF
	3.168		383			7.578		379		CREST RD.
1	10.077	3.359		383	60°	23.302	7.767		.379	SEE F.B. 2400-14 FOR DESC.
	3.147		188			8.159		192		
	2.959		184			7.967		190		
	2.775		372			7.777		382		
2	8.881	2.960		.755		23.903	7.968		.761	↑ J. MOODY
	1.856		243			10.665		240		
	1.613		242			10.425		240		
	1.371		485			10.185		480		
3	4.840	1.613		1.240		31.275	10.425		1.241	
	0.758		113			10.274		127		
	0.645		112			10.147		128		
	0.533		225			10.019		255		
4	1.936	0.645		1.465		30.440	10.147		1.496	
	0.611		136			11.807		081		
	0.475		135			11.718		088		
	0.340		271			11.630		169		
5	1.426	0.475		1.736		35.155	11.718		1.665	
		9.052					48.023			

F.B. 2400 P.G. 107

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From B.M. 50-8 To B.M. 50-9
Date 1-18-56
Indexed E. C. Johnson

F.B. 2400 P.G. 108

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.440	9.052	022	1.736		9.820	9.025	065	1.665	
	3.418		021			9.755		064		
	3.397		043			9.691		129		
6	10.255	3.418		1.779		29.266	9.755		1.794	
	0.537		084			11.923		097		
	0.453		082			11.826		097		
	0.371		166			11.729		194		
7	1.361	0.454		1.945		35.478	11.826		1.988	
	0.426		106			11.637		095		
	0.320		104			11.542		091		
	0.216		210			11.451		186		
8	0.962	0.321		2.155		34.630	11.543		2.174	
	0.702		105			11.272		103		+ 15.422
	0.597		105			11.167		104		- 101.653
	0.492		210			11.065		207		- 86.231
9	1.791	0.597		2.365		33.506	11.169		2.381	
	1.642		063			9.402		067		T.B.M. #10 CRENSHAW BLVD, N. SIDE,
	1.579		060			9.335		068		0.73 MI. S. OF CREST RD, PK. SPK
	1.519		123			9.269		135		4 FT. IN. OF E. END OF ROCK HEADWALL
10	4.740	1.580		2.488		28.006	9.335		2.516	
	15.422			2516		101.653				
				5004						
				= 0.32 MI.						

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 10:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-8 To B.M. 50-9
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.978		073	2.488		4.842		060	2.516	
	0.905		070			4.782		060		
	0.835		143 ✓			4.722		120 ✓		
11	2.718 ✓	0.906 ✓		2.631		14.346 ✓	4.782 ✓		2.636	
	1.461		058			10.231		063		
	1.403		056			10.168		061		
	1.347		114 ✓			10.107		124 ✓		
12	4.211 ✓	1.404 ✓		2.745		30.506 ✓	10.169 ✓		2.760	
	0.621		083			11.854		086		
	0.538		086			11.768		090		
	0.452		169 ✓			11.678 ✓		176 ✓		
13	1.611 ✓	0.537 ✓		2.914		35.300 ✓	11.767 ✓		2.936	
	0.511		092			11.236		078		
	0.419		088			11.158		079		
	0.331 ✓		180 ✓			11.079 ✓		157 ✓		
14	1.261 ✓	0.420 ✓		3.094		33.473 ✓	11.158 ✓		3.093	
	0.669		083			11.253		084		
	0.586		083			11.169		084		
	0.503 ✓		166 ✓			11.085 ✓		168 ✓		
15	1.758 ✓	0.586 ✓		3.260		33.507 ✓	11.169 ✓		3.261	
		3.853 ✓					44.043 ✓			

F.B. 2400 P.G. 109

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 7:00 TO 10:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-8 To B.M. 50-9
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.105	3.853 ✓	082	3.260		11.598	49.04 ✓ 5	096	3.261	
	1.023		082			11.502		093		
	0.941		164 ✓			11.409 ✓		189 ✓		
16	3.069	1.023 ✓		3.424		34.509 ✓	11.503 ✓		3.450	SUMMATION OF RUN
	0.505		096			11.925		109		+ 8.894 ✓ 2
	0.409		096			11.816		111		-105.428 ✓
	0.313		192 ✓			11.705 ✓		220 ✓		DIFF. T.B.M.#10 TO 50-9 - 96.528 ✓
17	1.227	0.409 ✓		3.616		35.446 ✓	11.815 ✓		3.670	" 50-8 TO T.B.M.#10 -86.231 ✓
	0.778		121			11.791		093		" 50-8 TO 50-9 -182.759 ✓
	0.657		119			11.698		091		
	0.538		240 ✓			11.607		184 ✓		
18	1.973	0.658 ✓		3.856		35.096 ✓	11.699 ✓		3.854	
	0938		083			9.722		084		
	0.855		082			9.638		084		
	0.773		165 ✓			9.554 ✓		168 ✓		
19	2.566	0.855 ✓		4.021		28.914 ✓	9.638 ✓		4.022	
	2.132		035			11.758		036		B.M. 50-9
	2.097		037			11.722		036		CRENSHAW BLVD., 0.9 MI. S. OF
	2.060		072 ✓			11.686 ✓		072 ✓		CREST RD.
20	6.289	2.096 ✓		4.093		35.166 ✓	11.722 ✓		4.044	SEE F.B. 2400-15 FOR DESC.
		8.894 ✓					105.428 ✓ 2			

F.B. 2400 P.G. 110

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:45 Rod No. INVAR 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-9 To B.M. 50-8
Date 1-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.789		034		#11	2.164		036		B.M. 50-9
	11.755		034			2.128		035		CRENSHAW BLVD. 0.9 MI. S. OF
	11.721		068 ✓			2.093		071 ✓		CREST RD.
1	35.265 ✓	11.755 ✓		.068	60	6.385 ✓	2.128 ✓		.071	SEE F.B. 2400-15 FOR DESC.
	9.618		086			0.833		082		
	9.532		084			0.751		080		
	9.448		170 ✓			0.671		162 ✓		T.J. MOODY
2	28598 ✓	9.533 ✓		.238		2.255 ✓	0.752 ✓		.233	
	11.916		107			0.876		107		
	11.809		104			0.769		107		
	11.705		211 ✓			0.662		214 ✓		
3	35.430 ✓	11.810 ✓		.449		2.307 ✓	0.769 ✓		.447	
	11.881		109			0.471		100		
	11.772		107			0.371		099		
	11.665		216 ✓			0.272		199 ✓		
4	35318 ✓	11.773 ✓		.665		1.114 ✓	0.371 ✓		.646	
	11.065		093			0.573		081		
	10.972		095			0.492		081		
	10.877		188 ✓			0.411		162 ✓		
5	32914 ✓	10.971 ✓		.853		1.476 ✓	0.492 ✓		.808	
		55842 ✓					4.512 ✓			

F.B. 2400 P.G. 111

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather WINDY-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-9 To B.M. 50-8
Date 1-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.323	55.842	.085	853		0.739	4.512	081	.808	
	11.238		0.84			0.658		083		
	11.154		169			0.575		164		
6	33.715	11.238		1.022		1.972	0.657		.972	
	11.257		082			0.528		089		
	11.175		079			0.439		088		
	11.096		161			0.351		177		
7	33.528	11.176		1.183		1.318	0.439		1.149	
	11.754		080			0.539		094		
	11.674		081			0.445		093		
	11.593		161			0.352		187		
8	35.021	11.674		1.344		1.336	0.445		1.336	
	9.945	89.93	062			1.174	6.053	058		+104.712
	9.883		061			1.116		057		- 8.189
	9.822		123			1.059		115		DIFF +96.523
9	29.650	9.883		1.467		3.349	1.116		1.451	
	4.958		059			1.089		070		T.B.M. #10 CRENSHAW BLVD, N. SIDE
	4.899		060			1.019		067		0.73 MI. S. OF CREST RD., P.K. SPK.
	4.839		119			0.952		137		4' W. OF E. END OF ROCK HEADWALL
10	14.696	4.899		1.586		3.060	1.020		1.588	
		104.712					8.189			

1.588
3.174 = .20 mi.

F.B. 2400 P.G. 112

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 WINDY - CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 To 3:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-9 To B.M. 50-8
Date 1-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.168		065	1.586		1.409		062	1.588	
	9.103		065			1.347		063		
	9.038		130			1.284		125		
11	27.309	9.103		1.716		4.040	1.347		1.713	
	11.551		108			0.979		106		
	11.443		105			0.873		103		
	11.338		213			0.770		209		
12	34.332	11.444		1.929		2.622	0.874		1.922	
	11.708		097			0.489		101		
	11.611		096			0.388		102		
	11.515		193			0.286		203		
13	34.834	11.611		2.122		1.163	0.388		2.125	
	11.887		108			0.481		072		
	11.779		104			0.409		074		
	11.675		212			0.335		146		
14	35.341	11.780		2.334		1.225	0.408		2.271	
	7.335		027			1.028		060		
	7.308		027			0.968		061		
	7.281		054			0.907		121		
15	21.924	7.308		2.388		2.903	0.968		2.392	
		51.246					3.985			

F.B. 2400 P.G. 113

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather VERY WINDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-9 To B.M. 50-8
Date 1-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.791	11.246	089	2388		0.592	0.985	134	2.392	SUMMATION OF RUN +99.905
	11.702		089			0.458		135		DIFF IN ELEV. 50-8 TO T.B.M.*10 = 13.668
	11.613		178			0.323		269		" " " T.B.M.*10 TO 50-9 +96.523
16	35.106	11.702		2.566		1.373	0.458		2.661	" " " 50-9 TO 50-8 +182.760
	10.701		127			1.183		113		
	10.574		128			1.070		113		
	10.446		255			0.957		226		
17	31.721	10.574		2.821		3.210	1.070		2.887	T.P. B.SOC IN P.POLE
	10.501		238			1.703		248		
	10.263		235			1.455		247		1-17-56
	10.028		473			1.208		495		1:00 TO
18	30.792	10.264		3.294		4.366	1.455		3.382	
	8.518		213			3.462		164		
	8.305		210			3.298		167		
	8.095		423			3.131		331		
19	24.918	8.306		3.717		9.891	3.297		3.713	
	8.005		193			3.596		194		
	7.812		189			3.402		191		
	7.623		382			3.211		385		
20	23.440	7.813		4.099	64°	10.209	3.403		4.098	B.M. 50-8 CRENSHAW BLVD. 0.40 MI. S. OF CREST RD. SEE F.B. 2400 - 14
		99.905					13.668			

F.B. 2400 P.G. 11-4

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G.E. DREIER & T. MELENDEZ Time 2:30 to 3:45 Rod No. 11 & 12

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-9 To B.M. 50-10
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.713		099		#11	10.795		100		B.M. 50-9
	8.614		098			10.695		100		CRENSHAW BLVD. 0.9 M. S. OF
	8.516 ✓		197 ✓			10.595 ✓		200 ✓		CREST ROAD
1	25.843	8.614 ✓		197	62°	32.085 ✓	10.695 ✓		200	SEE F.B. 2400-15 FOR DESC.
	0.419		090			11.051		093		
	0.329		091			10.958		090		
	0.238 ✓		181 ✓			10.868 ✓		183 ✓		T. J. MOODY
2	0.986	0.329 ✓		378		32.877 ✓	10.959 ✓		383	
	1.092		095			11.423		091		
	0.997		095			11.332		090		
	0.902 ✓		190 ✓			11.242 ✓		181 ✓		
3	2.991	0.997 ✓		568		33.997 ✓	11.332 ✓		564	
	0.842		091			11.362		091		
	0.751		092			11.271		092		
	0.659 ✓		183 ✓			11.179 ✓		183 ✓		
4	2.252	0.750 ✓		751		33.812 ✓	11.270 ✓		747	
	0.846		094			11.281		092		
	0.752		093			11.189		091		
	0.659 ✓		187 ✓			11.098 ✓		183 ✓		
5	2.257	0.752 ✓		939		33.568 ✓	11.189 ✓		930	
		11.493 ✓					5.5445 ✓			

F.B. 2400 P.G. 11 ✓

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather thin clouds Inst. No. 50010
Notes by T. MELENDEZ Time 2:30 to 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 50-9 To BM 50-10
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1571	11442 3	096	.938	#11	[illegible]	55445	100	.930	
	1475		094			9569		100		+12.918
	1381		190			9469		200		-65.014
6.	4427	1476		1128		28107	9569		1130	-52.096
		12918 9					65.014		1.128 2258 =0.14 MI.	T.B.M. #11 CRENSHAW BLVD., N.WLY SIDE, 1.05 MI. S. OF CREST RD. P.K. SPK IN N.W'LY ROCK RETAINING WALL OF CULVERT CATCH BASIN
	1868		110			10.760		101		15.4 FT. N.E. OF S.W. END.
	1758		108			10.659		103		
	1650		218			10.556		204		
7	5276	1759		1346		31.975	10.658		1334	
	1391		118			11.276		108		
	1273		114			11.168		107		
	1159		232			11.061		215		
8	3823	1274		1578		33.505	11.168		1549	
	1797		116			11.507		119		
	1681		113			11.388		120		
	1568		229			11.262		239		
9	5046	1682		1807		34.165	11.388		1788	
		4715					33.214			

F.B. 2400 P.G. 116

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather thin clouds Inst. No. 50010
Notes by G.E.Dreier Time 2:30 to 3:45 Rod No. 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 030122
From B.M. 50-9 To B.M. 50-10
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.45	4.713	118	1807		11.057	33274	118	1788	
	2027		119			10.939		116		
	1908		237			10.823		234		
10	6.080	2.027		2.044		32.819	10.940		2.022	
	0.582		115			10.593		114		1-19-56 9:00 to 9:30
	0.467		114			10.479		112		
	0.353		229			10.367		226		
11	1.402	0.467		2.273		31.439	10.480		2.248	
	0.762		115			10.378		112		
	0.647		116			10.266		111		
	0.531		231			10.155		223		
12	1.940	0.647		2.504		30.799	10.266		2.241	
	0.639		116			11.183		112		
	0.523		112			11.071		114		
	0.411		228			10.957		226		
13	1.573	0.524		2.732		33.211	11.070		2.697	
	1.077		109			11.691		120		
	0.968		107			11.571		118		
	0.861		216			11.453		238		
14	2.906	0.969		2.948		34.715	11.572		2.935	
		9.349					87.542			

F.B. 2400 P.G.

58 2400 P117

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather thin clouds Inst. No. 5001a
Notes by G.E. Dreier Time 9:00 TO 10:30 Rod No. 11512

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-9 To B.M. 50-10
Date 1-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.932	9.349 ✓	.097	2.948		11.892	87.542 ✓	.093	2.935	+10.184 ✓
	0.835		.096			11.799		.094		-99.341 ✓
	0.739		.193 ✓			11.705		.187 ✓		-89.158 ✓
15	2.506	0.835 ✓		3.141		35.396	11.799 ✓		3.122	B.M. 50-10
		10.184 ✓					99.341 ✓		3.141	CRENSHAW BLVD, 1.30 MI. S. OF
									6.263	CREST RD.
									= 0.40 mi.	SEE F.B. 2400-16 FOR DESC.
										SUMMATION OF RUN
										DIF IN ELEV. B.M. 50-9 TO T.B.M. #11 -52.095
										" " " T.B.M. #11 TO B.M. 50-10 -89.158 ✓
										" " " B.M. 50-9 TO B.M. 50-10 141.253 ✓

F.B. 2400 Pg 118

F.B. 24 P.G.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 5001.0
Notes by G. E. DREIER Time 1:00 TO Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-10 To B.M. 50-9
Date 1-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.475		094		#11	0 513		094		B.M. 50-10
	11.381		093			0.419		093		CRENSHAW BLVD, 1.20 MI. S. OF
	11.288		187 ✓			0.326		187 ✓		CREST RD.
1	34.144 ✓	11.381 ✓		.187	65°	1.258 ✓	0.419 ✓		.187	SEE F.B. 2400-16 FOR DESC
	11.491		116			0888		116		
	11.375		116			0.772		114		
	11.259 ✓		232			0658 ✓		230 ✓		J. MOODY
2	34.125 ✓	11.375 ✓		.419		2.318 ✓	0.773 ✓		.417	
	11.025		103			0.478		115		
	10.912		103			0.363		112		
	10.799 ✓		206 ✓			0.251 ✓		227 ✓		
3	32.736 ✓	10.912 ✓		.625		1.092 ✓	0.364 ✓		.644	
	10.427		114			0.806		113		
	10.313		113			0.693		112		
	10.200 ✓		227 ✓			0.581 ✓		225 ✓		
4	30.940 ✓	10.313 ✓		.852		2.080 ✓	0.693 ✓		.869	
	10.547		115			0.534		115		
	10.432		113			0419		111		
	10.319 ✓		228 ✓			0.308 ✓		226 ✓		
5	31.298 ✓	10.433 ✓		1.080		1.261 ✓	0.420 ✓		1.095	
		54.414 ✓					2.669 ✓			

F.B. 2400 P.G. 119

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather PART CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-10 To B.M. 50-9
Date 1-18-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.639	54.414 ✓	116	1.080		1.727	2.669 ✓	116	1.095	
	10.523		116			1.611		113		
	10.407		232 ✓			1.498		229 ✓		
6	31.569 ✓	10.523 ✓		1.312		4.836 ✓	1.612 ✓		1.324	
	11.123		115			1.414		115		
	11.008		117			1.299		115		
	10.891		232 ✓			1.185		230 ✓		
7	33.022 ✓	11.007 ✓		1.544		3.898 ✓	1.299 ✓		1.554	
	11.163		112			1.265		110		
	11.051		110			1.165		108		
	10.941		222 ✓			1.047		218 ✓		
8	33.155 ✓	11.052 ✓		1.766		3.467 ✓	1.156 ✓		1.776	
	10.482		104			1.582		105		+ 97.374 ✓
	10.378		103			1.477		104		- 8.213 ✓
	10.275		207 ✓			1.373		209 ✓		+ 89.161 ✓
9	31.135 ✓	10.378 ✓		1.973		4.432 ✓	1.477 ✓		1.985	
		97.374 ✓					8.213 ✓		1.973 ✓ 3.958 = 0.25 MI.	T.B.M. #11 CRENSHAW BLVD. NWLY SIDE, 1.05 MI. S. OF CREST RD, PK SPK IN NWLY ROCK RETAINING WALL OF CULVERT CATCH BASIN 15.4 FT N.E. OF SW. END

F.B. 2400 P.G. 120

76P526 S & E #379 1-54

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

Name C. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-10 To B.M. 50-9
Date 1-18-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	9.562		100	1.973		1.459		091	1.985	
	9.462		098			1.368		093		
	9.364		198			1 275		184		
10	28.388	9.463		2.171		4.102	1.367		2.169	
	11.255		092			0.818		092		
	11.163		091			0.726		094		
	11.072		183			0.632		186		
11	33490	11.163		2.354		2.176	0.725		2.355	
	11.508		092			0.989		094		
	11.416		090			0.895		091		
	11.326		182			0 804		185		
12	34250	11.417		2536		2,688	0.896		2,540	
	11.478		090			1.148		095		
	11.388		091			1.053		095		
	11.297		181			0.958		190		
13	34.163	11.388		2.717		3.159	1.053		2.730	
	11.908		096			1.279		095		
	11.812		096			1.184		093		
	11.716		192			1091		188		
14	35436	11.812		2.909		3.554	1.185		2.918	
		55243					5.226			

F.B. 2400 P.G. 121

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-10 To B.M. 50-9
Date 1-18-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.808	55.243	101	2.909		8.728	5.226	099	2.918	+65.951
	10.707		099			8.629		098		-13.855
	10.608		200			8.531		197		+52.096
15	32.123	10.708		3.169		25.888	8.629		3.115	B.M. 50-9
		65.951					13.855			CRENSHAW BLVD. 0.9 MI. S. OF CREST RD.
										SEE F.B. 2400-15 FOR DESC.
										SUMMATION OF RUN
										DIFF IN ELEV. B.M. 50-10 TO T.B.M.* 11 +89.161
							"	"	"	T.B.M.* 11 TO B.M. 50-9 +52.096
							"	"	"	B.M. 50-10 TO B.M. 50-9 +141.257

F.B. 2400 P.G. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G E DREIER Time 9.30 TO 11:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.878		089			10.279		091		B.M. 50-10
	3.789		089			10.188		090		CRENSHAW BLVD., 1.3 MI. S. OF
	3.700		178 ✓			10.098		181 ✓		CREST RD.
1	11.367 ✓	3.789 ✓		.178		30.565 ✓	10.188 ✓		.181	SEE F.B. 2400-16 FOR DESC.
	0.825		096			10.991		099		
	0.729		096			10.892		097		↑ J. MOODY
	0.633 ✓		192 ✓			10.795 ✓		196 ✓		
2	2.187 ✓	0.729 ✓		.370		32.678 ✓	10.893 ✓		.377	
	0.528		093			11.995		102		
	0.435		092			11.893		100		
	0.343		185 ✓			11.793		202 ✓		
3.	1.306 ✓	0.435 ✓		.555		35.681 ✓	11.894 ✓		579	
	0.771		071			11.791		070		
	0.700		070			11.721		069		
	0.630		141 ✓			11.652		139 ✓		
4	2.101 ✓	0.700 ✓		.696		35.164 ✓	11.721 ✓		.718	
	1.131		116			11.146		113		
	1.015		114			11.033		112		
	0.901 ✓		230 ✓			10.921 ✓		225 ✓		
5	3.047 ✓	1.016 ✓		.926		33.100 ✓	11.033 ✓		943	
		6.669 ✓					55.729 ✓			

F.B. 2400 P.G. 123

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 9:30 T.O. 11:35 Rod No. 11.412

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 1-19-56
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
	0.504	6.669 ✓	116	9.926		11.891	55.729 ✓	113	9.943	
	0.388		115			11.778		113		
	0.273		231 ✓			11.665		226 ✓		
6	1.165 ✓	0.388 ✓		1.157		35.334 ✓	11.778 ✓		1.169	
	0.709		078			11.512		079		
	0.631		079			11.433		079		
	0.552		157 ✓			11.354		158 ✓		
7	1.892 ✓	0.631 ✓		1.314		34.299 ✓	11.433 ✓		1.327	
	0.775		048			10.453		052		+8.415 ✓
	0.727		049			10.401		051		-89.341 ✓
	0.678 ✓		057 ✓			10.350 ✓		103 ✓		-80.926 ✓
8	2.180 ✓	0.727 ✓		1.371		31.204 ✓	10.401 ✓		1.430	
		8.415 ✓					89.341 ✓		1.371 2.801 = 0.18 MI.	T.B.M. #12 CRENSHAW BLVD., E'LY SIDE, 1.45 MI. S. OF CREST RD. PK. SPK IN CENTER OF CULVERT HEAD WALL DIRECTLY ABOVE CULVERT
	8.325		136			11.722		134		
	8.189		140			11.588		137		
	8.049 ✓		276 ✓			11.451 ✓		271 ✓		
9	24.563 ✓	8.188 ✓		1.647		34.761 ✓	11.587 ✓		1.701	

F.B. 2400 P.G. 124

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:35 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.526	8.188 ✓	109	1.647		11.472	11.587 ✓	104	1.701	
	0.417		109			11.368		103		
	0.308		216 ✓			11.265		207 ✓		
10	1.251 ✓	0.417 ✓		1.865		34.105 ✓	11.368 ✓		1.908	
	0.499		077			10.854		076		
	0.422		073			10.778		075		
	0.349 ✓		150 ✓			10.703 ✓		151 ✓		
11	1.250 ✓	0.423 ✓		2.015		32.335 ✓	10.778 ✓		2.059	
	0.572		069			10.765		076		
	0.503		070			10.689		076		
	0.433 ✓		139 ✓			10.613 ✓		152 ✓		
12	1.508 ✓	0.503 ✓		2.154		32.067 ✓	10.689 ✓		2.211	
	0.552		093			10.950		084		
	0.459		093			10.866		084		
	0.366 ✓		186 ✓			10.782 ✓		168 ✓		
13	1.377 ✓	0.459 ✓		2.340		32.598 ✓	10.866 ✓		2.379	
	0.422		084			9.018		051		
	0.338		085			8.967		052		
	0.253 ✓		169 ✓			8.915 ✓		103 ✓		
14	1.013 ✓	0.338 ✓		2.509		26.900 ✓	8.967 ✓		2.482	
		10.328 ✓					64.255 ✓			

F.B. 2111 P.G. 125

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:25 Rod No. 1812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-10 To B.M. 56-11
Date 1-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.902	10.328	075	2.509		10.763	10.687	084	2.482	
	0.827		076			10.679		077		
	0.751		151			10.602		157		
15	2.480	0.827		2.660		31.887	10.629		2.639	
	1.167		076			10.923		077		
	1.091		074			10.846		076		
	1.017		150			10.770		153		
16	3.275	1.092		2.510		32.539	10.846		2.796	
	0.614		083			10.823		080		
	0.531		082			10.743		079		
	0.449		165			10.664		159		
17	1.594	0.531		2.976		32.230	10.741		2.956	
	1.019		078			10.974		093		
	0.941		077			10.881		090		
	0.864		155			10.791		183		
18	2.824	0.941		3.130		32646	10.882		3.127	
	0.827		076			8.999		088		
	0.751		076			8.911		088		
	0.675		152			8.823		176		
19	2.253	0.751		3.252		26733	8.911		3.315	
		14.470				115.769				

+14.470
-115.769
-101.299

F.B. 2400 P.G. 126

T. B. M. # 13

SEE NEXT PAGE

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN FOG Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:35 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-10 To B.M. 50-11
Date 1-19-55
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3.282					3.315	T.B.M. #13 CRENSHAW BLVD, N'LY SIDE, 1.7 MI. S. OF CREST RD. P.K. SPK 1 FT FROM S.E. END OF ROCK WALL OF CULVERT
	0.982		104			11.982		121		CATCH BASIN
	0.878		104			11.861		119		
	0.774		208 ✓			11.742		240 ✓		
20	2.634 ✓	0.878 ✓		3.490		35585 ✓	11.862 ✓		3.555	
	1.064		073			10.548		077		+4.649 ✓
	0.991		073			16.471		076		-33.007 ✓
	0.918		146 ✓			10.395		153 ✓		-28.358 ✓
21	2.973 ✓	0.991 ✓		3.636		31.414 ✓	10.471 ✓		3.708	
	2.891		112			10.747		073		B.M. 50-11
	2.779		108			10.674		072		CRENSHAW BLVD. M'L
	2.671		220 ✓			10,602 ✓		145 ✓		N. OF PALOS VERDES DR. S.
22	8.341 ✓	2.780 ✓		3.856		32.023 ✓	10.674 ✓		3.853	SEE F.B. 2400-17 FOR DESC
		4.649 ✓		3853 2,709 =0.50 mi.			33.007 ✓			

F.B. 2400 P.G. 27

SUMMATION OF RUN

DIFF. IN ELEV B.M. 50-10 TO T.B.M. #12 -80.926 ✓
" " " T.B.M. #12 TO T.B.M. #13 -101.299 ✓
" " " T.B.M. #13 TO B.M. 50-11 -28.358 ✓
" " " B.M. 50-10 TO B.M. 50-11 -210.583 ✓

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN FOG Inst. No. T0010
Notes by G. E. DREIER Time 11:46 TO 12:00 Rod No 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-11 To B.M. 50-10
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.322		085		#11	3.439		098		B.M. 50-11
	11.237		086			3.341		096		CRENSHAW BLVD., M1. N. OF
	11.151		171			3.245		194		PALOS VERDES DR., S.
1	33.710	11.237		171	63°	10.025	3.342		.194	SEE F.B. 2400-17 FOR DESC.
	10.348		077			0.866		075		
	10.271		075			0.791		072		
	10.196		152			0.719		147		T J. Moody
2	30.815	10.272		323		2.376	0.792		.341	
	11.863		121			0.863		104		+33.252
	11.742		117			0.759		102		- 4.894
	11.625		238			0.657		206		+ 28.358
3	35.230	11.743		561		2.279	0.760		.547	
		33.252					4.894		5-6 1.108 =0.07 MI.	T.B.M. #13 CRENSHAW BLVD.,
										NLY SIDE, 1.7 MI. S. OF CREST RD
										T.R. SPK / FT W. OF S.E'LY END
										OF ROCK WALL OF CULVERT CATCH
F.B. 2400 P.G. 128	9.007		088			0.831		075		
	8.919		088			0.756		074		
	8.831		176			0.682		149		
4	26.757	8.919		.737		2.269	0.756		.696	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN FOG Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 3:00 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.102
From B.M. 50-11 To B.M. 50-10
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.913	8.919 ✓	092	.737		0961	0.756 ✓	079	.696	
	10.821		090			0,882		077		
	10.731		182 ✓			0,805		156 ✓		
5	32.465 ✓	0.822 ✓		.919		2,648 ✓	0,883 ✓		.852	
	10.723		081			0.514		083		
	10.642		081			0.431		082		
	10.561 ✓		162 ✓			0.349 ✓		165 ✓		
6	31.926 ✓	10.642 ✓		1.081		1.294 ✓	0.431 ✓		1.017	
	10.209		072			0.957		079		
	10.137		074			0.878		077		
	10.063 ✓		145 ✓			0.801 ✓		156 ✓		
7	30.409 ✓	10.136 ✓		1.226		2.636 ✓	0.879 ✓		1.173	
	10.549		075			0.753		081		
	10.474		073			0.672		080		
	10.401 ✓		148 ✓			0.592 ✓		161 ✓		
8	31.424 ✓	10.475 ✓		1.374		2.017 ✓	0.672 ✓		1.334	
	9.350		057			0.745		080		
	9.293		056			0.665		079		
	9.237 ✓		113 ✓			0.586 ✓		159 ✓		
9	27.880 ✓	9.293 ✓		1.487		1.996 ✓	0.665 ✓		1.493	
		60.287 ✓					4.286 ✓			

F.B. 2400 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 THIN FOG Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO [illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-10
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.768	60.287	086	1.487		0.363	4.286	088	1.493	
	10.682		083			0.275		088		
	10.599		169			0.187		176		
10	32.049	10.683		1.656		0.825	0.275		1.669	
	10.892		080			0.699		070		
	10.812		080			0.629		071		
	10.732		160			0.558		141		
11	32.436	10.812		1.816		1.886	0.629		1.810	
	10.939		076			0.582		075		
	10.863		075			0.507		075		
	10.788		151			0.432		150		
12	32.590	10.863		1.967		1.521	0.507		1.960	
	11.545		106			0.598		107		
	11.439		104			0.491		107		
	11.335		210			0.382		216		
13	34.319	11.440		2.177		1.471	0.490		2.176	
	11.631		134			8.238		140		+115.582
	11.497		134			8.098		139		−14.285
	11.363		268			7.959		279		+101.297
14	34.491	11.497		2.445		24.295	8.098		2.455	
		115.582					14.285			

F.B. 2400 P.G. 130

T.B.M. #12 SEE NEXT PAGE

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN FOG Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 3:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-10
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				2.445					2.455	T. B.M. #12 CRENSHAW BLVD. ELY SIDE, 1.45 MI. S. OF CREST RD., P.K. SPK. IN CENTER OF CULVERT HEADWALL
	10.642		050			0.967		049		
	10.592		051			0.918		047		
	10.541 ✓		101 ✓			0.871 ✓		096 ✓		
15	31.775 ✓	10.592 ✓		2.546		2.756 ✓	0.919 ✓		2.551	
	11.685		081			0.883		078		
	11.604		077			0.805		077		
	11.527 ✓		158 ✓			0.728 ✓		155 ✓		
16	34.816 ✓	11.605 ✓		2.704		2.416 ✓	0.805 ✓		2.706	
	11.719		114			0.531		115		
	11.805		112			0.416		116		
	11.693 ✓		226 ✓			0.300 ✓		231 ✓		
17	35.417 ✓	11.806 ✓		2.930		1.247 ✓	0.416 ✓		2.937	
	10.790		112			0.770		111		
	10.678		111			0.659		112		
	10.567 ✓		223 ✓			0.547 ✓		223 ✓		
18	32.035 ✓	10.678 ✓		3.153		1.976 ✓	0.659 ✓		3.160	
		44.681 ✓					2.799 ✓			

F.B. 2400 P.G. 131

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-10
Date 1-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.796	11.681	069	3153		2.775	2.799	070	3.160	
	11.727		070			0.708		071		
	11.657		139			0.637		141		
19	35.180	11.727		3.292		2.133	0.708		3.301	
	11.900		100			0.433		091		
	11.800		100			0.342		090		
	11.700		200			0.252		181		
20	35.400	11.800		3.492		1.027	0.342		3.482	
	10.828		097			0.662		096		+89.076
	10.731		099			0.566		095		- 8.155
	10.632		196			0.471		191		+50.921
21	32.191	10.730		3.688		1.699	0.566		3.673	
	10.228		090			3.829		090		B.M. 50-10
	10.138		090			3.739		088		CRENSHAW BLVD, 1. MI. S. OF
	10.048		180			3.651		178		CREST RD.
22	30.414	10.138		3.868		11.219	3.740		3.551	SEE F.B. 2400-16 FOR DESC
		89.076								SUMMATION OF RUN
						DIFF IN ELEV, B.M. 50-11 TO		T.B.M.* 13		+28.358
						" " "		T.B.M.* 13 TO	T.B.M.* 12	+101.297
						" " "		T.B.M.* 12 TO	B.M. 50-10	+80.921
						" " "		B.M. 50-11 TO	B.M. 50-10	210.576

F.B. 2400 P.G. 132

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-12
Date 1-24-55
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.348		046		#11	10.142		048		B.M. 50-11
	0.302		045			10.094		047		CRENSHAW BLVD, 1/1 MI. N. OF
	0.257		091			10.047		095		PALOS VERDES DR. (NEAR EC. 315+17 ℄)
1	0.907	0.302		.091	54°	30.283	10.094		.095	SEE F.B. 2400-17 FOR DESC.
	1.118		095			11.283		096		
	1.023		095			11.188		095		
	0.928		190			11.093		191		℄ J. MOODY
2	3.069	1.023		.281		33.564	11.188		.285	
	0.773		073			10.759		071		
	0.700		072			10.688		071		
	0.628		145			10.617		142		
3	2.101	0.700		.426		32.064	10.688		.427	
	0.683		072			10.859		071		
	0.611		073			10.788		071		
	0.538		145			10.717		142		
4	1.832	0.611		.571		32.364	10.788		.569	
	0.447		074			11.081		078		
	0.373		072			11.003		076		
	0.301		146			10.927		154		
5	1.121	0.374		.717		33.011	11.004		.723	
		3.010					53.762			

F.B. 2406 P.G. 123

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 50-11 To B.M. 50-12
Date 1-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.843	3.010 ✓	051	.717		11.419	53.762 ✓	51	.723	
	0.792		053			11.368		55		
	0.739		104 ✓			11.313		106 ✓		
6	2.374 ✓	0.791 ✓		.821		34.100 ✓	11.367 ✓		.829	
	1.207		065			11.122		069		
	1.142		064			11.053		070		
	1.078 ✓		129 ✓			10.983 ✓		139 ✓		
7	3.427 ✓	1.142 ✓		.950		33.158 ✓	11.053 ✓		.968	
	0.953		046			10.813		052		
	0.907		048			10.761		051		
	0.859		094 ✓			10.710		103 ✓		
8	2.719 ✓	0.906 ✓		1.044		32.284 ✓	10.761 ✓		1.071	
	0.773		036			11.143		044		
	0.737		039			11.099		045		
	0.698 ✓		075 ✓			11.054 ✓		089 ✓		
9	2.208 ✓	0.736 ✓		1.119		33.296 ✓	11.099 ✓		1.160	
	0.492		024			9.327		030		
	0.468		025			9.297		032		
	0.443 ✓		049 ✓			9.265 ✓		062 ✓		
10	1.403 ✓	0.468 ✓		1.168		27.889 ✓	9.296 ✓		1.227	
		7.053 ✓					107.338 ✓			

F.B. 3400 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 PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-11 To B.M. 50-12
Date 1-24-56
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
	1.583	7.053 ✓	130	1.168		11.441	107.338 ✓	154	1.222	
	1.453		128			11.287		151		
	1.325 ✓		258 ✓			11.136 ✓		305 ✓		
11	4.361 ✓	1.454 ✓		1.426		33.864 ✓	11.288 ✓		1.527	
	3.734		035			8.382		039		
	3.699		034			8.343		040		
	3.665 ✓		069 ✓			8.303 ✓		079 ✓		
12	11.098 ✓	3.699 ✓		1.495		25.028 ✓	8.343 ✓		1.606	
	4.897		160			5.622		172		+ 16.943 ✓
	4.737		160			5.450		172		- 132.419 ✓
	4.577 ✓		320 ✓			5.278 ✓		344 ✓		- 115.476 ✓
13	14.211 ✓	4.737 ✓		1.815		16.350 ✓	5.450 ✓		1.950	
		16.943 ✓					132.419 ✓		1.815	T.B.M. #14 CRENSHAW BLVD,
									3.765	1.0 MI. N. OF PALOS VERDES DR.
									= 0.24 MI	P.K. SPK, 7 FT. E. OF W. END OF
										ROCK WINGWALL ON SLY SIDE
	4.759		170			11.368		161		OF ROAD FILL
	4.589		168			11.207		164		
	4.421 ✓		338 ✓			11.043 ✓		325 ✓		
14	13.769 ✓	4.590 ✓		2.153		33.618 ✓	11.206 ✓		2.275	

W.F.B. 2400 P.G. 135

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 50-11 To B.M. 50-12
Date 1-24-56
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
	0.713	4.590 ✓	045	2.153		11.038	11.206 ✓	048	2 275	
	0.668		047			10.990		049		
	0.621 ✓		092 ✓			10.941 ✓		097 ✓		
15	2.002	0.667 ✓		2.245		32.969	10.990 ✓		2372	
	0.673		057			11.259		058		
	0.616		056			11.201		058		
	0.560 ✓		113 ✓			11.143 ✓		116 ✓		
16	1.849	0.616 ✓		2.358		33603	11.201 ✓		2488	
	1.015		098			11.949		084		
	0.917		098			11.865		083		
	0.819 ✓		196 ✓			11.782 ✓		167 ✓		
17	2.751 ✓	0.917 ✓		2554		35596 ✓	11.865 ✓		2655	
	1.005		090			11.313		093		
	0.915		089			11.220		092		
	0.826 ✓		179 ✓			11.128 ✓		185 ✓		
18	2.746	0.915 ✓		2733		33.661 ✓	11.220 ✓		2840	
	0.757		075			11.377		076		
	0.682		073			11.301		073		
	0.609 ✓		148 ✓			11.228 ✓		149 ✓		
19	2.048 ✓	0.683 ✓		2881		33.906 ✓	11.302 ✓		2989	
		8.388 ✓					67.784 ✓			

F.B. 2400 P.G. 136

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 50-11 To B.M. 50-12
Date 1-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.905	8.388	064	2.881		11.419	67.784	065	2.989	
	0.841		063			11.354		063		
	0.778		127			11.291		128		
20	2.524	0.841		3.008		34.064	11.355		3.117	
	0.777		110			11.632		053		
	0667		110			11.579		052		
	0.557		220			11.527		105		
21	2.001	0.667		3.228		34.738	11.579		3.222	
	1.073		037			11.759		039		
	1.036		037			11.720		039		
	0.999		074			11.681		078		
22	3.108	1.036		3.302		35160	11.720		3.300	
	1.023		035			11.872		035		
	0.988		035			11.837		035		
	0.953		070			11.802		070		
23	2.964	0.988		3.372		35151	11.837		3.370	
	0.426		051			11.649		063		
	0.375		049			11.586		063		
	0.326		100			11.523		126		
24	1.127	0.376		3.472		34.758	11.586		3.496	
		12.296					25.861			

F.B. 2400 P.G. 137

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-12
Date 1-24-55
Indexed E. C. Johnson

F.B. 2400 P.G. 138

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.672	12.296	024	3.472		11.719	125.86	036	3.496	
	0.648		025			11.683		035		
	0.623		049			11.648		071		
25	1.943	0.648		3.521		35.050	11.683		3.567	
	0.548		034			11.495		034		
	0.514		032			11.461		034		
	0.482		066			11.427		068		
26	1.544	0.515		3.587		34.383	11.461		3.635	
	4.042		022			7.521		026		
	4.020		021			7.495		027		
	3.999		043			7.468		053		
27	12.061	4.020		3.630		22.484	7.495		3.688	
	2.051		132			7.668		097		
	1.919		129			7.571		099		
	1.790		261			7.472		196		
28	5.760	1.920		3.891		22.711	7.570		3.874	
	1.177		067			11.359		060		
	1.110		065			11.299		060		
	1.045		132			11.239		120		
29	3.332	1.111		4.023		33.897	11.299		3.994	
		20.510					75.369			

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party W. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 10:30 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-12
Date 1-24-56
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
	1.028	20.510 ✓	056	4.023		11.502	175.369 ✓	050	3.994	
	0.972		055			11.452		051		
	0.917		111 ✓			11.401		101 ✓		
30	2.917 ✓	0.972 ✓		4.124		34.355 ✓	11.452 ✓		4.095	
	1.327		032			10.938		040		+ 24.279 ✓
	1.295		032			10.898		040		- 205.714 ✓
	1263		064 ✓			10.858		080 ✓		- 181.435 ✓
31	3.885 ✓	1.295 ✓		4.188		32.694 ✓	10.898 ✓		4.175	
	1593		091			8095		100		
	1.502		090			7.995		100		B.M. 50-12
	1.412		181 ✓			7.895 ✓		200 ✓		CRENSHAW BLVD, 0.5 MI. N. OF
32	4.507 ✓	1.502 ✓		4.369		23.985 ✓	7.995 ✓		4.375	PALOS VERDES DR. S.
		24.279 ✓					205.714 ✓		4.369	
									8.744	
									= 0.56 MI.	

F.B. 2400 PG. 139

SUMMATION OF RUN

DIFF IN ELEV, B.M. 50-11 TO T.B.M. #14 - 115.476 ✓
" " " T.B.M. #14 TO B.M. 50-12 - 181.435 ✓
" " B.M. 50-11 TO B.M. 50-12 - 296.911

76P526 S & E #379 1-54

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

Name L.A.Co PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-24-56
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
	8.257		103		# 11	1.962		091		B.M. 50-12
	8.154		101			1.871		090		CRENSHAW BLVD., 0.5 MI. N. OF
	8.053		204 ✓			1.781		181 ✓		PALOS VERDES DR. S.
1	24.464 ✓	8.155 ✓		.204	70°	5.614 ✓	1.871 ✓		.181	SEE F.B. 2400-18 FOR DESC
	11.081		038			1.256		037		↑ J. Moody
	11.043		038			1.219		036		
	11.005		076 ✓			1.183		073 ✓		
2	33.129 ✓	11.043 ✓		.280		3.658 ✓	1.219 ✓		.254	
	11.001		042			0.537		062		
	10.959		040			0.475		062		
	10.919		082 ✓			0.413		124 ✓		
3	32.879 ✓	10.960 ✓		362		1.425 ✓	0.475 ✓		.378	
	11.477		062			1.292		065		
	11.415		060			1.227		064		
	11.355 ✓		122 ✓			1.163 ✓		129 ✓		
4	34.247 ✓	11.416 ✓		.484		3.682 ✓	1.227 ✓		.507	
	8.388		113			2.748		117		
	8.275		111			2.631		114		
	8.164		224 ✓			2.517		231 ✓		
5	24.827 ✓	8.276 ✓		.708		7.896 ✓	2.632 ✓		.738	
	49.850 ✓					7.424 ✓				

F.B. 2400 P.G. 141

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 9:30 TO 2:30 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56
Indexed A. C. Johnson

F.B. 2400 P.G. 142

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.578	49.850✓	027	.708		4.087	7.424✓	015	.738	
	7.551		028			4.072		016		
	7.523		055✓			4.056		031✓		
6	22.652✓	7.551✓		.763		12.215✓	4.072✓		.769	
	11.634		034			0.703		033		
	11.600		032			0.670		033		
	11.568		066✓			0.637		066✓		
7	34.802✓	11.601✓		.829		2.010✓	0.670✓		.835	
	11.853		036			0.773		022		
	11.817		039			0.751		023		
	11.778		075✓			0.728		045✓		
8	35.448✓	11.816✓		.904		2.252✓	0.751✓		.880	
	11.750		062			0.533		048		
	11.688		063			0.485		048		
	11.625		125✓			0.437		096✓		
9	35.063✓	11.688✓		1.029		1.455✓	0.485✓		.976	
	11.847		034			1.018		035		
	11.813		035			0.983		033		
	11.778		069✓			0.950		068✓		
10	35.438✓	11.813✓		1.098		2.951✓	0.984✓		1.044	
		104.319✓					14.386✓			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E.DREIER Time 9:30 TO 2:30 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.348	104.319✓	040	1.098		0.655	14.386✓	038	1.044	
	11.308		039			0.617		038		
	11.269		079✓			0.579		076✓		
11	33.925✓	11.308✓		1.177		1.851✓	0.617✓		1.120	
	11.752		053			0.918		110		
	11.699		051			0.808		110		
	11.648		104✓			0.698		220✓		
12	35.099✓	11.700✓		1.281		2.424✓	0.808✓		1.340	
	11.379		102			0.772		035		
	11.277		102			0.737		035		
	11.175✓		204✓			0.702		070✓		
13	33.831✓	11.277✓		1.485		2.211✓	0.737✓		1.410	
	11.408		077			0.789		074		
	11.331		074			0.715		074		
	11.257✓		151✓			0.641		148✓		
14	33.996✓	11.332✓		1.636		2.145✓	0.715✓		1.558	
	10.696		084			0.401		089		
	10.612		082			0.312		090		
	10.530✓		166✓			0.222		179✓		
15	31.838✓	10.613✓		1.802		0.935✓	0.312✓		1.737	
	160.549✓					17.575✓				

F.B. 2400 P.G. 143

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. DREIER Weather CLOUDY Inst. No 50010
Notes by G.E. DREIER Time 9:30 TO 2:30 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56
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
	11.337	160.549 ✓	064	1.802		0.391	11.575 ✓	073	1.737	
	11.273		062			0.318		075		
	11.211		126 ✓			0.243		148 ✓		
16	33.821 ✓	11.274 ✓		1.928		0.952	0.317 ✓		1.885	
	11.033		054			0.448		063		
	10.979		051			0.385		063		
	10.928		105 ✓			0.322		126 ✓		
17	32.940 ✓	10.980 ✓		2.033		1.155 ✓	0.385 ✓		2.011	
	10.879		047			0.539		046		
	10.832		048			0.493		046		
	10.784 ✓		095 ✓			0.447		092 ✓		
18	32.497 ✓	10.832 ✓		2.128		1.479 ✓	0.493 ✓		2.103	
	11.548		163			4.989		171		+ 205.020 ✓
	11.385		163			4.818		169		- 23.589 ✓
	11.222 ✓		326 ✓			4.649 ✓		340 ✓		+ 181.431 ✓
19	34.155 ✓	11.385 ✓		2.454		14.456 ✓	4.819 ✓		2.443	
		205.020 ✓					23.589 ✓			T.B.M #14 CRENSHAW BLVD, 1.0 MI. N. OF PALOS VERDES DR. S. P.K. SPK 7 FT E. OF W. END OF ROCK WINGWALL ON SLY SIDE OF ROAD FILL

F.B. 2400 P.G. 144

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 2:30 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56 C. JOHNSON
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.568		169	2.454		3.805		164	2.443	
	4.399		169			3.641		163		
	4.230		338 ✓			3.478		327 ✓		
20	13.197 ✓	4.399 ✓		2.792		10.924 ✓	3.641 ✓		2.770	
	8.893		038			4.269		037		
	8.855		038			4.232		035		
	8.817		076 ✓			4.197		072 ✓		
21	26.565 ✓	8.855 ✓		2.868		12.698 ✓	4.233 ✓		2.842	
	11.519		152			1.643		129		
	11.367		154			1.514		127		
	11.213		306 ✓			1.387		256 ✓		
22	34.099 ✓	11.366 ✓		3.174		4.544 ✓	1.515 ✓		3.098	
	11.233		016			2.400		032		
	11.217		017			2.368		031		
	11.200		033 ✓			2.337 ✓		063 ✓		
23	33.650 ✓	11.217 ✓		3.207		7.105 ✓	2.368 ✓		3.161	F.B. 2400 P.G. 145
	10.853		045			0.479		037		
	10.808		043			0.442		037		
	10.765		088 ✓			0.405 ✓		074 ✓		
24	32.426 ✓	10.809 ✓		3.295		1.326 ✓	0.442 ✓		3.235	
	46.646 ✓					12.199 ✓				

76P526 S & E #379 1-54

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Chief of Party G.E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 2:30 Rod No 11 & 12

Name L.A. CO. PRECISE LEVELNET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56
Indexed A. C. Johnson

F.B. 2400 P.G. 146

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.762	46.646	051	3.295		0.933	12.199	048	3.235	
	10.711		052			0.885		045		
	10.659		103			0.840		093		
25	32.132	10.711		3.398		2.658	0.886		3.328	
	11.073		060			1.173		075		
	11.013		058			1.098		071		
	10.955		118			1.027		146		
26	33.041	11.014		3.516		3.298	1.099		3.474	
	10.842		053			0.298		053		
	10.789		053			0.245		051		
	10.736		106			0.194		104		
27	32.367	10.789		3.622		0.737	0.246		3.578	
	11.025		078			0.379		071		
	10.947		078			0.308		071		
	10.869		156			0.237		142		
28	32.841	10.947		3.778		0.924	0.308		3.720	
	10.872		072			0.699		071		
	10.800		071			0.628		072		
	10.729		143			0.556		143		
29	32.401	10.800		3.921		1.883	0.628		3.863	
		100.907					15.366			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 3:30 Rod No. 11812

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 50-11
Date 1-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10.599	100.907✓	072	3.921		0.603	15.366✓	072	3.863	
	10.527		072			0.531		073		
	10.455		144✓			0.458		145✓		
30	31.581✓	10.527✓		4.065		1.592	0.531✓		4.008	
	11.039		086			0.899		105		+132.750✓
	10.953		084			0.794		106		-17.264✓
	10.869		170✓			0.688		211✓		+115.486✓
31	32.861✓	10.954✓		4.235		2.381✓	0.794✓		4.219	
	10.409		047			0.618		045		B.M. 50-11
	10.362		048			0.573		045		CRENSHAW BLVD., 1.1 MI. N.
	10.314		095✓			0.528		090✓		OF PALOS VERDES DR. S.
32	31.085✓	10.362✓		4.330		1.719✓	0.573✓		4.309	SEE F.B. 2400-17 FOR DESC.
		132.750✓					17.264✓			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 50-12 TO T.B.M. #14 +181.431✓
" " " T.B.M. #14 TO B.M. 50-11 +115.486✓
" " " B.M. 50-12 TO B.M. 50-11 296.917✓

F.B. 2400-P. 47

76P526 S & E #379 1-54

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

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 03.01.02
From B.M. 50-12 To B.M. 34-16
Date 1-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.798		060		#11	7.577		059		B.M. 50-12
	1.738		060			7.518		059		CRENSHAW BLVD, 0.5 MI. N. OF
	1.678		120 ✓			7.459		118 ✓		PALOS VERDES DR. S.
1	5.214 ✓	1.738 ✓		.120	52°	22.554 ✓	7.518 ✓		.118	SEE F.B. 2400
	2.968		216			11.858		207		
	2.752		213			11.651		208		
	2.539 ✓		429 ✓			11.443 ✓		415 ✓		↑ J. MOODY
2	8.259 ✓	2.753 ✓		.549		34.952 ✓	11.651 ✓		.533	
	3.491		192			11.952		191		
	3.299		191			11.761		189		
	3.108		383 ✓			11.573		380 ✓		
3	9.898 ✓	3.299 ✓		.932		35.286 ✓	11.762 ✓		.913	
	0.802		141			11.988		139		
	0.661		140			11.849		138		
	0.521		281 ✓			11.711		277 ✓		
4	1.984 ✓	0.661 ✓		1.213		35.548 ✓	11.849 ✓		1.190	F.B. 2400 P.G. 149
	2.708		117			11.783		115		
	2.591		118			11.668		118		
	2.473		235 ✓			11.550		233 ✓		
5	7.772 ✓	2.591 ✓		1.448		35.001 ✓	11.667 ✓		1.423	
		11.042 ✓					54.447 ✓			

76P526 S & E #379 1-54

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Chief of Party [illegible] DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER & R.R. Time 11:20 TO 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-12 To B.M. 34-16
Date 1-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.642	11.042	129	1.448		11.447	54.447	129	1.423	
	0.513		129			11.318		127		
	0.384		258			11.191		256		
6	1.539	0.513		1.706		33.956	11.319		1.679	
	0.492		090			11.666		089		
	0.402		088			11.577		088		
	0.314		178			11.489		177		
7	1.208	0.403		1.884		34.732	11.577		1856	
	1.412		115			11.925		117		
	1.297		118			11.808		117		
	1.179		233			11.691		234		
8	3.888	1.296		2.117		35.424	11.808		2.090	
	0.658		079			11.236		079		
	0.579		078			11.154		081		
	0.501		157			[illegible]		160		
9	1.738	0.579		2.274		33.469	11.156		2.250	
	0.772		100			11.955		100		
	0.672		098			11.855		098		
	0.574		198			11.757		198		
10	2.018	0.673		2.472		35.567	11.856		2.448	
		14.506					112.163			

F.B. 2400 P.G. 150

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010

Notes by R. RODRIGUEZ Time 11:20 TO Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**

Job No. 0301.02

From B.M. 50-12 To B.M. 34-16

Date 1-23-56

Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
11										
12		05001		589		5		131 / 229		
13	519									
14										
15			194							
		20213					163.001			

F.B. 2400 P.G. 151

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by R. RODRIGUEZ Time 11:20 to 2:30 Rod No. 11912

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M 50-12 To B.M 34-16
Date 1-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
							163001 ✓			+22.989 ✓
16						23615				-170.873 ✓
										-147.884
		22.989					170.873 ✓			T.B.M. #15 CRENSHAW BLVD & PALOS VERDES D.R.S., NE. COR. B. SPK IN CENTER OF E. RACK HEADWALL OF CULVERT UNDER CRENSHAW
										+4.586
										-4.413
										+0.173 ✓
17							4.413 ✓			B.M. 34-16 (U.S. 4133, x-787 1946) PALOS VERDES D.R.S. & CRENSHAW BLVD
										SEE F.B. 1355-20 FOR DESC.
							4.319			
							8.654			
										SUMMATION OF RUN
										DIFF IN ELEV. B.M 50-12 to T.B.M #15 -147.884 ✓
										" " " T.B.M #15 to B.M 34-16 + 0.173 ✓
										B.M 50-12 to B.M 34-16 -147.711 ✓

F.B. 2400 P.G. 152

76P526 S & E #379 1-54

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Chief of Party [redacted] DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11:20 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 34-16 To B.M. 50-12
Date 1-23-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.588		115		#11	4.758		113		B.M. 34-16 (U.S. 4133, x-787 1946)
	4.473		115			4.645		112		PALOS VERDES DR. S. & CRENSHAW BLVD.
	4.358		230 ✓			4.533		225 ✓		SEE F.B. 1355-20 FOR DESC.
1	13.419 ✓	4.473 ✓		230	52°	13.936 ✓	4.645 ✓		225	
										T.B.M. # 15 CRENSHAW BLVD. & PALOS VERDES DR. S., N.E. COR., B. SPK IN CENTER OF E. ROCK HEADWALL OF CULVERT UNDER CRENSHAW
	8.083		211			2.899		200		+ 4.473 ✓
	7.872		210			2.699		197		- 4.645 ✓
	7.662		421 ✓			2.502		397 ✓		- 0.172 ✓
2	23.617 ✓	7.872 ✓		.651		8.100 ✓	2.700 ✓		.622	
	9.927		196			1.087		196		
	9.731		194			0.891		195		
	9.537		390 ✓			0.696		391 ✓		
3	29.195 ✓	9.732 ✓		1041		2.674 ✓	0.891 ✓		1.013	T.P.
	7.631		109			1.238		107		
	7.522		110			1.131		109		
	7.412		219 ✓			1.022		216 ✓		
4	22.565 ✓	7.522 ✓		1260		3.391 ✓	1.130 ✓		1.229	
		25.126 ✓					4.721 ✓			

F.B. 2400 P.G. 153

76P526 S & E #379 1-54

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Chief of Party [redacted] DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-16 To B.M. 50-12
Date 1-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.219	25.126 ✓	104	1.260		2.552	4.721 ✓	113	1.229	
	10.115		104			2.439		111		
	10.011		208 ✓			2.328		224 ✓		
5	30.345 ✓	10.115 ✓		1.468		7.319 ✓	2.440 ✓		1.453	
	11.993		100			0.596		104		
	11.893		100			0.492		101		
	11.793		200 ✓			0.391		205 ✓		
6	35.679 ✓	11.893 ✓		1.668		1.479 ✓	0.493 ✓		1.658	
	11.798		101			1.047		108		
	11.697		100			0.939		106		
	11.597		201 ✓			0.833		214 ✓		
7	35.092 ✓	11.697 ✓		1.869		2.819 ✓	0.940 ✓		1.872	
	11.868		100			0.685		098		
	11.768		099			0.587		098		
	11.669		199 ✓			0.488		176 ✓		
8	35.305 ✓	11.768 ✓		2.068		1.760 ✓	0.587 ✓		2.048	
	11.268		080			0.689		078		
	11.188		080			0.611		080		
	11.108		160 ✓			0.531		158 ✓		
9	33.564 ✓	11.188 ✓		2.228		1.831 ✓	0.610 ✓		2.206	
		81.787 ✓					9.791 ✓			

F.B. 2400 P.G. 154

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-16 To B.M. 50-12
Date 1-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.840	81.787 ✓	118	2.228		1.331	9.791 ✓	117	2.206	
	11.722		115			1.214		115		
	11.607		233 ✓			1.099		232 ✓		
10	35.169 ✓	11.723 ✓		2.461		3.644 ✓	1.215 ✓		2.438	
	11.619		088			0.442		089		
	11.531		089			0.353		085		
	11.442		177 ✓			0.265		177 ✓		
11	34.592 ✓	11.531 ✓		2.638		1.060 ✓	0.353 ✓		2.615	
	11.241		128			0.442		130		
	11.113		126			0.312		130		
	10.987		254 ✓			0.182		260 ✓		
12	33.341 ✓	11.114 ✓		2892		0.936 ✓	0.312 ✓		2875	
	11.944		118			2.865		117		
	11.826		117			2.748		116		
	11.709		235 ✓			2.632		233 ✓		
13	35.479 ✓	11.826 ✓		3.127		8.245 ✓	2.748 ✓		3.108	
	11.988		142			0.802		139		
	11.846		141			0.663		138		
	11.705		283 ✓			0.525		277 ✓		
14	35.539 ✓	11.846 ✓		3.410		1.990 ✓	0.663 ✓		3.385	
		139.827 ✓					15.082 ✓			

F.B. 2400 P.G. 155

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 [redacted] E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 10:00 TO 11.20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-16 To B.M. 50-12
Date 1-23-56
Indexed A. C. Johnson

F.B. 2400 P.G. 156

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	12.002	139.827 ✓	190	3.410		3.540	15.082 ✓	189	3.385	
	11.812		189			3.351		192		
	11.623		379 ✓			3.159		381 ✓		
15	35.437 ✓	11.812 ✓		3.789		10.050 ✓	3.350 ✓		3.766	
	11.963		206			3.072		213		+171.653 ✓
	11.757		207			2.859		211		- 23.767 ✓
	11.550		413 ✓			2.648		424 ✓		+147.886 ✓
16	35.270 ✓	11.757 ✓		4.202		8.579 ✓	2.860 ✓		4.190	
	8.312		055			2.548		073		
	8.257		055			2.475		072		BM. 50-12
	8.202		110 ✓			2.403		145 ✓		CRENSHAW BLVD., 0.5 MI. N.
17	24.771 ✓	8.257 ✓		4.312		7.426 ✓	2.475 ✓		4.335	OF PALOS VERDES DR. S.
		171.653 ✓					23.767 ✓			SEE F.B. 2400-18 FOR DESC.
										SUMMATION OF RUN
										DIFF. IN ELEV. B.M. 34-16 TO T.B.M. #15 - 0.172 ✓
										" " " T.B.M. #15 TO B.M. 50-12 + 147.886 ✓
										B.M. 34-16 TO B.M. 50-12 + 147.714 ✓

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather DRIZZLE Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 11:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 34-16 To B.M. 34-14
Date 1-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.948		150			5.072		150		B.M. 34-16 (U.S. 4133, X-787 1946)
	5.798		150			4.922		147		PALOS VERDES DR. S. & CRENSHAW BLVD.
	5.648		300 ✓			4.775		297 ✓		SEE F.B. 1355-20 FOR DESC.
1	17.394 ✓	5.798 ✓		.300		14.769 ✓	4.923 ✓		.297	
	6.625		185			4.178		187		
	6.440		182			3.991		191		J. MOODY
	6.258		367 ✓			3.800 ✓		378 ✓		
2	19.323 ✓	6.441 ✓		.667		11.969 ✓	3.990 ✓		.675	
	7.499		186			3.529		192		
	7.313		186			3.337		194		
	7.127		372 ✓			3.143 ✓		386 ✓		
3	21.939 ✓	7.313 ✓		1.039		10.009 ✓	3.336 ✓		1.061	
	6.909		196			3.906		190		
	6.713		193			3.716		187		
	6.520		389 ✓			3.529 ✓		377 ✓		
4	20.142 ✓	6.714 ✓		1.428		11.151 ✓	3.717 ✓		1.438	
	7.477		188			2.877		188		
	7.289		188			2.689		188		
	7.101		376 ✓			2.501 ✓		376 ✓		
5	21.867 ✓	7.289 ✓		1.804		8.067 ✓	2.689 ✓		1.814	
		33.555 ✓					18.655 ✓			

F.B. 2400 P.G. 157

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 DRIZZLE Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 11:35 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 34-16 To B.M. 34-14
Date 1-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7 331	33.555 ✓	192	1,804		3 4 32	18,655 ✓	193	1,814	
	7.139		189			3.239		191		
	6.950		381 ✓			3.048 ✓		384 ✓		
6	21.420 ✓	7.140 ✓		2,185		9.719 ✓	3.240 ✓		2.198	
	6.458		189			3.802		189		
	6,269		190			3.613		188		
	6.079 ✓		379 ✓			3.425 ✓		377 ✓		
7	18.806 ✓	6.269 ✓		2,564		10.840 ✓	3.613 ✓		2,575	
	6.359		190			4.111		192		
	6.169		190			3.919		190		
	5.979		380 ✓			3.729 ✓		382 ✓		
8	18.507 ✓	6.169 ✓		2.944		11.759 ✓	3.920 ✓		2.957	
	6.342		190			4,632		189		
	6.152		189			4,443		186		
	5.963		379 ✓			4,257 ✓		375 ✓		
9	18,457 ✓	6.152 ✓		3,323		13.332 ✓	4,444 ✓		3332	
	6.092		225			5,150		225		
	5,867		222			4.925		223		
	5.645		447 ✓			4.702 ✓		448 ✓		
10	16.604 ✓	5.868 ✓		3,770		14.777 ✓	4.926 ✓		3780	
		65.153 ✓					38.798 ✓			

+65.153 ✓
- 38.798 ✓
+ 26.355 ✓

B.M. 34-15
PALOS VERDES DR. S. AT ENTRANCE TO PORTUGUESE BEND (YACHT HARBOR)
SEE F.B. 1355-19 FOR DESC

F.B. 2400 P.G. 158

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather DRIZZLE Inst. No. 50016
Notes by G. E. DREIER Time 11:00 TO 11:35 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301.02
From B.M. 34-16 To B.M. 34-14
Date 1-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3.770					3.780 3.775 7.550 = 0.49 mi	+8.158 ✓ -3.223 ✓ +4.930 ✓
	8.258 8.158 8.059 ✓		100 099 199 ✓			3.319 3.228 3.136		091 092 183 ✓		
11	24.475	8.158 ✓		5.769		9.683 ✓	3.228 ✓		3.963	B.M. 34-14 (U.S. 4132, W-787 1946) PALOS VERDES DR. S. AT ENTRANCE
										TO PORTUGESE BEND SEE F.B. 1355-19 FOR DESC.
										SUMMATION OF RUN
						DIFF IN ELEV B.M. 34-16				TO B.M. 34-15 +26.355 ✓
						" "	" "	B.M. 34-15		TO B.M. 34-14 + 4.930 ✓
										+31.285

F.B. 2400 P. 159

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather DRIZZLE Inst. No. 50010
Notes by G. E. DREIER Time 11:35 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 34-14 To B.M. 34-16
Date 1-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.241		093		#11	8.173		094		B.M. 34-14 (U.S. 1N-787 1946)
	3.148		095			8.079		095		PALOS VERDES DR. S. AT ENTRANCE
	3,053		188 ✓			7.984		189 ✓		TO PORTUGUESE BEND (YACHT HARBOR DR.)
1	9442 ✓	3147 ✓		188	55°	24,236 ✓	8.079 ✓		189	SEE F.B. 1355-19 FOR DESC.
										B.M. 34-15
										PALOS VERDES DR. S. AT ENT.
										TO PORTUGUESE BEND
										SEE F.B. 1359-19 FOR DESC.
	5.111		222			6.052		224		
	4.889		221			5.828		225		+ 3.147 ✓
	4.668		443 ✓			5.603		449 ✓		- 8.079 ✓
2	14668 ✓	4.889 ✓		.631		17.483 ✓	5.828 ✓		.638	- 4.932 ✓
	4598		190			6.305		188		
	4.408		190			6.115		187		
	4218		380 ✓			5.928 ✓		375 ✓		
3	13.224 ✓	4.408 ✓		1.011		18.346 ✓	6.115 ✓		1.013	
	4.071		192			6.319		188		
	3.879		188			6.131		192		
	3.691		380 ✓			5.939 ✓		380 ✓		
4	11.641 ✓	3.880 ✓		1.391		18.389 ✓	6.130 ✓		1.393	
		13.177 ✓					18.173 ✓			

F.B. 2400 P.G. 160

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 DRIZZLE Inst. No. 50010
Notes by G. E. DREIER Time 11:35 TO 12:15 Rod No. 11812

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 34-14 To B.M. 34-16
Date 1-20-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.852	3.177 ✓	189	1.391		6.511	18.073 ✓	192	1.393	
	3.663		185			6.319		188		
	3.478		374 ✓			6.131		380 ✓		
5	10.993 ✓	3.664 ✓		1.765		18.961 ✓	6.320 ✓		1.773	
	3.319		191			7.219		191		
	3.128		190			7.028		190		
	2.938		381 ✓			6.838		381 ✓		
6	9.385 ✓	3.128 ✓		2.146		21.085 ✓	7.028 ✓		2.154	
	2.801		187			7.402		189		
	2.614		186			7.213		185		
	2.428		373 ✓			7.028 ✓		374 ✓		
7	7.843 ✓	2.614 ✓		2.519		21.643	7.214 ✓		2.528	
	3.918		190			6.919		192		
	3.728		189			6.727		194		
	3.539		379 ✓			6.533 ✓		386 ✓		
8	11.185 ✓	3.728 ✓		2898		20.179	6.726 ✓		2.914	
	3.579		190			7.556		189		
	3.389		191			7.367		188		
	3.198		381 ✓			7.179 ✓		377 ✓		
9	10.166 ✓	3.389 ✓		3.279		22.102 ✓	7.367 ✓		3.291	
		29.700 ✓					52.728 ✓			

F.B. 2400 PG. 161

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather DRIZZLE Inst. No. 50010
Notes by G. E. DREIER Time 11:35 TO 12:15 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 34-14 To B.M. 34
Date 1-20-56
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
	4.131	29.700	.189	3.279		6.579	52.728	186	3291	
	3.942		185			6.393		182		+38.635
	3.757		374			6.211		368		-64.986
10	11.830	3.943		3.653		19.183	6.394		3659	-26.351
	5.139		147			6.012		149		
	4.992		147			5.863		145		B.M. 34-16 (U.S. 4133, X-787 1946)
	4.845		294			5.718		294		PALOS VERDES DR. S. & CRENSHAW BLVD.
11	14.976	4.992		3.947		17.593	5.864		3953	SEE F.B. 1355-20 FOR DESC.
		38.635					64.956			
									34-15	Δ 34-14 = -26.351 - 4.932 = -31.283

F.B. 2400 P.G. 162

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										LINE NO. 50
										L.A. Co. PRECISE LEVEL NET
										JOB NO 0301.02
										ADDITIONAL B.M.'S AND T.B.M.'S ON
										CRENSHAW BLVD AND PALOS VERDES DR. S.
										DREIER
										WOODY
										OHASHI
										DELENDEZ
										DOYER

F.B. 2400 P.G. 163

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. 50010
Notes by G.E. DREIER Time 2:50 TO 3:40 Rod No 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 030102
From B.M. 50-10 To B.M. 50-11
Date 9-12-56
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
	3.427		089		#11	10.088		085		B.M. 50-10
	3.338		086			10.003		084		CRENSHAW BLVD, 1.3 MI. S'ly
	3.252 ✓		175 ✓			9.919 ✓		169 ✓		FROM CREST RD.
1	10.017 ✓	3.339 ✓		175	78°	30.010 ✓	10.003 ✓		169	SEE F.B. 2400-16 FOR DESC.
	1.202		090			10.775		090		
	1.112		090			10.685		090		
	1.022 ✓		180 ✓			10.595 ✓		180 ✓		
2	3.336 ✓	1.112 ✓		355		32.055 ✓	10.685 ✓		349	J. MOODY
	1.376		095			11.667		097		
	1.281		095			11.568		096		
	1.186 ✓		190 ✓			11.472 ✓		195 ✓		
3	3.843 ✓	1.281 ✓		545		34.707 ✓	11.569 ✓		544	
	0.728		103			11.431		099		
	0.625		102			11.332		097		
	0.523 ✓		205 ✓			11.235 ✓		196 ✓		
4	1.876 ✓	0.625 ✓		750		33.998 ✓	11.333 ✓		740	
	0.701		097			11.045		097		
	0.604		096			10.948		096		
	0.508 ✓		193 ✓			10.852 ✓		193 ✓		
5	1.813 ✓	0.604 ✓		943		32.845 ✓	10.948 ✓		933	
	6.961 ✓					54.538 ✓				

F.B. 2400 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 LIGHT HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:40 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0.301 02
From B.M. 50-10 To B.M. 50-11
Date 9-12-56
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
	0.757	6.961 ✓	083	943		11.041	54.538 ✓	072	933	
	0.674		082			10.969		071		
	0.592		165 ✓			10.898		143 ✓		
6	2.023 ✓	0.674 ✓		1.108		32.908 ✓	10.969 ✓		1.076	
	0.564		096			11.602		087		
	0.468		094			11.515		087		
	0.374 ✓		190 ✓			11.428 ✓		174 ✓		
7	1.406 ✓	0.469 ✓		1.298		34.545 ✓	11.515 ✓		1.250	
	0.560		041			3.874		043		
	0.519		041			3.831		044		
	0.478 ✓		082 ✓			3.787 ✓		087 ✓		
8	1.557 ✓	0.519 ✓		1.380		11.492 ✓	3.831 ✓		1.337	
	0.612		045			9.317		055		+ 9.190 ✓
	0.567		044			9.262		054		- 90.115 ✓
	0.523 ✓		089 ✓			9.208 ✓		109 ✓		DIFF. 50-10 TO T.8.M. #12 - 80.925 ✓
9	1.702 ✓	0.567 ✓		1.469		27.787 ✓	9.262 ✓		1.446	
		9.190 ✓					90.115 ✓			T.8.M. #12
										CRENSHAW BLVD., E'LY SIDE, 1.45 mi.
										S. OF CREST RD., P.K. SPK IN
										CENTER OF CULVERT HEADWALL

F.B. 2400 P.G. 166

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. 50010
Notes by G.E DREIER Time 10:30 TO 11:45 Rod No 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 9-13-56
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
	7.378		104	1.469		11.387		098	1.446	
	7.274		102			11.289		097		
	7.172 ✓		206 ✓			11.192 ✓		195 ✓		
10	21.824	7.275 ✓		1.675		33.868	11.289 ✓		1.641	
	0.675		094			11.185		088		
	0.581		093			11.097		088		
	0.488 ✓		187 ✓			11.009 ✓		176 ✓		
11	1.744	0.581 ✓		1.862		33.291	11.097 ✓		1.817	
	0.412		090			11.512		093		
	0.322		090			11.419		091		
	0.232 ✓		180 ✓			11.328 ✓		184 ✓		
12	0.966	0.322 ✓		2.042		34.259 ✓	11.420 ✓		2.001	
	0.397		089			11.324		103		
	0.308		086			11.221		102		
	0.222 ✓		175 ✓			11.119 ✓		205 ✓		
13	0.927	0.309 ✓		2.217		33.664	11.221 ✓		2.206	
	0.362		079			10.442		085		
	0.283		078			10.357		087		
	0.205 ✓		157 ✓			10.270 ✓		172 ✓		
14	0.850	0.283 ✓		2.374		31.069	10.356 ✓		2.378	
	8.770 ✓					55.383 ✓				

F.B. 24.06 P.G. 167

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 HAZE Inst. No 50010
Notes by G. E. DREIER Time 10:30 TO 11.45 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 9-13-56
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
	0.496	8.770	071	2.374		9.786	55.383	078	2.378	
	0.425		071			9.708		075		
	0.354		142			9.633		153		
15	1.275	0.425		2.516		29.127	9.709		2.531	
	0.501		075			9.619		072		
	0.426		074			9.547		072		
	0.352		149			9.475		144		
16	1.279	0.426		2.665		28.641	9.547		2.675	
	0.342		071			9.428		070		
	0.271		071			9.358		069		
	0.200		142			9.289		139		
17	0.813	0.271		2.805		28.075	9.358		2.814	
	0.434		076			10.313		083		
	0.358		076			10.235		081		
	0.282		152			10.154		164		
18	1.074	0.358		2.957		30.707	10.236		2.978	
	0.450		075			9.953		074		
	0.375		074			9.879		072		
	0.301		149			9.807		146		
19	1.126	0.375		3.106		29.639	9.880		3.124	
			10.625				104.113			

F.B. 2400 P.G. 16.8

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT HAZE Inst. No. 50010
Notes by G.E. DREIER Time 10:30 TO 11:45 Rod No 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 50-10 To B.M. 50-11
Date 9-13-56
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
	0.659	10.625'	079	3.108		8.458	104.113'	081	3.124	+ 11.205'
	0.580		078			8.377		080		- 112.490
	0.502		157			8.297		161'		DIFF. T.B.M.# 12 TO T.B.M.# 13 - 101.285'
20	1.741'	0.580'		3.263'		25.132'	8.377'		3.285	
		11.205'					112.490'			T. B. M. # 13
										CRENSHAW BLVD. 1.7 MI. S. OF CREST RD., P.K. SPK 1FT W. OF S.E'LY COR. OF ROCK WALL OF
	0.562		107			10.205		096		CULVERT CATCH BASIN
	0.455		104			10.109		094		
	0.351		211'			10.015		190'		
21	1.368'	0.456'		3.474		30.329	10.110'		3.475	
	0.444		077			11.482		091		+ 1.215
	0.367		076			11.391		092		- 29.591
	0.291		153'			11.299		183'		DIFF. T.B.M.# 13 TO 50-11 - 28.376'
22	1.102	0.367'		3.627'		34.172	11.391'		3.658	
	0.484		092			8.181		090		
	0.392		093			8.091		092		BM. 50-11
	0.299		185'			7.999		182		CRENSHAW BLVD., S. SIDE, 1.15 MI. N. OF PALOS VERDES DR. S. SEE F.B. 2400-17
23	1.175	0.392'		3.812		24.271	8.090'		3.840	
		1.215'					29.591'			

F.B. 2400 P.G. 169

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 50-11 To B.M. 50-10
Date 9-13-56
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
	8.228		091		#11	0.526		093		B.M. 50-11
	8.137		090			0.433		091		CRENSHAW BLVD, 1.15 MI. N'LY FROM
	8.047 ✓		181			0.341 ✓		184		PALOS VERDES DR. S.
1	24.412	8.137		181	85°	1.300	0.433 ✓		184 ✓	SEE F.B. 2400-17 FOR DESC.
	11.491		089			0.465		082		
	11.402		088			0.383		080		
	11.314		177			0.303		162 ✓		
2	34.207 ✓	11.402 ✓		.358		1.151	0.384 ✓		.346 ✓	
	10.362		100			0.708		101		+29.801
	10.262		100			0.607		102		-1.424
	10.162		200 ✓			0.505 ✓		203 ✓		DIFF 50-11 TO T.B.M. # 13 +28.377 ✓
3	30.786 ✓	10.262 ✓		.558 ✓		1.820	0.607 ✓		.549 ✓	
	29.801 ✓					1.424 ✓				T.B.M. #13
										CRENSHAW BLVD, N'LY SIDE 1.7 MI. S.
										OF CREST RD, P.K. SPK IN W.O.C. AT S. E'LY COR
										OF ROCK WALL OF CULVERT C.B.
										F.B. 2400-17
	8.461		083			0.658		074		
	8.378		082			0.584		073		
	8.296 ✓		165 ✓			0.511 ✓		147 ✓		
F.B. 2400 P.G. 170 4	25.135	8.378 ✓		.723 ✓		1.753	0.584 ✓		.696 ✓	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather LIGHT HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-10
Date 9-13-56
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
	10.152	8.378	074	0.723		0.646	0.584	075	0.696	
	10.078		074			0.571		075		
	10.004		148			0.496		150		
5	30.234	10.078		0.87		1.713	0.571		.846	
	10.341		082			0.461		077		
	10.259		081			0.384		077		
	10.178		163			0.307		154		
6	30.778	10.259		1.034		1.152	0.384		1.000	
	9.698		070			0.608		071		
	9.628		069			0.537		070		
	9.559		139			0.467		141		
7	28.885	9.628		1.173		1.612	0.537		1.141	
	9.791		076			0.673		074		
	9.715		072			0.599		072		
	9.643		148	21		0.527		146		
8	29.149	9.716		1.334		1.799	0.600		1.287	
	10.023		076			0.731		073		
	9.947		075			0.658		072		
	9.872		151	72		0.586		145		
9	29.842	9.947		1.482		1.975	0.658		1.432	
	58.006					3314				
						34				

F.B. 2400 P.G. 1-71

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E.DREIER Time 11:45 TO 3:00 Rod No 11812

Name **L. A. CO PRECISE LEVEL NET**
Job No 0301.02
From B.M. 50-11 To B.M. 50-10
Date 9-13-56
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
	10.631	58.006	089	1.482		0.553	3.344	080	1.432	
	10.542		086	72		0.473	34	078		
	10.456		175			0.395		158		
10	31.629	10.543		1.657		1.421	0.474		1.590	
	11.591		104			0.667		090		
	11.487		102			0.577		089		
	11.385		206			0.488		179		
11	34.463	11.488		1.863		1.732	0.577		1.769	
	11.536		092			0.438		091		
	11.444		090			0.347		091		
	11.354		182			0.256		182		
12	34.334	11.445		2.045		1.041	0.347		1.951	
	11.163		072			0.686		114		
	11.091		074			0.572		115		
	11.017		146			0.457		229		
13	33.271	11.090		2.191		1.715	0.572		2.180	
	11.764		100			7.764		105		+ 114.236
	11.664		099			7.659		105		− 12.943
	11.565		199			7.554		210		DIFF. T.B.m.#13 TO T.B.m.#12 + 101.293
14	34.993	11.664		2.390		22.977	7.659		2.390	
	114.236					12.943				

F.B. 240 P.G. 172

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:45 TO 3:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 50-11 To B.m. 50-10
Date 9-13-56
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
				2.390					2.390	T.B.M. #12 CRENSHAW BLVD, E'LY SIDE, 1.45 MI. S. OF CREST RD. P.K. SPK IN CENTER OF CULVERT HEADWALL
	9.564		056			0852		043		
	9.508		052			0,809		042		
	9.454		110	490		0,767		085		
15	28.526	9.509		2.500		2.428	0.809		2.475	
	6.448		036			3.144		040		
	6.412		036			3.104		042		
	6.376		072			3.062		082		
16	19.236	6.412		2.572		9.310	3.103		2.557	
	11.808		088			0.741		096		
	11.720		086			0.645		096		
	11.634		174	3		0.549		192		
17	35.162	11.721		2.746		1.935	0.645		2.749	
	11.007		071			0.729		083		
	10.936		070			0.646		083		
	10.866		141	7		0.563		166		
18	32.809	10.936		2.887		1.938	0.646		2.915	
	38.578					5.203				

F.B. 2400 P.G. 173

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by G. E. DREIER Time 11:45 TO 3:00 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-11 To B.M. 50-10
Date 9-13-56
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
	11.110	38.578	098	2.887		0.767	5.203	100	2.915	
	11.012		095			0.667		099		
	10.917		193			0.568		199		
19	33.039	11.013		3.080		2.002	0.667		3.114	
	11.352		097			0.655		104		
	11.255		096			0.551		103		
	11.159		193			0.448		207		
20	33.766	11.255		3.283		1.654	0.551		3.321	
	11.522		096			1.228		096		
	11.426		098			1.132		094		
	11.331		191			1.038		190		
21	34.279	11.426		3.484		3.398	1.133		3.511	
	11.566		098			1.997		096		+ 94.076
	11.468		097			1.901		093		− 13.123
	11.371		195			1.808		189		DIFF. T.B.M.#13 TO 50-10 + 80.953
22	34.405	11.468		3.659		5.706	1.902		3.700	
	10.425		090			3.762		094		B.M. 50-10
	10.335		088			3.668		096		CRENSHAW BLVD. 1.3 MI. S. OF
	10.247		178			3.572		190		CREST RD.
23	31.007	10.336		3.887		11.002	3.667		3.890	SEE F.B. 2400-16 FOR DESC
	94.076					13.123				

F.B. 2440 P.G. 174

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 3:40 Rod No. #11 & #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.0
From T.B.M. #12 To B.M. 50-10
Date 9-13-56
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
	9.548		056		#11	0.836		043		T.B.M. #12
	9.492		055			0.793		043		CRENSHAW BLVD., E'ly SIDE, 1.45
	9.437		111'			0.750		086'		MI. S. OF CREST RD.
1	28477	9.492'		111	85	23790	0.793		.086	P.K. SPK IN CENTER OF CULVERT
	6.837		039			3.529		038		HEADWALL
	6.798		037			3.491		038		
	6.761		076'			3.453		076'		T J. MOODY
2	20396	6.799'		.187		10473	3.491		.162	
	11.828		087			0.764		096		
	11.741		085			0.668		096		
	11.656		172			0.572		192'		
3	35225	11.742'		359		2004	0.668		.354	
	11.011		073			0.733		082		
	10.938		070			0.651		083		
	10.868		143'			0.568		165'		
4	32817	10.939		.502		1952	0.651		.519	
	11.071		097			0.728		100		
	10.974		097			0.628		097		
	10.877		194'			0.531		197'		
5	32922	10.974		.696		1887	0.629		.716	
	49.946'					6,232'				

F.B. 2400 P.G. 17-5

76P526 S & E #379 1-54

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Chief of Party G. L. [illegible] R Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 3:15 TO 3:40 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From T.B.M. #12 To B.M. 50-10
Date 9-13-56
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
	11.261	49.946	098	.696		0.563	6.232	104	.716	
	11.163		095			0.459		102		
	11.068		193			0.357		206		
6	33.492	11.164		.889		1.379	0.460		.922	
	11.698		100			1.403		095		
	11.598		099			1.308		096		
	11.499		199			1.212		191		+93.906
7	34.795	11.598		1.088		3.923	1.308		1.113	-12.962
	11.134		092			1.571		095		DIFF. T.B.M. #12 TO 50-10 +80.944
	11.042		090			1.476		095		
	10.952		182			1.381		190		
8	33.128	11.043		1.270		4.428	1.476		1.303	
	10.244		089			3.574		087		B.M. 50-10
	10.155		088			3.487		089		CRENSHAW BLVD, 1.3 mi. SLy FROM
	10.067		177			3.398		176		CREST RD.
9	30.466	10.155		1.447		10.459	3.486		1.479	SEE F.B. 2400-16 FOR DESC
		93.906					12.962			

F.B. 2400-G-176

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR, SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:00 to 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 230.07
From T.B.M. #12 To B.M. 50-10
Date 9-14-56
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
	9972		056		#11	1255		038		T.B.M. #12
	9916		056			1217		037		CRENSHAW BLVD., ELY SIDE, 1.45 MI.
	9860		112			1180		075		S. of CREST RD.
1	29748	9.916		.112	78°	3652	1.217		.075	PK. SPK. IN CENTER of CULVERT
	6073		034			2774		042		HEADWALL
	6039		034			2732		044		
	6005		068			2688		086		* J.A. MOODY
2	18117	6.039		.180		8194	2.731		.161	
	11.893		087			0828		096		
	11,806		087			0732		094		
	11719		174			0638		190		
3	35418	11.806		.354		2,198	0.733		.351	
	10.988		071			0712		024		
	10.917		069			0628		082		
	10848		140			0546		166		
4	32753	10.918		.494		1.886	0.629		.517	
	10,998		096			0650		093		
	10902		095			0557		093		
	10.807		191			0464		186		
5	32707	10.902		.685		1.671	0.557		.703	
	49.581					5.867				

F.B. 2400 P.G. 177

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLEAR SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:00 to 9:40 Rod No. 11 & 12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. #12 To BM 50-10
Date 9-14-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.089	49.581	096	.685		0386	5.867	096	.703	
	10993		095			0290		097		
	10.898		191			0193		193		
6	32980	10.993		.876		0869	0.290		.896	
	11941		103			1637		091		
	11.838		101			1546		091		
	11.737		204			1455		182		+93.934
7	35516	11.839		1.080		4638	1.546		1.078	-12.988
	11.522		095			1949		091		DIFF. T.B.M. #12 TO 50-10 +80.946
	11.427		096			1858		091		
	11.331		191			1767		182		
8	34280	11.427		1.271		5574	1.858		1260	
	10.177		084			3519		092		BM 50-10
	10093		082			3427		093		CRENSHAW BLVD., 1.3 MI. S'LY FROM
	10.011		166			3334		185		CREST RD.
9	30281	10.094		1.437		10280	3.427		1.445	SEE F.B. 2400-16 FOR DESC.

F.B. 2400 P.G. 178

93.934 12.988

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. 50010
Notes by J. A. MOORY Time 9:55 to 10:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 50-10 To T.B.M. #12
Date 9-14-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3588		092			10.247		085		BM 50-10
	3496		092			10.162		085		CRENSHAW BLVD., 1.3 MI. S'LY FROM
	3404		184			10077		170		CREST. RD.
1	10488	3496		184	80°	30486	10.162		170	SEE F.B. 2400-16 FOR DESC.
	1419		090			10.993		091		
	1329		090			10.902		091		* G.E. DREIER
	1239		180			10.811		182		
2	3987	1.329		364		32706	10.902		352	
	1657		096			11.950		100		
	1561		093			11.850		099		
	1468		189			11.751		199		
3	4686	1.562		553		35551	11.850		551	
	0584		102			11.287		096		
	0482		102			11.191		095		
	0380		204			11.096		191		
4	1.446	0.482		757		33574	11.191		742	
	0923		095			11.270		099		
	0828		094			11.171		099		
	0734		189			11.072		198		
5	2485	0.828		946		33513	11.171		940	
		7.697					55.276			

F.B. 2400 P.G. 179

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather CLEAR SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:55 to 10:35 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0391.02
From BM 50-10 To T.B.M. #12
Date 9-14-56
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
	0957	7.697	083	946		11.242	55.276	072	940	
	0874		082			11.170		072		
	0792		165			11098		144		
6	2.623	0.874		1111		33510	11.170		1084	
	0939		085			12019		096		
	0854		085			11923		095		
	0769		170			11828		191		+ 14.053
7	2562	0.854		1281		35770	11.923		1275	- 95.004
	3460		040			6709		037		DIFF 50-10 TO T.B.M. #12 - 80.951
	3360		040			6672		035		
	3320		080			6637		072		
8	10080	3.360		1361		20018	6.673		1347	
	1305		037			10017		055		T.B.M. #12
	1268		037			9962		55		CRENSHAW BLVD., E'LY SIDE, 1.45 MI.
	1231		074			9907		110		S. OF CREST RD.
9	3.804	1.268		1435		29886	9.962		1457	PK SPK IN CENTER OF CULVERT
										HEADWALL

F.B. 2400 P.G. 180

14.053 95.004

76P526 S & E #379 1-54

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Chief of Party G. E. BAKER Weather CLEAR-SUNNY Inst. No 50010
Notes by J. A. MOODY Time 10:45 to 10:55 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From T.B.M. #13 To BM 50-11
Date 9-14-56
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
	0622		100		#11	10.277		100		T.B.M. #13
	0522		100			10.177		098		CRENSHAW BLVD., NLY SIDE 1.7 MI. S. of
	0422		200			10.079		198		CREST RD. P.K. SPK. 1'ft W. of S.E'LY
1	1.566	0.522		200	82°	30.533	10.178		198	COR. of ROCK WALL of CULVERT C.B.
	0608		080			11.638		088		SEE F.B. 2400-17 FOR DESC.
	0528		080			11.550		088		
	0448		160			11.462		176		
2	1.584	0.528		360		34650	11.550		374	
	0421		098			8108		085		B.M 50-11
	0323		098			8023		085		CRENSHAW BLVD., 1.15 MI. NLY FROM
	0225		196			7938		170		PALOS VERDES DR. S.
3	0.969	0.323		556		24069	8.023		544	SEE F.B. 2400-17 FOR DESC.
										+ 1.373
										- 29.751
								DIFF IN ELEV		T.B.M. #13 TO 50-11 - 28.378
										F.B. 2400 P.G. 18
		1.373					29.751			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 8:00 to 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 50-11 To T.B.M. #18
Date 9-17-56
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
	0459		031		#11	7848		031		BM 50-11
	0428		031			7817		034		CRENSHAW BLVD, 1.15 MI, N'LY
	0397		062			7783		065		FROM PALOS VERDES DR. SO.
1	1.284	0.428		.062	80°	23448	7.816		.065	SEE F.B. 2400-17 for DESC.
	0418		072			10.373		071		
	0346		071			10.302		071		T. G. E. DREIER
	0275		143			10.231		142		
2	1.039	0.346		.205		30906	10.302		.207	
	2811		077			5116		077		+3.508
	2734		077			5039		076		-23.157
	2657		154			4963		153		DIFF. B.M. 50-11 TO T.B.M. #16 -19.649
3	8202	2.734		359		15118	5.039		360	
	3.508					23.157				
										T.B.M. #16
										CRENSHAW BLVD, N'LY SIDE 1.1 MI, N'LY FROM PALOS VERDES DR. S., A STAMPED "16" SQ SPK IN TOP OF E'LY WALL OF DRAIN
										CHANNEL 26.8 FT. N.W OF GUY POLE # 1035223E
	1077		066			11.347		065		F.B. 2400 P.G. 63
	1011		067			11282		067		
	0944		133			11.215		132		
4	3.032	1.011		492		33.844	11.281		492	

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather CLEAR; SUN Inst. No. 500.12
Notes by J. A. Moody Time 8:00 to 9:10 Rod No. 11 & 12

Name L. A. [illegible] LEVEL NET
Job No. 230.02
From B.M. 50-11 To T.B.M. 18
Date 9-17-56
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
	1032	1.011	081	1.924		11.579	11.281	078	492	
	0951		081			11.501		078		
	0870		162			11.423		156		
5	2853	0.951		.654		34503	11.501		648	
	0645		088			11.487		087		
	0557		089			11.400		087		
	0468		177			11.313		174		
6	1670	0.557		.831		34200	11.400		822	
	1137		088			10767		086		
	1049		087			10.681		086		
	0962		175			10595		172		
7	3148	1.049		1006		32043	10.681		994	
	1058		079			9613		081		
	0979		078			9.532		080		
	0901		157			9452		161		
8	2938	0.979		1163		28597	9.532		1155	
F.B. 2402 P.G. 184	0942	4.547	079			11.363	54[illegible]	080		
	0863		078			11.283		079		
	0785		157			11.204		159		
9	2590	0.863		1320		33850	11.283		1314	
			5410					65.678		

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR - SUNNY Inst. No. 500.10
Notes by J. A. Moody Time 8:00 to 9:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 59-11 To T.B.M. #18
Date 9-17-56
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
	3268	5.410	.076	1.320		8828	65.678	098	1.314	+8.602
	3192		075			8730		097		-74.408
	3117		151			8633		195		DIFF. T.B.M. #16 TO T.B.M. #17 -65.806
10	9.577	3.192		1.471		26.191	8.730		1.509	
		8.602					74.408			
										T.B.M. #17 N'LY SIDE CRENSHAW BLVD. 1.0 MI. N'LY FROM PALOS VERDES DR. S, A L.&T. STAMPED "17" IN SW. COR OF CULVERT HEAD
	0466		.087			10.927		.085		WALL (NOTE - SAME CULVERT AS
	0379		086			10.842		084		T.B.M. #14)
	0293		173			10.758		169		
11	1.138	0.379		1.644		32.527	10.842		1.678	
	1090		.087			10.447		.088		
	1.003		086			10.359		088		
	0917		173			10.271		176		
12	3.010	1.003		1.817		31.077	10.359		1.854	
	0465		.088			10.093		.086		
	0377		087			10.007		085		
	0290		175			9.922		171		
13	1.132	0.377		1.992		30.022	10.007		2.025	
		1.759					31.208			

F.B. 2400 P.G. 185

76P526 S & E #379 1-54

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Chief of Party [illegible] Weather CLEAR - SUN Inst. No. 50010
Notes by J.A. MOODY Time 8:00 TO 9:10 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 50-11 To T.B.M. #18
Date 9-17-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.054	1.759	087	1.992		9.812	31.208	085	2.025	
	0.967		087			9.727		086		
	0.880		174			9.641		171		
14	2.901	0.967		2.166		29.180	9.727		2.196	
	0.452		086			10.350		087		+6.674
	0.366		086			10.263		086		-55.153
	0.280		172			10.177		173		DIFF. T.B.M. #17 TO T.B.M. #18 -48.479
15	1.098	0.366		2.338		30.790	10.263		2.369	
	3.627		045			4.015		059		
	3582		045			3.956		061		
	3.537		090			3.895		120		T.B.M. #18
16	10.746	3.582		2.428		11.866	3.955		2.489	CRENSHAW BLVD, N'LY SIDE, 0.85 MI
										N'LY FROM PALOS VERDES DR. S., SQ. SPK. STAMPED "18" IN S.W. COR OF CULVERT HEADWALL
		6.674					55.153			

F.B. 2400 P.G. 186

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather CLEAR: SUNL Inst. No. 50010
Notes by J. A. MOODY Time 9:15 to 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301-02
From T.B.M. #18 To BM 50-11
Date 9-17-56
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
	3929		052		#11	3555		052		T.B.M #18
	3877		051			3503		050		CRENSHAW BLVD., N'LY SIDE, 0.85 M.
	3826		103			3453		102		N'LY FROM PALOS VERDES DR. S.,
1	11.632	3.877		.103	85°	10.511	3.504		.102	SQ. SPK. STAMPED "18", IN S.W. COR. OF
	10242		085			0349		087		CULVERT HEADWALL
	10.157		086			0262		086		∓ G.E. DREIER
	10.071		171			0176		173		
2	30.470	10.157		.274		0.787	0.262		.275	
	9748		088			0985		085		
	9660		088			0900		085		
	9572		176			0815		170		
3	28.980	9.660		.450		2.700	0.900		.445	
	9992		088			0361		087		
	9904		086			0274		086		
	9818		174			0188		173		
4	29.714	9.905		.624		0.823	0.274		.618	
	10542		089			1186		088		
	10453		088			1098		086		
	10.365		177			1012		174		
5	31.360	10.453		.801		3.296	1.099		.792	
	44052					6.038				

F.B. 24.00 P.G. 187

76P526 S & E #379 1-54

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Chief of Party G. F. DREIER Weather CLEAR - SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:15 to 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 2301.02
From T.B.M. #18 To BM 50-11
Date 9-17-56
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
	11192	44052	086	.801		0732	6036	088	.792	
	11106		088			0644	9	085		+ 55.157
	11018		174			0559		173		- 6.684
6	33.316	11.105		.975		1.935	0.645		.965	DIFF T.B.M. #18 TO T.B.M. #17 + 48.473
		55.157					6.684			
										T.B.M. #17
										CRENSHAW BLVD, NLY SIDE, 1.0 mi.
										NLY FROM PALOS VERDES DR. S, A L.&T.
										STAMPED "17" IN S.W. COR. OF
	8859		096			3317		090		CULVERT HEADWALL (NOTE - SAME
	8763		095			3227		089		CULVERT AS T.B.M. # 14)
	8668		191			3138		179		
7	26290	8.763		1.166		9.682	3.227		1.144	
PG. 188	11.271		077			0859		083		
	11.194		074			0776		084		
	11.120		151			0692		167		
8	33.585	11.195		1.317		2.327	0.776		1.311	F.B. ..... P.G. .....
F.B. 2400	9454		076			0906		082		
	9378		076			0824		081		
	9302		152			0743		163		
9	28134	9.378		1.469		2.473	0.824		1.474	
	29.336					4.827				

76P526 S & E #379 1-54

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Chief of Party G. E. [illegible] Weather CLEAR - SUN Inst. No 50019
Notes by J.A. Moody Time 9:15 to 10:10 Rod No. 11 & 12

Name L. A. CO. [illegible] SEL NET
Job No. 030102
From T.B.M. #18 To B.M. 50-11
Date 9-17-56
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
	10.673	29.336	.086	1469		1043	4827	.086	1474	
	10587		086			0957		087		
	10501		172			0870		173		
10	31.761	10.587		1641		2.870	0.957		1647	
	11762		087			0917		086		
	11675		086			0831		088		
	11589		173			0743		174		
11	35026	11.675		1814		2491	0.830		1821	
	11.555		080			1005		080		
	11475		079			0925		078		
	11396		159			0847		158		
12	34426	11.475		1973		2777	0926		1979	+ 74.311
										- 8.506
	11.303		065			1032		065		DIFF T.B.M.17 TO T.B.M.16 +65.805
	11238		065			0967		067		
	11173		130			0900		132		
13	33714	11.238		2103		2899	0.966		2111	+ T.B.M. #16
		74.311					8.506			CRENSHAW BLVD, N'LY SIDE 1.1 MI. N'LY FROM PALOS VERDES DR S., A SQ SPK. STAMPED #16 IN TOP OF E'LY WALL OF DRAIN CHANNEL, 26' ± N.W. of GUY POLE # 1035223E

F.B. 2400 P.G. 1/89

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:15 to 10:10 Rod No. 11 & 12

Name L. A. CO. ENGINEERS LEVEL NET
Job No. 0301.02
From T.B.M. #18 To B.M. 50-11
Date 9-17-56
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
	5156		078	2103		2850		077	2111	
	5078		078			2773		076		
	5000		156			2697		153		
14	15234	5.078		2259		8320	2.773		2264	
	10.362		072			0405		072		+23.239
	10.290		073			0.333		072		- 3.589
	10.217		145			0.261		144		
15	30.869	10.290		2404		0.999	0.333		2408	DIFF T.B.M. #16 TO 50-11 +19.650
	7906		035			0513		030		
	7871		035			0483		029		
	7836		070			0453		059		
16	23613	7.871		2474		1450	0.483		2467	
		23.239					3.589			B.M. 50-11
										CRENSHAW BLVD, 115 MI NLY FROM
										PALOS VERDES DR. SO.
										SEE F.B. 2400-17 FOR DESC.

F.B. 2400 P.G. 190

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. #18 To T.B.M. #22
Date 2-17-56
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
	1.998		126		#11	10.395		124		T.B.M. #18 N'LY SIDE
	1.872		124			10.271		126		CRENSHAW BLVD. 0.85 MI. N'LY
	1.748		250			10.145		250		FROM PALOS VERDES DR. S., SQUARE
1	5.618	1.873		.250	83°	30.811	10.270		.250	SPK. IN S.W. COR OF CULVERT HEADWALL
	0.519		079			9.755		086		
	0.440		079			9.669		086		
	0.361		158			9.583		172		T J. MOODY
2	1.320	0.440		.408		29.007	9.669		.422	
	0.683		085			9.874		087		
	0.598		087			9.787		086		
	0.511		172			9.701		173		
3	1.792	0.597		.580		29.362	9.787		.595	
	0.663		072			10.479		071		
	0.591		073			10.408		070		
	0.518		145			10.338		141		
4	1.772	0.591		.725		31.225	10.408		.736	
	0.706		059			10.102		060		
	0.647		059			10.042		058		
	0.588		118			9.984		118		
5	1.941	0.647		.843		30.128	10.043		.854	
	4.148					50.177				

F.B. 340 P.G. 141

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From T.B.M. #18 To T.B.M. #22
Date 9-17-56
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
	0.407	4.148	064	.843		10.366	50.177	060	.854	
	0.343		064			10.306		058		
	0.279		.128			10.248		1.118		
6	1.029	0.343		.971		30.920	10.307		.972	
	1.873		145			5.122		146		
	1.728		146			4.976		148		
	1.582		.291			4.832		.290		
7	5.183	1.728		1.262		14.930	4.977		1.262	
	2.620		019			11.606		034		
	2.601		019			11.572		035		
	2.582		.038			11.537		069		
8	7.803	2.601		1.300		34.715	11.572		1.331	
	0.396		098			8.419		088		+9.118
	0.298		099			8.331		089		-85.364
	0.199		.197			8.242		.177		DIFF T.B.M. #18 to T.B.M. #19 -76.246
9	0.893	0.298		1.497		24.992	8.331		1.508	
		9.118					85.364			

F.B. 24.00 P.G. 192

T.B.M. #19
CRENSHAW BLVD. E'LY SIDE, 0.75 MI. N'LY FROM PALOS VERDE DR. S,
SQUARE SPK. STAMPED "19" IN V.W. COR OF CULVERT HEADWALL
(NOTE — HEADWALL CRACKED AND T.B.M. #19 MAY BE SETTLING)

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. [illegible]
Job No. D301.02
From T.B.M. #18 To T.B.M. #22
Date 9-17-56
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
	8.416		.091	1.497		8.331		.070	1.508	+8.326 ✓
	8.325		.088			8.261		.067		-8.262 ✓
	8.237		1.179			8.194		1.37		DIFF. T.B.M. 19 TO T.B.M. #20 + 0.064 ✓
10	24.978	8.326		1.676		24.786	8.262		1.645	
										T.B.M. #20
										CRENSHAW BLVD, E'LY SIDE, 0.75 mi
										N'LY FROM PALOS VERDES DR. S.,
										SQUARE SPK STAMPED "20" IN
	8.329		.065			0.388		.097		TOP OF S.E. COR OF CULVERT
	8.261		.067			0.291		.099		HEADWALL (IN ASSUMED
	8.194		1.35			0.192		1.96		STABLE PORTION OF HEADWALL)
11	24.784	8.261		1.811		0.871	0.290		1.841	
	9.493		.155			11.547		.116		
	9.338		.153			11.431		.116		
	9.185		1.308			11.315		.232		
12	28.016	9.339		2.119		34.293	11.431		2.073	
	0.449		.051			10.692		.058		
	0.398		.050			10.634		.057		
	0.348		1.101			10.577		1.115		
13	1.195	0.398		2.220		31.903	10.634		2.188	
		17.998					22.365			

F.B. 2400 P.G. 193

76P526 S & E #379 1-54

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

Name L. A. CO. P
Job No. 0301.02
From T.B.M. #18 To T.B.M. #22
Date 9-17-56
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
	0.961	17.998	093	2.220		10.593	22.355	081	2.188	
	0.868		096			10.512		080		
	0.772		189			10.432		161		
14	2,601	0.867		2.409		31537	10.512		2349	
	0.466		077			11.975		088		+19.254
	0.389		076			11.887		088		- 44.754
	0.313		153			11.799		176		DIFF. T.B.M. #20 TO T.B.M. #21 - 25.500
15	1.168	0.389		2.562		35.661	11.887		2.525	
	19.254					44.754				
										T.B.M. #21
										CRENSHAW BLVD. NLY SIDE, 0.65 MI. NLY FROM PALOS VERDES DR. S, A B SPK IN N.W. COR. OF
	1,678		095			9.868		093		SQUARE M.H TO CULVERT
	1.583		094			9.775		091		
	1.489		189			9.684		184		
16	4.750	1.583		2.751		29.327	9.776		2.709	
	0.882		168			8.237		185		+2.298
	0.714		166			8.052		184		-17.828
	0.548		334			7.868		369		DIFF T.B.M. #21 TO STA. D-2 - 15.530
17	2.144	0.715		3.085		24.157	8.052		3.078	
	2.298					17.828				

F.B. 2400 P.G. 194

76P526 S & E #379 1-54

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

Name L. A. [illegible]
Job No 0301.02
From T.B.M. #18 To T.B.M. #22
Date 9-17-56
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
				3.085					3.078	B.M. STA. D-2 1956
	0.618		109			10.908		109		
	0.509		108			10.799		107		
	0.401		217			10.692		216		
18	1.528	0.509		3302		32.399	10.800		3.294	
	0.646		083			10.633		085		
	0.563		081			10.548		086		
	0.482		164			10.462		171		
19	1.691	0.564		3.466		31.643	10.548		3.465	
	0.451		086			10.378		086		
	0.365		086			10.292		085		
	0.279		172			10.207		171		
20	1.095	0.365		3.638		30.877	10.292		3.636	
	0.849		088			10.711		087		
	0.761		081			10.624		087		
	0.674		175			10.537		174		
21	2.284	0.761		3.813		31.872	10.624		3.810	
		2.199					42.264			

F.B. 2400 P.G. 19-25

76P526 S & E #379 1-54

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

Name L. A. CO. P. [illegible] LEVEL NET
Job No. 030102
From T.B.M. #12 To T.B.M. #22
Date 9-17-56
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
	3.171	2.199	072	3.813		10.189	42.264	076	3.810	+5.298 ✓
	3.099		071			10.113		074		DIFF. IN ELEV. - 52.378 ✓
	3.028		143			10.039		150		STA. D-2 TO STA. B-2 - 47.080 ✓
22	9.298	3.099		3.956		30.341	10.114		3.960	
		5.298 ✓					52.378 ✓			B.M. STA. B-2 1956
	5.889		056			4.887		057		+5.833 ✓
	5.833		056			4.830		056		- 4.830 ✓
	5.777		112			4.774		113		B-2 TO B.M. 50-12 + 1.003 ✓
23	17.499	5.833		4.068		14.491	4.830		4.073	
										B.M. 50-12
										CRENSHAW BLVD, 0.5 MI. N. OF
										PALOS VERDES DR. S,
										SEE F.B. 2400-18 FOR DESC.
	1.551		185			7.859		177		T.B.M. #22
	1.366		184			7.682		174		CRENSHAW BLVD, W. SIDE, 0.5 MI.
	1.182		369			7.508		351		N'LY FROM PALOS VERDES DR. S,
24	4.099	1.366		4.437		23.049	7.683		4.424	SQ SPK STAMPED "22" IN E. WALL
										OF CHANNEL AT BASE OF LARGE
										CUT BANK 148 FT. N'LY FROM
										CHANGE OF GRADE

F.B. 2400 PG. 196

+1.366
-7.682
-6.317 ✓

76P526 S & E #379 1-54

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

L. A. CO. [illegible] LEVEL NET
Name
Job No. 0301.02
From T.B.M. "22" To T.B.M.
Date 9-18-56
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
	7.159		177			0.838		176		T.B.M. "22"
	6.982		174			0.662		174		CRENSHAW BLVD, W'LY SIDE, 0.5 MI. N'LY
	6808		351			0.488		350		FROM PALOS VERDES DR. S.
1	20.949	6.983		.351		1.988	0.663		.350	
		- 0.663								B.M. 50-12
		= + 6.320								CRENSHAW BLVD, E'LY SIDE, 0.5 MI.
										N'LY FROM PALOS VERDES DR. S.
										SEE F.B. 2400-18 FOR DESC.
	5.054		059			6.055		054		+4.995
	4.995		058			6.001		054		- 6.001
	41.937		1117			5.947		108		DIFF. 50-12 TO STA. B-2 - 1.006
2	14.986	4.995		.468		18.003	6.001		.458	
										B.M. STA. B-2 1956
										F.B. 2400 P.G. 17
	11.034		81 078			4.009		072		
	10.953		080			3.936		073		
	10.873		159 161			3.863		146		
3	32.860	10.953		.627		11.808	3.936		.604	

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 12:00 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. # 22 To T.B.M. # 18
Date 9-18-56
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
	10.268	10.953	089	.624		0.404	3.936	085	.604	
	10.179		086			0 319		083		
	10.093		175			0.236		168		
4	30.540	10.180		.808		0.959	0.320		.772	
	10.431		086			0 501		085		
	10.345		087			0.416		085		
	10.258		173			0231		170		
5	31.034	10.345		.973		1.248	0.416		.942	
	10.832		080			0.859		091		
	10.752		081			0.768		091		
	10.671		161			0.677		182		
6	32.255	10.752		1.134		2.304	0.768		1.124	
	10.963		105			0.675		110		+53.087
	10.858		108			0.565		110		- 6.005
	10.750		213			0.455		220		DIFF IN ELEV. STA. B.2 TO STA. D-2 + 47.082
7	32.571	10.857		1.349		1.695	0.565		1.344	
	53.087					6.005				B.M. STA. D-2

F.B. 2400 P.G. 198

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [illegible] Weather CLEAR Inst. No. C0010
Notes by G.E. DREIER Time 7:00 TO 12:00 Rod No. 11 & 12

Name L. A. CO. P[illegible] LEVEL NET
Job No 030102
From T.B.M. #22 To T.B.M. #18
Date 9-18-56
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
	7.844		176	1349		0526		175	1.344	
	7.668		172			0351		172		
	7.491		353			0.179		347		
8	27003	7.668		1.702		1.056	0.352		1.691	
	9.813		091			1.599		096		+17.390
	9.722		091			1.503		094		- 1.856
	9.631		182			1.409		190		+15.534
9	29.166	9.722		1.884		4.511	1.504		1.881	
	17.390					1.856				
										T.B.M. #21
										CRENSHAW BLVD., NLY SIDE, 0.63 mi. N.
										OF PALOS VERDES DR. S., A. B SPK. IN
										N.W. COR. OF SQUARE M.H. TO
	11.888		084			0.376		081		CULVERT
	11.804		083			0.295		080		
	11.721		167			0.215		161		
10	35.413	11.804		2.051		0.886	0.295		2.042	
	10.557		082			0.918		092		
	10.475		078			0.826		095		
	10.397		160			0.731		187		
11	31.429	10.476		2211		2.475	0.825		2.229	
	22.280					1.120				

F.B. 740 P.G. 1-4

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 12:00 Rod No. #12

Name [illegible]
Job No. 0301.02
From T.B.M. # 22 To T.B.M. 18
Date 9-18-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.949	22.280	058	2.211		0.708	1.120	051	2.229	
	10.891		058			0.657		050		
	10.833		116			0.607		101		
12	32.673	10.891		2.327		1.972	0.657		2.330	
	11.678		119			9.619		151		
	11.559		118			9.468		149		
	11.441		237			9.319		300		
13	34.678	11.559		2.564		28.406	9.469		2.630	
	1.641		099			9.582		069		+46.272
	1.542		099			9.513		067		-20.760
	1.443		198			9.446		136		+25.512
14	4.626	1.542		2.762		28.541	9.514		2.766	
		46.272					20.760			T.B.M. # 20
										CRENSHAW BLVD. N'LY SIDE, 0.75 [illegible]
										N'LY FROM PALOS VERDES DR. S,
										SQ. SPK STAMPED "20" IN TOP OF
										S.E. COR. OF CULVERT HEADWALL
	9.587		069			9.671		090		
	9.518		067			9.581		089		+9.519
	9.451		136			9.492		179		-9.581
15	28.556	9.519		2.898		28.744	9.581		2.945	-0.062

F.B. 2400 P.G. 200

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. 22 To T.B.M. #18
Date 9-18-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				2,898					2.945	T.B.M. #19 CRENSHAW BLVD. ELY SIDE, 0.75 MI. N'LY FROM PALOS VERDES DR. S. SQUARE SPK. STAMPED 19" IN N.W.
	9.675		091			1.653		099		COR OF CULVERT HEADWAL
	9.587		089			1.554		097		
	9.498		180			1.457		196		
16	28.763	9.588		3.078		4.664	1.555		3.141	
	11.947		032			2.968		024		
	11.915		032			2.944		024		
	11.883		064			2.920		048		
17	35.745	11.915		3.142		8.832	2.944		3.189	
	5.051		148			1.802		146		
	4.903		145			1.656		145		
	4.758		293			1.511		291		
18	14.712	4.904		3.435		4.969	1.656		3.480	
	10.946		068			0.964		052		
	10.878		066			0.912		052		
	10.812		134			0.860		104		
19	32.636	10.879		3.569		2.736	0.912		3.584	
		37.286					7.067			

F.B. 2400 P.G. 201

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9.00 TO 12.00 Rod No. 11 812

Name L. A. CO [illegible]
Job No. 030102
From T.B.M. #22 To T.B.M. #18
Date 9-18-56
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
	10.012	9.954	058	3.569		0.619	0.559	060	3.584	
	9.954		057			0.559		060		
	9.897		115			0.499		120		
20	29.863	9.954		3.684		1.677	0.559		3.704	
	10.360		071			0.543		072		
	10.289		071			0.471		073		
	10.218		142			0.398		145		
21	30.867	10.289		3.826		1.412	0.471		3.849	
	10.098		093			0.897		082		
	10.005		091			0.815		081		
	9.914		184			0.734		163		
22	30.017	10.006		4.010		2.446	0.815		4.012	
	9.577		084			0.347		082		+87.324
	9.493		082			0.265		083		-11.073
	9.411		166			0.182		165		DIFF. T.B.M. #19 TO T.B.M. #18 +76.251
23	28.481	9.494		4.176		0.794	0.265		4.177	
	10.419		125			2.022		127		T.B.M. #18
	10.294		123			1.895		124		CRENSHAW BLVD. N'LY SIDE, 0.85 MI. N'LY
	10.171		248			1.771		251		FROM PALOS VERDES DR. S., SQ. SPK
24	30.884	10.295		4.424		5.688	1.896		4.428	IN S.W. COR. OF CULVERT HEADWALL
	87.324					11.073				

F.B. 2404 G.G. 2.02

76P526 S & E #379 1-54

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Chief of Party G. [illegible] A Weather CLEAR Inst. No 50010
Notes by C.E.DREIER Time 1:20 TO 3:50 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From T.B.M. #22 To
Date 9-18-56
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
	1.917		245		#11	1,793		216		T.B.M. #22
	1.672		241			1.577		218		CRENSHAW BLVD, W'LY SIDE, 0.5 M/
	1.431		486			1.359		434		N'LY FROM PALOS VERDES DR.S. ST. SW
1	5.020	1.673		486		4.729	1.576		434	IN E. WALL OF DRAIN 148 FT. M.E. OF ABRUPT CHANGE IN GRADE OF ROAD
	-1.576									B.M. STA. A-1 1956
	+0.097									
	1.072		204			4.962		224		+0.868
	0.868		205			4.738		223		-4.738
	0.663		409			4.515		447		-3.870
2	2.603	0.868		.895		14.215	4.738		.881	
										B.M. STA A-2 1956
	1.918		114			11.768		110		
	1.804		113			11.658		109		
	1.691		227			11.549		219		
3	5.413	1.804		1.122		34.975	11.658		1.100	

F.B. 24 OPG 2.03

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:20 TO Rod No 11 & 12

Name L. A. [illegible]
Job No. 0301.02
From T.B.M. #22 To I.P. AT T.B.M. #5
Date 9-18-56
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
	0.578	1.804	051	1.122		10.114	11.658	056	1.100	
	0.527		051			10.058		055		
	0.476		102			10.003		111		
4	1.581	0.527		1.224		30.175	10.058		1.211	
	1.662		050			6.847		060		
	1.612		053			6.787		059		DIFF. +3.942
	1.559		103			6.728		119		STA. A-2 TO T.B.M. #23 -24.561
5	4.833	1.611		1.327		20.362	6.787		1.330	
		3.942					28.503			
										T.B.M. #23
										CRENSHAW BLVD, N'LY SIDE, 0.35 MI.
										N'LY FROM PALOS VERDES DR. S.
										SQUARE SPK. IN S.E. COR. OF
	0.757		111			10.579		100		CULVERT HEADWALL
	0.646		110			10.479		097		
	0.536		221			10.382		197		
6	1.939	0.646		1.548		31.440	10.480		1.527	
	1.389		097			10.714		100		
	0.292		095			10.614		100		
	0.197		192			10.514		200		
7	0.878	0.293		1.740		31.842	10.614		1.727	
		0.939					2.594			

F.B. 2402 P.G. 204

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010

Notes by G.E.DREIER Time 1:20 TO 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET

Job No. 0301.02

From B.M. #22 To T.P. AT T.B.M. #15

Date 9-18-56

Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.426	0.939	089	1.740		10.195	21.094	089	1.727	
	0.337		087			10.106		088		
	0.250		176			10.018		177		
8	1.013	0.338		1.916		30.319	10.106		1.904	
	0.446		094			10.732		097		
	0.352		094			10.635		098		
	0.258		188			10.537		195		
9	1.056	0.352		2.104		31.904	10.635		2.099	
	1.022		088			11.148		087		
	0.934		085			11.061		086		
	0.849		173			10.975		173		
10	2.805	0.935		2.277		33.184	11.061		2.272	
	0.809		089			10.751		086		
	0.720		089			10.665		086		
	0.631		178			10.579		172		
11	2.160	0.720		2.455		31.995	10.665		2.444	
	0.767		096			11.249		094		
	0.671		093			11.155		093		
	0.578		189			11.062		187		
12	2.016	0.672		2.644		33.466	11.155		2.631	
		3.956					74.716			

F.B. 2400 P.G. 2.05

76P526 S & E #379 1-54

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Chief of Party G.I. Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 1:20 TO 3:50 Rod No. 11 & 12

Name L. A. CO. [illegible] LEVEL NET
Job No. 030102
From T.B.M. #22 To
Date 9-18-56
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
	0.925	3.956	087	2.644		10.501	14.716	086	2.631	
	0.838		086			10.415		085		
	0.752		173			10.330		171		
13	2.515	0.838		2.817		31.246	10.415		2.802	
	0.382		103			10.668		106		
	0.279		101			10.562		103		
	0.178		204			10.459		209		
14	0.839	0.280		3.021		31.689	10.563		3.011	
	0.755		137			9.248		132		+5.692
	0.618		138			9.216		134		-104.909
	0.480		275			9.082		266		-99.217
15	1.853	0.618		3.296		27.646	9.215		3.277	T.B.M. #24
	0.655	5.692	184			8.962	104.959	184		CRENSHAW BLVD, E'LY SIDE, 0.1 N. OF PALOS VERDES DR. S., L.S.T. IN S.W. COR. OF CULVERT HEADWALL
	0.471		184			8.778		182		
	0.287		368			8.596		366		
16	1.413	0.471		3.664		26.336	8.779		3.643	
	2.303		205			7.843		190		T.B.M. #15
	2.098		204			7.653		186		CRENSHAW BLVD & PALOS VERDES DR. S., N.E. COR. L.S. N. IN CENTER OF CULVERT HEADWALL
	1.894		409			7.467		376		
17	6.295	2.098		4.073		22.963	7.654		4.019	
	2,569					-16,433				
						+2.569				
						-13.864				

F.B. 2210 O.G. 2.06

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 56010
Notes by G. E. DREIER Time 1:20 TO 3:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. # 22 To T.P. AT T.B.M. #15
Date 9-18-56
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
	6.538		136			3.863		144		T.B.M. # 15
	6.402		134			3.719		142		
	6.268		270 ✓			3.577		286 ✓		
19	19.208	6.403 ✓		4343		11.159	3.720		4305	T.P. CRENSHAW BLVD. & PALOS VERDES DR. S., 1" x 2" OUTSIDE OF SLIPPING AREA
		3.720								
		+2.683 ✓								

SUMMATION OF RUN

DIFF IN ELEV.	T.B.M. # 22	TO STA. A-1	+0.097
" "	STA. A-1	TO STA. A-2	-3.870 ✓
" "	STA. A-2	TO T.B.M. # 23	-24.561 ✓
" "	T.B.M. # 23	TO T.B.M. # 24	-99.217 ✓
" "	T.B.M. # 24	TO T.B.M. # 15	-13.864 ✓
" "	T.B.M. # 15	TO T.P.	+2.683 ✓

F.B. 2400 P.G. 207

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:00 TO 10:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.P. AT T.B.M.# 15 To T.B.M. # 24
Date 9-19-56
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
	3.808		146		#12	6,489		135		T.P.
	3.662		143			6,354		135		CRENSHAW BLVD. & PALOS VERDES DR. S.
	3,519		289'			6.219		270 ✓		N.E. COR. IV 2" OUTSIDE OF
1	10.989	3.663		.289 ✓	68°	19.062	6,354		.270	SLIPPING AREA +36 ✓
										- 6.354 ✓
										- 2.331 ✓
										T.B.M. # 15
										CRENSHAW BLVD & PALOS VERDES DR.
										S, N.E. COR, L. & N. IN CENTER
	7.859		188		#11	2.318		206		OF CULVERT HEADWALL
	7.671		155			2.112		204		
	7,483		376'			1,908		410 ✓		
2	23.013	7.671		.665 ✓		6.338	2.113		.680 ✓	
	9.187		182			0.888		189		+16.676 ✓
	9,005		182			0,699		185		- 2.313 ✓
	8,823		364'			0.514		374 ✓		+ 13.363 ✓
3	27.015	9.005		1029 ✓		2.101	0.700		1.054 ✓	
		16.676 ✓					2.313 ✓			T.B.M # 24
										CRENSHAW BLVD, E. SIDE; 0.1 mi.
										N. OF PALOS VERDES DR. S., L.S.T.
										STAMPED "24" IN S.W. ly 4 PT.
										OF CULVERT HEADWALL

F.B. 2400 P.G. 209

76P526 S & E #379 1-54

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Chief of Party ..... Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:00 TO 10:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 50010
From T. P. AT T.B.M. #5 To T.B.M. #22
Date 9-19-56
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
	9 431		140	1.029		0.824		131	1.054	
	9.291		139			0.693		131		
	9.152		279			0.562		262		
4	27.874	9.291		1.308		2.079	0.693		1.316	
	10.728		105			0.442		103		
	10.623		104			0.339		100		
	10.519		209			0.239		203		
5	31.870	10.623		1.517		1.020	0.340		1.519	
	10.856		085			1.278		089		
	10.771		087			1.189		087		
	10.684		172			1.102		176		
6	32.311	10.770		1.689		3.569	1.190		1.695	
	11.214		094			0.733		095		
	11.120		092			0.638		093		
	11.028		186			0.541		188		
7	33.362	11.121		1.875		1.916	0.639		1.883	
	10.988		086			1.046		091		
	10.902		086			0.955		089		
	10.816		172			0.866		180		
8	32.706	10.902		2.047		2.867	0.956		2.063	
	52.707					3.818				

F.B. 2400 P.G. 210

76P526 5 & E #379 1-54

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Chief of Party [illegible] Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 8:00 TO 10:30 Rod No 11812

Name L. A. CO. PRIC[illegible] LEVEL NET
Job No 030102
From T.P. AT T.B.M.#15 To T.B.M.#22
Date 9-19-56
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
	11.131	52.707	088	2.047		1,008	3.818	087	2.063	
	11.043		085			0.921		088		
	10.958		173			0.833		175		
9	33.132	11.044		2.220		2.762	0.921		2.238	
	10.995		096			0.709		097		
	10.899		093			0.612		096		
	10.806		189			0.516		193		
10	32.700	10.900		2.409		1.837	0.612		2.431	
	10.755		089			0.991		090		
	10.666		089			0.901		089		
	10.577		178			0.812		179		
11	31.998	10.666		2.587		2.704	0.901		2.610	
	10.875		102			0.544		095		
	10.773		101			0.449		093		
	10.672		203			0.356		188		
12	32.320	10.773		2.790		1.349	0.450		2.798	
	10.765		102			0.947		114		
	10.663		100			0.833		112		
	10.563		202			0.721		226		
13	31.991	10.664		2.992		2.501	0.834		3.034	
		106.754					7.536			

F.B. 2400 P.G. 2.11

+106.754
- 7.536
99.218

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8.00 TO 10.30 Rod No. 11 & 12

Name L.A.C. [illegible]
Job No 0301.02
From T.P. AT T.B.M. #15 To T.B.M. # 23
Date 9-19-56
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
				2.992					3.024	T.B.M. #23
										CRENSHAW BLVD., N'LY SIDE, 0.35 MI. N. OF PALOS VERDES DR. S.
										S.& SPK STAMPED "23" IN S.E. COR OF CULVERT
	6.682		060			1.492		051		
	6.622		059			1.441		049		
	6.563		119			1.392		100		
14	19.867	6.622		3.111		4.325	1.442		3.124	
	10.202		056			0.669		052		
	10.146		057			0.617		050		
	10.089		113			0.567		102		
15	30.437	10.146		3.224		1.853	0.618		3.226	
	11.747		114			1.885		112		+ 28.401 ✓
	11.633		113			1.773		110		- 3.834 ✓
	11.520		227			1.663		222		DIFF T.B.M. #23 TO A-2 + 24.567 ✓
16	34.900	11.633		3.451		5.321	1.774		3.448	
		28.401					3.834			B.M. STA. A-2

F.B. 2402 P.G. 2, 12

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G.E. DREIER Time 8:00 TO 10:30 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.P. AT T.B.M.#15 To T.B.M. #22
Date 9-19-56
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
	4.932		225	3.451		1.051		204	3.448	+4.708
	4.707		222			0.847		205		-0.847
	4.485		447			0.642		409		DIFF A-2 TO A-1 +3.861
17	14.124	4.708		3.898		2.540	0.847		3.858	
										B.M. STA. A-1
	1.269		212			1.385		250		+1.056
	1.057		214			1.135		248		-1.136
	0.843		426			0.887		498		DIFF A-1 TO T.B.M.#22 -0.080
18	3.169	1.056		4.324		3.407	1.136		4.356	T.B.M. #22
										CRENSHAW BLVD. W'LY SIDE, 0.5 m. N. OF PALOS VERDES DR. S., SQ. SPK. IN E. WALL OF DRAIN AT BASE OF CUT BANK, 148 F W'LY OF ABRUPT CHANGE OF GRADE OF DRAIN
										STAMPED "22"

F.B. 2400 P.G. 2-13

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From T.P. AT T.B.M. 15 To B.M. 34-15
Date 9-19-56
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
	6718		173			4.064		176		T.P. NEAR T.B.M. #15 ON SOLID GROUND TO E. OF CRACK
	6.545		172			3,888		175		
	6.373		345			3.713		351		
1	19.636	6.545		.345		11.665	3.888		351	
	-3.888									
	+2.657									
										B.M. 50-13 PALOS VERDES DR. S. & CRENSHAW BLVD SEE F.B. 2400-22 FOR DESC.
	5.619		200			3.667		199		
	5.419		200			3.468		197		
	5.219		400			3.271		396		
2	16.257	5.419		.745		10.406	3.469		.747	
	6.522		193			4.504		193		
	6.329		191			4.311		192		
	6.138		384			4.119		385		
3	18.989	6.330		1.129		12.934	4.311		1.132	F.B. 2400 P.G. 215
	7.063		185			3.387		185		
	6.878		186			3.202		184		
	6.692		371			3.018		369		
4	20.633	6.878		1.500		9.607	3.202		1.501	
		18.627					10.982			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 1:00 T. O. 2:00 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.P. To B.M. 34-15
Date 9-19-56
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
	7.607	18.627	185	1500		3272	10.982	190	1.501	
	7.422		183			3.082		187		
	7.239		368			2.895		377		
5	22.268	7.423		1.868		9249	3.083		1.888	
	7.341		182			4.138		187		
	7.159		182			3.951		184		
	6.977		364			3.767		371		
6	21.477	7.159		2.232		11.856	3.952		2.239	
	6.636		187			4.578		181		
	6.449		187			4.397		184		
	6.262		374			4.213		365		
7	19.347	6.449		2.606		13.188	4.396		2.624	
	6.607		187			4.335		185		
	6.420		188			4.150		181		
	6.232		375			3.969		366		
8	19.259	6.420		2.981		12.454	4.151		2.980	
	5.923		189			4.634		183		
	5.734		186			4.451		182		
	5.548		375			4.269		365		
9	17.205	5.735		3.356		13.354	4.451		3.355	
	51.813					31.015				

F.B. 2400 pg 216

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0201.02
From T.P. To B.M. 34-15
Date 9-19-56
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
	6.028	51.813	143	3.356		5.481	31.015	159	3.355	+ 57.699 ✓
	5.885		141			5.322		155	4	− 36.338 ✓✓
	5.744		1284 ✓			5.167		314 ✓		+ 21.361
10	17.657	5.886 ✓		3.680 4		15.970	5.323		3.689 5	B.M. 34-15 PALOS VERDES DR. S. & YACHT HARBOR DR., SEE F.B. 1355-19 FOR DESC.
	57.699					36.338				
										SUMMATION OF RUN
										DIFF IN ELEV. T.B.M. #15 TO T.P. + 2.683
										DIFF IN ELEV. T.P. TO B.M. 50-13 + 2.657 ✓
										" " " T.B.M. #15 TO " 50-13 + 5.340
										" " " B.M. 50-13 TO B.M. 34-15 + 21.361 ✓
										NOTE - B.M.'S. 34-16 AND 34-14 AND 34-17
										DESTROYED BY ROAD CONSTRUCTION

F.B. 2400 P.G. 2-17

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS Inst. No. 50010
Notes by T. OHASHI Time 8:00 TO P:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-15 To T.P. AT T.B.M.
Date 9-20-56
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
1	5517 5359 5202 16078	5.359	158 157 315	.315		6059 5918 5777 17754	5.918	141 141 282	.282	B.M. 34-15 PALOS VERDES DR. S. & YACHT HARBOR DR. SEE F.B. 1355-19 FOR DESC.
2	4520 4344 4167 13031	4.344	176 177 353	.668		5818 5627 5436 16881	5.627	191 191 382	.664	
3	4383 4200 4017 12600	4.200	183 183 366	.1034		6658 6469 6281 19408	6.469	189 188 377	.1041	
4	4607 4424 4242 13273	4.424	183 182 365	.1399		6672 6484 6298 19454	6.485	188 186 374	.1415	F.B. 2400 P.G. 2-19
5	5154 4971 4787 14912	4.971	183 184 367	.1766		8354 8171 7987 24512	8.171	183 184 367	.1782	
	23.298					32.670				

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS Inst. No. 50010
Notes by T. OHASHI Time 8:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-15 To TP AT TBM #15
Date 9-20-56
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
	3278	23.298	187	1.766		7618	32.670	186	1.782	
	3091		188			7432		183		
	2903		375			7249		369		
6	9272	3.091		2.141		22299	7.433		2.151	
	3478		185			7152		187		
	3293		182			6965		187		
	3111		367			6778		374		
7	9882	3.294		2.508		20895	6.965		2.525	
	4458		192			6476		194		
	4266		193			6282		193		
	4073		385			6089		387		
8	12797	4.266		2.893		18847	6.282		2.912	
	3659		202			5600		197		+37.406
	3457		202			5403		194		-58.754
	3255		404			5209		391		-21.348
9	10371	3.457		3.297		16212	5.404		3.303	
		37.406					58.354			

B.M. 50-13
PALOS VERDES DR. S. & CRENSHAW BLVD.
SEE F.B. 2400-22 FOR DESC.

F.B. 2400 P.G. 2-20

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SCATTERED CLOUDS Inst. No. 50010
Notes by T. OHASHI Time 8:00 TO 9:00 Rod No. 11 & 12

Name L. A. CO. PRICE LEVEL NET
Job No. 03.01.02
From BM 34-15 To TP AT TBM #15
Date 9-20-56
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
	4147		173	3.297		6810		176	3303	+3.297
	3974		172			6634		174		-6.635
	3802		345			6460		350		-2.661
10	11.923	3974		3642		19904	6.635		3653	T.P. NEAR T.B.M. #15 ON SOLID GROUND TO E. OF CRACK
	3959		144			6599		135		9-20-56 +3.765
	3765		144			6464		134		-6.464
	3621		281			6330		269		-2.699
1	11.295	3.765		288		19393	6.464		269	
										T.B.M. #15
	6430		132			3737		146		9-21-56 +6.218
	6298		122			3591		144		-3.592
	6166					3447		290		+2.916
1	12.893	6.298		225		10.775	3.592			T.P. SEE TOP OF PAGE

F.B. 2400 P.G. 22

76P526 S & E #379 1-54

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

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

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3839		141			6555		136		T.P. TO T.B.M. #15 9-24-56
	3.698		142			6.419		135		
	3556		283			6284		271		A.M.
1	11.093	5.698				19.258	6.419			
	6.788		139			4.059 3.698		140		T.B.M. #15 TO T.P. 9-25-56
	6.649		136			3.919 2.772		138		A.M.
	6.513		275			3781		278		
1	19.950	6.650				11.759	3.920			
	6.542	3.920 2.730				3.791				6.542 3.791 +2.751
										T.P. 9-28-56
1										A.M.
	3923		136			6697		138		+3.787
	3787		137			6559		138		-6.559
	3650		273			6921		276		-2.772 10-1-56
1	11.360	3.787				19.677	6.559			A.M.
	6745		139			3970		137		T.B.M. #15
	6.606		136			3833		136		-6.606
	6470		275			3697		273		-3.833 10-2-56
1	19.821	6.607				11.500	3.833			+3.774 2:40 P.M.
										T.P.

F.B. 2409 G. 222

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by T. OHASHI Time 9:20 To 10:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0801.22
From To
Date 9-20-56
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
	1539		183			7835		177		B.M. 50-12
	1356		183			7658		178		
1	1173		366 ✓			7480 ✓		355 ✓		
	4.068	1.356				22973	7.658			
							+1.356			T.B.M. = 22
							-6.302 ✓			
	2290		227			2203		224		
	2063		225			1979		224		
2	1838 ✓		452 ✓			1755 ✓		448 ✓		
	6.191	2.064				5937	1.979			
		-1.979 ✓								B.M. STA. A-1
		+0.085								
	1022		209			4891		212		F.B. 2402 P.G. 22-25
	0813		213			4679		211		
3	0601 ✓		1427 ✓			4468 ✓		423 ✓		
	2.423	0.814				14038	4.679			
							+0.814			
							-3.865 ✓			

76P526 S & E #379 1-54

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Chief of Party G. E. Weather HAZE Inst. No. 50010
Notes by Time 9:40 TO 10 Rod No. 11E 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From To
Date 9-22-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										B.M. STA. A-2
	3354		185			2219		183		
	3169		187			2036		185		
	2982		1372 ✓			1851		368 ✓		
4	9.505	3.168				6.106 ✓	2.035 ✓			
	9736		216			0783		220		
	9520		217			0563		219		
	9303		433 ✓			0344		439 ✓		
5	28559 ✓	9.520				1.690 ✓	.563 ✓			
		+12.688 ✓					2.598 ✓			B.M. 50-12
		-2.598 ✓								
		+10.090								
F.B. 2402 PG. 226										-6.302 +0.085
										-3.845 +10.090 ✓
										-10.167 +12.175

76P526 S & E #379 1-54

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Chief of Party G. E. DREYER Weather LIGHT HAZE Inst. No 50010
Notes by R. DOVER Time 10:10 TO 10:45 Rod No 11

Name I. A. [illegible] NET
Job No 0301.02
From To
Date 9-21-56
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
	1456		181			7324		171		B.M. 50-12
	1268		186			7563		172		
	1082		374			7291		343		
1	3.806	1.269				2.688	7.563			T.B.M. #22
	2317		228			2.240	1.269	227		
	2089		228			2.013	6.294	227		
	1861		256			1790		450		
2	6.267	2.089				6.043	2.014			B.M. STA. A-1
	0.971	2.014	212			4435		213		
	0.759	0.255	212			4622		212		
	0547		424			4410		425		
3	2.277	0.759				3.867	4.622			B.M. STA. A-2
	2453		190			2.310	0.759	182		
	2263		189			2.128	3.563	180		
	2074		379			1948		362		
4	9.790	3.262				6.386	2.129			T.P.
	9.911		212			0.975		227		
	9.699		211			0748		229		
	9.488		423			0.519		456		
5	29.098	9.699				2.242	0.747			B.M. 50-12
	29.62						2.876			
	-2.876									
	+10.086									

(-6.294 +0.075
-3.863 +0.086
-2.157 +0.161

F.B. 24 P.G. 227

76P526 S & E #379 1-54

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Chief of Party G. E. DRIFER Weather CLEAR Inst. No. 50010
Notes by T. OHASHI Time 12:00 TO 1:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM. 34-15 To B.M. 34-13
Date 9-20-56
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
1	9271 9078 8886 27235	9.078	193 192 385 385			1863 1666 1470 4.999	1.666	197 196 393 393		B.M. 34-15 PALOS VERDES DR. S. & YACHT HARBOR DR., SEE FB 1355-19 Feet
2	8798 8606 8413 25817	8.606	192 193 385 770			1951 1758 1566 5.275	1.758	193 192 385 778		AT G. E. DRIFER
3	9492 9309 9129 27927	9.309	189 189 378 1148			1298 1103 0908 3.309	1.103	195 195 390 1168		
4	11343 11.154 11.015 33.612	11.204	189 189 378 1526			1471 1286 1102 3.859	1.286	185 184 369 1537		F.B. 2400 P.G. 22
5	11.532 11.340 11.151 34.023	11.341	192 189 381 1907			1200 1.015 0829 3044	1.015	185 186 371 1908		
		49.538					6.828			

76P526 S & E #379 1-54

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Chief of Party C. [illegible] Weather HAZE Inst. No. 50010
Notes by T. OHASHI Time 12:00 TO 1:05 Rod No. 11 & 12

Name [illegible]
Job No. 0301.02
From B.M. 34-15 To B.M. 34-13
Date 9-20-56
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
	11.700	49.538	187	1.907		17036.828		183	1.908	
	11.519		184			1520		183		
	11.335		371			1337		366		
6	34.560	11.520		2.278		4.560	1.520		2.274	
	11178		186			1114		186		
	10992		188			0928		185		
	10804		374			0743		371		
7	32.974	10.991		2.652		2.785	0.928		2.645	
	10574		175			0538		179		
	10399		173			0359		175		
	10226		348			5184		354		
8	31.199	10.400		3.050		1.081	0.360		2.999	
	11098		198			1919		196		
	10900		197			1723		196		
	10703		395			1527		392		
9	32.701	10.900		3.395		5.169	1.723		3.391	
	8.462		144			2031		143		
	8.318		147			1888		143		
	8.171		291			1745		286		
10	24.951	8.317		3.686		5.664	1.888		3.677	
	101.666					13.247				

F.B. 2400 P.G. 230

76P526 S & E #379 1-54

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Chief of Party G. E. DREES Weather HAZE Inst. No. 50010
Notes by T. OHASHI Time 12:00 To 1:05 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 34-15 To BM 34-13
Date 9-20-56
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
	6970	11.666	119	3.686		0951	13.247	114	3.677	
	6851		119			0837		116		
	6732		✓ 238			0721		✓ 230		
11	20.553	6.851		3924		2509	0.836		3907	
	9658		116			1112		118		
	9542		116			0994		117		B.M. 34-13 (U.S. 4131 V-787 1946)
	9426		✓ 232			0877		✓ 235		PALOS VERDES DR. S, 2.5 mi. W. of
12	28.621	9.542		4156		2.983	0.994		4142	PALOS VERDES T & E.
										SEE F.B. 1355-18 FOR DESC.
										Summation of Run
										B.M. 34-15 to B.M. 34-13
										TOTAL BACKSIGHTS +118.059 ✓
										TOTAL FORESIGHTS - 15.077 ✓
										DIFF IN ELEVATION + 102.982 ✓
	118.059 ✓					15.077 ✓				F.B. 2400 P.G. 231

76P526 S & E #379 1-54

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

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E. Weather HAZE Inst. No. 20010
Notes by T. OHASHI Time 105 TO 2:00 Rod No 11 & 12

Name L.A. CO. PRECISION LEVEL NET
Job No 0.301.02
From B.M. 34-13 To B.M. 34-15
Date 9-20-56
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
	1146		118			9690		117		B.M. 34-13 U.S. 4131 V-787 1936
	1028		117			9573		116		PALOS VERDES DR. S., 0.5 mi. W.
	0911		235			9457		233		OF PALOS VERDES DR. E.
1	3.085	1.028		.235		28.720	9.573		.233	SEE P.B. 105-18
	0857		118			6869		117		
	0739		116			6752		117		
	0623		234			6635		234		T G.E. DREIER
2	2.219	0.740		.469		20.256	6.752		.467	
	2007		148			8433		144		
	1859		145			8289		146		
	1714		293			8143		290		
3	5.580	1.860		.762		24865	8.288		.757	
	1903		196			11083		195		
	1707		195			10888		197		
	1512		391			10691		392		
4	5.122	1.707		1.153		32662	10.887		1.149	
	1727		176			11761		174		
	1551		178			11587		173		
	1373		354			11414		347		
5	4.651	1.550		1.507		34.762	11.587		1.496	
	6.885					47.087				

F.B. 2400 P.G. 232

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. 500,10
Notes by T. OHASHI Time 1:05 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-13 To BM 34-15
Date 9-20-56
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
	0949	6.885	187	1.507		11.011	47.087	188	1.496	
	0762		188			10823		185		
	0574		375			10638		373		
6	2.285	0.763		1.882		32472	10.824		1.869	
	1365		183			11363		185		
	1182		184			11178		185		
	0998		367			10993		370		
7	3.545	1.182		2.249		33534	11.178		2.239	
	0746		190			11071		189		
	0556		188			10882		189		
	0368		378			10693		378		
8	1.670	0.557		2.627		32646	10.882		2.617	
	1420		183			11348		191		
	1237		185			11.157		190		
	1052		368			10967		381		
9	3.709	1.236		2.995		33472	11.157		2.998	
	1278		195			9477		190		
	1083		193			9287		187		
	0888		390			9098		377		
10	3249	1.083		3.385		27862	9.287		3.377	
	11.706					100.415				

F.B. 2400 P.G. 233

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by T. OHASHI Time 1:05 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM. 34-13 To BM. 34-15
Date 9-20-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2037	11.706	194	3385		8889	100.415	196	3377	
	1843		192			8693		194		
	1651		386			8499		390		
11	5531	1.844		3,771		26081	8.694		3767	
	1920		196			9332		195		BM. 34-15
	1724		195			9137		196		PALOS VERDES DR. S. & YACHT HARBOR
	1529		391			8941		391		DR., SEE F.B. 1355-19 FOR DESC.
12	5,173	1.724		4,162		27.410	9.137		4.158	
										SUMMATION OF RUN
										BM. 34-13 TO BM. 34-15
										TOTAL BACKSIGHT + 15.274
										TOTAL FORESIGHT - 118.246
										DIFF. IN ELEVATION - 102.972
		15.274					118.246			

F.B. 2400 P.G. 234

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-13 To B.M. 34-17A
Date 9-24-56
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
	4.161		170		#11	6.831		174		B.M. 50-13
	3.991		172			6.657		178		PALOS VERDES DR. S. & CRENSHAW BLVD.
	3.819		342			6.479		352		SEE F.B. 2400-22 FOR DESC.
1	11.971	3.990		342		19.967	6.656		352	
	3.242		183			7.581		176		
	3.059		182			7.405		178		
	2.877		365			7.227		354		
2	9.178	3.059		707		22.213	7.404		706	
	3.879		184			7.922		181		
	3.695		184			7.741		179		
	3.511		368			7.562		360		
3	11.085	3.695		1085		23.225	7.742		1066	
	3.833		191			6.727		191		
	3.642		187			6.536		188		
	3.455		378			6.348		379		
4	10.930	3.643		1483		19.611	6.537		1445	
	3.731		190			7.339		197		
	3.541		187			7.142		194		
	3.354		377			6.948		391		
5	10.626	3.542		1860		21.429	7.143		1836	
	17.929					35.482				

F.B. 2400 PG. 23-25

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. [illegible] LEVEL NO. 1
Job No. 0301.02
From BM. 50-13 To B.M. 34-17A
Date 9-24-56
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
	4.245	17.929	180	1.840		4.928	35.482	181	1.836	
	4.065		182			4.747		180		
	3.883		362			4.567		361		
6	12.193	4.064	2192	2.202		14.242	4.747		2.197	
	5.178		192			2.998		190		
	4.986		194			2.808		189		
	4.792		386			2.619		379		
7	14.956	4.985		2.588		8.425	2.808		2.576	
	6.251		177			2.415		184		
	6.074		177			2.231		182		
	5.897		354			2.049		366		
8	18.222	6.074		2.942		6.695	2.232		2.942	
	6.283		185			3.027		184		
	6.098		186			2.843		181		
	5.912		371			2.662		365		
9	18.293	6.098		3.303		8.532	2.844		3.307	
	5.312		179			3.679		180		
	5.133		179			3.499		180		
	4.954		358			3.319		360		
10	15.399	5.133		3.661		10.497	3.499		3.667	
		44.283					51.612			

F.B. 2404 G. 23 L.

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 50-13 To B.M. 34-17A
Date 9-24-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.894	44.283	183	3.671		4.965	51.612	184	3.667	
	3.711		180			4.781		182		
	3.531		363			4.599		366		
11	11.136	3.712		4.034		14.345	4.782		4.033	
	3.602		174			3.911		178		
	3.428		171			3.733		174		+57.794
	3.257		345			3.559		352		-71.482
12	10.287	3.429		4.379		14.203	3.734		4.385	-13.688
	3.242		191			5.659		195		
	3.051		190			5.464		191		
	2.861		381			5.273		386		
13	9.154	3.051		4.780		16.396	5.465		4.771	
	3.502		183			5.077		189		
	3.319		182			4.888		187		
	3.137		365			4.701		376		B.M. 34-17A
14	9.958	3.319		5.185		14.666	4.889		5.147	PALOS VERDES DR. S. &
										PEPPERTREE LANE
										SEE F.B. 1355-44 FOR DESC.
		57.794					71.482			

F.B. 24.00 P.G. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:30 Rod No. 11.812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-17A To B.M. 50-13
Date 9-24-56
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
	5.115		188			3.542		184		B.M. 34-17A
	4.927		188			3.358		183		PALOS VERDES DR. S. & PEPPERTREE
	4.739		376			3.175		367		LANE
1	14.781	4.927		.376		10.075	3.358		.367	SEE F.B. 1355-44 for DES
	5.633		194			3.213		192		
	5.439		190			3.021		188		
	5.249		384			2.833		380		
2	16.321	5.440		.760		9.067	3.022		.747	T. J. MOODY
	4.888		175			3.582		173		
	4.713		175			3.409		171		
	4.538		350			3.238		344		
3	14.139	4.713		1.110		10.229	3.410		1.091	
	5.118		180			4.055		184		
	4.938		183			3.871		180		
	4.755		363			3.691		364		
4	14.811	4.937		1.473		11.617	3.872		1.455	
F.B. 2400 P.G. 238	3.728		180			5.361		179		
X	3.548		181			5.182		179		
	3.367		361			5.003		358		
5	10.643	3.548		1.834		15.546	5.182		1.813	
			23.565					18.844		

76P526 S & E #379 1-54

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 84-17A To B.M. 50-13
Date 9-24-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.066	23.565	184	1.834		6.324	18.844	185	1.813	
	2.882		183			6.139		183		
	2.699		367			5.956		368		
6	8.647	2.882		2.201		18.419	6.140		2.181	
	2.342		183			6.182		178		
	2.159		180			6.004		176		
	1.979		363			5.828		354		
7	6.480	2.160		2.564		18.014	6.005		2.535	
	3.088		190			5.271		195		
	2.898		187			5.076		194		
	2.711		377			4.882		389		
8	8.697	2.899		2.941		15.229	5.076		2.924	
	4.968		185			4.283		181		
	4.783		181			4.102		180		
	4.602		366			3.922		[illegible]		
9	14.353	4.784		3.307		12.307	4.102		3.285	
	7.391		197			3.793		19[illegible]		
	7.194		197			3.602		18[illegible]		
	6.997		394			3.415		378		
10	21.582	7.194		3.701		10.810	3.603		3.663	
		43.484					43.770			

F.B. 2400 P.G. 239

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-17A To B.M. 50-12
Date 9-24-56
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
	6.679	43.484	188	3.701		3.791	43.770	192	3.663	
	6.491		189			3.599		188		
	6.302		377			3.411		380		
11	19.472	6.491		4.078		10.801	3.600		4.043	
	7.831		172			3.805		194		+71.625
	7.659		168			3.611		194		-57.975
	7.491		340			3.417		388		+13.650
12	22.981	7.660		4.418		10.833	3.611		4.431	
	7.571		180			3.234		183		
	7.391		180			3.051		180		
	7.211		360			2.871		363		
13	22.173	7.391		4.778		9.156	3.052		4.794	
	6.779		180			4.111		169		
	6.599		180			3.942		169		B.M. 50-13 BLVD.
	6.419		360			3.773		338		PALOS VERDES DR. S. & CRENSHAW
14	19.797	6.599		5.138		11.826	3.942		5.132	SEE F.B. 2400-22 FOR DESC.

F.B. 2400 P.G. 240

71.625 57.975

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR-SUN Inst. No. 50010
Notes by J.A. MOODY Time 9:50 to 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0381-02
From B.M. 34-17A To B.M. 5-10
Date 9-25-56
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
	5087		189		#11	3512		183		B.M. 34-17A
	4898		188			3329		181		PALOS VERDES DR. S. & HIGHLAND AVE
	4710		377			3148		364		SEE F.B. 1355'-44
1	14.695	4.898		.377	70°	9.989	3.330		.364	
	5672		194			3257		192		
	5478		191			3065		188		
	5287		385			2877		380		↗ G.E. DREIER
2	16437	5479		.762		9.199	3.066		.744	
	4909		172			3606		174		
	4737		172			3432		174		
	4565		344			3258		348		
3	14.211	4737		1.106		10.296	3.432		1.092	
	5190		178			4127		187		
	5012		178			3940		185		
	4834		356			3755		372		
4	15.036	5012		1.462		11.822	3.941		1.464	F.B. 2400 P.G. 241
	5351		180			3719		180		BACKSIGHTS & FORESIGHTS INTERCHANGED G.E.D. OK-✓
	5171	~~5.171~~	181			3539	~~3.539~~	180		
	4990	~~3.539~~	361			3359	~~5.171~~	360		
5	15.512	~~5.171~~		1.823		10.617	~~3.539~~		1.824	
	~~23665~~					~~18.940~~				

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR - SUN Inst. No. 50010
Notes by J. A. MOODY Time 9:50 to 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 34-17A To BM 50-13
Date 9-25-56
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
	3005	23.665	183	1823		6260	18.940	183	1824	
	2822		181			6077		185		
	2641		364			5892		368		
6	8468	2.823		2187		18229	6.076		2192	
	2356		183			6197		181		
	2173		181			6016		178		
	1992		364			5838		359		
7	6521	2.174		2551		18051	6.017		2551	
	3112		186			5294		195		
	2926		187			5099		193		
	2739		373			4906		388		
8	8777	2.926		2924		15299	5.100		2939	
	4978		181			4297		184		
	4797		180			4113		180		
	4617		361			3933		365		
9	14392	4.797		3285		12343	4.114		3304	
F.B. 2400 p.c. 242	7259		191			3659		191		
	7068		189			3468		190		
	6879		380			3278		381		
10	21206	7.069		3665		10405	3.468		3685	
	43454					43715				

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. F. [illegible] Weather CLEAR-SUN Inst. No. 500 N

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

Name L. A. CO. PRECISE LEVEL NET

Job No. 0301.02

From BM 34-17A To BM 50-13

Date 9-25-56

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
	6708	43.454	196	3665		3796	43.725	184	3685	
	6512		193			3612		183		
	6319		389			2429		367		
11	19539	6.513		4054		10837	3.612		4052	
	7421		192			3360		173		
	7229		191			3187		174		
	7038		383			3013		347		+ 71.040
12	21688	7.229		4437		9560	3.187		4399	- 57.744
	7906		193			3533		170		+ 13.696
	7713		190			3363		170		
	7523		383			3193		340		
13	23142	7.714		4820		10089	3.363		4739	
	6690		160			4055		187		BM 50-13
	6530		161			3868		189		PALOS VERDES DR. SO & CRENSHAW
	6369		321			3679		376		SEE F.B. 2400-22 FOR DESC.
14	19589	6.530		5141		11602	3.867		5115	

F.B. 2400 P.G. 2443

71.440 57.744

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by G.E. DREIER Time 7:50 TO 8:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 34-17A To B.M. 34-18
Date 9-25-56
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
	2700		058		#11	2681		063		BM 34-17A
	2.642		058			2.618		062		PALOS VERDES DR S. & PEPPER
	2.584		116			2.556		125		TREE LANE
1	7.926	2.642		.116	70°	7.855	2.618		.125	SEE F.B. 1355-44 FOR DESC.
		-2.618								
		+0.024								B.M. U.S. Y-787 1946 OR 8
										PALOS VERDES DR. S. & PEPPERTREE LANE
										(THIS B.M. WILL BE DESTROYED
	4.127		185			3808		186		BY ROAD CONSTUCTION)
	3.942		183			3.622		184		
	3.759		358			3.438		370		
2	11.828	3.943		.484		10.868	3.623		.495	
	4.852		180			3.813		181		
	4.672		177			3.632		179		
	4.495		357			3.453		360		
3	14.019	4.673		.841		10.898	3.633		.855	
	3.788		180			5.743		184		
	3.608		180			5.559		182		
	3.428		360			5.377		366		
4	10.824	3.608		1.201		16.679	5.560		1.221	
		12.224					12.816			

F.B. 2400 P.G. 245

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 7:50 TO 8:30 Rod No. 11 & 12

Name L. A. CO. FLOOD LEVEL NET
Job No. 0301.02
From B.M. 34-17A To B.M. 34-18
Date 9-25-56
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
	1.709	12.224	174	1.201		7.521	12.816	174	1.221	
	1.535		176			7.347		176		
	1.359		350			7.171		350		
5	4.603	1.534		1.551		22.039	7.346		1.571	
	0.558		156			8.942		153		
	0.402		153			8.789		151		
	0.249		309			8.638		304		
6	1.209	0.403		1.860		26.369	8.790		1.875	
	0.599		135			8.185		134		+ 18.051
	0.464		136			8.351		133		- 4.393
	0.328		271			8.218		267		- 23.543
7	1.391	0.464		2.131		25.054	8.351		2.142	
	3.472		046			6.339		049		
	3.426		045			6.290		049		BM 34-18
	3.381		091			6.241		098		PALOS VERDES DR. S. & NARCISSUS
8	10.279	3.426		2.222		18.870	6.290		2.240	SEE FB. 1355-22 FOR DESC.
		18.051					43.593			

F.B. 2440 P.G. 24

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 8:35 TO 9:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 34-18 To B.M. 34-17A
Date 9-25-56
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
	6267		051		#11	3.348		045		B.M. 34-18
	6,216		049			3.303		045		PALOS VERDES DR. S. & NARCISSUS
	6,167		100			3.308		090		SEE F.B. 1355-22 FOR DESC.
1	18.650	6.217		.100		10.259	3.353		.090	
	8.502		134			0.619		137		T J. MOODY
	8.368		134			0.482		135		
	8.234		268			0.347		272		
2	25.104	8.368		.368		1.448	0.483		.362	
	10.024		153			1.639		156		
	9.871		152			1.483		154		
	9.719		305			1.329		310		
3	29.614	9.871		.673		4.451	1.484		.672	
	9.023		175			3.212		175		
	8.848		176			3.037		176		
	8.672		351			2.861		351		
4	26.543	8.848		1.024		9.110	3.037		1.023	
	7.107		185			5.148		180		
	6.922		184			4.968		177		
	6.738		369			4.791		357		
5	20.767	6.922		1.393		14.907	4.969		1.380	
	40226					13.326				

F.B. 2400, P.G. 247

[illegible] ON THIS [illegible] OF [illegible] IN [illegible] OF

Name [illegible] NET
Job No. [illegible]
From [illegible] 34-17A
Date 9-25-56
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	[illegible] Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.207	40.226	180	1.393		6.251	13.326	182	1.380	
	5.027		179			6.069		178		
	4.848		359			5.891		360		
6	15.082	5.027		1.752		18.211	6.070		1.740	
	5.032		187			5.351		187		+50.098
	4.845		186			5.164		185		24.561
	4.659		373			4.979		372		+25.537
7	14.536	4.845		2.125		15.494	5.165		2.112	
		50.098					24.561			B.M. U.S. Y-787, 1946 (ORB) LINE
										PALOS VERDES DR. S. & PEPPERTREE
										+2.650
	2.713		063			2.732		059		-2.673
	2.650		062			2.673		058		-0.023
	2.588		125			2.615		117		B.M. 34-17A
8	7.951	2.650		2.250		8.020	2.673		2.229	PALOS VERDES DR. S. & PEPPERTREE LANE
										SEE F.B. 1355-44 FOR DESC

F.B. 2400 P.G. 248