Notes Ck'd by	Survey of	F. B. Pg.
Map No.	JN Tape Std °F	
Work	Surveyed by	
ed	Notes Date	
	Indexed	

Microfilmed June '85

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F. B. _____ Pg. _____

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date Sept 1960
Date	Indexed H. E. [illegible]

F.B. 2828 Pg. 5

J.N. 0301.02
L.A. CO. PRECISE LEVEL NET
LINE No. 8

B.M. Descriptions F.B. 1209 pg 5 to pg 47
pg 265 to pg 272
F.B. 2828 pg 11 to pg

Differences of Elev. F.B. 2828 pg 25 to pg 280

Stadia factor of Zeiss #15066 = 334

F.E. Brooks
J.J. Bozen
R.F. Siemann
R. Turrill
A.R. Workman
R.D. Smith
C.G. Valdez
G.P. Alwin
A.R. Barilotti
R.R. Rodriguez
G.R. Esquer

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76F3095 CE #247—3-57

F. B. 2028 PG. 6

Route of Level Line #8

Start at B.M.1-1 Valley View Ave and S.P.R.R. in Mirada Hills

direction	Street Traveled	To	miles	B.M.
South	Valley View Ave	Artesia Blvd.	.57	8-1
West	Artesia Blvd.	N. Fork Coyote Creek	.20	8-2A
"	" "	Marquardt Rd.	.29	8-2
"	" "	Carmenita Rd.	.43	8-3
South	Carmenita Rd.	183rd St.	.45	8-4
"	" "	South St.	.45	8-5
~~West~~	~~South St.~~	" "	.02	8-5A
West	South St.	house # 13014	.47	8-6
"	" "	Bloomfield Ave	.43	8-7
		" "	.02	8-8
		" "	.01	8-9
South	Bloomfield Ave	195th St.	.31	8-10
		" "	.01	8-11
"	" "	Del Amo Blvd.	.46	8-13
		" " "	.02	8-14
"	" "	Centralia Rd.	.45	8-15
"	" "	Carson St.	.43	8-17A
		" "	.03	8-18A
		" "	.02	8-19A
West	Carson St	Norwalk Blvd.	.48	8-21
South	Norwalk Blvd	224th St.	.39	8-22
"	" "	Fullerton Rd	.49	8-23
"	" "	Coyote Creek	.15	8-24A
"	" "	" "	.06	8-24B
"	Coyote Creek	Spring St	.31	8-25A
West	Spring St.	across Coyote Creek	.06	8-26A
"	" "	Pioneer Blvd	.28	8-27
"	" "	" "	.02	8-28
"	" "	San Gabriel River	.45	8-29A
		" " "	.04	8-30A
		" " "	.05	8-30
		" " "	.10	8-31A

Cont to pg 7

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

Survey of L.A. Co. Precise Level Net F. B. 2828 PG. 7
IN 0341-42 Tape Std. of
Surveyed by F.E. Brooks
Notes F.E.B. Date Sept 1940 Cont from pg 6
Indexed H. E. Ott

Direction	Street Traveled	To	Miles	BM
West	Spring St.	L.B. City well # 1	.31	B-32
"	" "	Studebaker Rd.	.14	B-33
"	" "	Palos Verdes Ave	.43	B-34
"	" "	Lemina Ave	.62	B-35
"	" "	Bellflower Blvd.	.29	B-36
"	" "	Clark Ave	.45	B-37
"	" "	Lakewood Blvd	.29	B-38A
		" "	.03	B-39A
"	" "	Redondo Ave	.68	B-40A
"		" "	.02	B-40B
"	" "	Temple Ave	.40	M.110 20
"	" "	Cherry Ave	.46	B-41A
North	Cherry Ave	Wardlow Rd	.46	B-43
West	Wardlow Rd.	L.B. Water Dept Pump house	.04	B-44
"	" "	Orange Ave		B-45
		" "	.02	B-45A
"	" "	Atlantic Ave	.45	B-46
"	" "	Long Beach Blvd	.23	B-47
North	Long Beach Blvd	Roosevelt Rd	.59	B-48
"	" " "	San Antonio Dr.	.39	B-49
"	" " "	House # 4304	.11	B-50
"	" " "	44 Th St.	.06	B-51
"	" " "	Arbor St.	.40	B-52
"	" " "	U.P.R.R. Bridge	.08	B-53
West	U.P.R.R.	L.A. River	.53	B-54B
		" "	.13	B-55A
		" "	.01	B-56B
West	" " " "	P.E.R.R.	.15	B-56A
"	Dominguez St	Santa Fe Ave	.44	B-57
"	" "	Alameda St.	.48	5-37

Cont to pg 8

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REVISION PG
LOS ANGELES COUNTY ENGINEER
CO. OF LOS ANGELES COUNTY ENGINEERING BLDG.
768098 CE #247 7-39

F. B. 1818 PG. 8

Cont from pg 7

direction	Street Traveled	To	miles	B.	M.

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Notes Ck'd by	Survey of L.A.Co. Precise Level Net F. B. 2028 PG. 9
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F.E.Brooks
Checked	Notes F.E.B. Date Sept 1940
Date	Indexed

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765095 CE #247—7-53

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F. B. 2882 PG. 10

Notes Ck'd by	Survey of L.A.Co. Precise Level Net F. B. 2828 PG. 11
Map No.	IN 0301.02 Tape Std. OF
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date 2 Sept 1960
Date	Indexed H. E. OTT OCT 13 '60

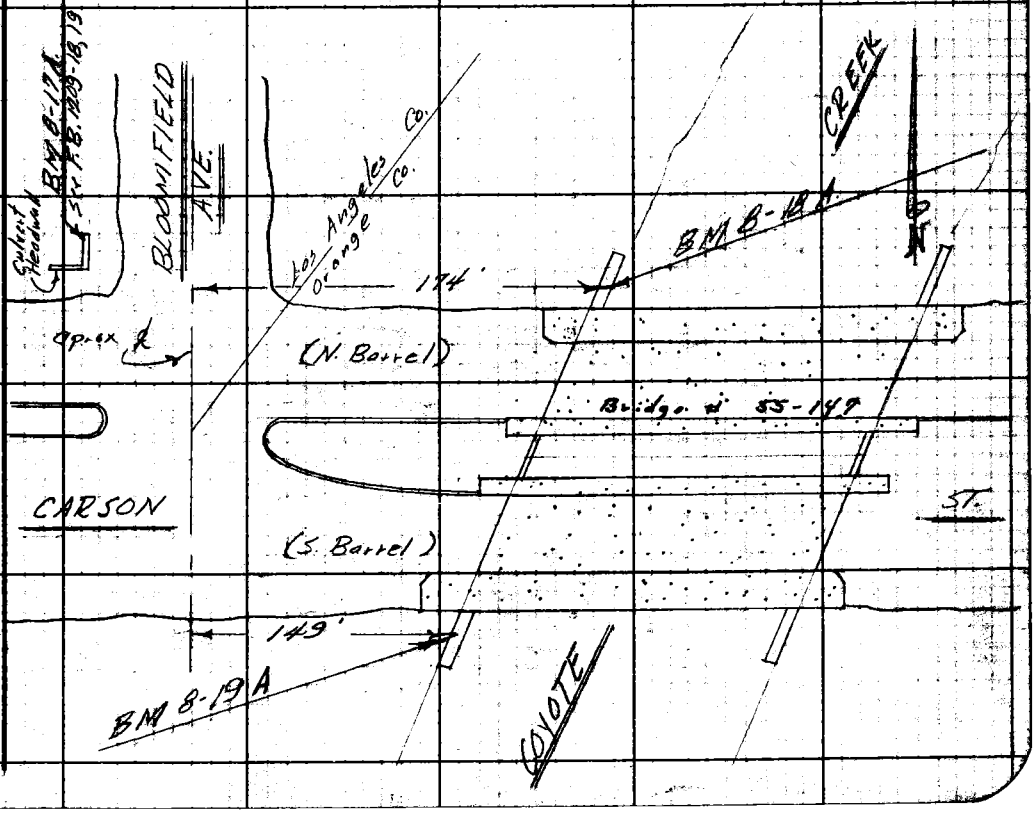
BM 8-18A (USA CE. CC 13)

BLOOMFIELD AVE. and CARSON ST. 174 ft. East of aprox ℄ of Bloomfield Ave in top of wing wall at N. W. corner of bridge #55-147 R&L over COYOTE CREEK a ~~Std~~ U.S. Army Corps of Engineers 3½" brass disc. stamped CC 13 1957

F.E.B. 30 June 65
FEB 13 Aug 70

BM 8-19A (USA CE CC 12)

BLOOMFIELD AVE. and CARSON ST. 149 ft. East of aprox. ℄ of Bloomfield Ave in top of Wing wall at S. W. Corner of bridge #55-147 R&L over COYOTE CREEK a ~~Std~~ U.S. Army Corps of Engineers 3½" brass disc. stamped C.C. 12 1957



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763095 CE #247—7-53

F. B. 2828 PG. 12

BM 8-25 A

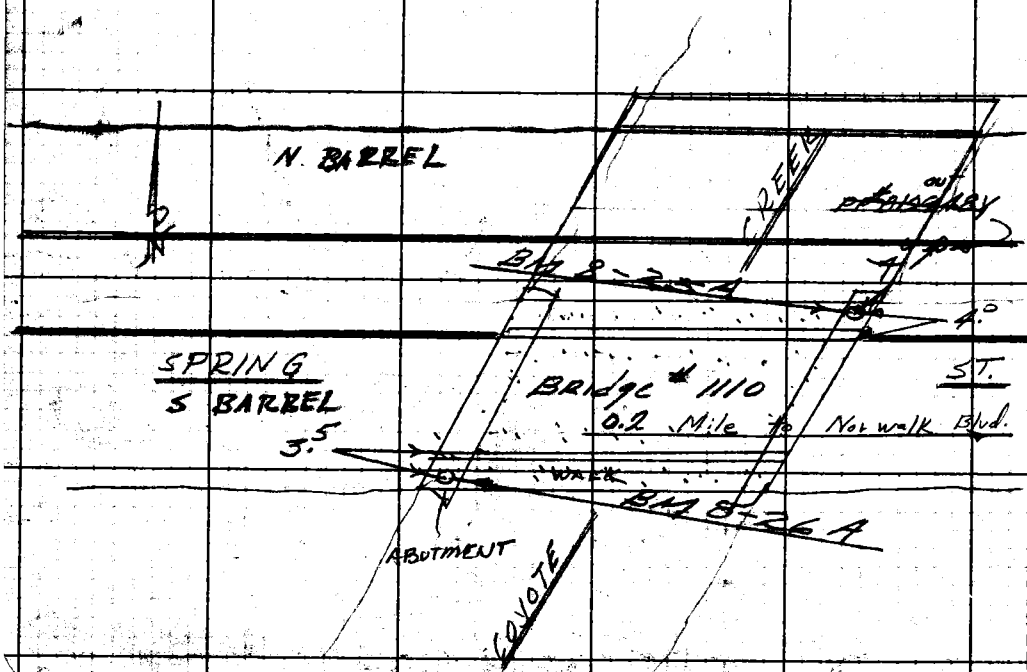
SPRING ST. at COYOTE CREEK in ORANGE CO. 0.2 mile W of Norwalk Blvd. In the N.E. Cor. of S. Barrel on Bridge #1110 4 ft N. of N. curb a Corps of Engineers 3½" Brass Disc cemented into the ~~walk~~ ABUTMENT and stamped CC 6 1957

FEB 13 Aug 70

BM 8-26 A

SPRING ST. at COYOTE CREEK in ORANGE CO. 0.2 mile W. of Norwalk Blvd. In the S.W. Cor. of Bridge #1110 3.5 ft S of S. curb a Corps of Engineers 3½" Brass Disc cemented into the ~~walk~~ ABUTMENT and stamped CC 5 1957

FEB. 29 Jun 65
" 13 Aug 70



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Notes Ck'd by	Survey of L.A.Co. Precise Level Net F. B. 2828 Pg. 13
Map No.	1301.02 Tape Std.
Office Work	Surveyed by FE Brooks
Checked	Notes F.E.B. Date Sept 1960
Date	Indexed H. E. Ott

BM 8-38A

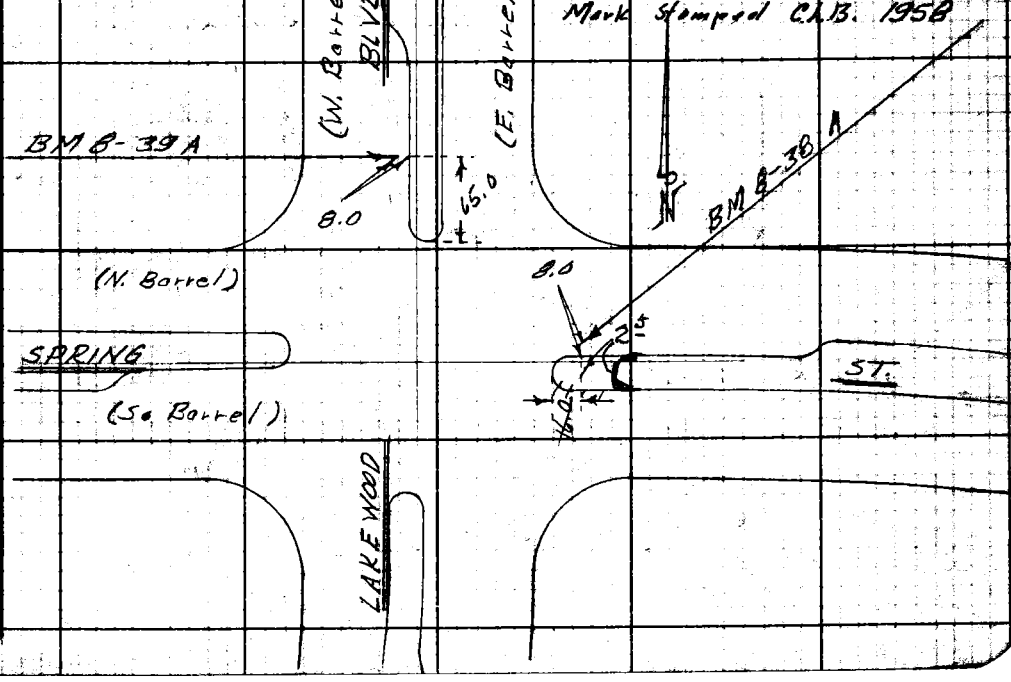
FEB 28 June 65

LAKEWOOD BLVD and SPRING ST. In the Left turn lane of the N. barrel of Spring St. 8.0 ft N of N curb of center Island ~~16.8~~ 2.5 ft. W. ~~E.~~ of West end of center Island a Long Beach City Engineer ~~Monument~~ 2½" Brass Disk set in conc 1.0 in a Well proteted by a cast Iron cover marked CITY ENGR. MON. Mark stamped C.L.B. 1958 R.E. 3111

BM 8-39A

FEB 28 June 65

LAKEWOOD BLVD and SPRING ST. In the Left turn lane of the W. barrel of Lakewood Blvd. 8.0 ft. W. of W curb of center island ~~6~~ 65.0 ft. N. of S. end of Center island a Long Beach City Engrineer ~~Monument~~ 2½" Brass Disk set in conc. in a Well 12" below surface of Street protected by a cast iron Cover marked City Engr. Mon. Mark Stamped C.L.B. 1958



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RETURN TO LOS ANGELES COUNTY ENGINEER 900 LOS ANGELES COUNTY ENGINEERING BLDG.

763095 CE #247—7-53

F.B. 2848 PG. 14

BM B-54 B

UNION PACIFIC R.R. and LOS ANGELES RIVER East end of bridge at Mile post 17.13 In the center of N head wall of conc. abudment for bridge and 5.5 ft E. of bridge a Co. Engr 2 1/2" Brass Disc cemented into the concrete and stamped BM B-54 B 1960 RE 5869

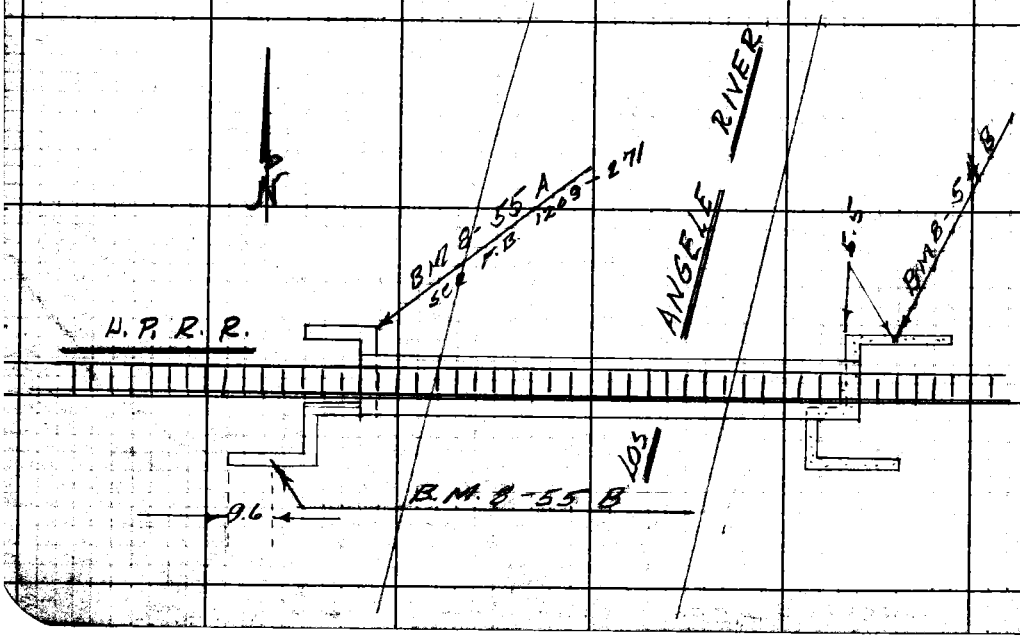
CK'd. 6-22-65 K.N.K.

BM B-55 B.

UNION PACIFIC R.R. and LOS ANGELES RIVER West end of bridge at Mile post 17.13 In the center of S. headwall of Conc. abudment for bridge and 9.6 ft. E. of W. end of headwall a Co. Engr. 2 1/2" Button Brass Disc cemented into the concrete and stamped BM B-55 B 1960 RE 5869

Check

CK'd. 6-22-65 K.N.K.



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Notes Ck'd by	Survey of L.A.Co. Precise Level
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by F.E. Brooks
Checked	Notes F.E.B. Date Sept 1960
Date	Indexed H. E. Ott

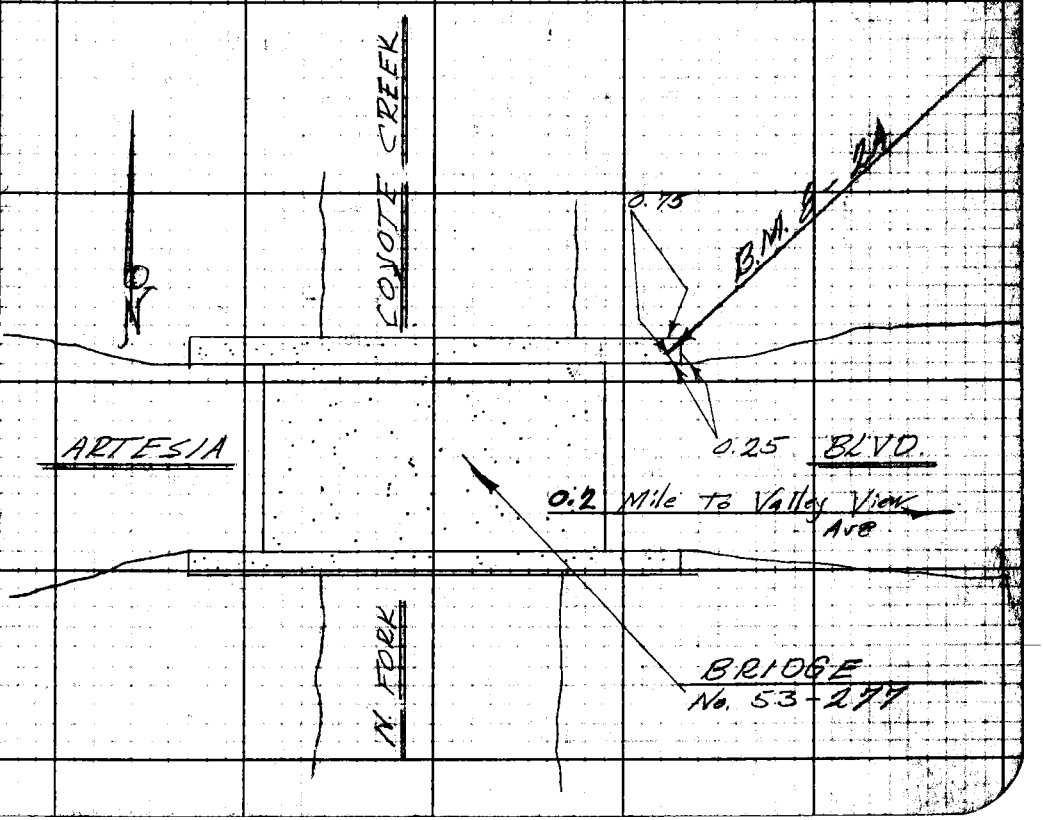
Net F.B. 2828 Pg. 15

BM 8-2A

ARTESIA BLVD. and N. FORK of COYOTE CREEK. 0.2 mile W. of Valley View Ave. In the East end of the North Concrete curb of Bridge No. 53-277 a US Army Corps of Engineers 3½" Brass Disc. Stamped CC 34 1958. Disc is 0.25 ft. West of East end and 0.75 South of North edge of bridge.

8-26-70 NOT RECOVERED, WIDER BRIDGE, G.E.D.

FEB 30 June 65



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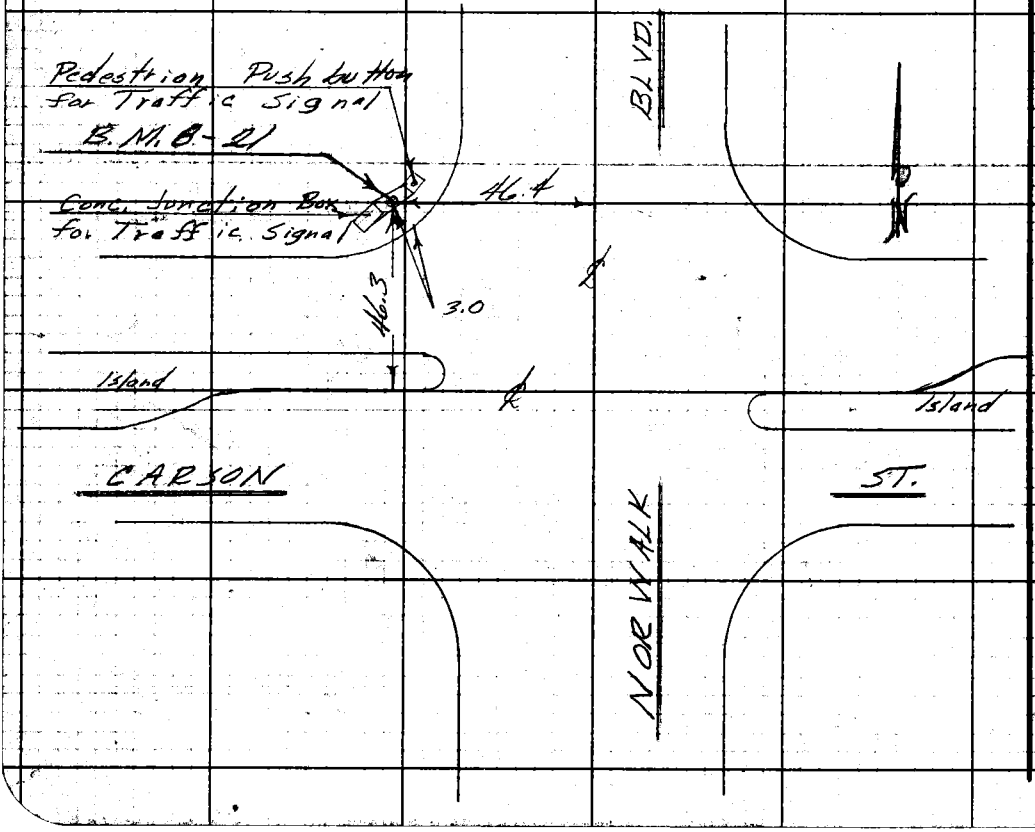
76F3098 CE #247—3-57

F.B. 2828 Pg. 16

BM B-21 (R.M. 1 ARTESIA D-9) (U.S. 3917)

CARSON ST. and NORWALK BLVD.
N.W. Corner. 46.4 ft. W. of ℄ of Norwalk Blvd. 46.3 ft N. of ℄ of Carson St. 3.0 ft. N.W. of curb. and ~~1 ft~~ 20" below curb in a well protected by a cast iron cover marked County Engineer Monument a. L.A. County Surveyor Reference 4" Brass Disk set in conc. Stamped ~~Monument 1~~ ARTESIA D-9 1943
RE 2177 R.M. 1

FEB. 30 June 65
F.E.B. 13 Aug 70



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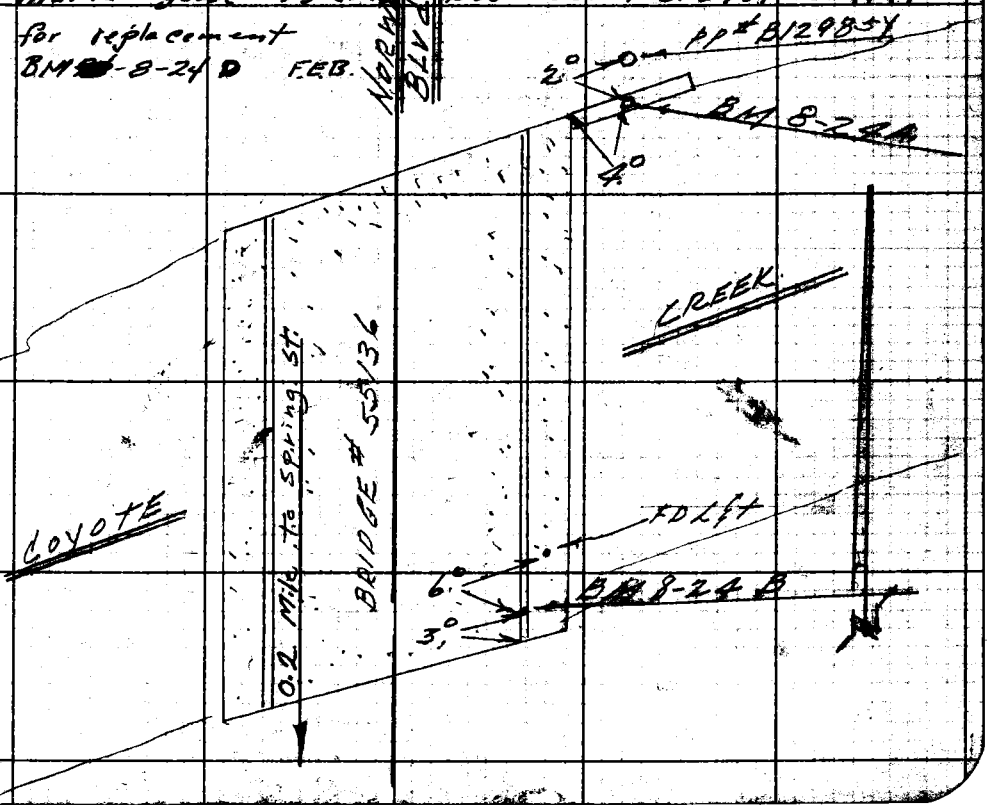
Notes Ck'd by	Survey of LACo PRECISE Level Net F. B. 2828 PG. 17
Map No.	IN 0301.02 Cape Std °F
Office Work	Surveyed by F E BROOKS
Checked	Notes FEB Date Oct 1960
Date	Indexed H. E. OIT

BM 8-24-A

NORWALK BLVD at COYOTE CREEK 0.2 Mile North of SPRING ST. In the Concret Wing wall at the N.E. Corner of Bridge #55136 4 ft. N-Easterly from E. edge of Bridge a U.S.C. & G.S. Brass Disc cemented into the wall and stamped C779 Reset 1955
Mark gone 29 June 1965 See F.B. 3704-173 for replacement BM 8-24 C F.E.B.

BM 8-24-B

NORWALK BLVD at COYOTE CREEK 0.2 Mile North of Spring St. In the curb at the S.E. Corner of Bridge #55136 3 ft N. of S. end of Bridge a Corps of Engineers Brass Disc. cemented into the curb and stamped CC7 1957
mark gone 29 June 1965 See F.B. 3704-173, 174 for replacement BM 8-24 D F.E.B.



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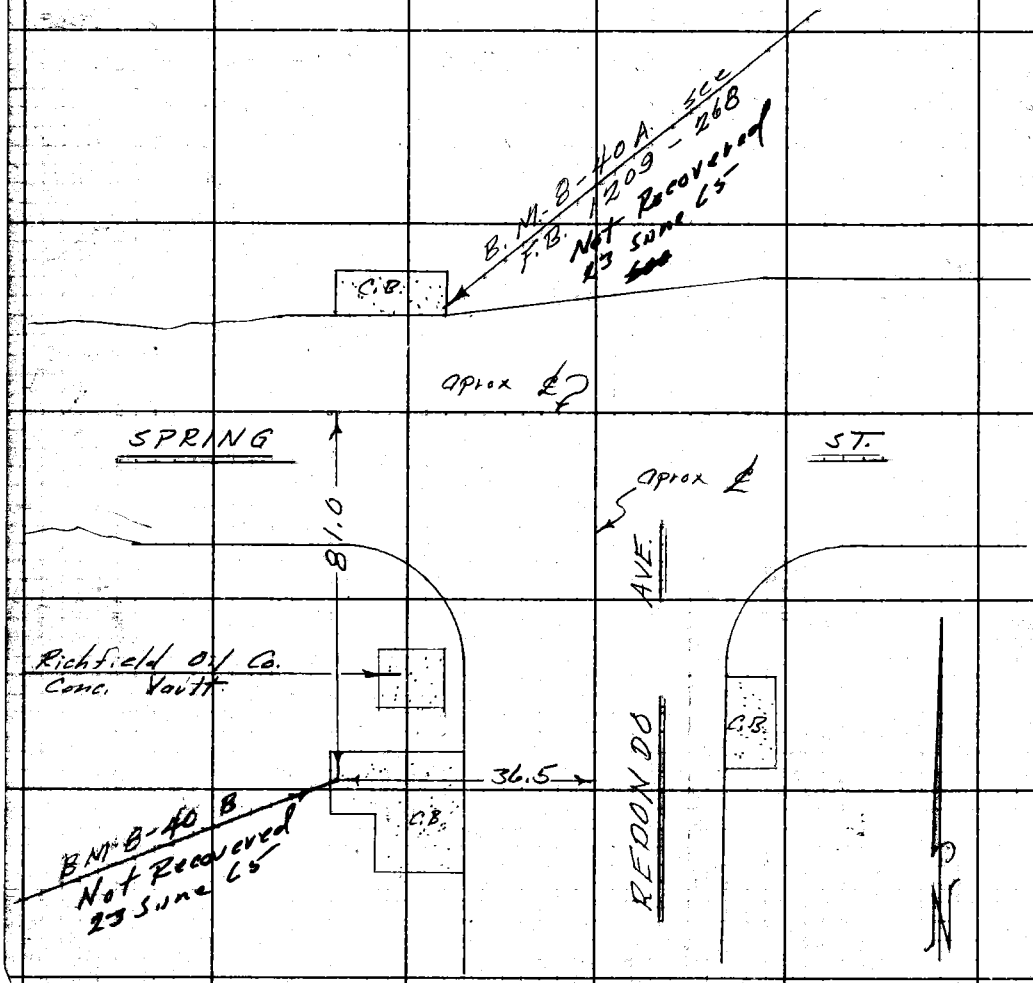
763098 CE #247—7-53

F. B. 2828 PG. 18

BM B-40B.
SPRING ST. and REDONDO AVE.
S.W. Corner 81.0 ft. south of aprox
℄ of Spring St. and 36.5 W. of aprox
℄ of Redondo Ave. Cemented into the
back edge of Concrete catch basin
a County Engineer Brass Disc. stamped
BM B-40B 1960 RE 5869

Not recovered 23 June 1965 F.E.B.

See F.B. 3704 - for BM B-40C
" " " - " BM B-40D
F.E.B.



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76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by J.J. Bozen Time 8:40 - 9:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 1-1 To BM 8-1
Date 8 Sept 1960
Indexed H. E. OTT OCT 1 - '60

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.401		.186			6.969		.182		BM 1-1 (U.S. 42)
	5.215		.184			6.787		.186		Valley View Ave and S.P.R.R.
1	5.031		.370			6.601		.368		see F.B. 1202-6
	15.647	5.216		.370	74°	20.357	6.786		.368	
	5.511		.183			5.163		.182		π Siemann
	5.328		.185			4.981		.183		
2	5.143		.368			4.798		.365		
	15.982	5.327		.738		14.942	4.981		.733	
	5.186		.185			5.367		.185		
	5.001		.182			5.182		.183		
3	4.819		.367			4.999		.368		
	15.006	5.002		1.105		15.548	5.183		1.101	
	4.928		.183			5.320		.180		
	4.745		.180			5.140		.180		
4	4.565		.363			4.960		.360		
	14.238	4.746		1.468		15.420	5.140		1.461	
	4.948		.185			5.232		.182		
	4.763		.181			5.050		.182		
5	4.582		.366			4.868		.364		
	14.293	4.764		1.834		15.150	5.050		1.825	
		25.055					27.140			

F.B. 1200 P.G. 25

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather overcast Inst. No. 15066
Notes by J.J. Bazen Time 8:40 - 9:45 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-1 To BM B-1
Date 8 Sept 1960
Indexed N.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.938	25.055	.180	1.834		5.365	27.140	.183	1.825	
	4.758		.180			5.182		.182		
	4.578		.360			5.000		.365		
	14.274	4.758		2.194		15.547	5.182		2.190	
7	5.208		.186			5.490		.180		
	5.022		.182			5.310		.180		
	4.840		.368			5.130		.360		
	15.070	5.023		2.562		15.930	5.310		2.550	
8	5.070		.182			5.432		.182		
	4.888		.184			5.252		.180		
	4.704		.366			5.072		.362		
	14.662	4.887		2.928		15.756	5.252		2.912	
9	5.080		.181			5.462		.182		
	4.899		.184			5.280		.182		
	4.715		.365			5.098		.364		
	14.694	4.898		3.293		15.840	5.280		3.276	
10	5.160		.182			5.519		.187		
	4.978		.183			5.332		.184		
	4.795		.365			5.148		.371		
	14.933	4.978		3.658		15.999	5.333		3.647	
		49.599					63.497			

F.B. 2828 P.G. 24

76P526-CE 379—10-57

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700 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 F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by J.J. Bazen Time 8:40 - 9:45 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-1 To B.M. 8-1
Date 8 SEPT. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.075	49.599	.185	3.658		5.520	53.497	.183	3.647	Summation of Run
	4.890		.182			5.337		.187		From BM 1-1
	4.708		.367			5.150		.370		To BM 8-1
	14.673	4.891		4.025		16.007	5.336		4.017	
12	5.269		.186			5.587		.186		Total Backsights = + 69.109
	5.083		.183			5.401		.183		" Foresights = - 75.669
	4.900		.369			5.218		.369		diff. elev. = - 6.560
	15.252	5.084		4.394		16.206	5.402		4.386	
13	5.030		.180			5.520		.182		Backsight Stadia = 4.982
	4.850		.180			5.338		.186		Foresight " = 5.007
	4.670		.360			5.152		.368		Total " = 9.989
	14.550	4.850		4.754		16.010	5.337		4.754	= ~~.57m~~ .63
14	4.799		.114			6.223		.125		B.M. 8-1
	4.685		.114			6.098		.128		Valley View Ave &
	4.571		.228			5.970		.253		Artesia Blvd.
	14.055	4.685		4.982		18.291	6.097		5.007	See F.B. 1269-6
	69.109					75.669				

F.B. 2828 P.G. 27

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No 15066
Notes by J.J. Bazen Time 9:50 – 10:50 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8 SEPT 1960
Indexed H.E.O.K.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.226		.126			4.803		.113		B.M. 8-1
	6.100		.126 ✓			4.690		.117 ✓		VALLEY VIEW AVE &
	5.974		.252			4.573		.230		ARTESIA BLVD.
	18.300	6.100		.252 ✓	78°	14.066	4.689		.230	SEE F.B. 1209-6
2	5.500		.185			5.011		.181		π SIEMANN
	5.315		.183 ✓			4.830		.180		
	5.132		.368			4.650		.361 ✓		
	15.947	5.316		.620 ✓		14.491	4.830		.591 ✓	
3	5.645		.185			5.329		.187		
	5.460		.185 ✓			5.142		.183		
	5.275		.370			4.959		.370 ✓		
	16.380	5.460		.990 ✓		15.430	5.143		.961 ✓	
4	5.603		.180			5.165		.185		
	5.423		.180 ✓			4.980		.185 ✓		
	5.243		.360			4.795		.370		
	16.269	5.423		1.350 ✓		14.940	4.980		1.331 ✓	
5	5.489		.181			5.140		.189		
	5.308		.180 ✓			4.951		.185 ✓		
	5.128		.361			4.766		.374		
	15.925	5.308		1.711 ✓		14.857	4.952		1.705 ✓	
		27.607 ✓					24.594 ✓			

F.B. 2828 P.G. 28

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by J.J. BAZEN Time 9:50-10:50 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.480	27.607	.180	1.711		5.101	24.594	.186	1.705	
	5.300		.180			4.915		.184		
	5.120		.360			4.731		.370		
	15.900	5.300		2.071		14.747	4.916		2.075	
7	5.532		.182			5.167		.185		
	5.350		.184			4.982		.182		
	5.166		.366			4.800		.367		
	16.048	5.349		2.437		14.949	4.983		2.442	
8	5.448		.185			5.161		.183		
	5.263		.181			4.978		.186		
	5.082		.366			4.792		.369		
	15.793	5.264		2.803		14.931	4.977		2.811	
9	5.138		.184			4.711		.183		
	4.954		.184			4.528		.179		
	4.770		.368			4.349		.362		
	14.862	4.954		3.171		13.588	4.529		3.173	
10	5.180		.183			4.895		.185		
	4.997		.182			4.710		.182		
	4.815		.365			4.528		.367		
	14.992	4.997		3.536		14.133	4.911		3.540	
		53.471					48.710			

F.B. 2828 P.G. 29

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST (WARM) Inst. No 15066
Notes by J.J. BAZEN Time 9:50-10:50 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 1-1
Date 8 SEPT. 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	5.148	5.471	.184	3.536		4.750	4.710	.178	3.540	Summation of Run
	4.964		.181			4.572		.182		From BM 8-1
	4.783		.365			4.390		.360		To BM 1-1
	14.895	4.965		3.901		13.712	4.571		3.900	
12	5.320		.185			5.141		.186		Total Backsights = + 75.308
	5.135		.185			4.955		.183		" Foresights = -68.751
	4.950		.370			4.772		.369		diff. elev. = +6.557
	15.405	5.135		4.271		14.868	4.956		4.269	
13	5.163		.183			5.510		.183		Backsight Stadia = 5009
	4.980		.185			5.327		.184		Foresight " = 5003
	4.795		.368			5.143		.367		Total " = 10.012
	14.938	4.979		4.639		15.980	5.327		4.636	= ~~.57~~ .63 mi.
14	6.942		.183			5.370		.182		B.M. 1-1 (U.S. 42)
	6.759		.187			5.188		.185		Valley View Ave and S.P.R.R.
	6.572		.370			5.003		.367		see F.B. 1202-6
	20.273	6.758		5.009		15.561	5.187		5.003	
		75.308					68.751			

F.B. 2828 P.G. 30

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather over east Inst. No. 15066
Notes by A.R. WORKMAN Time 11:05 11:20 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-1 To BM 8-2A
Date 8 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	5703 5520 5336	5519	183 184 367	367		5796 5610 5428	5611	186 182 368	368	BM 8-1 Artesia Blvd & Valley View Ave see F.B. 1209-6 T Turrill
2	4744 4562 4382	4562	182 180 362	729		5840 5658 5473	5657	182 185 367	735	Summation of Run From BM 8-1 To BM 8-2A
3	5332 5150 4969	5150	182 181 363	1092		5430 5243 5060	5244	187 183 370	1105	Total Backsights = + 30.218 " Foresights = - 21.802 diff elev. = + 8.416
4	7970 7782 7598	7783	188 184 372	1464		2393 2209 2027	2209	184 182 366	1471	Backsight stadia = 1.791 Foresight " = 1.791 Total " = 3.582 = ~~40~~ 23
5	7368 7203 7041	7204	165 162 327	1791		3241 3081 2921	3081	160 160 320	1791	BM 8-2A Artesia Blvd & N. Fork Coyote Creek see F.B. 2828-15
		30.218					21.802			

F.B. 2828 P.G. 13

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by A.R. WORKMAN Time 11:28 11:30 Rod No. 31-32

Name L.A.Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2A To BM 8-1
Date 8 Sept 1960
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	3371		159	317		7500		163	328	BM 8-2A
	3212		158			7337		165		Artesia Blvd & N. Fork Coyote Creek
	3054		317			7172		328		See F.B. 2828-15
	9637	3212				22009	7336			T Tuttill
2	2461		190			8030		183		
	2271		187			7847		184		Summation of Run
	2084		377			7663		367		From BM 8-2A
	6816	2272		694		23540	7846		695	To BM 8-1
3	5403		185			5306		182		Total Backsights = +22.076
	5218		188			5124		182		" Foresights = -30.496
	5030		373			4942		364		diff elev. = -8.420
	15651	5217		1067		15372	5124		1059	
4	5868		182			4771		181		Backsight stadia = 1.795
	5686		184			4590		181		Foresight " = 1.791
	5502		366			4409		362		Total " = 3.586
	17056	5685		1433		13770	4590		1421	= .23 mi.
5	5871		181			5785		185		BM 8-1
	5690		181			5600		185		Valley View Ave and Artesia Blvd.
	5509		362			5415		370		See F.B. 1209-6
	17070	5690		1795		16800	5600		1799	
		22.076					30.496			

F.B. 2828 P.G. 32

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by A.R. WORKMAN Time 11:40 1:30 Rod No. 31-32

Name LA. Co. PRECISE LEVEL NET
Job No. 0301-02
From BMB-2A To BMB-2
Date 8 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	4324		056	110		4194		075	150	BM B-2A
	4268		054			4119		075		Artesia Blvd and N. Fork Coyote Creek
	4214		.110			4044		150		See F.B. 2828-15
	12806	4268			88°	12357	4119			
2	4851		189			7521		181		T BAZEN
	4662		190			7340		179		
	4472		379			7161		360		
	13985	4661		489		22022	7340		510	
3	3588		189			8612		180		
	3399		191			8432		179		
	3208		380			8253		359		
	10195	3398		869		25297	8432		869	
4	4698		186			5432		187		
	4512		184			5245		184		
	4328		370			5061		371		
	13538	4512		1239		15738	5246		1240	LUNCH 1 HR.
5	5284		186			4604		185		
	5098		186			4419		187		
	4912		372			4232		372		
	15294	5098		1611		13255	4418		1612	
	21.937					19.555				

F.B. 2828 P.G. 33

76PS26-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by A.R. YYORKMAN Time 11:40 1:30 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2A To BM 8-2
Date 8 Sept 1960
Indexed H. E. O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5405	21.934	186	161		4748	29.555	185	161	
	5219		184			4563		183		
	5035		370			4380		368		
	15659	5219		198		13691	4563		198	
7	5059		187			4575		187		
	4872		184			4388		188		
	4688		371			4200		375		
	14619	4873		235		13163	4387		235	
8	5290		087			6387		090		BM 8-2
	5203		088			6297		089		Artesia Blvd and Marquardt Ave
	5115		175			6208		179		See F.B. 129-7
	15608	5.203		252		18892	6.297		253	
										Summation of Run From BM 8-2A To BM 8-2
						Backsight stadia = 2.527				Total Backsights = + 37.232
						Foresight " = 2.534				" Foresights = -44.802
						Total " = 5.061				diff elev = -7.570
						= .29 m.				
	37.232					44.802			0.32	

F.B. 2828 P.G. 34

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by A.R. WORKMAN Time 1:30 2:00 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2 To BM 8-2A
Date 8 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	6193		088	177	92°	5098		090	177	BM 8-2
	6105		089			5008		087		Artesia Blvd and Marquardt
	6016		177			4921		177		Ave see F.B. 1209-8
	18314	6104				15027	5009			
2	4803		188			5289		186		A Bazen
	4615		188			5103		184		
	4427		376			4919		370		
	13845	4615		553		15311	5103		547	
3	4774		184			5430		183		
	4590		185			5247		185		
	4405		369			5062		368		
	13769	4589		922		15739	5246		915	
4	4779		187			5458		188		
	4592		184			5270		185		
	4408		371			5085		373		
	13779	4593		1293		15813	5271		1288	
5	5437		187			4700		185		
	5250		188			4515		185		
	5062		375			4330		370		
	15749	5249		1668		13545	4515		1658	
	25.150					25.144				

F.B. 2828 P.G. 30

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather OVERCAST Inst. No. 15066
Notes by A.R. WORKM Time 1:30 2:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2 To BM 8-2A
Date 8 SEPT 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	8743	25.150	183	1668		3713	25.144	185	1658	
	8560		181			3528		185		
	8379		364			3343		370		
	25682	8560		2032		10584	3528		2028	
7	7552		180			4884		191		
	7372		179			4693		190		
	7193		359			4503		381		
	22117	7372		2391		14080	4693		2409	
8	4267		071			4400		054		BM 8-2A
	4196		071			4346		053		Artesia Blvd and N. Fork Coyote
	4125		141			4293		107		Creek See F.B. 2828-15
	12588	4196		2532		13039	4346		2516	
										Summation of Run From BM 8-2 To BM 8-2A
						Backsight stadia			= 2.532	Total Backsights = + 45.278
						Foresight "			= 2.516	" Foresights = - 37.711
						Total "			= 5.048	diff. elev. = + 7.567
									= ~~.29~~ mi. 0.32	
		45.278					37.711			

F.B. 2828 P.G. 36

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Light Smog Inst. No. 15066
Notes by F.E.B. Time 14:45 - 15:25 Rod No. 31-32

Name L.A. Co PRECISE LEVEL NET
Job No. 0301.02
From BMB-2 To BMB-3
Date 8 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.310		.185			4.885		.184		BM 8-2
	6.125		.183			4.701		.181		Artesia Blvd and Marquardt
1	5.942		368			4.520		.365		Ave see F.B. 1209-7
	18.377	6.126		.368	96°	14.106	4.702		.365	
	5.365		.182			5.101		.181		T Siemann
	5.183		.183			4.920		.182		
2	5.000		365			4.738		.363		
	15.548	5.183		.733		14.759	4.920		.728	
	5.701		.182			5.601		.187		
	5.519		.185			5.414		.184		
3	5.334		.367			5.230		.371		
	11.554	5.518		1.100		16.245	5.415		1.099	
	6.000		.180			5.668		.188		
	5.820		.180			5.480		.185		
4	5.640		360			5.295		.373		
	17.460	5.820		1.460		16.443	5.481		1.472	
	4.955		.185			4.672		.183		
	4.770		.188			4.489		.186		
5	4.582		.373			4.303		.369		
	14.307	4.769		1.833		13.464	4.488		1.841	
	27.416					25.006				

F.B. 2828 P.G. 37

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather Sunny Light Smog Inst. No. 15066
Notes by F.E.B. Time 14:45 - 15:25 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BMB-2 To BMB-3
Date 8 Sept 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.025	27.416	.185	18.33		4.740	25.006	.185	18.41	
	4.840		.185			4.555		.185		
6	4.655		.370			4.370		.370		
	14.520	4.840		2.203		13.665	4.555		2.211	
	5.163		.185			4.830		.182		
	4.978		.186			4.648		.183		
7.	4.792		.371			4.465		.365		
	14.933	4.978		2.574		13.943	4.648		2.576	
	4.940		.185			4.706		.186		
	4.755		.185			4.520		.186		
8	4.570		.370			4.334		.372		
	14.215	4.755		2.944		13.560	4.520		2.948	
	5.393		.182			5.212		.185		
	5.211		.185			5.027		.185		
9	5.026		.367			4.842		.370		
	15.630	5.210		3.311		15.081	5.027		3.318	
	5.320		.185			5.070		.182		
	5.135		.185			4.888		.184		
10	4.950		.370			4.704		.366		
	15.405	5.135		3.681		14.662	4.887		3.684	
		52.334					48.673			

F.B. 2828 P.G. 38

76P526-CE 379—10-57

@ 8-31-61

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Light Smog Inst. No. 15066
Notes by F.E.B. Time 14:45-15:25 Rod No. 31-32

Name L.A.-CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-2 To BM 8-3
Date 8 Sept 1960
Indexed H.E.On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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.	4.890	52.334	.075	3.681		5.841	48.643	.071	3.684	BM 8-3 (Artesia G-4)
	4.815		.074			5.770		.070		Artesia Blvd and Carmenita
	4.741		.149			5.700		.141		Rd See F.B. 1209-8
	14.446	4.815		3.830		17.311	5.770		3.825	
										Summation of Run From BM 8-2 To BM 8-3
										Total Backsights = + 57.149
										" Foresights = - 54.413
										diff. elev = + 2.736
										Backsight Stadia = 3.830
										Foresight " = 3.825
										Total " = 7.655
										= .4 m.
	57.149					54.413				

F.B. 2628 P.G. 39

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 13:30 - 14:30 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-3 To BM 8-2
Date 12 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.235		.068			5.284		.072		BM 8-3 (Artesia G-4)
	6.167		.069			5.212		.072		Artesia Blvd and Carmenita
	6.098		.137			5.140		.144		Rd. See F.B. 1209-8
	18.500	6.167		.137	102°	15.636	5.212		.144	
2	5.031		.183			5.282		.184		T Turrill
	4.848		.186			5.098		.185		
	4.662		.369			4.913		.369		
	14.541	4.847		.506		15.293	5.098		.513	
3	5.047		.185			5.230		.186		
	4.862		.182			5.044		.183		
	4.680		.367			4.861		.369		
	14.589	4.863		.873		15.135	5.045		.882	
4	4.871		.185			5.102		.182		
	4.686		.186			4.920		.182		
	4.500		.371			4.738		.364		
	14.057	4.686		1.244		14.760	4.920		1.246	
5	5.168		.184			5.498		.188		
	4.984		.183			5.310		.186		
	4.801		.367			5.124		.374		
	14.953	4.984		1.611		15.932	5.311		1.620	
		25.547					25.506			

F.B. 2828 PG. 40

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 13:30 - 14:30 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BMB-3 To BMB-2
Date 12 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.879	25.549	.184	1.611 ✓		5.167	25.586 ✓	.186	1.620 ✓	
	4.695		.187 ✓			4.981		.183 ✓		
6	4.508		.371			4.798		.369		
	14.082	4.694		1.982 ✓		14.946	4.982		1.989 ✓	
	4.798		.187			5.076		.187		
	4.611		.183 ✓			4.889		.185 ✓		
7	4.429		.370			4.704		.372		
	13.837	4.612		2.352 ✓		14.669	4.890		2.361 ✓	
	5.384		.183			5.723		.183		
	5.201		.180 ✓			5.540		.186 ✓		
8	5.021		.363			5.354		.369		
	15.606	5.202		2.715 ✓		16.617	5.539		2.730 ✓	
	5.242		.184			5.344		.181		
	5.058		.184 ✓			5.163		.184 ✓		
9	4.874		.368			4.979		.365		
	15.174	5.058		3.083 ✓		15.486	5.162		3.095 ✓	
	4.922		.182			5.189		.182		
	4.740		.180 ✓			5.007		.184 ✓		
10	4.560		.362			4.823		.366		
	14.222	4.741		3.445 ✓		15.019	5.006		3.461 ✓	
	49.854 ✓					54.165 ✓				

F.B. 2828 P.G. 41

76P526-CE 379—10-57

@ 8-31-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 13:30 - 14:30 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BMB-3 To BMB-2
Date 12 Sept 1960
Indexed H.E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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.	4.697	49.854	.186	3.445		6.121	51.165	.187	3.461	BM B-2
	4.511		.183			5.934		.184		Artesia Blvd and Marquardt
	4.328		.369			5.750		.371		Ave See F.B. 1209-7
	13.536	4.512		3.814		17.805	5.935		3.832	
										Summation of Run
										From BM B-3
										To BM B-2
										Total Backsights = + 54.366
										" Foresights = - 57.100
										diff elev. = - 2.734
										Backsight Stadia = 3.814
										Foresight " = 3.832
										Total " = 7.646
										= 47 m.
		54.366					57.100			

F.B. 2828 P.G. 42

8

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 14:40 – 15:40 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-3 To BM 8-4
Date 12 Sept 1962
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.480 5.292 5.108	5.293	.188 .184 .372	.372	102°	5.629 5.446 5.260	5.445	.183 .186 .369	.369	BM 8-3 (Artesia G-4) Artesia Ave and Carmenita Rd. See F.B. 1209-8
2	4.441 4.254 4.069	4.253	.187 .185 .372	.744		5.569 5.382 5.199	5.383	.187 .183 .370	.739	T Turnill
3	4.245 4.062 3.880	4.062	.183 .182 .365	1.109		5.244 5.058 4.870	5.058	.186 .188 .374	1.113	
4	4.397 4.210 4.025	4.211	.187 .185 .372	1.481		5.455 5.270 5.084	5.270	.185 .186 .371	1.484	
5	4.392 4.208 4.023	4.208	.185 .185 .370	1.851		5.302 5.118 4.931	5.117	.185 .187 .372	1.856	
			22.027					26.283		

F.B. 2828 P.G. 43

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 14:40 - 15:40 Rod No. 31.32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BMB-3 To BMB-4
Date 12 Sept 960
Indexed H.E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.777	22.027	.186	1.851		5.280	26.273	.190	1.856	
	4.591		.184			5.090		.186		
	4.407		370			4.904		376		
	13.775	4.592		2.221		15.274	5.091		2.232	
7	4.527		.181			4.840		.192		
	4.346		.184			4.648		.188		
	4.162		365			4.460		380		
	13.035	4.345		2.586		13.949	4.649		2.612	
8	4.863		187			5.162		183		
	4.676		.189			4.979		.182		
	4.487		376			4.797		.365		
	14.026	4.675		2.962		14.938	4.979		2.977	
9	5.132		186			5.110		183		
	4.946		.185			4.927		.183		
	4.761		371			4.744		366		
	14.839	4.946		3.333		14.781	4.927		3.343	
10	4.247		187			5.602		183		
	4.060		.190			5.419		.187		
	3.870		377			5.232		370		
	12.177	4.059		3.710		16.253	5.418		3.713	
		44.644					51.332			

F.B. 2828 P.G. 44

76P526-CE 379—10-57

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8-31-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 14:40 - 15:40 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-3 To BM 8-4
Date 12 Sept 1960
Indexed H.E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.507 4.371 4.238 13.116	44.644 4.372	137 133 270	3.710 3.980		6.010 5.877 5.742 17.629	51.337 5.876	133 135 268	3.713 3.981	BM 8-4 (Artesia G-5) Carmenita Rd and 183rd St See F.B. 1209-9
										Summation of Run From BM 8-3 To BM 8-4
										Total Backsights = + 49.016 " Foresights = - 57.213 diff. elev. = - 8.197
										Backsight Stadia: 3.980 Foresight " = 3.981 Total " = 7.961 ~~.46~~ mi. 0.50
		49.016					57.213			

FB 2828 P.G. 46

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. SMITH Time 09.00-09.45 Rod No. 31-32

L.A.CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM8-4 To BM8-3
Date 13 Sept 1960
Indexed H.E. OM

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.163		.133		82°	4.657		134		BM 8-4 (Artesia G-5) Carmenita Rd and 183rd St
	6.030		134 ✓			4.523		134 ✓		See F.B. 1209-9
	5.894		269			4.389		268		
	18.087	6.029		.269 ✓		13.569	4.523		.268 ✓	
2	5.790		.185			4.431		184		At Turnill
	5.605		188 ✓			4.247		186 ✓		
	5.417		373			4.061		370		
	16.812	5.604		.642 ✓		12.739	4.246		.638 ✓	
3	5.052		185			5.070		184		
	4.867		186 ✓			4.886		184 ✓		
	4.681		371			4.702		368		
	14.600	4.867		1.013 ✓		14.658	4.887		1.006 ✓	
4	5.429		.186			5.131		.188		
	5.243		.183			4.943		.185 ✓		
	5.060		369 ✓			4.758		373		
	15.732	5.244		1.382 ✓		14.832	4.944		1.379 ✓	
5	5.166		185			4.863		186		
	4.981		189			4.677		186 ✓		
	4.792		374 ✓			4.491		372		
	14.939	4.980		1.756 ✓		14.031	4.677		1.751 ✓	
		26.724 ✓					23.277 ✓			

F.B. 2828 P.G. 46

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. SMITH Time 09:00-09:45 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-4 To BM 8-3
Date 13 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.542	26.724	.186	1.756		5.042	23.277	185	1.751	
	5.356		.186			4.857		187		
	5.170		372			4.670		372		
	16.068	5.356		2.128		14.569	4.856		2.123	
7	5.626		.185			4.715		186		
	5.441		.188			4.529		186		
	5.253		373			4.343		372		
	16.310	5.440		2.501		13.587	4.529		2.495	
8	5.622		184			4.570		187		
	5.444		184			4.383		184		
	5.260		368			4.199		371		
	16.332	5.444		2.869		13.152	4.384		2.866	
9	5.890		.187			4.890		183		
	5.703		.185			4.707		183		
	5.518		372			4.524		366		
	17.111	5.704		3.241		14.121	4.707		3.232	
10	6.097		189			4.970		187		
	5.908		185			4.783		183		
	5.723		374			4.600		370		
	17.728	5.909		3.615		14.353	4.784		3.602	
	54.577					46.537				

F.B. 2228 P.G. 44

76P526-CE 379—10-57

@ 8-31-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. SMITH Time 09:00 09:45 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM-8-4 To BM 8-3
Date 13 SEPT 1960
Indexed H.E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
//	5.986	54.577	185	3.615		5.830	46.537	185	3.602	BM-8-3 (Artesia G-4) Artesia Ave and Carmenita Rd.
	5.801		189			5.645		184		
	5.612		374			5.461		369		
	17.399	5.800		3.989		16.936	5.645		3.971	See F.B. 1209-8
										Summation of Run From BM 8-4 To BM 8-3
										Total Backsights = +60.377 " Foresights = -52.182 diff. elev = +8.195
										Backsight Stadia = 3.989 Foresight " = 3.971 Total " = 7.960 = ~~45~~ 50 mi.
		60.377					52.182			

F.B. 2828 P.G. 48

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R. D. SMITH Time 10:00-11:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BMB-4 To BMB-5
Date 13 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.853 4.668 4.480		185 188 373			5.630 5.446 5.260		184 186 370		BMB-4 (Artesia G-5) Carmenita Rd and 183rd St. see F.B. 1209-9
	14.001	4.667		373	94°	16.336	5.445		370	
2	4.463 4.280 4.100		183 180 363			5.650 5.465 5.280		185 185 370		π Valdez
	12.843	4.281		736		16.395	5.465		740	
3	4.895 4.709 4.522		186 187 373			5.069 4.883 4.699		186 184 370		
	14.126	4.709		1.109		14.651	4.884		1.110	
4	4.741 4.551 4.365		190 186 376			5.129 4.948 4.764		181 184 365		
	13.657	4.552		1.485		14.841	4.947		1.475	
5	4.940 4.757 4.570		183 187 370			5.660 5.474 5.289		186 185 371		
	14.267	4.756		1.855		16.423	5.474		1.846	
		22.965					26.215			

F.B. 2828 P.G. 44

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. D. SMITH Time 10:00-11:10 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-4 To B.M. 8-5
Date 13 Sept 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.970	22.965	183	1.855		5.334	26.215	184	1.846	
	4.787		184			5.149		185		
	4.603		367			4.965		369		
	14.360	4.787		2.222		15.448	5.149		2.215	
7	5.051		181			5.541		189		
	4.870		182			5.352		185		
	4.688		363			5.167		374		
	14.609	4.870		2.585		16.060	5.353		2.589	
8	4.918		186			5.205		185		
	4.732		182			5.020		181		
	4.550		368			4.839		366		
	14.200	4.733		2.953		15.064	5.021		2.955	
9	4.934		185			5.387		185		
	4.749		185			5.202		182		
	4.564		370			5.020		367		
	14.247	4.749		3.323		15.609	5.203		3.322	
10	5.609		186			5.724		186		
	5.423		183			5.538		189		
	5.240		369			5.349		375		
	16.272	5.424		3.692		16.611	5.537		3.697	
		47.508					52.498			

F.B. 2828 P.G. 50

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 10:00 – 11:10 Rod No. 31-32

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-4 To BM 8-5
Date 13 Sept 1960
Indexed H. E. OT

Number of Station	BACKSIGHT Thread 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	4.544 4.416 4.289 13.249	47.528 4.416	128 127 255	3.692 3.947		7.191 7.057 6.932 21.170	52.478 7.057	124 125 249	3.697 3.946	BM-8-5 (Artesia G-5A) Carmenita Rd and Orangethorpe Ave (South St) See F.B. 1209-10
										Summation of Run From BM 8-4 To BM 8-5
										Total Backsights = + 51.944 " Foresights = − 59.535 diff elev. = − 7.591
										Backsight Stadia = 3.947 Foresight " = 3.946 Total " = 7.893 = .45 mi.
	51.944					59.535				0.49

F.B. 2828 P.G. 5

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. SMITH Time 11:15 - 12:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-5 To BM 8-4
Date 13 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.249 7.123 6.999		126 124 250		96°	4.609 4.481 4.351		128 130 258		BM 8-5 (Artesia G-57) Carmenita Rd & Orangethorpe Ave (South St.) See F.B. 1209-10
	21.371	7.124		250		13.441	4.480		259	
2	5.741 5.557 5.370		184 187 371			5.628 5.441 5.258		187 183 370		TT Valdez
	16.668	5.556		621		16.327	5.442		628	
3	5.339 5.152 4.969		187 183 370			4.882 4.699 4.512		183 187 370		
	15.460	5.153		991		14.093	4.698		998	
4	5.249 5.064 4.880		185 184 369			4.960 4.780 4.599		180 181 361		
	15.193	5.064		1.360		14.339	4.780		1.359	
5	5.571 5.388 5.201		183 187 370			5.088 4.902 4.720		186 182 368		
	16.160	5.387		1.730		14.710	4.903		1.727	
		28.284					24.303			

F.B. 2828 P.G. 52

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 5066
Notes by R.D. Smith Time 11:15-1200 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BMB-5 To BMB-4
Date 13 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5.330	28.284	186	1.730		4.967	24.303	184	1.727	
	5.144		184			4.783		183		
	4.960		370			4.600		367		
	15.434	5.145		2.100		14.350	4.783		2.094	
7	5.486		185			4.769		186		
	5.301		181			4.583		183		
	5.120		366			4.400		369		
	15.907	5.302		2.466		13.752	4.584		2.463	
8	5.150		183			4.761		190		
	4.967		185			4.571		186		
	4.782		368			4.385		376		
	14.899	4.966		2.834		13.717	4.572		2.839	
	5.113		185			4.940		184		
	4.928		186			4.756		187		
	4.742		371			4.569		371		
	14.783	4.928		3.205		14.265	4.755		3.210	
	5.730		182			4.548		186		
	5.548		185			4.362		182		
	5.363		367			4.180		368		
	16.641	5.547		3.572		13.090	4.363		3.578	
		54.172					47.360			

F.B. 2828 P.G. 53

76P526-CE 379—10-57

8-31-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. Smith Time 11:15-12:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-5 To BM 8-4
Date 13 Sept 1962
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.859	54.172	188	3.572		5.080	47.360	188	3.578	BM 8-4 (Artesia G-5) Carmenita Rd and 183rd St.
	5.671		185			4.892		184		
	5.486		373			4.708		372		
	17.016	5.672		3.945		14.680	4.893		3.950	See F.B. 1209-9
										Summation of Run From BM 8-5 To BM 8-4
										Total Backsights = + 59.844
										" Foresights = - 52.253
										diff. elev. = + 7.591
										Backsight Stadia = 3.945
										Fore sight " = 3.950
										Total " = 7.895
										= .45
		59.844					52.253			0.50

F.B. 2828 P.G. 54

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

R 9-1-61

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party F E Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-5 To BM 8-5A
Date 13 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.999		073			5.793		5 070		BM 8-5 (Artesia G-5A)
	6.926		071			5.723		071		Carmenita Rd and Orange-
	6.855		144			5.652		141		thorpe Ave (South St)
	24.780	6.927		.144		17.168	5.723		.141	see F.B. 1209-10
						17.168	5.723			BM 8-5A.
										See above description.
										π Valdez
										Summation of Run
										From BM 8-5
										To BM 8-5A
										Total Backsights = +6.927
										" Foresights = -5.723
										diff. elev. = +1.204
										Backsight Stadia = .144
										Foresight " = .141
										Total " = .285
										= .02 m

F.B. 2828 PG. 65

FORM 379 SM 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

9-1-61

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-5A To BM 8-5
Date 13 Sept 1960
Indexed H.E.O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.801		070			7.004		071		BM 8-5A
	5.731		070			6.933		070		Carmenita Rd. and Orange Thorpe
	5.661		140			6.863		141		Ave (South St)
	17.193	5.73		.140		20.800	6.933		.141	See F.B. 1209-10
										BM 8-5
										See description above
										T Valdez
										Summation of Run
										From BM 8-5A
										To BM 8-5
										Total Backsights = + 5.731
										" Foresights = - 6.933
										diff. elev. = - 1.202
										Backsight Stadia = .140
										Foresight " = .141
										Total " = .281
										= .02 m.

F.B. 1222 PG. 56

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 13:50 - 14:35 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-5A To BMB-6
Date 13 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.049		142			5.284		134		BMB-5A
	5.907		141			5.150		132		Carmenita Rd and Orangethorp Ave (southeast) See F.B. 1209-10
	5.766		283 ✓			5.018		266		
1	17.722	5.907		283 ✓	110°	15.452	5.151		266 ✓	
	5.733		183			5.225		183		
	5.550		184 ✓			5.042		183 ✓		C.G. Valdez
	5.366		367			4.859		366		
2	16.649	5.550		650 ✓		15.126	5.042		632 ✓	
	5.630		184			5.622		183		
	5.446		185			5.439		187		
	5.261		369 ✓			5.252		370 ✓		
3	16.337	5.446		1.019 ✓		16.313	5.438		1.002 ✓	
	5.143		183			5.380		184		
	4.960		185			5.196		185		
	4.775		368 ✓			5.011		369 ✓		
4	14.878	4.959		1.387 ✓		15.587	5.196		1.371 ✓	
	5.373		188			5.540		183		
	5.185		189 ✓			5.357		182 ✓		
	4.996		377			5.175		365		
5	15.554	5.185		1.764 ✓		16.072	5.357		1.732 ✓	
	27.047					26.184				

F.B. 2822 PG. 57

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 12:50 - 14:35 Rod No. 31-32

L.A.Co. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-5A To BM 8-6
Date 12 Sept 1960
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
	5.230	27.047	180	1.764		5.412	26.184	188	1.736	
	5.050		177			5.224		192		
	4.873		357			5.032		380		
6	15.153	5.051		2.121		15.668	5.223		2.116	
	5.330		182			5.650		186		
	5.148		183			5.464		182		
	4.965		365			5.282		368		
7	15.443	5.148		2.486		16.396	5.465		2.484	
	5.238		183			5.451		182		
	5.055		184			5.269		185		
	4.871		367			5.084		367		
8	15.164	5.055		2.853		15.804	5.268		2.851	
	5.200		187			5.613		184		
	5.013		185			5.429		183		
	4.828		372			5.246		367		
9	15.041	5.014		3.225		16.288	5.429		3.218	
	5.324		184			5.530		182		
	5.140		185			5.348		185		
	4.955		369			5.163		367		
10	15.419	5.140		3.594		16.041	5.347		3.585	
		52.465					52.916			

F.B. 2828 P.G. 58

76P526-CE 379—10-57

@ 7-1-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 13:50 - 14:35 Rod No. 31-32

L.A. Co. PRECISE LEVEL NET
Name
Job No. 03.01.02
From B.M. 8-5A To B.M. 8-6
Date 13 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.104	52.455	184	3.594		5.272	52.916	184	3.585	
	4.920		181			5.088		185		
	4.739		365			4.903		369		
11	14.763	4.921		3.959		15.263	5.088		3.954	
	5.529		107			6.288		105		B.M. 8-6
	5.422		106			6.183		103		On South St near house
	5.316		213			6.080		208		# 13014
12	16.267	5.422		4.172		18.551	6.184		4.162	See F.B. 1209-11
										Summation of Run From BM 8-5A To BM 8-6
										Total Backsights = 62.798
										" Foresights = 64.188
										diff elev = -1.390
										Backsight Stadia = 4.172
										Foresight " = 4.162
										Total " = 8.334
	62.798					64.188				.52

F.B. 2828 P.G. 65

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 14:35 - 15:30 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-6 To B.M. 8-5A
Date 13 Sept. 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.248		105			5.490		107		B.M. 8-6
	6.143		103			5.383		105		On South St. near house
	6.040		208 ✓			5.278		212 ✓		# 13014
1	18.431	6.144		208	100°	16.151	5.384		212 ✓	See F.B. 1209-11
	5.599		189			5.424		183		
	5.410		185			5.241		182		T = C.G. Valdez
	5.225		374 ✓			5.059		365 ✓		
2	16.234	5.411		582		15.724	5.241		577 ✓	
	5.668		185			5.461		185		
	5.483		183			5.276		185		
	5.300		368 ✓			5.091		370 ✓		
3	16.451	5.484		950		15.828	5.276		947 ✓	
	5.720		186			5.304		184		
	5.534		184 ✓			5.120		187		
	5.350		370			4.933		371 ✓		
4	16.604	5.535		1.320		15.357	5.119		1.318 ✓	
	5.576		186			5.362		182		
	5.390		185			5.180		182		
	5.205		371 ✓			4.998		364 ✓		
5	16.171	5.390 ✓		1.691		15.540	5.180 ✓		1.582 ✓	
		27.964 ✓					26.200 ✓			

F.B. 2828 PG. 60

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 14:35 - 15:30 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. B-6 To B.M. B-5A
Date 13 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.540	27.964	182	1.691		5.227	26.200	183	1.682	
	5.358		186			5.040		183		
	5.172		368			4.857		366		
6	16.070	5.357		2.059		15.120	5.040		2.048	
	5.562		182			5.391		183		
	5.380		182			5.208		186		
	5.198		364			5.022		369		
7	16.140	5.380		2.423		15.621	5.207		2.417	
	5.606		185			5.440		190		
	5.421		181			5.250		189		
	5.240		366			5.061		379		
8	16.267	5.422		2.789		15.751	5.250		2.796	
	5.610		180			5.382		182		
	5.430		181			5.200		184		
	5.249		361			5.016		366		
9	16.289	5.430		3.150		15.598	5.199		3.162	
	5.713		183			5.723		183		
	5.530		181			5.540		187		
	5.349		364			5.353		370		
10	16.592	5.531		3.514		16.616	5.539		3.532	
		55.084					52.435			

F.B. 2828 P.G. 61

76P526-CE 379—10-57

@ 9-1-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny - Hot Inst. No. 15066
Notes by R.F. Siemann Time 14:35 - 15:30 Rod No. 31-32

Name L.A. Co. PRECISE LEVELNET
Job No. 0301.02
From B.M. 8-6 To B.M. 8-5A
Date 13 Sept 1960
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
	5.286	55.084	184	3.514		5.790	52.435	183	3.532	
	5.102		182			5.607		184		
	4.920		366			5.423		367		
11	15.308	5.103		3.880		16.820	5.607		3.899	
	5.401		135			6.162		140		B.M. 8-5A
	5.266		136			6.022		140		Carmenita Rd and Orangethorpe
	5.130		271			5.882		280		Ave (South St)
12	15.797	5.266		4.151		18.066	6.022		4.179	See F.B. 1209-10
										Summation of Run From BM 8-6 To BM 8-5A
										Total Backsights = + 65.453
										" Foresights = - 64.064
										diff elev. = + 1.389
										Backsight Stadia = 4.151
										Foresight " = 4.179
										Total " = 8.330
										= .~~47~~ mi.
		65.453					64.064			0.53

F.B. 2828 P.G. 62

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R.D. SMITH Time 08:30-09:45 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-6 To BM 8-7
Date 14 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6.900 6.722 6.541		178 181 359 ✓			5.342 5.156 4.973		186 183 369 ✓		BM 8-6 South st. at house #1314 See F.B. 1209-11
	20.163	6.721		359 ✓	78°	15.471	5.157		369 ✓	
2	5.940 5.758 5.572		182 186 ✓ 368			5.518 5.337 5.152		181 185 ✓ 366		π Turn II
	17.270	5.757		727 ✓		16.007	5.336		735 ✓	
3	5.9[illegible] 5.185 [illegible]		[illegible] 361 ✓			5.562 5.376 5.191		186 185 ✓ 371		
	15.558	5.186		1.088 ✓		16.129	5.376		1.106 ✓	
4	5.[illegible] 5.391 5.209		182 182 ✓ 365			5.722 5.536 5.351		186 185 ✓ 371		
	16.174	5.391		1.453 ✓		16.609	5.536		1.477 ✓	
5	5.697 5.508 5.320		189 188 ✓ 377			5.548 5.370 5.192		178 178 ✓ 356		
	16.525	5.508		1.830 ✓		16.110	5.370		1.833 ✓	
	28.563 ✓					26.775 ✓				

F.B. 2828 P.G. 63

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. D. Smith Time 08:30-09:25 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-6 To BM 8-7
Date 14 Sept 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread 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	5.799	28.563	190	1.833		5.512	26.775	182	1.833	
	5.609		188			5.330		180		
	5.421		378			5.150		362		
	16.829	5.610		2.208		15.992	5.331		2.195	
7	5.732		184			5.497		184		
	5.548		183			5.313		181		
	5.365		367			5.132		365		
	16.645	5.548		2.575		15.942	5.314		2.560	
8	5.911		183			5.391		184		
	5.728		182			5.207		181		
	5.546		365			5.026		365		
	17.185	5.728		2.940		15.624	5.208		2.925	
9	5.831		183			5.262		179		
	5.648		181			5.083		179		
	5.467		364			4.904		358		
	16.946	5.649		3.304		15.247	5.082		3.233	
10	5.828		175			5.427		192		
	5.653		172			5.233		190		
	5.481		347			5.043		384		
	16.962	5.654		3.651		15.703	5.234		3.667	
		56.752					52.944			

F.B. 2828 PG. 67

76P526-CE 379--10-57

(R) 9-1-6

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by R. D. Smith Time 08:30-09:25 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET.
Name
Job No. 0301.02
From BM 8-6 To BM 8-7
Date 14 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
11	6.080 6.006 5.932 12.018	56.952 6.006	074 074 148	3.65 3.799		5.738 5.666 5.593 16.997	52.944 5.666	072 073 145	3.667 3.812	BM 8-7 (U.S. 2192) Bloomfield Ave and South St. see F.B. 1209-12
										Summation of Run From BM 8-6 To BM 8-7
										Total Backsights = + 62.758 " Foresights = - 58.610 diff elev = + 4.148
										Backsight Stadia = 3.799 Foresight " = 3.812 Total " = 7.611 = .48 m
	62.758					58.610				

F.B. 2828 P.G. 65

76P528-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R.D. SMITH Time 9:30 - 10:30 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-7 To BM 8-6
Date 14 Sept 1960
Indexed H.E. OH

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.672 5.599 5.526	5.599	073 073 146 ✓	146 ✓	84°	6.013 5.939 5.866	5.939	074 073 147 ✓	147 ✓	B.M. 8-7. (U.S. 2192) Bloomfield Ave and South St. See F.B. 1209-12
2	5.401 5.211 5.023	5.212	190 188 ✓ 378	524 ✓		5.812 5.632 5.451	5.632	180 181 ✓ 361	508 ✓	T Turrill
3	5.290 5.103 4.920	5.104	187 183 ✓ 370	894 ✓		5.849 5.670 5.494	5.671	179 176 ✓ 355	863 ✓	
4	5.463 5.283 5.104	5.283	180 179 ✓ 359	1.253 ✓		5.991 5.806 5.617	5.805	185 189 ✓ 374	1.237 ✓	
5	5.442 5.261 5.081	5.261	181 180 ✓ 361	1.614 ✓		5.680 5.494 5.309	5.494	186 185 ✓ 371	1.608 ✓	
	16.784	26.459				16.483	28.541			

F.B. 2828 P.G. 66

76P526-CE 379--10-57

PLEASE RETURN TO
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700 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 F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R.D. SMITH Time 9:30-10:30 Rod No. 31-32

L.A.CO. PRECISE LEVELNET
Name
Job No. 0301.02
From BM 8-7 To BM 8-6
Date 14 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.360	26.459	187	1.614		5.632	28.541	180	1.608	
	5.173		184			5.452		184		
	4.989		371			5.268		364		
	15.522	5.174		1.985		16.352	5.451		1.972	
7	5.602		183			5.743		186		
	5.419		183			5.557		186		
	5.236		366			5.371		372		
	16.257	5.419		2.351		16.671	5.557		2.344	
8	5.781		187			5.638		186		
	5.594		184			5.452		183		
	5.410		371			5.269		369		
	16.785	5.595		2.722		16.359	5.453		2.713	
9	5.581		185			5.390		182		
	5.396		184			5.208		184		
	5.212		369			5.024		366		
	16.189	5.396		3.091		15.622	5.207		3.079	
10	5.439		181			5.867		187		
	5.258		178			5.680		190		
	5.080		359			5.490		377		
	15.777	5.259		3.450		17.037	5.679		3.456	
		53.302					55.888			

F.B. 2828 P.G. 17

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R.D. SMITH Time 9:30 - 10:30 Rod No. 31-32

L.A. Co. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-7 To B.M. 8-6
Date 14 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.313 5.140 4.964 15417	53.302 5.139	173 176 349 	3.450 3.799		6.889 6.703 6.517 20.109	55.888 6.703	186 186 372 	3.456 3.828	BM 8-6 South St. near house #1301 See F.B. 1209-11
										Summation of Run From BM 8-7 To BM 8-6
										Total Backsights = + 58.441 " Foresights = − 62.591 diff elev. = −4.150
										Backsight Stadia = 3.7[illegible] Foresight " = 3.828 Total " = 7.627 = .47 mi.
		58.441					62.591			

F.B. 2828 PG. 68

76P526-CE 379—10-57

9-1-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:50 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET.
Job No. 0301.02
From BM 8-7 To BM 8-9
Date 14 Sept 1960
Indexed M.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.391		.101			6.438		.106		BM 8-7 (U.S. 2192)
	5.290		.101			6.332		.102		South St. and Blackstone Ave
	5.189		.202			6.230		.208		See F.B. 1209-12
	15.870	5.290		.202	88°	19.000	6.333		.208	T. Siemann
										BM 8-8 (U.S. 3925)
										South St. and Bloomfield Ave
										See F.B. 1209-12
										Summation of Ele.
										From BM 8-7
										To BM 8-8
										Total Backsights = + 5.290
										" Foresights = - 6.333
										diff elev = - 1.043
										Backsight Stadia = .202
										Foresight " = .208
										Total " = .410
										= .08 mi.

F.B. 2828 P.G. 69

3

76P526-CE 379—10-57

9-1-61

PLEASE RETURN TO
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700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:55 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-8 To BM 8-7
Date 14 Sept 1960
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
	6.420		.107			5.372		.102		BM 8-8 (U.S. 3925) South St. and Bloomfield Ave
	6.313		.103			5.270		.102		
	6.210		.210			5.168		.204		
	18.943	6.314		.210	88°	15.810	5.270		.204	See F.B. 1209-12
										BM 8-7 (U.S. 2192) South st and Bloomfield Ave.
										See F.B. 1209-12
										T Siemann
										Summation of Run From BM 8-8 To BM 8-7
										Total Backsights = +6314
										" Foresights = -5.270
										diff elev. = +1.044
										Backsight Stadia = .210
										Foresight " = .204
										Total " = .414
										= .08 mi.

F.B. 2628 P.G. 70

3

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

7-1-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by F.E.B. Time 11:00 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM8-8 To BM8-9
Date 14 SEPT 1960
Indexed H. E. ON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.643		.049			6.178		.049		BM8-8 (U.S. 3325) South St. and Bloomfield Ave
	6.594		.049			6.131		.049		
	6.545		.098			6.082		.096		
	19.782	6.594		.098	88°	18.391	6.130		.096	See F.B. 1209-12
										BM8-9 (U.S. 3326) South St. and Bloomfield Ave See F.B. 1209-13
										T Siemann
										Summation of Run From BM 8-8 To BM 8-9
										Total Backsights = +6.594
										" Foresights = -6.130
										diff elev. = +0.464
										Backsight Stadia = .098
										Foresight " = .096
										Total " = .194
										= .01m

F.B. 2826 P.G. 71

76P526-CE 379—10-57

@ 7-1-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:05 Rod No. 31-32

L.A. Co. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-9 To BM 8-8
Date 14 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.169 6.122 6.074		.047 .048 .095			6.636 6.587 6.539		.049 .048 .097		BM 8-9 (U.S. 3926) South St. and Bloomfield Ave. See F.B. 1209-13
	18.365	6.122		.095	88°	19.762	6.587		.097	
										BM 8-8 (U.S. 3925) South St. and Bloomfield Ave. See F.B. 1209-12
										T Siemann Summation of Run From BM 8-9 To BM 8-8
										Total Backsights = + 6.122 " Foresights = - 6.587 diff. elev. = -0.465
										Backsight Stadia = .095 Foresight " = .097 Total " = .192 = .01 mi.

F.B. 2828 PG. 72

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. BROOK Weather SUNNY Inst. No. 15066
Notes by R.D. Smith Time 11:15 - 12:00 Rod No. 31-B

L.A.Co. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-9 To BM 8-10
Date 14 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6.420		195			6.529		204		BM 8-9 (U.S. 3926) South st. and Bloomfield Ave
	6.225		193			6.325		203		
	6.032		388			6.122		407		
	18.677	6.226		388	85°	18.976	6.325		407	See F.B. 1209-B
2	5.449		189			5.385		183		T Siemann
	5.260		190			5.202		180		
	5.070		379			5.022		363		
	15.779	5.260		767		15.609	5.203		770	
3	4.956		186			5.551		199		
	4.770		183			5.352		202		
	4.587		369			5.149		401		
	14.313	4.771		1.136		16.052	5.351		1.171	
4	4.963		193			5.310		180		
	4.770		191			5.130		180		
	4.579		384			4.950		360		
	14.312	4.771		1.520		15.390	5.130		1.531	
5	4.978		190			5.448		186		
	4.788		188			5.262		182		
	4.600		378			5.080		368		
	14.366	4.789		1.898		15.790	5.263		1.899	
	26.817					27.272				

F.B. 2828 P.G. 73

76P526-CE 379—10-57

(2) 9-1-61

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R.D. SMITH Time 11:15 12:00 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-9 To BM 8-10
Date 14 SEPT 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4.948	25.817	187	1.898		4.810	27.272	185	1.899	
	4.761		183			4.625		184		
	4.578		370			4.441		369		
	14.287	4.762		2.268		13.876	4.625		2.268	
7	5.032		179			5.039		177		
	4.853		178			4.862		174		
	4.675		357			4.688		351		
	14.560	4.853		2.625		14.589	4.863		2.619	
0	4.781		064			4.241		074		BM 8-10 (U.S. 3924)
0	4.717		066			4.167		075		Bloomfield Ave and 195th
	4.651		130			4.092		149		St. see F.B. 1209-14
	14.149	4.716		2.755		12.500	4.167		2.768	
										Summation of Run From BM 8-9 To BM 8-10.
						Backsight Stad.a = 2.755				Total Backsights = + 40.148
						Foresight " = 2.768				" Foresights = -40.927
						Total " = 5.523				diff elev. = -0.779
						= .3 mi				
		40.148					40.927		5	

F.B. 2828 P.G. 74

76P526-CE 379—10-57

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather SUNNY Inst. No. 15066
Notes by R.D. SMITH Time 13:15-14:00 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-10 To BM 8-9
Date 14 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.292 4.220 4.148		072 072 144			4.833 4.768 4.703		065 065 130		BM 8-10 (W.S. 3924) Bloomfield Ave and 14th St.
	12.660	4.220		144	86°	14.304	4.768		130	See F.B. 1209-14
2	5.110 4.940 4.770		170 170 340			5.105 4.925 4.745		180 180 360		T DIEMA
	14.820	4.940		484		14.775	4.925		490	
3	4.791 4.608 4.421		183 187 370			4.930 4.745 4.562		185 183 368		
	13.820	4.607		854		14.237	4.746		858	
4	5.224 5.039 4.855		185 184 369			4.750 4.565 4.379		185 186 371		
	15.118	5.039		1223		13.694	4.565		1229	
5	5.365 5.180 4.995		185 185 370			5.005 4.819 4.632		186 187 373		
	15.540	5.180		1593		14.456	4.819		1602	
	23.986					23.823				

F.B. 2828 P.O. 75

76P526-CE 379—10-37

@ 9-5-61

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700 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 F.E. BROOKS Weather SUNNY Inst. No. 150.66
Notes by R.D. SMITH Time 13:15 – 14:00 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From B.M. 8-10 To B.M. 8-9
Date 14 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.610	23.986	190	1.593		5.030	23.823	193	1.602	
	5.420		190			4.837		196		
	5.230		380			4.641		389		
	16.260	5.420		1.973		14.508	4.836		1.991	
7	5.329		187			5.387		186		
	5.142		187			5.201		183		
	4.955		374			5.018		369		
	15.426	5.142		2.347		15.606	5.202		2.360	
8	6.578		205			6.468		191		BM 8-9 (U.S. 3926)
	6.373		202			6.277		193		South St. and Bloomfield Ave
	6.171		407			6.084		384		see F.B. 1209-13.
	18.122	6.374		2.754		18.829	6.276		2.744	
										Summation of Run From BM 8-10 To BM 8-9
						Backsight Stadia			= 2.764	Total Backsights = + 40.922
						Foresight "			= 2.744	" Foresights = - 40.137
						Total "			= 5.498	diff. elev. = + 0.785
		40.922					40.137			

F.B. 2028 P.G. 76

76P526-CE 379—10-57

@ 9-5-61

PLEASE RETURN TO
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700 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 F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 14:30 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BMB-10 To BMB-11
Date 14 Sept 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.450		.058			5.908		.056		BMB-10 (U.S. 3924)
	4.392		.057			5.852		.053		Bloomfield Ave and 195th St
	4.335		.115			5.799		.109		see F.B. 1209-14
	13.177	4.392		.115	84°	17.559	5.853		.109	
										BMB-11 see description above T Siemann
										Summation of Run From BMB-10 To BM S-11
										Total Backsights = + 4.392
										" Foresights = - 5.853
										diff elev = - 1.461
										Back sight stadia = .115
										Fore sight " = .109
										Total " = .224
										= .01

F.B. 2828 P.G. 77

76P526-CE 379—10-57

(R) 9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 14:35 Rod No. 31-32

L.A. CO. PRECISE LEVEL NET
Name
Job No. 0301.02
From BM 8-11 To BM 8-10
Date 14 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.969		.057			4.510		.058		BM 8-11
	5.912		.053			4.452		.056		Bloomfield Ave and 195th St.
	5.859		.110			4.396		.114		See F.B. 1209-14
	17.740	5.913		.110	84°	13.358	4.453		.114	
										BM 8-11 (U.S. 3924)
										See description above
										π Siemann
										Summation of Run
										From BM 8-11
										To BM 8-10
										Total Backsights = +5.913
										" Foresights = -4.453
										diff. elev. = +1.460
										Back sight Stadia = .110
										Fore sight " = .114
										Total " = .224
										= .01 mi.

F.B. 2828 P.G. 78

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny clear Inst. No. 15066
Notes by R Turrill Time 14:45 - 15:90 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BMB-11 To BMB-13
Date 14 sept. 1960
Indexed H. E. OW

Number of Station	BACKSIGHT Thread 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	5228 5043 4860 15131	5044	185 183 ✓ 368	368 ✓		5407 5224 5040 15671	5224	183 184 ✓ 367	367 ✓	BMB-11 Bloom field Ave and 195th St See F.B. 1209-14
2	4833 4649 4461 13943	4648	184 188 ✓ 372	740 ✓		5561 5378 5191 16130	5377	183 187 ✓ 370	737 ✓	T R. SMITH
3	5275 5086 4900 15261	5087	189 186 ✓ 375	1115 ✓		5083 4898 4710 14691	4897	185 188 ✓ 373	1110 ✓	
4	4765 4578 4390 13733	4578	187 188 ✓ 375	1490 ✓		5266 5082 4898 15246	5082	184 184 ✓ 368	1478 ✓	
5	5183 4998 4810 14991	4997	185 188 ✓ 373	1863 ✓		5124 4938 4753 14815	4938	186 185 ✓ 371	1849 ✓	
		24.354 ✓					25.518 ✓			

F.B. 2828 P.G. 72

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny - clear Inst. No. 15066
Notes by R. Turrill Time 14:45 - 15:40 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 8-11 To 8-13
Date 14 Sept. 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	4645	24.354	186	1863 ✓		4873	25.518	183	1849 ✓	
	4459		187 ✓			4690		182 ✓		
	4272		373			4508		365		
	13376	4459		2236 ✓		14071	4690		2214 ✓	
7	7180		187			6083		195		
	6993		183 ✓			5888		196 ✓		
	6810		370			5692		391		
	20983	6994		2606 ✓		17663	5888		2605 ✓	
8	3952		186			5571		188		
	3266		183 ✓			5383		185 ✓		
	3083		369			5198		373		
	9801	3267		2975 ✓		16152	5384		2978 ✓	
9	4531		185			4999		187		
	4346		186 ✓			4812		185 ✓		
	4160		371			4627		372		
	13037	4346		3346 ✓		14438	4813		3350 ✓	
10	4970		187			4923		186		
	4783		184 ✓			4737		186 ✓		
	4599		371			4551		372		
	14352	4784		3717 ✓		14211	4737		3722 ✓	
		48.204 ✓					51.030 ✓			

FB 28 PG. 80

76P526-CE 379—10-57

9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny - Clear Inst. No 15066
Notes by R. Turrill Time 14:45 - 15:40 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-11 To 8-13
Date 14 SEPT 1960
Indexed B. E. OH

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4908	48.204	139	3717		5824	51.030	144	3722	BM 8-13
	4769		139			5680		143		Bloomfield Ave and Del Amo
11	4630		278			5537		287		Blvd.
	14307	4769		3995		17041	5680		4009	See F.B. 1209-15
										Summation of Run From BM 8-11 To BM 8-13
										Total Backsights = + 52.978 2 " Foresights = - 56.710 diff elev. = - 3.737
										Backsight Stadia = 3.995 Foresight " = 4.009 Total " = 8.004 = .46 mi

52.978 2 56.710 .50

F.B. 2828 P.G. 81

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather over cast Inst. No. 15066
Notes by R. Thrill Time 9:00 - 9:35 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301-02
From BM 8-13 To BM 8-11
Date 15 Sept 1960
Indexed H. E. OH

Number of Station	BACKSIGHT Thread 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	5322 5178 5033		144 145 289 ✓		84°	4402 4264 4127		138 137 275 ✓		BM 8-13 Bloomfield Ave and Del Amo Blvd Sec F.B. 1209-15
	15533	5178		289		12793	4264		275 ✓	
2	4678 4492 4306		186 186 372 ✓			4724 4539 4352		185 187 372 ✓		T F.E. Brooks
	13476	4492		661		13615	4538		647 ✓	
3	4484 4300 4112		184 188 372 ✓			4012 3828 3643		184 185 369 ✓		
	12896	4299		1033		11483	3828		1016 ✓	
4	5700 4915 4730		185 185 370 ✓			2982 2797 2610		185 187 372		
	14745	4915		1403		8389	2796		1388 ✓	
5	5689 5493 5300		196 193 389 ✓			6770 6583 6400		187 183 370 ✓		
	16482	5494		1792		19753	6584		1758 ✓	
		14.378 ✓					22.010 ✓			

F.B. 2828 P.G. 82

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather overcast Inst. No. 15066
Notes by R. Turrill Time 9:00 - 9:35 Rod No. 31-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-13 To BM 8-11
Date 15 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4409	24.378	181	1792 ✓		4187	22.010	189	1758	
	4228		180			3998		188		
6	4048		361 ✓			3810		377 ✓		
	12685	4228		2153 ✓		11995	3998		2135 ✓	
	4773		181			4835		188		
	4592		189			4647		189 ✓		T F.E. Brooks
7	4408		365 ✓			4458		377		
	13773	4591		2518 ✓		13940	4647		2512 ✓	
	4758		188			4251		184		
	4570		185			4067		187 ✓		
8	4385		373 ✓			3880		371		
	13713	4571		2891 ✓		12198	4066		2883 ✓	
	4507		187			4690		185		
	4320		187			4505		185 ✓		
9	4133		374 ✓			4320		370		
	12960	4320		3265 ✓		13515	4505		3253 ✓	
	5058		186			4329		188		
	4872		183			4141		186 ✓		
10	4689		369 ✓			3955		374		
	14619	4873		3634 ✓		12425	4142		3627 ✓	
		46.961 ✓					43.368 ✓			

F.B. 2828 P.G. 83

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Overcast Inst. No. 15066
Notes by R. Turrill Time 9:00 - 9:35 Rod No. 31-32

Name L.A. CO. PRECISE LEVELNET
Job No. 0301.02
From BM 8-13 To BM 8-11
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.421 5.235 5.049 15.705	46.961 5.235	186 186 372	3634 4006		5.250 5.065 4.880 15.195	43.368 5.065	185 185 370	3627 3997	BM 8-11 Bloomfield Ave and 195th St. see F.B. 1209-14
										Summation of Run From BM 8-13 To BM 8-11
										Total Backsights = + 52.196 " Foresights = - 48.433 diff elev. = + 3.763
										Backsight Stadia = 4.006 Foresight " = 3.997 Total " = 8.003 = ~~46~~ mi. .50
	52.196					48.433				

F.B. 2828 P.G. 84

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 13:10 - 13:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-11 To BM 8-13
Date 15 Sept 1960
Indexed H. E. Off

Number of Station	BACKSIGHT Thread 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	5209 5025 4841 15075	5025	184 184 368	368	86°	5380 5193 5008 15581	5194	187 185 372	372	BM 8-11 Bloomfield Ave and 195th St. See F.B. 1209-14
2	4902 4715 4530 14147	4716	187 185 372	740		5637 5449 5262 16348	5449	188 187 375	747	π R. Siemann
3	5292 5103 4918 15313	5104	189 185 374	1114		5101 4915 4729 14745	4915	186 186 372	1119	
4	4868 4680 4490 14038	4679	188 190 378	1492		5373 5189 5002 15564	5188	184 187 371	1490	
5	5335 5150 4965 15450	5150	185 185 370	1862		5280 5095 4910 15285	5095	185 185 370	1860	
		24674					25841			

F.B. 28[illegible]

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 13:10 - 13:50 Rod No. 31532

Name L.A. Co. Precise
Job No. 0301.02
From B.M. 8-11 To B.M. 8-13
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4748	24674	187	1862 ✓		4981	25841	188	1860 ✓	
	4561		183 ✓			4793		184 ✓		
	4378		370			4609		372		
	13687	4562		2232 ✓		14383	4794		2232 ✓	
7	7730		195			6628		185		
	7535		194 ✓			6493		183 ✓		
	7341		389			6260		368		
	22606	7535		2621 ✓		19331	6444		2600 ✓	
8	3593		185			5710		188		
	3408		186 ✓			5522		184 ✓		
	3222		371			5338		372		
	10223	3408		2992 ✓		16570	5523		2972 ✓	
F.B. 2313 P.G. 86 9	4685		185			5152		184		
	4500		185 ✓			4968		186 ✓		
	4315		370			4782		370		
	13500	4500		3362 ✓		14902	4967		3342 ✓	
10	5230		185			5188		188		
	5045		185 ✓			5000		188 ✓		
	4860		370			4812		376		
	15135	5045		3732 ✓		15000	5000		3718 ✓	
		49724 ✓					52569 ✓			

76P526-CE 379—10-57

@ 9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 13:10 - 13:50 Rod No. 31&32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-11 To B.M. 8-13
Date 15 Sept 1968
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5098	49724	133	3732		5972	52569	148	3718	B.M. 8-13
	4915		132			5824		146		Bloomfield Ave. and Del Amo
	4783		265			5678		294		Blvd.
	14746	4915		3997		17474	5825		4012	see F.B. 1209-15
										T. R. SIEMANN
										summation of Run From B.M. 8-11 To B.M. 8-13
										Total Backsight = +54.639 40
										" Foresight = -58.394
										diff elev = -3.755
										Backsight Stadia = 3.997
										Foresight " = 4.012
										Total " = 8.009
										= .46 mi.
	54639 / 40					58394				.50

F.B. 2828 P.G. 87

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

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

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

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

F.B. 2822 P.G. 88

76P526-CE 379--10-57

C9-5-4

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:05 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-13 To BM 8-14
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.722		071			5.580		.071		BM 8-13
	4.651		069			5.509		070		Bloomfield Ave and Del
	4.582		140			5.439		041		Amo Blvd
	13.955	4.652		140	86°	16.528	5.509		141	see F.B. 1209-15
										BM 8-14 (U.S. 3922) Bloomfield Ave and Del Amo Blvd. see F.B. 1209-16
										T Torrill Summation of Run From BM 8-13 To BM 8-14
										Total Backsights = 4.652
										" Foresights = -5.509
										diff elev = +0.857
										Back sight Stad. a = .140
										Fore sight " = .141
										Total " = .281
										= .02

F.B. 2828 P.G. 59

76P526-CE 379—10-57

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B 9-5-01

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:10 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET.
Job No. 0301.02
From BM 8-14 To BM 8-13
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.682		072			5.530		.063		BM 8-14 (D.S. 3922)
	4.610		072			5.467		063		Bloomfield Ave and Del Amo
	4.538		144			5.404		126		Blvd see F.B. 1209-16
	3.830	4.610		144	86°	16.401	5.467		126	T Turvill
										BM 8-13
										Bloomfield Ave and Del Amo
										Blvd see F.B. 1209-15
										Summation of Run
										From BM 8-14
										To BM 8-13
										Total Backsights = + 4.610
										" Foresights = - 5.467
										diff elev. = -0.857
										Backsight stadia = .144
										Foresight " = .126
										Total " = .270
										= .02 mi

F.B. 2828 P.G. 90

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:15 - 10:55 Rod No. 91-32

Name L.A.CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-14 To BM 8-15
Date 15 Sept 1960 H.E. OTT
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	4.343 4.157 3.971		.186 .186 .372 ✓			5.022 4.837 4.651		.185 .186 .371 ✓		BM 8-14 (U.S. 3922) Bloom field Ave and Del Amo Blvd See F.B. 1209-16
	12.471	4.157		.372	86°	14.510	4.837		.371 ✓	
2	4.600 4.412 4.227		.188 .185 ✓ .373			5.262 5.074 4.889		.188 .185 .373 ✓		X Turnill
	13.239	4.413		.745 ✓		15.225	5.075		.744 ✓	
3	5.027 4.842 4.656		.185 .186 .371 ✓			5.422 5.238 5.051		.184 .187 .371 ✓		
	14.525	4.842		1.116 ✓		15.711	5.237		1.115 ✓	
4	5.074 4.888 4.702		.186 .186 ✓ .372			5.581 5.394 5.210		.187 .184 .371 ✓		
	14.664	4.888		1.488 ✓		16.185	5.395		1.486 ✓	
5	5.043 4.856 4.670		.187 .186 .373 ✓			5.650 5.465 5.279		.185 .186 ✓ .371		
	14.569	4.856		1.861 ✓		16.394	5.465		1.857 ✓	
			23.156 ✓					26.009 ✓		

F.B. 2828 P.G. 91

76P526-CE 379—10-57

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

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:15-10:55 Rod No. 31-32

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 8-14 To BM 8-15
Date 15 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5.312	23.156	.188	1.861		5.450	26.009	.182	1.857	
	5.124		.181			5.268		.182		
	4.938		.374			5.086		.364		
	15.374	5.125		2.235		15.804	5.268		2.221	
7	5.242		.183			5.643		.187		
	5.059		.187			5.456		.187		
	4.872		.370			5.269		.374		
	15.173	5.058		2.605		16.368	5.456		2.595	
8	5.278		.185			5.700		.191		
	5.093		.183			5.509		.187		
	4.910		.368			5.322		.378		
	15.281	5.094		2.973		16.531	5.510		2.973	
9	5.458		.188			5.513		.185		
	5.270		.184			5.328		.186		
	5.086		.392			5.142		.371		
	15.814	5.271		3.345		15.983	5.328		3.344	
10	5.190		.185			5.810		.188		
	5.005		.185			5.622		.190		
	4.820		.370			5.432		.378		
	15.015	5.005		3.715		16.864	5.621		3.722	
		48.709					53.192			

F.B. 2828 PG. 92

76P526-CE 379—10-57

(R) 9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:15 - 10:55 Rod No. 31-32

Name L.A.C. Precise Level Nit
Job No. 0301.02
From BM 8-14 To BM 8-15
Date 15 Sept 1960
Indexed E. OTY

Number of Station	BACKSIGHT Thread 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	5.262	48.709	.142	3.715		6.821	53.192	.143	3.722	BM 8-15
	5.120		.143			6.678		.143		Bloomfield Ave and Centralia Rd
	4.977		.285			6.535		.286		
	15.359	5.120		4.000		20.034	6.678		4.008	see F.B.
										Summation of Run From BM 8-14 To BM 8-15
										Total Backsights = + 53.828 " Foresights = - 59.870 diff elev = - 6.042
										Backsight Stadia = 4.000 Foresight " = 4.008 Total " = 8.008 = ~~45~~ m 0.50
	53.828					59.870				

F.B. 2828 P.G. 93

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 11:00 - 11:45 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BM 8-15 To: BM 8-14
Date: 15 Sept 1960
Indexed: H.E.O.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.821		.141			5.257		.145		BM 8-15
	6.680		.144			5.112		.142		Bloomfield Ave and Centralia
1	6.536		.285			4.970		.287		Rd.
	20.037	6.679		.285	86°	15.339	5.113		.287	See F.B. 1209-17
	5.828		.187			5.212		.186		
	5.641		.190			5.026		.184		T Turrill
2	5.451		.377			4.842		.370		
	16.920	5.640		.662		15.080	5.027		.657	
	5.530		.186			5.470		.184		
	5.344		.186			5.286		.186		
3.	5.158		.372			5.100		.370		
	16.032	5.344		1.034		15.856	5.285		1.027	
	5.682		.190			5.263		.183		
	5.492		.186			5.080		.184		
4.	5.306		.376			4.896		.367		
	16.480	5.493		1.410		15.239	5.080		1.394	
	5.628		.186			5.227		.185		
	5.442		.185			5.042		.189		
5.	5.257		.371			4.853		.374		
	16.327	5.442		1.781		15.122	5.041		1.768	
		28.598					25.546			

F.B. 2828 P.G. 94

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:00 - 11:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-15 To BM 8-14
Date 15 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.430	28.598	.182	1.781 ✓		5.296	25.546	.188	1.768 ✓	
	5.248		.182			5.108		.187		
6	5.066		.364 ✓			4.921		.375 ✓		
	15.744	5.248		2.145 ✓		15.325	5.108		2.143 ✓	
	5.643		.189			5.029		.186		
	5.454		.186 ✓			4.843		.183 ✓		
7	5.268		.375			4.660		.369		
	16.365	5.455		2.520 ✓		14.532	4.844		2.512 ✓	
	5.623		.186			5.120		.187		
	5.437		.185 ✓			4.933		.187		
8	5.252		.371			4.746		.374 ✓		
	16.312	5.437		2.891 ✓		14.799	4.933		2.886 ✓	
	5.466		.185			5.069		.186		
	5.281		.184 ✓			4.883		.187		
9	5.097		.369			4.696		.373 ✓		
	15.844	5.281		3.260 ✓		14.648	4.883		3.259 ✓	
	5.508		.187			4.848		.186		
	5.321		.183 ✓			4.662		.186 ✓		
10	5.138		.370			4.476		.372		
	15.967	5.322		3.630 ✓		13.986	4.662		3.631 ✓	
		55.341 ✓					49.976 ✓			

F.B. 2818 P.G. 95

76P526-CE 379---10-57

(R) 9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E. Brooks Time 11:00 - 11:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM B-15 To BM B-14
Date 15 Sept 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.343	55.341	.183	3.630 ✓		4.664	49.976	.186	3.631 ✓	BM B-14 (U.S. 3922)
	5.160		.183 ✓			4.478		.189 ✓		Bloomfield Ave and Del
11.	4.977		.366			4.289		.375		Amo Blvd.
	15.480	5.160		3.996 ✓		13.431	4.477		4.006 ✓	See F.B. 1209-16
										Summation of Run
										From BM B-15
										To BM B-14
										Total Backsights = + 60.501 ✓
										" Foresights = -54.453 ✓
										diff elev = + 6.048 ✓
										Backsight Stadia = 3.996
										Foresight " = 4.006 ✓
										Total " = 8.002
										= ~~.45~~ mi
		60.501					54.453			0.50 ✓

F.B. 1208 P.G. 96

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 14:35 - 15:20 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-15 To BM 8-17A
Date 15 sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6428 6247 6065 18740	6247	181 182 363	363	86°	5670 5486 5300 16456	5485	184 186 370	370	B.M. 8-15 Centralia Rd and Bloomfield Ave see F.B. 1209-17
2	5417 5229 5043 15689	5230	188 186 374	734		5748 5561 5374 16683	5561	187 187 374	744	T G. VALDEZ
3	5691 5503 5313 16507	5502	188 190 378	1115		5603 5420 5240 16263	5421	183 180 363	1107	
4	5329 5143 4961 15433	5144	186 182 368	1483		5301 5117 4929 15347	5116	184 188 372	1479	
5	5169 4985 4800 14954	4985	184 185 369	1852		5513 5329 5145 15987	5329	184 184 368	1847	
		27.108					26.912			

F.B. 1828 P.G. 97

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 14:35 – Rod No. 31, 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-15 To B.M. 8-17A
Date Sept. 15 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4989	27.108	187	185.2 ✓		5595	26.912	185	184.7 ✓	
	4802		183			5410		182		
	4619		370			5228		367 ✓		
	14410	4803		222.2 ✓		16233	5411		221.4 ✓	
7	5364		184			5392		182		
	5180		186			5210		184		
	4994		370 ✓			5026		366 ✓		
	15538	5179		259.2 ✓		15628	5209		258.0 ✓	
8	5311		183			5451		182		
	5128		185 ✓			5269		180		
	4943		368			5089		362 ✓		
	15382	5127		296.0 ✓		15809	5270		294.2 ✓	
9	5498		186			5882		188		
	5262		184			5694		185 ✓		
	5078		370 ✓			5509		373		
	15788	5263		333.0 ✓		17085	5695		331.5 ✓	
10	6561		200			1292		186		
	6361		197 ✓			1106		188		
	6164		397			0918		374 ✓		
	19086	6362		372.7 ✓		3316	1105		368.9 ✓	
		53.842 ✓					49.602 ✓			

F.B. 1888 P.G. 98

76P526-CE 379—10-57

(2) 9-5-61

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather sunny Inst. No. 15066
Notes by R. Turrill Time 14:35 - 15:20 Rod No. 31332

Name L.A.Co. Precise Level Net
Job No. 6301.02
From B.M. 8-15 To B.M. 8-17A
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5247	53.842	044	3727		8329	49.602	059	3689	B.M. 8-17A. Bloomfield Ave and Carson St. See F.B. 1209-18.
	5203		043			8270		059		
	5160		087			8211		118		
	15610	5203		3814		24810	8270		3807	
										Summation of Run From BM 8-15 To BM 8-17RA
										Total Backsight = + 59.045
										" Foresights = - 57.872
										diff. elev. = + 1.173
										Backsight stadia = 3.814
										Foresight " = 3.807
										Total " = 7.621
										= .47 mi
		59.045					57.872			

F.B. 1206 P.G. 39

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Cool Inst. No. 15066
Notes by C. G. VALDEZ Time 9:03 - 10:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-17A To BMB-15
Date 16 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.482		054			5411		049		BMB-17A
	8.428		052 ✓			5362		050		Bloomfield Ave and Carson St
1	8.376		106			5312		099 ✓		Set F.B. 1209-18
	25.286	8.428		106 ✓		16085	5.362		.099 ✓	
	1.478		186			6.753		202		
	1.292		184 ✓			6.551		203 ✓		
2	1.108		370			6.348		405		
	3.878	1.293		476 ✓		19.652	6.551		504 ✓	
	5.779		194			5.329		178		
	5.585		191 ✓			5.151		178 ✓		
3	5.394		385			4.973		356		
	16.758	5.586		861 ✓		15.453	5.151		860 ✓	
	5.488		183			5.351		185		
	5.305		181 ✓			5.166		184 ✓		
4	5.124		364			4.982		369		
	15.917	5.306		1.225 ✓		15.499	5.166		1.229 ✓	
	5.289		185			5.257		187		
	5.104		183			5.070		183 ✓		
5	4.921		368 ✓			4.887		370		
	15.314	5.105		1.593 ✓		15.214	5.071		1.599 ✓	
		25.718 ✓					27.301 ✓			

F.B. 1223 P.G. 100

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Clear-Cool Inst. No. 15066
Notes by C.G. Valder Time 9:03 - 10:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-17A To BMB-15
Date 16 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.609	25.718	185	1593		5.004	27.301	185	1599	
	5.424		184			4.819		185		
6	5.240		369			4.634		370		
	16.273	5.424		1962		14.457	4.819		1969	
	5.530		184			5.184		184		
	5.346		185			5.000		182		
7	5.161		369			4.818		366		
	16.037	5.346		2331		15.002	5.001		2335	
	5.286		186			5.317		184		
	5.100		187			5.133		185		
8	4.913		373			4.948		369		
	15.299	5.099		2704		15.398	5.133		2704	
	5.486		183			5.570		188		
	5.303		185			5.382		186		
9	5.118		368			5.196		374		
	15.907	5.302		3072		16.148	5.383		3078	
	5.825		185			5.496		187		
	5.640		188			5.309		186		
10	5.452		373			5.123		373		
	16.917	5.639		3445		15.928	5.309		3451	
		52.528					52.946			

F.B. 4428 P.G. 14

76P526-CE 379—10-57

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R 9-5-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F E Brooks Weather Clear Cool Inst. No. 15066
Notes by C.G. Valdez Time 9:03 - 10:00 Rod No. 31-32

Name L.A.Ca Precise Level Net
Job No. 0301.02
From BM 8-17A To BM 8-15
Date 16 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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.	5.889 5.701 5.513 17.103	52.528 5.701	188 188 376	3445 3.821		6.639 6.459 6.278 19.376	52.946 6.459	180 181 361	3451 3.812	BM 8-15 Centralia Rd. and Bloomfield Ave See F.B. 1209-17
										Summation of Run From BM 8-17A To BM 8-15
										Total Backsights = + 58.229 " Foresights = - 59.405 diff elev. = - 1.176
										Back sight Stadia = 3.821 Fore sight " = 3.812 Total " = 7.633 = .48 mi.
		58.229					59.405			

F.B. 2828 P.G. 102

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 15:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-17A To BM 8-18A
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	10489 10335 10182 31006	10335	154 153 207	207	84°	2569 2404 2241 7214	2405	165 163 328	328	BM 8-17A Bloomfield Ave and Carson St. See F.B. 1209-18 A Valdez
										BM 8-18A Bloomfield Ave and Carson St See F.B. 2828-11
										Summation of Run From BM 8-17A To BM 8-18A
										Total Backsights = + 10335 " Foresights = - 2405 diff elev = + 7,930
										Backsight Stadia = .207 Foresight " = .328 Total " = .535 " .03 mi

F.B. 1209 P.G. 103

76P526-CE 379—10-57

@ 9-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 15:40 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-18A To BM 8-17A
Date 15 Sept 1960
Indexed H. F. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2450 2287 2120 6857	2286	163 167 230	230		10368 10213 10061 30642	10214	155 152 307	307	BM 8-18A Bloomfield Ave and Carson St. See F.B. 2828-11 T. Valdez
										BM 8-17A Bloomfield Ave and Carson St. See F.B. 1209-18
										Summation of Run From BM 8-18A To BM 8-17A
										Total Backsights = + 2286 " Foresights = - 10214 diff elev = - 7.928
										Backsight Stadia = .230 Foresight " = .307 Total " = .537 = .03 mi

F.B. 2828 P.G. 104

76P526-CE 379--10-57

9-5-51

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather sunny Inst. No. 15066
Notes by FEB Time 15:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM8-18A To BM8-19A
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.842		074			4.985		060		BM8-18A
	6.768		075			4.925		060		Bloomfield Ave and Carson St.
	6.693		149			6.865		120		See F.B. 2828-11
	20.303	6.768		.149		20.775	6.925		120	T Valdez
										BM8-19A
										see description above
										Summation of Run
										From BM8-18A
										To BM8-19A
										Total Backsights = + 6.768
										" Foresights = - 6.925
										diff. elev. = -0.157
										Backsight Stadia = .149
										Foresight " = .120
										Total " = .269
										.02 mi

F.B. 2828 P.G. 105

76P526-CE 379—10-57

@ 5-5-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 15:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-19A To BMB-18A
Date 15 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.940		.059			6.798		.076		BMB-19A
	6.881		.060			6.722		.073		Bloomfield Ave and Carson St.
	6.821		.119			6.649		.149		See F.B. 2828-11
	20.642	6.881		.119		20.169	6.723		.149	T Valdez
										BMB-18A
										See description above
										summation of Run
										From BMB-19A
										To BMB-18A
										Total Backsights = +6.881
										" Foresights = -6.723
										diff elev. = +0.158
										Backsight stadia = .119
										Foresight " = .149
										Total " = .268
										= .024

F.B. 2828 PG. 106

76P526-CE 379--10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: BROOKS Weather: SUNNY Inst. No. 15066
Notes by: R. D. SMITH Time: 10:15 - 11:15 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BM 8-19A To: BM 8-21
Date: SEPT 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.401		182			7.950		182		BM 8-19A Bloomfield Ave and Carson St
	4.219		180 ✓			7.768		183		
	4.039		362			7.585		365 ✓		See F.B. 2828-11
	12.659	4.220		362 ✓		23.303	7.768		365 ✓	
2	2.512		182			8.502		182		T Siemann
	2.330		180 ✓			8.320		180 ✓		
	2.150		362			8.140		362		
	6.992	2.331		724 ✓		24.962	8.321		727 ✓	
3	4.465		185			5.600		182		
	4.280		185 ✓			5.418		180 ✓		
	4.095		370			5.238		362		
	12.840	4.280		1.094 ✓		16.256	5.419		1.089 ✓	
4	5.393		185			6.098		187		
	5.208		183 ✓			5.911		183 ✓		
	5.025		368			5.728		370		
	15.626	5.209		1.462 ✓		17.737	5.912		1.459 ✓	
5	5.150		182			5.955		184		
	4.968		185 ✓			5.771		184 ✓		
	4.783		367			5.588		368		
	14.901	4.967		1.829 ✓		17.314	5.771		1.827 ✓	
		21.007 ✓					33.191 ✓			

F.B. 2828 P.G. 107

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: BROOKS Weather: Sunny Inst. No. 15066
Notes by: R D SMITH Time: 10:15 – 11:15 Rod No. 31 32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BM 8-19A To: BM 8-21
Date: 16 SEPT 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.550	21.009	186	1.829 ✓		5.621	33.191	183	1.827 ✓	
	5.364		184 ✓			5.438		187 ✓		
	5.180		370			5.251		370		
	16.094	5.365		2.199 ✓		16.310	5.437		2.197 ✓	
7	5.850		185			4.910		180		
	5.665		185 ✓			4.730		180 ✓		
	5.480		370			4.550		360		
	16.995	5.665		2.569 ✓		14.190	4.730		2.557 ✓	
8	5.948		186			5.688		189		
	5.762		182 ✓			5.499		191 ✓		
	5.580		368			5.308		380		
	17.290	5.763		2.937 ✓		16.495	5.498		2.937 ✓	
F.B. 28828 P.G. 108 9	5.545		185			5.430		182		
	5.360		185 ✓			5.248		183 ✓		
	5.175		370			5.065		365		
	16.080	5.360		3.307 ✓		15.743	5.248		3.302 ✓	
10	5.912		184			5.590		187		
	5.728		183 ✓			5.403		185 ✓		
	5.545		367			5.218		372		
	17.185	5.728		3.674 ✓		16.211	5.404		3.674 ✓	
		48.888 ✓					59.508 ✓			

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: BROOKS Weather: SUNNY Inst. No. 15066
Notes by: R.D. SMITH Time: 10:15 – 11:15 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-19A To: BM 8-21
Date: 16 SEPT 1962
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.773	48.888	181	3.674		5.483	59.508	188	3.674	
	4.597		182			5.295		189		
	4.415		363			5.106		377		
	13.790	4.597		4.037		15.884	5.295		4.051	
12	5.842		114			7.798		108		B.M. 8-21 (U.S. 3914)
	5.728		116			7.690		108		Carson St. and Norwalk Blvd.
	5.612		230			7.582		216		see F.B. 2828-16
	17.182	5.727		4.267		23.070	7.690		4.267	
										Summation of Run From BM 8-19A To BM 8-21
										Total Backsights = + 59.212
										" Foresights = - 72.493
										diff. elev. = - 13.281
										Backsight stadia = 4.267
										Foresight " = 4.267
										Total " = 8.534
										= .48 mi
	59.212					72.493				

F.B. 2828 P.G. 109

76P526-CE 379—10-57

R 9-6-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: BROOKS Weather: SUNNY Inst. No. 15066
Notes by: R. D. SMITH Time: 11:15-12:00 Rod No. 31-32

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: BM 8-21 To: BM 8-19A
Date: 16 SEPT 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	7.775 7.664 7.555		111 109 220			5.810 5.700 5.590		110 110 220		B.M. 8-21 (U.S. 3917) Carson St. and Norwalk Blvd see F.B. 2828-16
	22.994	7.665		220	82°	17.100	5.700		220	
2	5.531 5.349 5.165		182 184 366			4.830 4.647 4.465		183 182 365		T Siemann
	16.045	5.348		586		13.942	4.647		585	
3	5.530 5.345 5.160		185 185 370			5.850 5.665 5.480		185 185 370		
	16.035	5.345		955		16.995	5.665		955	
4	5.456 5.271 5.090		185 181 366			5.571 5.388 5.202		183 186 369		
	15.817	5.272		1.322		16.161	5.387		1.324	
5	5.581 5.395 5.208		186 187 373			5.845 5.660 5.475		185 185 370		
	16.184	5.395		1.695		16.980	5.660		1.694	
		29.025					27.059			

F.B. 2828 P.G. 110

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: BROOKS Weather: SUNNY Inst. No. 15066
Notes by: R. D. SMITH Time: 11:15 - 12:00 Rod No. 31 - 32

Name: L.A.C. Precise Level Net
Job No. 0301 02
From: BM 8-21 To: BM 8-19A
Date: 16 SEPT 19[illegible]
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.875	29.025	178	1.695		5.819	27.059	190	1.694	
	4.697		177			5.629		188		
	4.520		355			5.441		378		
	14.092	4.697		2.050		16.889	5.630		2.072	
7	5.605		185			5.531		182		
	5.420		185			5.349		186		
	5.235		360			5.163		368		
	16.260	5.420		2.410		16.043	5.348		2.440	
8	5.900		190			5.085		180		
	5.710		190			4.905		180		
	5.520		380			4.725		360		
	17.130	5.710		2.790		14.715	4.905		2.800	
9	6.038		176			5.349		193		
	5.862		174			5.156		195		
	5.688		350			4.961		388		
	17.588	5.863		3.140		15.466	5.155		3.188	
10	5.727		196			4.569		170		
	5.531		194			4.399		174		
	5.337		390			4.225		344		
	16.595	5.532		3.530		13.193	4.398		3.582	
		56.247					52.495			

F.B. 2596 P.G. 111

76P526-CE 379—10-57

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

© 8-6-31

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party BROOKS Weather SUNNY Inst. No. 15066
Notes by R. D. SMITH Time 11:15 - 12:00 Rod No. 31 - 32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-21 To BM 8-19A
Date 16 SEPT 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.700 8.508 8.320	56.247	192 188 380	3.530		2.697 2.520 2.345	52.495	177 175 352	3.532	
	25.528	8.509		3.910		7.562	2.521		3.884	
12	8.060 7.875 7.690		185 185 360			4.510 4.328 4.145		182 183 365		B.M. 8-19A Bloomfield Ave and Carson St See F.B. 282B-11
	23.625	7.875		4.270		12.983	4.328		4.249	
										Summation of Run From BM 8-21 To BM 8-19A
										Total Backsights = + 72.631 " Foresights = - 59.344 diff elev. + 13.287
										Backsight Stadia = 4.270 Foresight " = 4.249 Total " = 8.519 0.53
	72.631					59.344				

F.B. 282B PG. 112

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 14:00 - 14:45 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM B-21 To BM B-22
Date 16 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6412 6227 6043		185 184 ✓ 369			5901 5723 5542		178 181 ✓ 359		BMB-21 (U.S. 3917) Norwalk Blvd and Carson St. See F.B. 2828-16
	18682	6227		369 ✓		17166	5722		359 ✓	
2	4718 4522 4325		196 197 ✓ 393			5282 5083 4886		199 197 ✓ 396		T R. SMITH
	13565	4522		762 ✓		15251	5084		755 ✓	
3	4636 4445 4253		191 192 ✓ 383			5490 5298 5104		192 194 ✓ 386		
	13334	4445		1145 ✓		15892	5297		1141 ✓	
4	4939 4737 4533		202 204 ✓ 406			4973 4784 4594		189 190 ✓ 379		
	14209	4736		1551 ✓		14351	4784		1520 ✓	
5	5888 5714 5542		174 172 ✓ 346			5649 5468 5288		181 180 ✓ 361		
	17144	5715		1897 ✓		16405	5468		1881 ✓	
			25,645 ✓					26,355 ✓		

F.B. 2828 P.G. 113

76P526-CE 379—10-57

@ 9-6-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 14:00 - 14:45 Rod No. 31232

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-21 To B.M. 8-22
Date 16 Sept 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	4518 4322 4125 12965	25.645 4322	196 197 393	1897 2290		5735 5535 5335 16605	26.355 5535	200 200 400 2281	1881 2281	Summation of Run From B.M. 8-21 To BM 8-22
7	5235 5035 4835 15105	5035	200 200 400 2690			5509 5313 5115 15937	5312	196 198 394 2675		Total Backsights = + 45.428 " Foresights = - 47.478 diff. elev. = - 2.050
8	5582 5382 5184 16148	5383	200 198 398 3088			5425 5225 5029 15679	5226	200 196 396 3071		Backsight Stadia = 3.440 Foresight " = 3.421 Total " = 6.861 = .38
9	5219 5042 4867 15128	5.043	177 175 352 3440			5225 5050 4875 15150	5.050	175 175 350 3421		BM 8-22 (U.S. 3916) Norwalk Blvd and 224th St. see F.B. 1209-21
	45.428					47.478				

F.B. 1228 PG. 74

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather sunny Inst. No. 15066
Notes by R. Turrill Time 14:45 - 15:30 Rod No. 31532

Name L.A.Co. Precise L
Job No. 030102
From B.M. 8-22 To B.M. 8-21
Date 16 sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5231 5057 4887 15175	5058	174 170 344✓	344✓	84°	5228 5051 4877 15156	5052	177 174 351✓	351✓	B.M. 8-22 (U.S. 3916) Norwalk Blvd and 224th St see F.B. 1209-21.
2	5347 5149 4952 15448	5149	198 197 395✓	739✓		5505 5306 5108 15919	5306	199 198 397✓	748✓	T. R. SMITH
3	5502 5305 5106 15913	5304	197 199 396✓	1135✓		5223 5023 4823 15069	5023	200 200 400✓	1148✓	
4	5700 5500 5300 16500	5500	206 200 400✓	1535✓		4485 4291 4099 12875	4292	194 192 386✓	1534✓	
5	5810 5633 5460 16903	5634	177 173 350✓	1885✓		6052 5875 5698 17625	5875	177 177 354✓	1888✓	
			26.645✓					25.548✓		

F.B. 1209 P.G. 13

76P526-CE 379—10-57

@ 9-6-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15866
Notes by R. Turrill Time 14:45 - 15:30 Rod No. 31 & 32

Name L.H. Co. Precise Level Net
Job No. 030102
From B.M. 8-22 To B.M. 8-21
Date 16 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5058	26.645	190	1885		5022	25.548	197	1888	Summation of Run
	4868		188			4825		197		From BM 8-22
	4680		378			4628		394		To BM 8-21
	14606	4869		2263		14475	4825		2282	
7	5468		196			4603		191		Total Backsights = + 47.666
	5272		200			4412		190		" Foresights = - 46.611
	5072		396			4222		381		diff. elev. = + 2.055
	15812	5271		2659		13237	4412		2663	
8	5282		197			4723		195		Backsight Stadia = 3.411
	5085		195			4528		198		Foresight " = 3.425
	4890		392			4330		393		Total " = 6.836
	15257	5086		3051		13581	4527		3056	= .3903
9	5975		180			6484		185		BM 8-21 (U.S. 3917)
	5795		180			6299		184		Norwalk Blvd and Carson St
	5615		360			6115		369		see F.B. 2828-16
	17385	5795		3411		18898	6299		3425	
	47.666					45.611				

F.B. 2828 P.G. 16

76P526-CE 379—10-57

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700 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 F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 8:55 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-22 To BMB-23
Date 19 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	5.107 5.001 4.897	5.002	.106 .104 .210	.210	70°	5.022 4.909 4.795	4.909	.113 .114 .227	.227	B.M 8-22 (US 3916). Norwalk Blvd & 224th St FB 1209-21
2	5.045 4.852 4.660	4.852	.193 .192 .385	.595		5.330 5.133 4.939	5.134	.197 .134 .391	.618	π Le Gault
3	5.351 5.151 4.951	5.151	.200 .200 400	.995		5.250 5.044 4.841	5.045	.206 .203 .409	1.027	
4	5.097 4.892 4.691	4.893	.205 .201 .406	1.401		5.325 5.135 4.943	5.134	.190 .192 382	1.409	
5	5.103 4.916 4.728	4.916	.187 .188 .375	1.776		4.934 4.740 4.547	4.740	.194 .193 .387	1.796	
		24.814					24.962			

F.B. 0306 P.G. 117

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by F E B. Time 08:55 - Rod No. 31-32

Name L. A. Co Precise Level Net
Job No. 030102
From BM 8-22 To BM 8-23
Date 19 Sept 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	5.125	24.814	.197	1.976		5.181	24.962	.190	1.796	
	4.928		.197			4.991		.189		
	4.731		.394			4.802		.379		
	14.784	4.928		2.170		14.974	4.991		2.175	
7	5.208		.190			5.293		.185		
	5.018		.188			5.108		.188		
	4.830		.378			4.920		.373		
	15.056	5.019		2.548		15.321	5.107		2.548	
8	5.045		.196			5.215		.193		
	4.849		.198			5.022		.191		
	4.651		.394			4.831		.384		
	14.545	4.848		2.942		15.068	5.023		2.932	
F.B. 2818 P.G. 118 9.	5.185		.186			5.255		.200		
	4.999		.188			5.055		.197		
	4.811		.374			4.858		.397		
	14.995	4.998		3.316		15.168	5.056		3.329	
10	4.851		.191			5.110		.192		
	4.660		.189			4.918		.191		
	4.471		.380			4.727		.383		
	13.982	4.661		3.696		14.755	4.918		3.712	
		49.268					50.057			

76P526-CE 379—10-57

@ 9-[illegible]-31

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F E Brooks Weather Cloudy Inst. No. 15066
Notes by FEB Time 8:55 - 9:35 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-22 To BM 8-23
Date 19 Sept 1960
Indexed B. E. on

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.975	49.268	.190	3.696		5.311	50.057	.182	3.712	
	4.785		.190			5.129		.185		
11	4.595		.380			4.944		.367		
	14.355	4.785		4.076		15.384	5.128		4.079	
	5.170		.118			6.259		.124		BM 8-23 (U.S. 3915)
	5.052		.116			6.135		.123		Norwalk Blvd & Fullerton
12	4.936		.234			6.012		.247		Rd see F.B. 1209-22
	15.158	5.053		4.310		18.406	6.135		4.326	
										Summation of Run
										From BM 8-22
										To BM 8-23
										Total Backsights = + 59.106
										" Foresights = - 61.320
										diff. elev = - 2.214
										Backsight Stadia = 4.310
										Foresight " = 4.326
										Total " = 8.636
										= .49
		59.106					61.320			.54

F.B. 2828 P.G. 1[illegible]

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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: F.E. Brooks Weather: Cloudy Inst. No. 15066
Notes by: F.E.B. Time: 9:40 - 10:15 Rod No. 31-32

Name: L.A.Co. Precise Level Net
Job No.: 2341.02
From: BM B-23 To: BM B-22
Date: 19 Sept 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.289		.123			5.202		.117		BM B-23 (U.S. 3915)
	6.166		.124			5.085		.118		Norwalk Blvd and Fullerton
1	6.042		.247			4.967		.235		Rd.
	18.497	6.166		.247	70°	15.254	5.085		.235	See F.B. 1209-22
	5.298		.189			4.951		.185		
	5.109		.189			4.766		.186		T LeGault
2	4.920		.378			4.580		.371		
	15.327	5.109		.625		14.297	4.766		.606	
	5.102		.191			4.849		.191		
	4.911		.190			4.658		.192		
3	4.721		.381			4.466		.383		
	14.734	4.911		1.006		13.973	4.658		.989	
	5.263		.197			5.197		.187		
	5.066		.198			5.010		.190		
4	4.868		.395			4.820		.377		
	15.197	5.066		1.401		15.027	5.009		1.366	
	5.142		.184			4.987		.206		
	4.958		.187			4.781		.203		
5	4.771		.371			4.578		.409		
	14.871	4.957		1.772		14.346	4.782		1.775	
		26.209					24.300			

F.B. 2828 P.G. 120

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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: F.E. Brooks Weather: Cloudy Inst. No.: 15066
Notes by: F.E.B. Time: 9:40 Rod No.: 31-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: BM 8-23 To: BM 8-22
Date: 19 Sept. 1960
Indexed: H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.286	26.209	.187	1.772		5.199	24.300	.189	1.775	
	5.099		.187			5.010		.188		
6	4.912		.374			4.822		.377		
	15.297	5.099		2.146		15.031	5.010		2.152	
	5.217		.195			5.151		.192		
	5.022		.192			4.959		.193		
7	4.830		.387			4.766		.385		
	15.069	5.023		2.533		14.876	4.959		2.537	
	4.938		.196			5.104		.185		
	4.742		.193			4.918		.189		
8	4.549		.389			4.729		.375		
	14.229	4.743		2.922		14.751	4.917		2.912	
	5.366		.198			5.120		.193		
	5.168		.198			4.927		.196		
9	4.970		.396			4.731		.389		
	15.504	5.168		3.318		14.778	4.926		3.301	
	5.251		.209			5.345		.194		
	5.042		.205			5.151		.193		
10	4.837		.414			4.958		.387		
	15.130	5.043		3.732		15.454	5.151		3.688	
		51.285					49.243			

F.B. 2628 P.G. 121

76P526-CE 379—10-57

@ 9-6-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Cloudy Inst. No. 15066
Notes by F.E.B. Time 9:40–10:15 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 8-23 To BM 8-22
Date 19 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5.291 5.100 4.910 15.301	51.285 5.100	.191 .190 .381	3.732 4.113		5.016 4.819 4.621 14.456	49.263 4.819	.197 .198 .395	3.688 4.083	
12	4.980 4.873 4.768 14.621	4.874	.107 .105 .212	4.325		5.094 4.968 4.860 14.902	4.967	.126 .108 .234	4.297	BM 8-22 (U.S. 3916) Norwalk Blvd and 224 Th St. see F.B. 1209-21
										Summation of Run From BM 8-23 To BM 8-22
F.B. 2822 PG. 1222										Total Backsights = 61.259 " Foresights = -59.0498 difference = +2.216
										Backsight Stadia = 4.325 Foresight " = 4.297 Total " = 8.622 .49 0.54
		61.259					59.048			

76P526-CE 379—10-57

(R) 9-6-61

PLEASE RETURN TO
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700 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: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: R. Turrill Time: 8:35 - 8:45 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BMB-23 To: BMB-24A
Date: 20 Sept 1960
Indexed: H.E. On

Number of Station	BACKSIGHT Thread 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	6153 5968 5783		185 185 370			4209 4030 3850		179 180 359		BMB-23 (U.S. 3315) Norwalk Blvd & Fullerton Rd. See FB 1209-22
	17904	5968		370		12089	4030		359	
2	8078 7883 7691		195 192 387			1884 1688 1490		196 198 394		
	23652	7884		757		5062	1687		753	
3	8404 8217 8029		187 188 375			3402 3219 3038		183 181 364		Summation of Run from BM 8-23 to BM 8-24A.
	24650	8217		1132		9659	3220		1117	
4	6010 5923 5839		087 084 171			5250 5160 5068		090 092 182		BMB-24A Norwalk Blvd & Coyote Creek See FB 2828-17
	17772	5924		1303		15478	5159		1299	
						Back sights stadia Fore sights " total			1303 1299 2602 1301	total Backsights = +27.993 " Foresights = -14.096 diff in Elev = +13.897
				27.993					14.096	

F.B. 2828 P.G. 23

76P526-CE 379—10-57

9-6-61

PLEASE RETURN TO
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700 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 F E Brooks Weather Sunny Inst. No. 15066
Notes by R Turrill Time 8:45 ± 8:55 Rod No. 31-32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BMB-24A To BMB-23
Date 20 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5275 5185 5095 15555	5185	090 090 180	180		6038 5949 5860 17847	5949	089 089 178	178	BMB-24A Norwalk Blvd & Coyote Creek See FB 2828-17
2	3369 3183 3000 9552	3184	186 183 369	549		8370 8182 7992 24544	8181	188 190 378	556	
3	1889 1695 1502 5086	1695	194 193 387	936		8086 7892 7698 23676	7892	194 194 388	944	Summation of Run From BM 8-24A to BM 8-23
4	4232 4050 3870 12152	4051	182 180 362	1298		6178 5990 5805 17973	5991	188 185 373	1317	BMB-23 (U.S. 3915) Norwalk Blvd & Fullerton Rd See FB 1209-22
						Backsight stadia 1298 Forsight " 1317 total 2615 = .15				total Backsights + 14.115 " Foresights - 28.013 diff. elev. - 13.898
		14115					28.013			

F.B. 2828 P.G. 124

76P526-CE 379—10-57

@ 9-6-1

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 09:05 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM B-24A To BM B-24B
Date 20 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.257		.258			5.663		.268		BM B-24A
	6.999		.258			5.395		.268		Norwalk Blvd & Coyote Creek
	6.741		.516			5.127		.536		See FB 2828-17
	20.997	6.999		.516	74°	16.185	5.395		.536	
										BM B-24B
										see description above
										T LeGault
										Summation of Run
										From BM B-24A
										To BM B-24B
										Total Backsights = + 6.999
										" Foresights = - 5.395
										diff elev = + 1.604
										Back sight Stadia = .516
										Fore sight " = .536
										Total " = 1.052
										.06

F.B. 2828 P.G. 125

76P526-CE 379—10-57

(P) 9-5-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E. B. Time 9:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM8-24B To BM8-24A
Date 20 sept 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.'S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.715 5.451 5.184 16.350	5.450	.264 .267 .531	.531	74°	7.318 7.056 6.794 21.168	7.056	.262 .262 .524	.524	BM 8-24B NORWALK Blvd & Coyote Cr. See FB 2828-17
										BM 8-24A See description above π Le Gault
										Summation of Run from BM 8-24B
										Total Backsights = +5.450 " Fore sights = -7.056 diff elev. = -1.606
										Backsight Stadia = .531 Foresight " = .524 Total " = 1.055 = .08 mi.

F.B. 2828 P.G. 126

7

FORM 379 5M 7-40

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by F.E.B. Time 13:20 - Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-24B To BMB-25A
Date 19 Sept 1960
Indexed H.E.O.B.

Number of Station	BACKSIGHT Thread 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	3.372		.183			11.166		.175		BM B-24B.
	3.189		.181			10.991		.171		Norwalk Blvd and Coyote Creek
	3.008		.364			10.820		.346		see F.B. 2828-17
	9.569	3.190		.364	84°	32.977	10.992		.346	
2	2.389		.181			6.043		.205		A Turrill
	2.208		.180			5.838		.209		
	2.028		.361			5.629		.414		
	6.625	2.208		.725		17.510	5.837		.768	
3	5.887		.219			5.457		.191		
	5.668		.216			5.266		.193		
	5.452		.435			5.073		.384		
	17.007	5.669		1.160		15.796	5.265		1.144	
4	4.851		.207			6.648		.204		
	4.644		.205			6.444		.207		
	4.439		.412			6.237		.411		
	13.934	4.645		1.572		16.329	5.443		1.555	
5	6.621		.200			6.193		.203		
	6.421		.200			5.990		.200		
	6.221		.400			5.790		.403		
	19.263	6.421		1.972		17.973	5.991		1.956	
		22.133					33.528			

F.B. 2828 PG. 121

FORM 379 5M 7-40

9-6-61

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
700 HALL OF RECORDS

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

DO NOT EXTEND NOTES THIS SIDE OF THIS LINE

Chief of Party: F.E. Brooks
Notes by: F.E.B.
Weather: Cloudy
Time: 13:20 - 13:50
Inst. No.: 15066
Rod No.: 31-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: BMB-24B To: BMB-25A
Date: 19 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.044	22.133	.196	1.972		5.453	33.528	.195	1.958	
	4.847		.198			5.258		.197		
	4.649		.394			5.061		.392		
	14.540	4.847		2.366		15.772	5.257		2.350	
7	5.807		.119			4.010		.150		
	5.688		.119			3.860		.150		
	5.569		.238			3.710		.300		
	17.064	5.688		2.604		11.580	3.860		2.650	
8	11.081		.046			3.798		.041		BM 8-25A
	11.035		.045			3.757		.043		Spring St. and Coyote Creek
	10.990		.091			3.714		.084		See F.B. 2828-12
	33.106	11.035		2.695		11.269	3.756		2.734	
										Summation of Run
										From BMB-24B
										To BMB-25A
						Back sight Stadia =			2.695	Total Back sights = + 43.703
						Fore sight " =			2.734	" Fore sights = - 46.401
						Total " =			5.429	diff. elev. = - 2.698
									= .31 mi.	
		43.703					46.401			

F.B. 2828 PG. 12B

76P526-CE 379—10-57

PLEASE RETURN TO
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700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:55- Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM B-25A To BM B-24B.
Date 19 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.881		.047			11.157		.043		BM B-25A
	3.834		.045			11.114		.045		Spring St. and Coyote Creek
1	3.789		.092			11.069		.088		See F.B. 2828-12
	11.504	3.835		.092	84°	33.340	11.113		.088	
	4.039		.147			5.848		.121		
	3.892		.144			5.727		.122		TT Turn
2	3.748		.291			5.605		.243		
	11.679	3.893		.383		17.180	5.727		.331	
	5.628		.188			5.227		.202		
	5.440		.192			5.025		.202		
3	5.248		.380			4.823		.404		
	16.316	5.439		.763		15.075	5.025		.735	
	6.161		.190			6.611		.210		
	5.971		.189			6.401		.211		
4	5.782		.379			6.190		.421		
	17.914	5.971		1.142		19.202	6.401		1.156	
	5.597		.208			4.802		.210		
	5.389		.205			4.592		.209		
5	5.184		.413			4.383		.419		
	16.170	5.390		1.655		13.777	4.592		1.575	
		24.528					32.858			

F.B. 2828 P.G. 129

76P526-CE 379—10-57

⑥ 9-6-61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:55- 14:25 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-25A To BM 8-24B
Date 19 Sept 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	5.444	24.528	.203	1.555		5.850	32.858	.204	1.575	
	5.241		.204			5.646		.205		
	5.037		.407			5.441		.409		
	15.722	5.241		1.962		16.937	5.646		1.984	
7	6.136		.205			2.490		.183		
	6.931		.201			2.307		.185		
	5.730		.406			2.122		.368		
	17.797	5.932		2.368		6.919	2.306		2.352	
8	11.513		.167			3.730		.187		BM 8-24B
	11.346		.169			3.543		.185		Norwalk Blvd and Coyote Creek
	11.177		.336			3.358		.372		See F.B. 2828-17
	34.036	11.345		2.704		10.631	3.544		2.724	
F.B. 1848 P.G. 130										Summation of Run From BM 8-25A To BM 8-24XB
						Backsight Stad. a = 2.704				Total Backsights = + 47.046
						Foresight " = 2.724				" Foresights = - 44.354
						Total " = 5.428				diff elev. = + 2.692
						= .34 mi.				
	47.046					44.354				

76P526-CE 379—10-57

B 9-6-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: F.E.B. Time: 10:00 - 10:10 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BM 8-25A To: BM 8-26A
Date: 20 Sept 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.258		.187			5.478		.186		BM 8-25A
	6.071		.187			5.292		.184		Spring St & Coyote Creek
1.	5.884		.374 ✓			5.108		.370 ✓		See FB 2828-12
	18.213	6.071		.374 ✓		15.878	5.293		.370 ✓	
	3.702		.081			4.734		.079		BM 8-26A
	3.621		.081 ✓			4.705		.078 ✓		Spring St & Coyote Creek
2.	3.540		.162			4.627		.157 ✓		See FB 2828-12
	10.863	3.621		.536 ✓		14.116	4.705		.527 ✓	
										T LeCount
										Summation of Run
										From 8-25A
										to 8-26A
										total Backsights + 9.692
										" Foresights - 9.998
										diff clev - .306 ✓
										Backsight Stadia = + .536
										Foresight " = - .527 ✓
										total = .009 ✓
		9.692 ✓					9.998 ✓			

F.B. 2820 P.G. 131

76P526-CE 379—10-57

@ 7-6-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E. B Time 11:10 - 11:15 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-26A To BMB-25A
Date 20 Sept 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4.745		.078			3.666		.083		BM B-26A
	4.667		.079			3.583		.082		Spring St & Coyote Creek
	4.588		.157			3.501		.165		See FB 2828-12
	14.000	4.667		.157		10.750	3.583		.165	" Le Claire
2	5.460		.185			6.238		.186		BMB-25A
	5.275		.184			6.052		.184		Spring St & Coyote Creek
	5.091		.369			5.868		.370		See FB 2828-12
	15.826	5.275		.526		18.158	6.053		.535	
										Summation of Run From BM 8-26A to BM 8-25A
										total Backsights = + 9.942
										" Foresights = - 9.636
										diff Elev = + 0.306
										Backsights Stadia = .526
										Foresights " = .535
										total 1.061
										.006
		9.942					9.636			

F.B. 2828 PG. 132

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: F.E.B. Time: 10:10 - 10:30 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BMB-26A To: BM B-27
Date: 20 Sept 1960
Indexed: H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.468		.186			9.715		.186		BMB-26A
	2.282		.183			9.529		.184		Spring Street & Coyote Creek
1	2.099		.369			9.345		.370		See FB 282B-12
	6.849	2.283		.369	78°	28.589	9.520		.370	
	1.424		.186			7.938		.187		
	1.238		.186			7.751		.184		
2	1.052		.372			7.567		.371		
	3.714	1.238		.741		23.256	7.752		.741	
	4.519		.186			4.652		.184		
	4.333		.183			4.468		.187		
3	4.150		.369			4.281		.371		
	13.002	4.334		1.110		13.401	4.467		1.112	
	4.750		.185			4.658		.185		
	4.565		.186			4.473		.182		
4	4.379		.371			4.291		.367		
	13.694	4.565		1.481		13.422	4.474		1.479	
	4.931		.181			5.111		.184		
	4.750		.183			4.927		.182		
5	4.567		.364			4.745		.366		
	14.248	4.749		1.845		14.783	4.928		1.845	
	17.169					31.151				

F.B. 282B P.G. 133

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:10 - 10:30 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-26A To BM 8-27
Date 20 Sept 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5.592	17.169	.182	1.845		5.192	31.151	.184	1.845	T LeCault
	5.410		.183			5.008		.184		
	5.227		.365			4.824		.368		
	16.229	5.470		2.210		15.024	5.008		2.213	
7	5.600		.120			5.757		.120		BM 8-27 Spring St & Pioneer Blvd See FB 1209-25
	5.480		.120			5.637		.124		
	5.360		.240			5.513		.244		
	16.440	5.480		2.450		16.907	5.636		2.457	
										Summation of Run From BM 8-26A to BM 8-27
										total BACKSIGHTS = +28.059
										" FORESIGHTS = -41.795
										diff Elev -13.736
										BACKSIGHTS Stadia: 2.450
										FORESIGHTS " = -2.457
										total = 4.907
										0.031
	28.059					41.795				

F.B. 2828 P.G. 134

76P526-CE 379---10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks Weather: Sunny Inst. No.: 16066
Notes by: F.E.B. Time: 10:45 - 11:10 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-27 To: BM 8-26A
Date: 20 Sept 60
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.701		.121			5.542		.121		BM 8-27
	5.580		.121			5.421		.120		Spring St. and Pioneer Blvd
1	5.459		.242			5.301		.241		See F.B. 1209-25.
	16.740	5.580		.242	80°	16.264	5.421		.241	
	5.162		.184			5.563		.183		T LeGault
	4.978		.185			5.380		.182		
2	4.793		.369			5.198		.365		
	14.933	4.978		.611		16.141	5.380		.606	
	5.169		.185			4.983		.182		
	4.984		.182			4.801		.182		
3	4.802		.364			4.619		.364		
	14.955	4.985		.978		14.403	4.801		.970	
	5.449		.185			5.543		.185		
	5.264		.185			5.358		.183		
4	5.079		.370			5.175		.368		
	15.792	5.264		1.348		16.076	5.359		1.338	
	5.123		.183			4.991		.187		
	4.940		.187			4.804		.184		
5	4.753		.370			4.620		.371		
	14.816	4.939		1.718		14.415	4.805		1.709	
		25.746					25.766			

F.B. 2578 P.G. 135

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 10:45- 11:10 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-27 To BM 8-26A
Date 20 Sept 1960
Indexed H.E.Ott

Number of Station	BACKSIGHT Thread 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	7.966	25.746	.186	1.718		1.460	25.766	.189	1.709	
	7.780		.183			1.271		.186		
	7.597		.369			1.085		.375		
	23.343	7.781		2.087		3.816	1.272		2.084	
7	9.728		.187			2.475		.184		BM 8-26A.
	9.541		.183			2.291		.186		Spring St. and Coyote Creek
	9.358		.370			2.105		.370		see F.B. 2828-12
	28.627	9.542		2.457		6.871	2.290		2.454	
										Summation of Run From BM 8-27 To BM 8-26A
										Total Backsights = + 43.069
										" Foresights = - 29.328
										diff. elev. = + 13.741
										Backsight Stadia = 2.457
										Foresight " = 2.454
										Total " = 4.911
										= ~~.28~~ mi. 0.31
		43.069					29.328			

F.B. 2828 PG. 136

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: FE Brooks Weather: Sunny Inst. No.: 15066
Notes by: F.E.B. Time: 10:35 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-27 To: BM 8-28
Date: 20 Sept 1960
Indexed: H. E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.088		.104			4.373		.113		BM 8-27
	3.984		.103			4.260		.112		Spring St. and Pioneer Blvd
	3.881		.207			4.148		.225		see F.B. 1209-25
	11.953	3.984		.207	20°	12.781	4.260		.225	
										BM 8-28 (U.S. 3911)
										see description above
										T. LeGault
										Summation of Run
										From BM 8-27
										To BM 8-28
										Total Backsights = + 3.984
										" Fore sights = - 4.260
										diff elev. = - 0.276
										Backsight Stadia = .207
										Foresight " = .225
										Total " = .432
				431						= .02 mi.

F.B. 4028 P.G. 177

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 1506
Notes by F.E.B. Time 10:35 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-28 To BM 8-27
Date 20 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.334		113			4.047		.104		BM 8-28 (U.S. 3911)
	4.221		.113			3.943		.103		Spring St. and Pioneer Blvd
	4.108		226			3.840		.207		see F.B. 1209-25
	12.663	4.221		.226		11.830	3.943		207	
										BM 8-27
										see description above
										T LeGault
										summation of Run
										From BM 8-28
										To BM 8-27
										Total Backsights = + 4.221
										" Foresights = - 3.943
										diff. elev = + 0.278
										Backsight stadia = 226
										Foresight " = 207
										Total " = 433
										= .082 mi

F.B. 2028 P.G. 1B

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: F. E. B. Time: 11:25 - 13:25 Rod No.: 31-32

Name: L.A. Co. Precise Lev. Net
Job No.: 0301.02
From: BM 8-28 To: BM 8-29A
Date: 20 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.003		.183			7.680		.186		B.M 8-28 (U.S. 5911)
	7.820		.183			7.494		.184		Spring St. and Pioneer Blvd
	7.637		.366			7.310		.370		see F.B. 1209-25
	23.460	7.820		.366	76°	22.484	7.495		.370	
2	4.538		.186			5.337		.185		T LeGault
	4.352		.182			5.152		.181		
	4.170		.368			4.971		.366		
	13.060	4.353		.734		15.460	5.153		.736	
3	5.258		.183			5.048		.183		
	5.075		.180			4.865		.181		
	4.895		.363			4.684		.364		
	15.228	5.076		1.097		14.597	4.866		1.100	
4	5.271		.180			4.737		.182		
	5.091		.180			4.555		.183		
	4.911		.360			4.372		.365		
	15.273	5.091		1.457		13.664	4.555		1.465	
5	5.277		.173			5.601		.180		
	5.104		.171			5.421		.181		
	4.933		.344			5.240		.361		
	15.314	5.105		1.801		16.262	5.421		1.826	
		27.445					27.490			

F.B. 1209 P.G. 139

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25 - 13:25 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-28 To BMB-29A
Date 20 Sept 1960
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
✓	4.838	27.445	.187	1.801		4.278	27.490	.176	1.826 ✓	
	4.651		.187			4.102		.177		
6	4.464		.374 ✓			3.925		.353 ✓		
	13.953	4.651		2.175 ✓		12.305	4.102		2.179 ✓	
	4.239		.184			4.698		.180		
	4.055		.184			4.518		.180 ✓		
7	3.871		.368 ✓			4.338		.360		
	12.165	4.055		2.543 ✓		13.554	4.518		2.539 ✓	
	5.243		.184			4.725		.184		1 hr. for lunch
	5.059		.184			4.541		.182 ✓		
8	4.875		.368			4.359		.366		
	15.177	5.059		2.91N		13.625	4.542		2.905 ✓	
	7.300		.182			2.031		.183		
	7.118		.186			1.848		.181 ✓		
9	6.932		.368			1.667		.364		
	21.350	7.117		3.279 ✓		5.546	1.849		3.269 ✓	
	8.930		.185			2.508		.185		
	8.745		.184			2.323		.183 ✓		
10	8.561		.369			2.140		.368		
	26.236	8.745		3.648 ✓		6.971	2.324		3.637 ✓	
	57.072 ✓					44.825 ✓				

F.B. 2828 P.G. 140

76P526-CE 379---10-57

9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25 - 13:25 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-28 To BM 8-29A
Date 20 Sept 1960
Indexed H. E. Oh

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.699	57.072	.131	3.648		3.146	44.825	.133	3.637	BM 8-29A.
	6.568		.130			3.013		.133		Spring St. and San Gabriel River
11	6.438		.261			2.880		.266		see F.B. 1209-267
	19.705	6.568		3.909		9.039	3.013		3.903	
										Summation of Run
										From BM 8-28
										To BM 8-29A
										Total Backsights = + 63.640
										" Foresights = - 47.838
										diff elev. = + 15.802
										Backsight stadia = 3.909
										Foresight " = 3.903
										Total " = 7.812
										= .48 m.
	63.640					47.838				

F.B. 1209 P.G. 141

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks Weather: Sunny Inst. No. 15066
Notes by: F E B Time: 13:25 - 14:00 Rod No. 31-32

Name: L.A. Co. Precise Level Nat
Job No.: 0301.02
From: BM 8-29A To: BM 8-28
Date: 20 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.113		.131			6.666		.133		BM 8-29A
	2.982		.132			6.533		.130		Spring St. and San Gabriel River
1	2.850		.263			6.403		.263		see F.B. 1209 - 267
	8.945	2.982		.263	80°	19.602	6.534		.263	
	2.468		.186			8.889		.185		π LeGault
	2.282		.183			8.704		.184		
2	2.099		.369			8.520		.369		
	6.849	2.283		.632		21.113	8.704		.632	
	2.027		.184			7.294		.183		
	1.843		.183			7.111		.185		
3	1.660		.367			6.926		.368		
	5.530	1.843		.999		21.331	7.110		1.000	
	4.819		.182			5.341		.184		
	4.637		.186			5.157		.186		
4	4.451		.368			4.971		.370		
	13.907	4.636		1.367		15.469	5.156		1.370	
	5.313		.180			4.853		.182		
	5.133		.177			4.671		.184		
5	4.956		.357			4.487		.366		
	15.402	5.134		1.724		14.011	4.670		1.736	
		16.878					32.174			

F.B. 2828 P.G. 142

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:25 - 14:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-29A To BM 8-28
Date 20 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4.560	16.878	.183	1.724		5.110	32.174	.181	1.736	
	4.377		.181			4.929		.180		
	4.196		.364			4.749		.361		
	13.133	4.378		2.088		14.788	4.929		2.097	
7	5.473		.181			5.148		.174		
	5.292		.180			4.974		.172		
	5.112		.361			4.802		.346		
	15.877	5.292		2.449		14.924	4.975		2.443	
8	4.681		.182			5.218		.180		
	4.499		.180			5.038		.179		
	4.319		.362			4.859		.359		
	13.499	4.500		2.811		15.115	5.038		2.802	
9	4.681		.181			4.888		.180		
	4.500		.181			4.708		.181		
	4.319		.362			4.527		.361		
	13.500	4.500		3.173		14.123	4.708		3.163	
10	5.023		.184			4.231		.186		
	4.839		.182			4.045		.184		
	4.657		.366			3.861		.370		
	14.519	4.840		3.539		12.137	4.046		3.533	
		40.388					55.870			

F.B. 2828 P.G. 143

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E. B. Time 13:25 - 14:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-29A To BM 8-28
Date 20 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.630	40.388	.187	3.539		7.952	55.870	.184	3.533	BM 8-28
	7.443		.183			7.768		.186		Spring St and Pioneer Blvd.
11.	7.260		.370			7.582		.370		See F.B. 1209-25
	22.333	7.444		3.909		23.302	7.767		3.903	
										Summation of Run From BM 8-29A To BM 8-28
										Total Back sights = + 47.832 " Fore sights = - 63.637 diff. elev = -15.806
										Back sight stadia = 3.909 Fore sight " = 3.903 Total " = 7.812 = .459
		47.832					63.637			

F.B. 2828 P.G. 144

76P526-CE 379—10-57

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Chief of Party: F.E. Brooks Weather: Overcast Inst. No.: 15066
Notes by: F.E.B. Time: 8:55 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-29A To: BM 8-30A
Date: 21 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.011		.185			7.727		.191		BM 8-29A
	5.826		.186			7.536		.190		Spring St & SAN GABRIEL RIVER
	5.640		.371			7.346		.381		See FB 1209-267
	17.477	5.826		.371		22.609	7.536		.381	T Work man
										BM 8-30A
										Spring & SAN GABRIEL RIVER
										See FB 1209-267
										Summation of Run
										From BM 8-29A
										to BM 8-30A
										TOTAL BACKSIGHTS +5.826
										" FORESIGHTS -7.536
										DIFF ELEV -1.710
										BACKSIGHT STADIA = 371
										FORESIGHT " = 381
										TOTAL = 752
										.04

F.B. 2828 P.G. 145

76P526-CE 379—10-57

@ 9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. BROOKS Weather INCLEAR Inst. No. 45066
Notes by FEB Time 9:00 9:15 Rod No. 31-32

Name LA Co Precise Level Net
Job No. 0301.02
From BM 8-30A To BM 8-29A
Date 21 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.749		.190			6.033		.187		BM 8-30A
	7.559		.191 ✓			5.846		.185 ✓		Spring St East of San Gabriel River
	7.368 ✓		381			5.661		.372		See FB 1209-267
	22.676	7.559		381 ✓		17.540 ✓	5.847		372 ✓	~~A Workman~~
										BM 8-29A
										Spring St East of San Gabriel River
										See FB 1209-267
										Summation of Run
										From BM 8-30A
										to BM 8-29A
										total Backsights + 7.559
										" Foresights - 5.847 ✓
										diff Elev + 1.712
										Backsight Station 381
										Foresight " 372 ✓
										total 753
										.04 ✓

F.B. 2028 P.G. 146

76P526-CE 379—10-57

09-16

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: overcast Inst. No.: 15066
Notes by: F.E.B. Time: 9:10 - 9:15 Rod No.: 31-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: BM B-30A To: BM B-30
Date: 21 Sept 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.083		.078			9.840		.078		BM B-30A
	4.005		.079			9.762		.074		Spring S of San Gabriel River
1	3.926		.157			9.688		.152		See FB 1209-267
	12.014	4.005		.157	70°	29.290	9.763		.152	
	1.650		.102			9.233		.105		Summation of Rods
	1.548		.105			9.128		.105		From BM B-30A
2	1.443		.207			9.023		.210		to BM B-30
	4.641	1.547		.364		27.384	9.128		.362	
	4.852		.068			5.238		.057		BM B-30
	4.784		.067			5.181		.058		Spring S of San Gabriel River
3	4.717		.135			5.123		.115		See FB 1209-27
	14.353	4.784		.499		15.542	5.18		.477	
										total BACKSIGHTS = + 10.336
										" FORESIGHTS = - 24.072
										DIFF ELEV - 13.736
										Back-sight stadia 499
										Foresight " 477
										total 976
										.01
		10.336					24.072			

FB 2828 PG. 149

76P526-CE 379—10-57

C 9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: FE Brooks Weather: Overcast Inst. No.: 15066
Notes by: F E B. Time: 9:20 - 9:30 Rod No.: 31 - 32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-30 To: BM 8-30A
Date: 21 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.232 5.175 5.119 15.526	5.175	.057 .056 .113	.113	70°	4.844 4.775 4.706 14.325	4.775	.069 .069 .138	.138	BM 8-30 Spring St & San Gabriel River See FB 1209-27 π Workman
2	9.308 9.203 9.100 27.611	9.204	.105 .103 .208	.321		1.726 1.625 1.526 4.877	1.626	.101 .099 .200	.338	
3.	9.910 9.832 9.752 29.494	9.831	.078 .080 .158	.479		4.149 4.071 3.995 12.215	4.072	.078 .076 .154	.492	BM 8-30A Spring St & San Gabriel River See FB 1209-267
F.B. 1828 PG. 148										Summation of Run From BM 8-30 to BM 8-30A
					Backsight Station Foresight " total			= 479 492 971 .06		total Backsights + 24210 " Foresights - 10478 Diff Elev + 13.731
	24210					10478				

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by FEB Time 9:35 - 9:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 8-30 To BM 8-31A
Date 21 Sept 1965
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.232		.057			4.844		.069		BM 8-30
	5.175		.056			4.775		.069		Spring St & San Gabriel River
1	5.119		.113			4.706		.138		SCCFB 1209-27
	15.526	5.175		.113	70°	14.325	4.775		.138	
	9.308		.105			1.726		.101		T Workman
	9.203		.103			1.625		.099		SUMMATION of ROW
2	9.100		.208			1.526		.200		FROM BM 8-30
	27.611	9.204		.321		4.877	1.626		.338	to BM 8-31A
	11.676		.157			10.989		.142		total Backsights = + 33.400
	11.519		.159			10.847		.179		" Foresights = - 28.417
3	11.360		.316			10.108		.281		DIFF Elev = + 4.983
	34.555	11.518		.637		30.744	10.248		.619	
	7.608		.106			11.873		.105		BM 8-31 A.
	7.502		.104			11.768		.105		Spring St & San Gabriel River
4	7.398		.210			11.663		.210		SCCFB 1209-267
	22.508	7.503		.847		35.304	11.768		.829	
										Backsight Station = 847
										Foresight " = 829
										total = 16 76
										0.18
		33.400					28.417			

F.B. 2828 P.G. 149

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76P526-CE 379—10-57

D 9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks
Notes by: FEB
Weather: overcast
Time: 9:50 - 10:00
Inst. No.: 15066
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-31A To: BM 8-30
Date: 21 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	11.915 11.810 11.705		.105 .105 .210			7.649 7.542 7.438		.107 .104 .211		BM 8-31A Spring St & San Gabriel River Sec FB 1209-267 Workman
	35.430	11.810		.210	70°	22.629	7.543		.211	
2	10.620 10.478 10.332		.142 .146 .288			11.903 11.748 11.590		.155 .158 .313		Summation of Run From BM 8-31A To BM 8-30
	31.430	10.477		.498		35.241	11.747		.524	
3	1.259 1.159 1.060		.100 .099 .199			8.832 8.737 8.640		.095 .097 .192		total Backsights = + 28.134 " Foresights = - 33.113 Diff Elev = - 4.979
	3.478	1.159		.697		26.209	8.736		.716	
4	4.760 4.688 4.617		.072 .071 .143			5.142 5.087 5.032		.055 .055 .110		BM 8-30 Spring St & San Gabriel River Sec FB 1209-27
	14.065	4.688		.840		15.261	5.087		.826	
										Backsight Sta Lin = .840 Foresight " = .826 total = 1.666 0.10
		28.134					33.113			

F.B. 2828 P.G. 150

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Overcast Inst. No. 15066
Notes by: A.R. Workman Time: 10:15 10:45 Rod No. 31-32

Name: L.A.Co Precise Level Net
Job No. 0301.02
From: BM 8-31A To: BM 8-32
Date: 21 Sept 1960
Indexed: H.E.Ott

Number of Station	BACKSIGHT Thread 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	1370		.075		72°	11953		.075		BM 8-31A
	1295		.075 ✓			11878		.075 ✓		Spring St & Garfield Ave
	1220		.150			11803		.150		See FB 1209-267
	3885	1295		.150 ✓		35634	11878		.150 ✓	
2	5738		187			5287		187		T LeGault
	5551		185 ✓			5100		184 ✓		
	5366		.372			4916		.371		
	16655	5551		.522 ✓		15303	5101		.521 ✓	
3	5661		186			5301		186		
	5475		184 ✓			5115		185		
	5291		370			4930		371		
	16427	5475		.892 ✓		15346	5115		.892 ✓	
4	5510		187			5177		186		
	5323		185 ✓			4991		183 ✓		
	5138		372			4808		369		
	15971	5323		.1264 ✓		14976	4992		.1261 ✓	
5	5550		188			5190		186		
	5362		184 ✓			5004		184 ✓		
	5178		372			4820		370		
	16090	5363		.1636 ✓		15014	5004		.1631 ✓	
			23.007 ✓					32.090 ✓		

F.B. 2028 P.G. 151

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. BROOKS Weather Overcast Inst. No. 15066
Notes by A.R. WORKMAN Time 10:15 10:45 Rod No. 31832

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-31A To BM 8-32
Date 21 Sept. 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread 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	5583	23.007	188	1636	72°	5041	32.090	186	1631	
	5395		186			4855		184		
	5209		374			4671		370		
	16187	5395		2010		14567	4855		2001	
7	4422		185			5328		185		
	4237		186			5143		181		
	4051		371			4962		366		
	12710	4236		2381		15434	5144		2367	
8	6870		168			4122		172		BM 8-32 (US 390B)
	6702		165			3950		172		Studebaker & Spring St
	6537		333			3778		344		see FB 1209-28
	20109	6703		2714		11850	3950		2711	
										SUMMATION of RUN FROM BM 8-31A to BM 8-32
						BACKSIGHT STADIA = 2714				total BACKSIGHTS = +39.341
						FORESIGHT " = 2711				" FORESIGHTS = -46.039
						total = 5425				DIFF ELEV = -6.698
						0.31				.700
	39.341					46.039				
						41				

F.B. 2826 P.G. 152

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by A.R. Workman Time 10:45 11:05 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-32 To BM 8-31A
Date 21 Sept. 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	4133		172		72°	6881		166		BM 8-32
	3961		170			6715		166		Studebaker Rd & Spring St
	3791		342			6549		332		See FB 1209-28
	11885 3961			342		20145 6715			332	
2	5378		183			4472		184		T LeGault
	5195		184			4288		187		
	5011		367			4101		371		
	15584 5194			709		12861 4287			703	
3	4998		186			5538		188		
	4812		182			5350		189		
	4630		368			5161		377		
	14404 4813			1077		16049 5349			1080	
4	5289		187			5648		187		
	5102		184			5461		184		
	4918		371			5277		371		
	15309 5103			1448		16386 5462			1451	
5	5211		183			5549		189		
	5028		186			5360		185		
	4842		369			5175		374		
	15081 5027			1817		16084 5361			1825	
	24.098					27.174				

F.B. 2828 P.G. 153

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Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by A.R. Workman Time 10:45 11:05 Rod No. 31 + 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-32 To BM 8-31A
Date 21 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5367	24.098	187	1817	72°	5728	27.174	187	1825	
	5180		184			5541		184		
	4996		371			5357		371		
	15543	5181		2188		16626	5542		2196	
7	5407		186			5859		188		
	5221		185			5671		187		
	5036		371			5484		375		
	15664	5221		2559		17014	5671		2571	
8	11981		.075			1399		.076		BM 8-31-A
	11906		.076			1323		.074		Spring St & San Gabriel River
	11830		.151			1249		.150		See FB 1209-267
	35717	11905		2710		3971	1323		272	
										Summation of Run From BM 8-32 to BM 8-31A
						Backsight Stadia = 2710				total Backsights = + 46.406 7
						Foresight " = 2721				" Foresights = - 39.710 2
						total 5431				diff Elev = + 6.695
						03				
		46.406 7					39.710 2			

F.B. 2828 P.G. 154

76P526-CE 379—10-57

① 9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by F.E.B. Time 11:15 - 11:25 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-32 To BM 8-33
Date 21 Sept 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.543 4.358 4.170		.185 .188 .373			5.815 5.628 5.440		.187 .188 .375		BM 8-32 Studebaker Road & Spring St See FB 1209-28
	13.071	4.357		.373	72°	16.883	5.628		.375	
2	5.384 5.200 5.013		.184 .187 .371			5.170 4.983 4.798		.187 .185 .372		T LeGault Summation of Run From BM 8-32 To BM 8-33
	15.597	5.199		.744		14.951	4.984		.947	
3	5.207 5.022 4.840		.185 .182 .367			5.619 5.435 5.252		.184 .183 .367		Total Backsights = + 19.690 " Foresights = - 22.290 diff elev. = - 2.400
	15.069	5.023		1.111		16.306	5.435		1.114	
4	5.357 5.311 5.266		.046 .045 .091			6.288 6.243 6.199		.045 .044 .089		BM 8-33 Studebaker Rd & Spring St See FB 1209-28.
	15.934	5.311		1.202		18.730	6.243		1.203	
										Back sight stadia = 1.202 Fore sight " = 1.203 Total " = 2.405 = 0.1 m.
	19.890					22.290				

F.B. 2828 P.G. 155

5

76P526-CE 379—10-57

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@ 9-7-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: FE Brooks
Notes by: FEB.
Weather: Overcast
Time: 11:25-11:40
Inst. No.: 15066
Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BM 8-33 To: BM 8-32
Date: 21 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.260		.044			5.330		.046		BM 8-33
	6.216		.045 ✓			5.284		.046 ✓		Studebaker Rd & Spring St
	6.171		.089			5.238		.092		See FB 1209-28
	18.647	6.216		.089 ✓		15.852	5.284		.092 ✓	T LeGault
2	5.661		.182			5.249		.181		
	5.479		.181 ✓			5.068		.183 ✓		summation of Run
	5.298		.363			4.885		.364		From BM 8-33
	16.438	5.479		.452 ✓		15.202	5.067		.456 ✓	To BM 8-32
3	5.065		.186			5.261		.187		Total Backsights = + 22.192
	4.879		.188			5.094		.186 ✓		" Foresights = - 19.796
	4.691		.374 ✓			4.908		.373		diff elev. = + 2.396 ✓
	14.635	4.878		.826 ✓		15.283	5.094		.829 ✓	
4	5.806		.186			4.538		.188		BM 8-32
	5.620		.189 ✓			4.350		.187 ✓		Studebaker Road & Spring St
	5.431		.375			4.163		.375		See FB 1209-28
	16.857	5.619		1.201 ✓		13.051	4.350		1.204 ✓	
										Back sight Stadia = 1201
										Foresight " = 1204
										Total " = 2405 ✓
										0.1241
		22.192 ✓					19.796 ✓			

F.B. 1028 PG. 156

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 13:00 – 13:30 Rod No. 31432

Name: L.A.Co. Precise Level Jet
Job No. 050102
From: BMB-33 To: BMB-34
Date: 21 Sept 1960
Indexed: H.E.O.M.

Number of Station	BACKSIGHT Thread 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	6.368		.185			5.029		.185		BM 8-33
	6.183		.182			4.844		.186		Studebaker Rd & Spring St
	6.001		.367			4.658		.371		See FB 1209 – 28
	18.552	6.184		.367	78°	14.531	4.844		.371	
2	5.462		.183			5.807		.186		π LeGault
	5.279		.184			5.621		.182		
	5.095		.367			5.439		.368		
	15.836	5.279		.734		16.867	5.622		.739	
3	4.952		.184			5.322		.183		
	4.768		.186			5.139		.182		
	4.582		.370			4.957		.365		
	14.302	4.767		1.104		15.418	5.139		1.104	
4	4.860		.184			5.320		.188		
	4.676		.185			5.132		.185		
	4.491		.369			4.947		.373		
	14.027	4.676		1.473		15.399	5.133		1.477	
5	4.927		.184			5.691		.185		
	4.741		.183			5.506		.186		
	4.558		.367			5.320		.371		
	14.226	4.742		1.840		16.517	5.506		1.848	
		25.648					26.244			

F.B. 1628 P.G. 157

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E.E. Brooks Weather Sunny Inst. No. 15066
Notes by FEB. Time 13:00 - Rod No. 31432

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-33 To BMB-34
Date 21 Sept 1960
Indexed H.E. On

Number of Station	BACKSIGHT Thread 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	5.677	25.648	.186	1.840		4.648	26.244	.187	1.848	
	5.491		.184			4.461		.183		
	5.307		.370			4.278		.370		
	16.475	5.492		2.210		13.387	4.462		2.218	
7	5.835		.186			4.642		.187		
	5.649		.189			4.455		.190		
	5.460		.375			4.265		.377		
	16.944	5.648		2.585		13.362	4.454		2.595	
8	5.563		.187			5.218		.187		
	5.376		.186			5.031		.187		
	5.190		.373			4.844		.374		
	16.129	5.376		2.958		15.093	5.031		2.969	
F.B. 2828 P.G. 158 9	5.639		.187			5.199		.186		
	5.452		.183			5.013		.184		
	5.269		.370			4.829		.370		
	16.360	5.453		3.328		15.041	5.014		3.339	
10	5.223		.112			5.053		.112		
	5.211		.111			4.941		.112		
	5.100		.223			4.829		.224		
	15.634	5.211		3.551		14.823	4.941		3.563	
		52.828					50.146			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks Weather: Sunny Inst. No.: 15066
Notes by: F E B Time: 13:00 - 13:30 Rod No.: 31-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: BM 8-33 To: BM 8-34
Date: 21 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.475	52.828	.125	3.551		6.294	50.146	.143	3.563	BM 8-34
	5.350		.121			6.151		.141		Spring St & Palo Verde Ave
11	5.229		.246			6.010		.284		See FB 1209-29
	16.054	5.351		3.797		18.455	6.152		3.847	
										Summation of Run From BM 8-33 to BM 8-34
										total Backsights = +58.179
										" Foresights = -56.298
										Diff in Elev = +1.881
										Backsight Stadia = 3797
										Foresight " = 3847
										total = 7644
										0.43 mi
										8
										8
	58.179					56.298				

FB 1209 P.G. 159

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: FE Brooks Weather: Sunny Inst. No. 15066
Notes by: FEB Time: 13:30 - 14:00 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BMB-34 To: BMB-37
Date: 21 Sept 1966
Indexed: H.E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.318		.145			5.495		.125		BMB-34
	6.173		.143			5.370		.121		Spring Stg Palo Verdes Ave
	6.030		.288			5.249		.246		See FB 1209-29
	18.521	6.174		.288	78°	16.114	5.371		.246	
2	5.152		.105			5.438		.119		T LeGault
	5.047		.107			5.319		.118		
	4.940		.212			5.201		.237		
	15.139	5.046		.500		15.958	5.319		.483	
3	5.185		.185			5.624		.186		
	5.000		.185			5.438		.187		
	4.815		.370			5.251		.373		
	15.000	5.000		.870		16.313	5.438		.856	
FB 2828 PG 160 4	5.161		.181			5.517		.189		
	4.980		.184			5.328		.190		
	4.796		.365			5.138		.379		
	14.937	4.979		1.235		15.983	5.328		1.235	
5	4.262		.184			5.450		.184		
	4.078		.187			5.266		.186		
	3.891		.371			5.080		.370		
	12.231	4.077		1.605		15.796	5.265		1.605	
		25.276					26.721			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: FEB Time: 13:30-14:00 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BM 8-34 To: BM 8-33
Date: 21 Sept 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.704	25.276	.184	1.606		5.739	26.721	.177	1.605	
	4.520		.182			5.552		.181		
6	4.338		.366			5.361		.358		
	13.562	4.521		1.972		16.652	5.551		1.963	
	5.673		.184			4.907		.187		
	5.489		.188			4.720		.188		
7	5.301		.372			4.532		.375		
	16.463	5.488		2.344		14.159	4.720		2.338	
	5.446		.186			4.989		.186		
	5.260		.187			4.803		.183		
8	5.073		.373			4.620		.369		
	15.779	5.260		2.717		14.412	4.804		2.707	
	5.420		.181			5.051		.186		
	5.239		.185			4.865		.185		
9	5.054		.366			4.680		.371		
	15.713	5.238		3.083		14.596	4.865		3.078	
	5.692		.184			5.349		.183		
	5.508		.186			5.166		.183		
10	5.322		.370			4.983		.366		
	16.522	5.507		3.453		15.498	5.166		3.444	
		51.290					51.827			

F.B. 1818 P.G. 161

76P526-CE 379—10-57

@ 9-7-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by FEB Time 13:30-14:00 Rod No. 31-32

Name L.A. Co Precise Level Net
Job No. 0301.02
From BMB-34 To BMB-33
Date 21 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	5.152	51.290	.184	3.453		6.488	51.827	.182	3.444	BMB-33
	4.968		.187			6.306		.184		Studebaker Rd & Spring St
	4.781		371			6.122		.366		See FB 1203-29
	14.901	4.967		3.824		18.916	6.305		3.810	
										Summation of Run From BMB-34 to BMB-33
										total Backsights = + 56.257
										" Foresights = - 58.132
										Diff Elev = - 1.875
										Backsight stadia = 3.824
										Foresight " = 3.810
										total = 7.634
										0.4341
										8
	56.257					58.132				

F.B. 2828 P.G. 162

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 8:40 - 9:45 Rod No. 31432

Name L.A. Co. Precise level Net
Job No. 0301.02
From BM 8-34 To BM 8-35
Date 22 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5390		180			5528		186		BM 8-34
	5210		180			5342		184		Spring St & Polo Verde Ave
	5030		360			5158		370		See FB 1209-29
	15630	5210		360	68°	16028	5342		370	
2	5945		185			5412		186		↑ Terrill
	5760		188			5226		185		
	5572		373			5041		371		
	17277	5759		733		15679	5226		741	
3	5932		183			5420		190		
	5749		186			5230		186		
	5563		369			5044		376		
	17244	5748		1102		15694	5231		1117	
4	5902		189			5328		186		
	5713		186			5142		183		
	5527		375			4959		369		
	17142	5714		1477		15429	5143		1486	
5	5598		190			5647		186		
	5408		188			5461		182		
	5220		378			5279		368		
	16226	5408		1855		16387	5462		1854	
		27.839					26.404			

F.B. 3322 P.G. 163

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 8:40 9:45 Rod No. 31432

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-34 To BM 8-35
Date 22 Sept. 1960
Indexed A. E. Ott

Number of Station	BACKSIGHT Thread 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	6110	27.839	187	1855	68°	6998	26.404	188	1854	
	5923		184			6810		187		
	5739		371			6623		375		
	17772	5924		2226		20431	6810		2229	
7	5507		187			5850		182		
	5320		187			5668		185		
	5133		374			5483		367		
	15960	5320		2600		17001	5667		2596	
8	6303		185			5092		184		
	6118		188			4908		184		
	5930		373			4724		368		
	18351	6117		2973		14724	4908		2964	
F.B. 1828 PG. 164 9	5452		112			6195		115		
	5340		110			6080		115		
	5230		222			5965		230		
	16022	5.341		3195		18240	6080		3194	
10	5909		187			5281		183		
	5722		183			5098		184		
	5539		370			4914		367		
	17170	5.723		3565		15293	5097		3561	
		56.264					54.966			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 8:40 - 9:45 Rod No. 31432

Name L.A. Co. Precise level Net
Job No. 030102
From BM 8-34 To BM 8-35
Date 27 Sept. 1960
Indexed B.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5908	56.264	187	3565 ✓	68°	5330	54.966	186	3561 ✓	
11	5721		184			5144		184		
	5537		371 ✓			4960		370 ✓		
	17166	5722		3936 ✓		15434	5144		3931 ✓	
	5870		149			5403		151		
12	5721		149			5252		148		
	5572		298 ✓			5104		299 ✓		
	17163	5721		4234 ✓		15759	5253		4230 ✓	
	6206		145			6061		148		
13	6061		143			5913		145		
	5918		288 ✓			5768		293 ✓		
	18185	6061		4522 ✓		17742	5914		4523 ✓	
	5536		186			5787		186		
14	5350		185			5601		186		
	5165		371 ✓			5415		372		
	16051	5350		4893 ✓		16803	5601		4895 ✓	
	5396		185			6861		184		
15	5211		184			6677		187		
	5027		369 ✓			6490		371 ✓		
	15634	5211		5262 ✓		20028	6676		5266 ✓	
		84.329					83.654			

F.B. 2328 P.G. 166

76P526-CE 379—10-57

(P) 9-7-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 8:40 9:45 Rod No. 31 & 32

Name L.A.Co. Precise level Net
Job No. 0301.02
From BM 8-34 To BM 8-35
Date 22 Sept. 1960
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5323	84.329	107	5262		6510	83.554	110	5266	
	5216		106			6400		110		
	5110		213			6290		220		
	15649	5216		5475		19200	6400		5486	BM 8-35
										SPRING ST & LOMITA AVE See FB 1205-30
										Summation of Run From BM 8-34 to BM 8-35
										total BACKSIGHTS = + 89.545 " FORESIGHTS = - 89.954 diff ELEV. = - 0.409
										BACKSIGHT STADIA = 5475 FORESIGHT " = 5486 total 10961 1.62 mi
		89.545					89.954			

F.B. 1828 PG. 166

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Workman Time 9:45 10:45 Rod No. 31432

Name L.A.Co. Precise level Net
Job No. 0301.02
From BM 8-35 To BM 8-34
Date 22 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6557		111		74°	5369		108		BM 8-35
	6446		110			5261		105		Spring St & Lomita Ave
	6336		221			5156		213		See FB 1209-30
	19339	6446		221		15786	5262		213	
2	6862		184			5397		187		π Terrill
	6678		187			5210		187		
	6491		371			5023		374		
	20031	6677		592		15630	5210		587	
3	5788		187			5538		187		
	5601		183			5351		184		
	5418		370			5167		371		
	16807	5602		962		16056	5352		958	
4	5988		145			6132		144		
	5843		144			5988		145		
	5699		289			5843		289		
	17530	5843		1251		17963	5987		1247	
5	5238		151			5706		151		
	5087		149			5555		160		
	4938		300			5405		301		
	15263	5087		1551		16666	5555		1547	
		29.655					27.366			

F.B. 28828 P.G. 167

76P326-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 9:45 10:45 Rod No. 31 & 32

Name L.A.Co. Precise level Net
Job No. 030102
From BM 35 To BM 34
Date 22 Sept. 1960
Indexed H.E. OT

Number of Station	BACKSIGHT Thread 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	5221	29.655	187	1551	74°	5799	27.366	189	1548	
	5034		185			5610		186		
	4849		372			5424		375		
	15104	5034		1923		16833	5611		1922	
7	5150		182			5782		188		
	4968		183			5594		186		
	4785		365			5408		374		
	14903	4967		2288		16784	5594		2296	
8	6109		114			5372		111		
	5995		114			5261		113		
	5881		228			5148		224		
	17985	5995		2516		15781	5260		2528	
9	4916		186			6128		187		
	4730		182			5941		186		
	4548		368			5755		373		
	14194	4731		2884		17824	5941		2893	
10	5692		182			5349		187		
	5510		182			5162		185		
	5328		364			4977		372		
	16530	5510		3248		15488	5162		3268	
		55.892					54.934			

F.B. 1525 P.G. 168

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 9:45 10:45 Rod No. 31432

Name L.A.Co. Precise level Net
Job No. 0301.02
From BM 8-35 To BM 8-34
Date 22 Sept. 1960
Indexed H.E. on

Number of Station	BACKSIGHT Thread 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	6810	55.892	188	3248	74°	5920	54.934	187	3265	
	6622		191			5733		185		
	6431		379			5548		372		
	19.863	6.621		3627		17201	5733		3637	
12	5425		187			5369		187		
	5238		189			5182		183		
	5049		376			4999		370		
	15712	5237		4003		15550	5183		4007	
13	5121		190			5690		187		
	4931		186			5503		188		
	4745		376			5315		375		
	14797	4932		4379		16508	5502		4382	
14	5208		186			5726		186		
	5022		190			5540		188		
	4832		376			5352		374		
	15062	5021		4755		16618	5539		4754	
15	5230		185			5767		185		
	5045		185			5582		186		
	4860		370			5396		371		
	15135	5045		5125		16745	5581		5128	
	82.748					82.472				

F.B. 4929 P.G. 169

76P526-CE 379—10-57

(R) 9-7-61

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700 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 F.E. Brooks Weather Sunny Inst. No. 15066
Notes by A.R. Workman Time 9:45 10:45 Rod No. 31+32

Name L.A.Co. Precise level Net
Job No. 0301.02
From BM 8-35 To BM 8-34
Date 22 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5318	82.748	188	5125	74°	5182	82.472	180	5127	BM 8-34
	5130		184			5002		180		Spring St & Palo Verde Ave
	4946		372			4822		360		See FB 1209-29
	15394	5131		5497		15006	5002		5487	
										summation of Run From BM 8-35 To BM 8-34
										Total Back sights = + 87.879 " Fore sights = - 87.474 diff. elev. = +0.405
										Back sight stadia = 5.497 Fore sight " = 5.488 Total " = 10.985 = .62 mi.
	87.879					87.474				

F.B. 1838 P.G. 170

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: sunny Inst. No. 15066
Notes by: FER Time: 11:00 – 11:25 Rod No. 31-32

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: BM 8-35 To: BM 8-36
Date: 22 Sept 1960
Indexed: H. E. OTT

Number of Station	BACKSIGHT Thread 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	6.169 5.983 5.799		.186 .184 .370			5.558 5.371 5.188		.187 .183 .370		BM 8-35 Spring St & Lomita Ave See FB 1209-30
	17.951	5.984		.370	76°	16.117	5.372		.370	
2	5.163 4.978 4.792		.185 .186 .371			5.404 5.220 5.035		.184 .185 .369		# Lomita
	14.933	4.978		.741		15.659	5.220		.739	
3	5.221 5.038 4.852		.183 .186 .369			5.078 4.892 4.709		.186 .183 .369		
	15.111	5.039		1.110		14.679	4.893		1.118	
4	5.579 5.392 5.207		.187 .185 .372			5.172 4.987 4.800		.185 .187 .372		
	16.178	5.393		1.482		14.959	4.986		1.480	
5	5.770 5.583 5.398		.187 .185 .372			4.775 4.591 4.405		.184 .186 .370		
	16.751	5.584		1.854		13.771	4.590		1.850	
	26.976					25.061				

F.B. 1209 P.G. 171

76P526-CE 379—10-57

(R) 9-7-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: FE Brooks Weather: Sunny Inst. No.: 15066
Notes by: FEB Time: 11:00 - 11:25 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BM 8-35 To: BM 8-36
Date: 22 Sept 1960
Indexed: H. E. on

Number of Station	BACKSIGHT Thread 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	5.293	26.976	.184	1.854		5.718	25.061	.187	1.850	
	6.109		.185			5.531		.188		
	4.924		.369			5.343		.375		
	15.326	5.109		2.223		16.592	5.531		2.225	
7	5.531		.154			6.659		.151		BM 8-36
	5.377		.157			6.508		.150		Spring St & Bellflower Blvd
	5.220		.311			6.358		.301		SCC FB 1209-31
	16.128	5.376		2.534		19.525	6.508		2.526	
										Summation of Run From BM 8-35 to BM 8-36
										total Backsights = + 37.461
										" Foresights = - 37.100
										diff Elev = + 0.361
										Backsight Stadia = 2534
										Foresight " = 2526
										total = 5060
										0.29
										0.32
		37.461					37.100			
		59								

F.B. 2828 P.G. 172

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: FEB Time: 11:25 - 11:50 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-36 To: B 48-35
Date: 22 Sept 1960
Indexed: H.E.O.M.

Number of Station	BACKSIGHT Thread 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	6.676 6.523 6.371		.153 .152	.305 ✓		5.547 5.391 5.235		.156 .156	.312 ✓	BM 8-36 Spring St & Bellflower Blvd See FB 1209-31
	19.570	6.523		.305 ✓	76°	16.173	5.391		.312 ✓	
2	5.731 5.543 5.358		.188 .185	.373 ✓		5.308 5.123 4.940		.185 .183	.368 ✓	π LeGault
	16.632	5.544		.678 ✓		15.371	5.124		.680 ✓	
3	4.664 4.480 4.293		.184 .187	.371 ✓		5.652 5.468 5.281		.184 .187	.371 ✓	
	13.437	4.479		1.049 ✓		16.401	5.467		1.051 ✓	
4	4.921 4.733 4.547		.188 .186	.374 ✓		5.331 5.142 4.957		.189 .185	.374 ✓	
	14.201	4.734		1.423 ✓		15.430	5.143		1.425 ✓	
5	4.958 4.772 4.588		.186 .184	.370 ✓		5.100 4.914 4.730		.186 .184	.370 ✓	
	14.318	4.773		1.793 ✓		14.744	4.915		1.795 ✓	
		26.053 ✓					26.040			

F.B. 1278 P.G. 173

76P526-CE 379—10-57

@ 9-7-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 11:25 - 11:50 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-36 To BMB-35
Date 22 Sept 1960
Indexed H.E.O.M.

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.335	26.053	.184	1.793		5.100	26.040	.187	1.795	
	5.151		.182			4.913		.183		
	4.969		.366			4.730		.370		
	15.455	5.152		2.159		14.743	4.914		2.165	
7	5.540		.187			6.148		.187		BM 8-35
	5.353		.183			5.961		.183		Spring St & Lomita St
	5.170		.370			5.778		.370		See FB 1209-30
	16.063	5.354		2.529		17.887	5.962		2.535	
										Summation of Run From BM 8-36 To BMB-35
										Total Back sights = + 36.559
										" Fore sights = - 36.916
										diff. elev = -0.357
										Back sight stadia = 2.529
										Fore sight " = 2.535
										Total " = 5.064
										= .29 mi.
		36.559					36.916			

F.B. 1209 P.G. 17

32

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:10 - 13:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-36 To BMB-37
Date 22 Sept 1960
Indexed M.E. OM

Number of Station	BACKSIGHT Thread 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	6.051		.174			5.456		.181		BMB-36
	5.877		.177			5.275		.180		Spring St & Bellflower Ave
	5.700		.351 ✓			5.095		.361 ✓		See FB 1209-31
	17.628	5.876		.351 ✓		15.826	5.275		.361 ✓	
2	4.741		.186			4.807		.187		T. LeGault
	4.555		.186			4.620		.187 ✓		
	4.369		.372 ✓			4.433		.374		
	13.665	4.555		.723 ✓		13.860	4.620		.735 ✓	
3	5.518		.187			5.151		.188		
	5.331		.188			4.963		.185		
	5.143		.375 ✓			4.778		.373 ✓		
	15.992	5.331		1.098 ✓		14.892	4.964		1.108 ✓	
4	5.581		.188			5.170		.187		
	5.393		.185			4.983		.183 ✓		
	5.208		.373 ✓			4.800		.370		
	16.182	5.394		1.471 ✓		14.953	4.984		1.478 ✓	
5	5.277		.186			5.511		.186		
	5.091		.185 ✓			5.325		.186 ✓		
	4.906		.371			5.139		.372		
	15.274	5.091		1.842 ✓		15.975	5.325		1.850 ✓	
	26.247					25.168				

F.B. 1209 P.G. 175

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: FEB Time: 13:10 – 13:55 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BM B-36 To: BM B-37
Date: 22 Sept 1960
Indexed: H. E. On

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	8.152	26.247	.188	1.842		5.931	25.168	.186	1.850	
	7.964		.191			5.751		.184		
	7.773		.379			5.567		.370		
	23.889	7.963		2.221		17.255	5.752		2.220	
7	3.590		.189			5.152		.185		
	3.401		.188			4.967		.187		
	3.213		.377			4.780		.372		
	10.204	3.401		2.598		14.899	4.966		2.592	
8	5.708		.188			5.200		.185		
	5.520		.188			5.015		.185		
	5.332		.376			4.830		.370		
	16.560	5.520		2.974		15.045	5.015		2.962	
F.B. 1328 P.G. 176 9	5.571		.187			5.251		.186		
	5.384		.185			5.065		.186		
	5.199		.372			4.879		.372		
	16.154	5.385		3.346		15.195	5.065		3.334	
10	5.508		.189			5.431		.187		
	5.319		.187			5.244		.186		
	5.132		.376			5.058		.373		
	15.959	5.320		3.722		15.733	5.244		3.707	
		53.836					51.210			

76P526-CE 379—10-57

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

9-26-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 13:10 - 13:55 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-36 To BM 8-37
Date 22 Sept 1960
Indexed H.E. OB

Number of Station	BACKSIGHT Thread 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	5.604	53.836	.153	3.722		6.530	51.210	.144	3.707	BM 8-37
	5.451		.156			6.386		.146		Spring St & Claremont Ave
	5.295	-	.309			6.240	-	.290		SCC FB 1209-32
	16.350	5.450		4.031		19.156	6.385		3.997	
										Summation of Run
										From BM 8-36
										To BM 8-37
										Total Backsights = + 59.286
										" Foresights = - 57.596
										diff. elev. = + 1.69
										Backsight stadia = 4.031
										Fore sight " = 3.997
										Total " = 8.028
										= ~~0.05~~ mi 0.50
		59.286					57.596			

F.B. 2828 P.G. 177

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny (Light Smog) Inst. No. 15066
Notes by: F.E.B. Time: 10:10 – 10:40 Rod No. 31-32

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: BM 8-37 To: BM 8-36
Date: 23 Sept 1960
Indexed: H.E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6.472		.144			5.542		.151		BM 8-37
	6.328		.147			5.391		.153		Spring St & Clarke Ave
	6.181		.291			5.238		.304		See FB 1209-32
	18.981	6.327		.291	78°	16.171	5.390		.304	
2	5.451		.188			5.528		.189		π LeGault
	5.263		.185			5.339		.188		
	5.078		.373			5.151		.377		
	15.792	5.264		.664		16.018	5.339		.681	
3	5.208		.188			5.522		.185		
	5.020		.187			5.337		.187		
	4.833		.375			5.150		.372		
	15.061	5.020		1.039		16.009	5.336		1.053	
4	5.139		.190			5.640		.182		
	4.949		.190			5.458		.186		
	4.759		.380			5.272		.368		
	14.847	4.949		1.419		16.370	5.457		1.421	
5	5.087		.187			3.519		.187		
	4.900		.187			3.332		.188		
	4.713		.374			3.144		.375		
	14.700	4.900		1.793		9.995	3.332		1.796	
		26.460					24.854			

F.B. 1323 P.G. 148

76P526-CE 379—10-57

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LOS ANGELES COUNTY ENGINEER
700 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 F E Brooks Weather Sunny (Light Imog) Inst. No. 15066
Notes by F E B Time 10:10 - 10:40 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-37 To BM 8-36
Date 28 Sept 1960
Indexed U. E. Off

Number of Station	BACKSIGHT Thread 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	5.915	26.460	.185	1.793		8.131	24.854	.190	1.790	
	5.730		.185			7.941		.189		
	5.545		.370			7.752		.379		
	17.190	5.730		2.163		23.824	7.941		2.175	
7	5.529		.187			5.291		.185		
	5.342		.185			5.106		.186		
	5.157		.372			4.920		.371		
	16.028	5.343		2.535		15.317	5.106		2.546	
8	5.171		.183			5.582		.184		
	4.988		.187			5.398		.187		
	4.801		.370			5.211		.371		
	14.960	4.987		2.905		16.191	5.397		2.917	
9	5.262		.186			5.627		.185		
	5.076		.184			5.442		.187		
	4.892		.370			5.255		.372		
	15.230	5.077		3.275		16.324	5.441		3.289	
10	4.919		.190			4.851		.182		
	4.729		.190			4.669		.186		
	4.539		.380			4.483		.368		
	14.187	4.729		3.655		14.003	4.668		3.657	
		52.326					53.407			

F.B. 2828 P.G. 179

76P526-CE 379—10-57

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

9-26-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks
Notes by: F.E.B.
Weather: Sunny (Light Smog)
Time: 10:10 - 10:40
Inst. No.: 15066
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BMB-37 To: BMB-36
Date: 23 Sept 1960
Indexed: H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.472	52.326	.181	3.655		5.068	53.407	.177	3.657	BM B-36
	5.291		.180			5.891		.178		Spring St. and Bellflower Blvd
11	5.111		.361			5.713		.355		see F.B. 1209-31
	15.874	5.291		4.016		17.672	5.891		4.012	
										summation of Run
										From BM B-37
										To BM B-36
										Total Back sights = + 57.617
										" Fore sights = - 59.298
										diff. elev. = -1.681
										Back sight stadia = 4.016
										Fore sight " = 4.012
										Total " = 8.028
										.050
	57.617					59.298				

F.B. 1209 P.G. 180

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny (Light Smog) Inst. No. 15066
Notes by F.E.B. Time 10:55 - 11:20 Rod No. 31-32

Name L.A.B. Precise Level Net
Job No. 0501.02
From BM B-37 To BM B38A
Date 23 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6.804 6.620 6.435		.184 .185 .369			5.477 5.289 5.100		.188 .189 .377		BM B-37 Spring St & Clarke Ave See LB 1209-32
	19.859	6.620		.369	T-82	15.866	5.289		.377	
2	5.831 5.651 5.469		.180 .182 .362			5.415 5.232 5.051		.183 .181 .364		T Le Gault
	16.951	5.650		.731		15.698	5.233		.741	
3	5.491 5.308 5.127		.183 .181 .364			4.681 4.500 4.319		.181 .181 .362		
	15.926	5.309		1.095		13.500	4.500		1.103	
4	5.266 5.084 4.903		.182 .181 .363			5.775 5.591 5.406		.184 .185 .369		
	15.253	5.084		1.458		16.772	5.591		1.472	
5	5.583 5.398 5.215		.185 .183 .368			5.241 5.061 4.881		.180 .180 .360		
	16.196	5.398		1.826		15.183	5.061		1.832	
				28.061					25.674	

F.B. 2828 P.G. 161

76P526-CE 379—10-57

(12) 9-27-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party FE Brooks Weather Sunny (Light Smog) Inst. No. 15066
Notes by FEB Time 10:55 - 11:20 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-37 To BMB-38A
Date 23 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.478	28.061	.186	1.826 ✓		5.760	25.674	.187	1.832 ✓	
	5.292		.182			5.573		.186		
6.	5.110		.368 ✓			5.387		.373 ✓		
	15.880	5.293		2.194 ✓		16.720	5.573		2.205 ✓	
	6.319		.200			7.252		.200		BMB-38A
	6.119		.199			7.052		.201		Spring St & Lakewood Blvd.
7.	5.920		.399 ✓			6.851		.401 ✓		See FB 2828 - 13
	18.358	6.119		2.593 ✓		21.155	7.052		2.606 ✓	
										SUMMATION of Runs FROM BMB-37 to BMB-38A
										total BACKSIGHTS = +39.473 4
										" FORESIGHTS = -38.299 8 ✓
										diff ELEV = +1.174 6
										BACKSIGHT std dim = 2593
										FORESIGHT " = 2606 ✓
										total = 5199
										= .29 m.
		39.473 4					38.299 8			0.33

F.B. 2828 P.G. 182

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny (Light smog) Inst. No.: 15066
Notes by: F.E.B. Time: 11:20 - 11:45 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BMB-38A To: BMB-37
Date: 23 Sept 1960
Indexed: H.E. OTT

Number of Station	BACKSIGHT Thread 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	7.243 7.041 6.840		.202 .201 .403 ✓			6.307 6.108 5.911		.199 .197 .396 ✓		BMB-38A Spring St & Lakewood Blvd See FB 2828-13
	21.124	7.041		.403 ✓	84	18.326	6.109		.396 ✓	
2	5.744 5.558 5.371		.186 .187 .373 ✓			5.463 5.279 5.093		.184 .186 .370 ✓		T LeGault
	16.673	5.558		.776 ✓		15.835	5.278		.766 ✓	
3	5.358 5.178 4.998		.180 .180 .360 ✓			5.698 5.512 5.329		.186 .183 .369 ✓		
	15.534	5.178		1.136 ✓		16.539	5.513		1.135 ✓	
4	5.292 5.110 4.927		.182 .183 .365 ✓			4.783 4.603 4.423		.180 .180 .360 ✓		
	15.329	5.110		1.501 ✓		13.809	4.603		1.495 ✓	
5	4.303 4.120 3.939		.183 .181 .364 ✓			5.109 4.928 4.747		.181 .181 .362 ✓		
	12.362	4.121		1.865 ✓		14.784	4.928		1.857 ✓	
		27.008					26.431			

F.B. 2824 P.G. 183

76P526-CE 379—10-57

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

(R) 9-27-6

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny (Light smog) Inst. No. 15066
Notes by F. E. B. Time 11:20 - 11:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM 8-38A To BM 8-37
Date 27 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.117	27.008	.183	1.865		5.534	26.431	.182	1.857	
	4.934		.181			5.352		.180		
	4.753		.364			5.172		.362		
	14.804	4.935		2.229		16.058	5.353		2.219	
7	5.518		.189			6.842		.183		BM 8-37
	5.329		.189			6.659		.186		Spring St & Clark Ave
	5.140		.378			6.473		.369		See FB 1209-32
	15.987	5.329		2.607		19.974	6.658		2.588	
										Summation of Run From BM 8-38A to BM 8-37
										total Backsights = + 37.272
										" Foresights = - 38.442
										diff Elev = - 1.170
										Backsight Stadia = 2607
										Foresight " = 2588
										total = 5.195
										= .29 mi.
		37.272					38.442			

F.B. 1209 PG. 104

0.33

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny (Light Smog) Inst. No. 15066
Notes by F.E.B. Time 13:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-38A To BM 8-39A
Date 23 Sept 1966
Indexed U.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.301		.120			7.333		.125		BM 8-38A
	6.181		.119			7.208		.127		Spring St. and Lakewood Blvd
	6.062		.239 ✓			7.081		.252 ✓		See F.B. 2828-13
	18.544	6.181 ✓		.239 ✓	88°	21.622	7.207 ✓		.252 ✓	T.L. Gault
										BM 8-39A
										Spring St. and Lakewood Blvd.
										See F.B. 2828-13
										Summation of Run
										From BM 8-38A
										To BM 8-39A
										Total Backsights = + 6.181
										" Foresights = - 7.207
										diff. elev. = -1.026 ✓
										Backsight stadia = .239
										Foresight " = .252
										Total " = .491
										.03 ✓ mi

6.181 ✓ 7.207

F.B. 2828 P.G. 185

76P526-CE 379—10-57

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© 9-27-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny (Light Smog) Inst. No. 15066
Notes by F.E.B. Time 13:50 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM8-39A To BM8-38A
Date 23 Sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.260		.127			6.226		.118		BM8-39A
	7.133		.124			6.108		.119		Spring St. & Lakewood Blvd
	7.009		.251			5.989		.237		see F.B. 2828-13
	21.402	7.134		.251	88°	18.323	6.108		.237	T Le Gault
										BM8-38A
										Spring St. & Lakewood Blvd
										see F.B. 2828-13
										summation of Run
										From BM8-39A
										To BM 8-38A
										Total Backsights = + 7.134
										" Foresights = - 6.108
										diff. elev. = + 1.026
										Back sight Stadia = .251
										Fore sight " = .237
										Total " = .488'
										.03 mi.
		7.134					6.108			

F.B. 2828 PG. 18

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F E Brooks Weather: Overcast Inst. No: 15066
Notes by: R Turrill Time: 9:20 — 10:20 Rod No: 31-32

Name: L.A. Co. Precise Level Net
Job No: 0301.02
From: BM 8-39 A To: BM 8-40 A
Date: 26 Sept 1960
Indexed: H. E. On

Number of Station	BACKSIGHT Thread 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	7196 7042 6891 21129	7043	154 151 305 ✓	305 ✓	74°	9193 4099 3902 12144	4048	144 147 291 ✓	291	BM 8-39 A Spring St. and Lakewood Blvd see F.B. 2828-13
2	5601 5418 5234 16253	5418	183 184 367 ✓	672 ✓		7297 7111 6928 21336	7112	186 183 369 ✓	660 ✓	T Le Gault
3	2609 2460 2313 7382	2461	149 147 296 ✓	968 ✓		9158 9010 8863 27031	9010	148 147 295	955 ✓	
4	1721 1575 1428 4724	1575	146 147 293 ✓	1261 ✓		8542 8397 8250 25189	8396	145 147 292 ✓	1247 ✓	
5	3524 3340 3159 10023	3341	184 181 365 ✓	1626 ✓		5273 5091 4905 15269	5090	182 186 368 ✓	1615 ✓	
	19838					33466				

F.B. 2828 P.G. 187

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 9:20 – 10:20 Rod No. 31632

Name L.A.Co. Precise Level Net
Job No. 0301.02
From B.M. 8-39A To B.M. 8-40A
Date Sept 26, 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5678	19.838	183	1626 ✓		5380	33.656	185	1615 ✓	
	5495		183			5195		184		
	5312		366 ✓			5011		369 ✓		
	16485	5495		1992 ✓		15586	5195		1984 ✓	
7	5657		185			5498		186		
	5472		183			5312		189		
	5289		368 ✓			5123		375 ✓		
	16418	5473		2360 ✓		15933	5311		2359 ✓	
8	5831		188			5360		186		
	5643		184			5174		183		
	5459		372 ✓			4991		369		
	16933	5644		2732 ✓		15525	5175		2728 ✓	
F.B. 2829 P.G. 168 9	5699		187			5415		184		
	5512		186			5231		187		
	5326		373 ✓			5094		371		
	16537	5512		3105 ✓		15690	5230		3099 ✓	
10	5144		145			4422		150		
	4999		148			4272		149		
	4851		293 ✓			4123		299 ✓		
	14994	4998		3398 ✓		12817	4272		3398 ✓	
		46.960					58.839			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Tuxxill Time 9:20 - 10:20 Rod No. 31632

Name L.A. Co. Precise Level Net
Job No. 0301.02
From 8-39 A To 8-40 A
Date Sept 26 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	7471	46.960	111	3398 ✓		2598	58.839	114	3398 ✓	
	7360		111			2484		111		
	7249		222 ✓			2373		225 ✓		
	22080	7360		3620 ✓		7455	2485		3623 ✓	
12	8709		110			2030		111		T Le Gault
	8599		108 ✓			1919		111 ✓		
	8491		218			1808		222		
	25799	8600		3838 ✓		5757	1919		3845 ✓	
13	8772		107			2211		110		
	8665		106 ✓			2101		110 ✓		
	8559		213			1991		220		
	25996	8665		4051 ✓		6303	2101		4065 ✓	
14	8943		185			4531		186		
	8758		185 ✓			4345		184 ✓		
	8573		370			4161		370		
	26274	8758		4421 ✓		13037	4346		4435 ✓	
15	3957		186			6949		186		
	3771		187 ✓			6763		183 ✓		
	3584		373			6580		369		
	11312	3771		4794 ✓		20292	6764		4804 ✓	
		84.114 ✓					76.454 ✓			

F.B. 6226 P.G. 169

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 9:20 - 10:20 Rod No. 31532

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-39 A To BM 8-40 A
Date Sept 26, 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
16	5943	84.114	184	4794		4871	76.454	183	4804	
	5759		184			4688		187		summation of Run
	5575		368			4501		370		From BM 8-39 A
	17277	5759		5162		14060	4687		5174	To BM 8-40 A
17	6109		187			4843		183		
	5922		183			4660		183		Total Backsights = + 107.044 3
	5739		370			4477		366		" Foresights = - 95.074
	17770	5923		5532		13980	4660		5540	diff elev. = + 11.969
18	6051		183			4828		188		Backsight stadia = 6020
	5868		187			4640		185		Foresight " = 6041
	5681		370			4455		373		Total " = 12.061
	17600	5867		5902		13923	4641		5913	= .68 mi. 0.76
19	5440		059			4696		065		BM 8-40A
	5381		059			4631		063		Spring St and Redondo Ave
	5322		118			4568		128		see F.B. 1209 - 268
	16143	5381		6020		13895	4632		6041	
		107.044 3					95.074			

F.B. 2828 P.G. 190

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 10:30 - 11:30 Rod No. 31432

Name L.A. Co Precise Level Net
Job No. 0301.02
From B.M. 8-40A To B.M. 8-39A
Date sept 26, 1960
Indexed H. E. Orn

Number of Station	BACKSIGHT Thread 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	4750 4687 4623		063 064 127			5493 5432 5373		061 059 120		B.M. 8-40A Spring St and Redondo Ave see F.B. 1209 - 268
	14060	4687		127		16298	5433		120	
2	4911 4723 4538		188 185 373			6139 5954 5771		185 183 368		π Le Gault
	14172	4724		500		17864	5955		488	
3	4898 4713 4531		185 182 367			6158 5972 5788		186 184 370		
	14142	4714		867		17918	5973		858	
4	4979 4794 4611		185 183 368			6058 5872 5689		186 183 369		
	14384	4795		1235		17619	5873		1227	
5	6892 6707 6523		185 184 369			3893 3709 3523		184 186 370		
	20122	6707		1604		11125	3708		1597	
	25.627					26.937				

F.B. 1278 P.G. 191

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turri II Time 10:30 - 11:30 Rod No. 316

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-40 A To B.M. 8-39 A
Date Sept 26, 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	4598	25.629	185	1604		9017	26.937	187	1597	
	4413		182			8830		187		
	4231		367			8643		374		
	13242	4414		1971		26490	8830		1971	
7	2171		110			8729		110		
	2061		110			8619		106		
	1951		220			8513		216		
	6183	2061		2191		25861	8620		2187	
8	2070		111			8752		108		
	1959		111			8644		108		
	1848		222			8536		216		
	5877	1959		2413		25932	8644		2403	
F.B. 1928 PG. 192 9	2630		111			7502		112		
	2519		111			7390		112		
	2408		222			7278		224		
	7557	2519		2635		22170	7390		2627	
10	4429		150			5153		145		
	4279		148			5008		148		
	4131		298			4860		293		
	12839	4280		2933		15021	5007		2920	
		42.860					65.428			

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by T. Turri II Time 10:30 - 11:30 Rod No. 31632

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-404A To B.M. 8-39A
Date Sept 26 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5424	40.860	185	2933		5703	65.428	185	2920	
	5239		187			5518		186		
	5052		372			5332		371		
	15715	5238		3305		16553	5518		3291	
12	5352		188			5824		186		T Le Gault
	5164		185			5638		186		
	4979		373			5452		372		
	15495	5165		3678		16914	5638		3663	
13	5498		187			5652		183		
	5311		188			5469		186		
	5123		375			5283		369		
	15932	5311		4053		16404	5468		4032	
14	5419		185			5719		185		
	5232		183			5534		183		
	5049		368			5351		368		
	15698	5233		4421		16604	5535		4400	
15	5268		186			3517		185		
	5082		183			3332		182		
	4899		369			3150		367		
	15249	5083		4790		9999	3333		4767	
		66.890					90.920			

F.B. 1526 P.G. 193

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by P. Turrill Time 10:30 - 11:30 Rod No. 31532

Name L.A. Co Precise Level Net
Job No. 0301.02
From B.M. 8-40A To B.M. 8-39A
Date Sept. 26, 1960
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
16	8513	66.890	145	4790		1697	90.920	148	4767	
	8368		147			1549		148		Summation of Run
	8221		292			1401		296		From BM 8-40A
	25102	8367		5082		4647	1549		5063	To BM 8-39A
17	9199		146			2648		147		
	9052		145			2501		147		Total Backsights = + 95.416 5
	8907		291			2354		294		" Fore sights = - 107.378 81
	27158	9053		5373		7503	2501		5357	diff elev. = - 11.962 6
18	7232		184			5540		183		Back sight Stadia = 6036
	7049		186			5357		187		Fore sight " = 6033
	6863		370			5170		370		Total " = 12.069
	21144	7048		5743		16067	5356		5727	= .68 mi.
19	4204		145			7205		154		BM 8-39A 0.76
	4059		148			7051		152		Spring St and Lakewood
	3911		293			6899		306		Blvd
	12174	4058		6036		21155	7052		6033	See F.B. 2828-13
		95.416 5					107.378 81			

F.B. 2828 P.G. 194

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party FEBrooks Weather Hazy Sun Inst. No. 15066
Notes by FEB Time 11:40 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-40A To BMB-40B
Date 26 Sept 1960
Indexed H.E.O.B.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.128		.088			5.507		.084		BMB-40A
	5.040		.091 ✓			5.423		.082 ✓		spring St. and Redondo Ave
	4.949		.179			5.341		.166		see F.B. 1209-26B
	15.117	5.039 ✓		.179 ✓	84°	16.271	5.424		.166 ✓	
										BMB-40B
										Spring St and Redondo Ave
										see F.B. 2828-18
										T. LeGault
										summation of Run
										From BMB-40A
										To BMB-40B
										Total Backsights = + 5.039
										" Foresights = - 5.424 ✓
										diff elev. = - 0.385
										Back sight Stadia = 179
										Fore sight " = 166 ✓
										Total " = 345
										.02 ✓ mi.
		5.039 ✓					5.424 ✓			

F.B. 2828 P.G. 19

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Hazy Sun Inst. No.: 15066
Notes by: F.E.B. Time: 11:45 Rod No.: 31-32

Name: L.A.Co. Precise Level Net
Job No.: 0301.02
From: BMB-40B To: BMB-40A
Date: 26 Sept 1960
Indexed: H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.558		.085			5.178		.090		BMB-40B
	5.473		.082			5.088		.090		Spring St and Redondo Ave
	5.391		.167			4.998		.180		See F.B. 1209-268
	16.422	5.474		.167		15.264	5.088		.180	
										BMB-40A
										Spring St and Redondo Ave
										See F.B. 2828-18
										A LeGault
										Summation of Run
										From BMB-40B
										To BMB-40A
										Total Backsights = +5.474
										" Foresights = -5.088
										diff. elev. = +0.386
										Backsight Stadia = .167
										Foresight " = .180
										Total " = .347
										= .02 mi
		5.474					5.088			

F.B. 2828 P.G. 196

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Hazy - Sun Inst. No: 15066
Notes by: A.R. Workman Time: 1:10 - 1:45 Rod No.: 31-32

Name: L.A.C. Precise Level Net
Job No.: 0301.02
From: BMB-40B To: BM NILCO 20
Date: 26 Sept. 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	5822		187			4963		185		BM 8-40B
	5635		188			4778		185		Spring St & Redondo AVC
	5447		375			4593		370		Sec FB 2828-18
	16904	5634		375		14334	4778		370	
2	5910		188			4723		184		T LeGault
	5722		184			4539		183		
	5538		372			4356		367		
	17170	5723		747		13618	4539		737	
3	5511		190			4462		185		
	5321		188			4277		187		
	5133		378			4090		372		
	15965	5321		1125		12829	4276		1109	
4	6983		182			4299		191		
	6801		179			4108		190		
	6622		361			3918		381		
	20406	6802		1486		12325	4108		1490	
5	6631		187			5193		183		
	6444		185			5010		184		
	6259		372			4826		367		
	19334	6444		1858		15029	5009		1857	
			29924					22710		

F.B. 2829 P.G. 19

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Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. Workman Time 1:10 1:45 Rod No. 31432

Name L.A.C. Precise Level Net
Job No. 0301.02
From BM B-40B To BM MLCO 20
Date 26 Sept 1960
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		29924					22710			
6	6288		185	1858	84°	5239		186	1857	
	6103		184			5053		183		
	5919		369			4870		369		
	18310	6103		2227		15162	5054		2226	
7	6891		183			5027		188		Summation of Run
	6708		186			4839		182		From BM B-40B
	6522		369			4652		375		To BM MLCO 20
	20121	6707		2596		14518	4839		2601	
8	6121		186			4932		182		Total Back sights = + 60.337
	5935		184			4750		185		" Fore sights = - 48.506
	5751		370			4565		367		diff. elev. = +11.83½
	17807	5935		2966		14247	4749		2968	
9	6052		183			5178		185		Backsight stadia = 3.556
	5869		186			4993		183		Foresight " = 3.550
	5683		369			4810		368		Total " = 7.106
	17604	5868		3336		14981	4994		3336	= .48 mi.
10	5910		110			6267		107		BM-MLCO 20
	5800		111			6160		107		Spring St. and Temple Ave
	5689		221			6053		214		See F.B. 1209 - 269
	17399	5800		3550		18480	6160		3550	
	60337					48506				

F.B. 1228 PG. 198

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Workman Time 1:50 2:30 Rod No. 31 & 32

Name L. A. Co. Precise Level Net
Job No. 0301.02
From BM-MLCO 20 To BM 8-40 B
Date 26 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6240		108		84°	5886		111		BM-MLCO 20 20
	6132		104			5775		111		Spring St & Temple Ave
	6028		212 ✓			5664		222 ✓		See FB 1209-269
	18400	6133		212 ✓		17325	5775		222 ✓	
2	5077		186			5952		183		π LeGault
	4891		182			5769		184		
	4709		368 ✓			5585		367 ✓		
	14677	4892		580 ✓		17306	5768		589 ✓	
3	4970		187			6158		187		
	4783		183			5971		183		
	4600		370			5788		370 ✓		
	14353	4784		950 ✓		17917	5972		959 ✓	
4	5033		183			6900		183		
	4850		186			6717		186		
	4664		369 ✓			6531		369 ✓		
	14547	4849		1319 ✓		20148	6716		1328 ✓	
5	5219		183			6271		187		
	5036		184			6084		185		
	4852		367 ✓			5899		372 ✓		
	15107	5035		1686 ✓		18254	6084		1700 ✓	
		25693					30315			

F.B. 2828 P.G. 199

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Chief of Party F.E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A.R. Norkman Time 1:50 2:30 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM MLCO 20 To BM 8-40B
Date 26 Sept. 1960
Indexed H.E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean 25693	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean 30315	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	5068		185	1686	84°	6502		184	1700	
	4883		184			6318		186		
	4699		369			6132		370		
	14650	4883		2055		18952	6317		2070	
7	4327		189			7012		184		SUMMATION of RUN FROM BM-MLCO 20 to BM-8-40B
	4133		188			6828		184		
	3945		379			6644		368		
	12400	4133		2432		20484	6828		2438	
8	4558		187			5603		185		TOTAL BACKSIGHTS = +48.248
	4371		188			5418		187		" FORESIGHTS = -60.088
	4183		375			5231		372		DIFF ELEV = -11.840
	13112	4370		2807		16252	5417		2810	
9	4685		184			5871		183		BACKSIGHT STADIA = 3.540
	4501		181			5688		186		FORESIGHT " = 3.557
	4320		365			5502		369		total " = 7.097
	13506	4501		3172		17061	5687		3179	= .40 m.i.
10	4848		185			5710		190		BM 8-40B
	4663		183			5520		188		SPRING ST & REDONDO AVE
	4480		368			5332		378		SCE FB 2828-18
	13991	4663		3540		16562	5520		3557	
	~~4848~~ 7					~~6088~~ 7				

P.B. 2828 P.G. 200

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Chief of Party F.E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A.R. Workman Time 10:30 11:00 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM MLCO 20/20 To BM E-40B
Date 27 SEP 60
Indexed B. E. OTT

Number of Station	BACKSIGHT Thread 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	6128		118			5750		100		BM-MLCO 20/20
	6010		117			5650		099		Spring St. and Temple Ave
	5893		.235			5551		.199		see F.B. 1209-269
	18031	6010		.235		16951	5650		.199	
2	5048		186			5923		183		⊼ LeGault
	4862		182			5740		186		
	4680		368			5554		369		
	14590	4863		.605		17217	5739		.568	
3	4817		181			6011		191		
	4636		179			5820		188		
	4457		360			5632		379		
	13910	4636		.963		17463	5821		.947	
4	4971		183			6838		186		
	4788		185			6652		183		
	4603		368			6469		369		
	14362	4787		1331		19959	6653		1316	
5	5282		181			6333		185		
	5101		182			6148		184		
	4919		363			5964		369		
	15302	5100		1694		18445	6148		1685	
		25.396					30.011			

F.B. 2826 P.G. 201

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Hazy - Sun Inst. No. 15066
Notes by: A.R. Workman Time: 10:30 11:00 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BM MLCO 20/20 To: BM 8-40B
Date: 27 SEP 60
Indexed: H.E. on

Number of Station	BACKSIGHT Thread 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	5220	25.396	186	1694		6656	30.011	187	1685	
	5034		183			6469		187		
	4851		369			6282		374		
	15105	5035		2063		19407	6469		2059	
7	4419		188			7108		186		Summation of Run
	4231		190			6922		183		From BM MLCO 20/20
	4041		378			6739		369		To BM 8-40B
	12691	4230		2441		20769	6923		2428	
8	4507		187			5553		185		Total Backsights = + 48.2416
	4320		188			5368		189		" Foresights = -60.0269
	4132		375			5179		374		diff. elev. = -11.8853
	12959	4319		2816		16100	5369		2802	
9	4641		180			5832		189		Backsight Stadia = 3547
	4461		181			5643		191		Foresight " = 3555
	4280		361			5452		380		Total " = 7.102
	13382	4460		3177		16927	5642		3182	= 0.45
10	4987		186			5843		186		BM 8-40B
	4801		184			5657		187		Spring St and Redondo Ave
	4617		370			5470		373		See F.B. 2828-18
	14405	4801		3547		16970	5656		3555	
	48.2416					60.0269				

F.B. 2828 P.G. 202

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Overcast Inst. No. 15066
Notes by R. Turrill Time 9:00 - 9:45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM-MLCO 20/20 To B 78-HA
Date 27 SEP 60
Indexed B. E. O.

Number of Station	BACKSIGHT Thread 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	7499 7312 7128		187 184 371		70°	4688 4503 4320		185 183 368		BM MLCO 20/20 Spring St. and Temple Ave See F.B. 1209-269
	21939	7313		371		13511	4504		368	
2	6031 5850 5667		181 183 364			4788 4603 4419		185 184 369		T A WORKMAN
	17548	5849		735		13810	4603		737	
3	6483 6299 6113		184 186 370			4602 4420 4239		182 181 363		
	18895	6298		1105		13261	4420		1100	
4	6262 6079 5894		183 185 368			4347 4162 3980		185 182 367		
	18235	6078		1473		12489	4163		1467	
5	6360 6180 5998		180 182 362			4555 4369 4183		186 186 372		
	18538	6179		1835		13107	4369		1839	
		31.717					22.059			

F.B. 1548 P.G. 203

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather HAZY Inst. No. 15066
Notes by R. Turrill Time 9:50 - 10:25 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-41A To B.M. NLCO 20 20
Date 27 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4502 4388 4271 13161	4387	114 117 231	231	80°	7329 7215 7102 21646	7215	114 113 227	227	B.M. 8-41A Spring St. and Cherry Ave See F.B. 1209-270
2	5071 4861 4650 14582	4861	210 211 421	652		8658 8440 8223 25321	8440	218 217 435	662	⊼ # WORKMAN
3	3359 3173 2989 9521	3174	186 184 370	1022		6735 6550 6365 19650	6550	185 185 370	1032	
4	3537 3350 3166 10053	3351	187 184 371	1393		6890 6705 6522 20117	6706	185 183 368	1400	
5	3580 3390 3203 10173	3391	190 187 377	1770		7162 6978 6791 20931	6977	184 187 371	1771	
		19164					35000			

F.B. 2828 P.G. 206

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather HAZY Inst. No. 15066
Notes by R. Turrill Time 9:50 - 10:25 Rod No. 31 & 32

Name L.A. Co Precise Level Net
Job No. 0301.02
From B.M. 8-41 A To B.M. MLCo 20 28
Date 27 SEP 60
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	4390	19.164	188	1770		7322	35.888	187	1771	
	4202		191			7135		186		
	4011		379			6949		373		
	12603	4201		2149		21406	7135		2144	
7	4481		185			6281		181		
	4296		186			6100		180		T A. WORKMAN
	4110		371			5920		361		
	12887	4296		2520		18301	6100		2505	
8	4369		184			6289		186		
	4185		183			6103		183		
	4002		367			5920		369		
	12556	4185		2887		18312	6104		2874	
9	4571		183			6450		185		
	4387		181			6265		183		
	4208		364			6082		368		
	13168	4389		3251		18797	6266		3242	
10	4858		187			6108		185		
	4671		184			5923		183		
	4487		371			5740		368		
	14016	4672		3622		17771	5924		3610	
		40.907					67.417			

F.B. 2828 P.G. 207

76P526-CE 379—10-57

9-29-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather HAZY Inst. No. 15066
Notes by R. Turxi II Time 9:50 – 10:25 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 6301.02
From B.M. B-41A To B.M. MLCO 20/20
Date 27 SEP 50
Indexed H.E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4753	40.909	183	3622		7565	67.417	187	3610	BM MLCO 20/20
	4570		181			7378		188		Spring St and Temple Ave
	4389		364			7190		375		see F.B. 1209-269
	13712	4571		3986		22133	7378		3985	
										Summation of Run From BM B-41A To BM-MLCO 20/20
										Total Back sights = + 45.478 7 " Fore sights = - 74.795 diff elev. = - 29.317 8
										Backsight Stadia = 3.986 Fore sight " = 3.985 Total " = 7.971 = .15 mi. 0.50
	45.478 7					74.795				

F.B. 2828 P.G. 208

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Hazy - Sun Inst. No. 15066
Notes by: A.R. Workman Time: 11:05 11:45 Rod No. 31-32

Name: L.A.Co. Precise Level Net
Job No. 0301.02
From: BMB-41A To: BMB-43
Date: 27 SEP 60
Indexed: H.E. Orr

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3173		189			9256		186		BM 8-41A
1	2984		189 ✓			9070		185 ✓		Spring St. and Cherry Ave
	2795		378 ✓			8885		371		See F.B. 1209 - 270
	8952	2984		.378 ✓	81°	27211	9070		.371 ✓	
	1268		181			9320		188		π Terrill
2	1087		184 ✓			9132		186 ✓		
	0903		365			8946		374 ✓		
	3258	1086		.743 ✓		27398	9132		.745 ✓	
	1647		185			9049		184		
3	1462		182 ✓			8865		183 ✓		
	1280		367			8682		367		
	4389	1463		1110 ✓		26596	8865		1112 ✓	
	4226		185			6003		191		
4	4041		182 ✓			5812		187 ✓		
	3859		367			5625		378		
	12126	4042		1477 ✓		17440	5813		1490 ✓	
	5556		186			5252		182		
5	5370		185 ✓			5070		180 ✓		
	5185		371			4890		362		
	16111	5370		1848 ✓		15212	5070		1852 ✓	
		14.946					37.950			

F.B. 1278 P.G. 209

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. Workman Time 11:05 11:45 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BMB-41A To BMB-43
Date 27 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	7224	14.945	183	1848 ✓		3750	37.950	183	1852 ✓	
	7041		186 ✓			3567		184		
	6855		369			3383		367 ✓		
	21120	7040		2217 ✓		10700	3566		2219 ✓	
7	6128		186			5663		184		
	5942		182 ✓			5479		187		
	5760		368			5292		371 ✓		
	17830	5943		2585 ✓		16434	5478		2590 ✓	
8	5305		185			5950		183		
	5120		185 ✓			5767		186 ✓		
	4935		370			5581		369		
	15360	5120		2955 ✓		17298	5766		2959 ✓	
9	4678		187			6482		184		
	4491		184 ✓			6298		187 ✓		
	4307		371			6111		377		
	13476	4492		3326 ✓		18891	6297		3330 ✓	
10	5270		186			5950		187		
	5084		183 ✓			5763		183 ✓		
	4901		369 ✓			5580		370		
	15255	5085		3695 ✓		17293	5764		3700 ✓	
		42.625					64.821			

F.B. 2528 P.G. 210

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. WORKMAN Time 11:05 11:45 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-41A To BMB-43
Date 27 SEP 60
Indexed H.E. Orn

Number of Station	BACKSIGHT Thread 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	6530	42.625	173	3695		6838	64.821	176	3700	BMB-43
	6357		175			6662		175		Cherry Ave and Wardlow Rd
	6182		348			6487		351		see F.B. 1203-36
	19069	6356		4043		19987	6662		4051	
										T Terrill
										summation of Run From BMB-41A To BMB-43
										Total Backsights = + 48.984
										" Foresights = - 71.487
										diff elev = - 22.503
										Backsight Stadia = 4043
										Foresight " = 4051
										Total " = 8.094
										= .46 mi
	48.984					71.487				0.51

F.B. 1203 P.G. 41

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Hazy-Sun Inst. No. 15066
Notes by A.R. Workman Time 1:10 - 1:55 Rod No. 31-32

Name L.A.Co. Precise Level Nat
Job No. 0301.02
From BMB-43 To BMB-41A
Date 27 SEP 60
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread 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	6817		175			6509		174		BMB-43
	6642		173			6335		174		Cherry Ave and Wardlow Rd
	6469		.348 ✓			6161		.348		See F.B. 1209-36
	19928	6642		.348 ✓	BC°	19005	6335		.348 ✓	
2	5880		185			5208		187		⊼ Terrill
	5695		185			5021		184		
	5510		.370 ✓			4837		.371 ✓		
	17085	5695		.718 ✓		15066	5022		.719 ✓	
3	6515		185			4702		183		
	6330		185			4519		186		
	6145		.370 ✓			4333		369 ✓		
	18990	6330		1088 ✓		13554	4518		1088 ✓	
4	6014		187			5368		185		
	5827		185			5183		183		
	5642		372 ✓			5000		368 ✓		
	17483	5827		1460 ✓		15551	5183		1456 ✓	
5	5686		185			6145		185		
	5501		184			5960		185		
	5317		369 ✓			5775		370		
	16504	5501		1829 ✓		17880	5960		1826 ✓	
		29.995					27.018			

F.B. 2828 P.G. 212

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Workman Time 1:10 1:55 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-43 To BM 8-41A
Date 27 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	3721	29995	184	1829✓		7200	27018	187	1826✓	
	3537		185			7013		183		
	3352		369✓			6830		370✓		
	10610	3536		2198✓		21043	7014		2196	
7	5263		181			5562		184		π Terrill
	5082		180			5378		187✓		
	4902		361✓			5191		371		
	15247	5082		2559✓		16131	5377		2567✓	
8	6061		189			4290		187		
	5872		186✓			4103		183		
	5686		375			3920		370✓		
	17619	5873		2934✓		12313	4104		2937✓	
9	9072		184			1668		186		
	8888		185			1482		182		
	8703		369✓			1300		368✓		
	26663	8887		3303✓		4450	1483		3305✓	
10	9446		185			1400		182		
	9261		188			1218		185✓		
	9073		373✓			1033		367		
	27780	9260		3676✓		3651	1217		3672✓	
	62.633					46.213				

F.B. 2518 P.G. 217

76P526-CE 379—10-57

9-25-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A. R. Workman Time 1:10 1:55 Rod No. 31432

Name L. A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-43 To B.M. 8-41A
Date 27 Sept. 1960
Indexed H. E. on

Number of Station	BACKSIGHT Thread 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	9220	62.633	187	3676		3129	46.213	187	3672	BM 8-41 A
	9033		183			2942		187		Spring St and Cherry Ave
	8850		370			2755		374		See F.B. 1209-270
	27103	9034		4046		8826	2942		4046	
										Summation of Run From B.M. 8-43 To B.M. 8-41 A
										Total Backsights = + 71.6477 Total Foresights = − 49.1587 Diff. Elev. = + 22.5184
										Backsight stadia = 4046 Foresight Stadia = 4046 Total Stadia = 8092 = 1.6 mi.
		71.647					49.158			0.51

F.B. 1209 P.G. 214

76P526-CE 379—10-57

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C 7-29-01

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Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. WERKMAN Time 2:00 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-43 To BMB-44
Date 27 SEP 80
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6938		177			2208		183		BMB-43
	6761		179			2025		183		Cherry Ave and Wardlow Rd
	6582		356			1842		366		See F.B. 1209-36
	2028	6760		.356	86°	6075	2025		.366	T. LeGault
										BM B-44
										Cherry Ave and Wardlow Rd
										See F.B. 1209-36
										Note steel tape used for Foresight
										Summation of Run
										From BMB-43
										To BMB-44
										Total Backsights = +6.760
										" Foresights = -2.025
										diff. elev. = +4.735
										Back sight stadia = 356
										Fore sight stadia = 366
										Total " = .722
										= .04 m.
										.05

F.B. 1209 P.G. 215

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D 5-29-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Hazy - Sun Inst. No. 15066
Notes by A.R. Workman Time 2:05 Rod No. 31-32

Name L.A.Co. Precise Level Net
Job No. 0301.02
From BM 8-44 To BM 8-43
Date 27 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	2170 1990 1810 5970	1990	180 180 360	.360	86°	6903 6724 6548 20175	6725	179 176 355	.355	BM 8-44 Cherry Ave and Wardlow Rd see F.B. 1209-36 Note - Steel tape used for backsight
										BM 8-43 Cherry Ave and Wardlow Rd see F.B. 1209-36 T LeGault
										Summation of Run From BM 8-44 To BM 8-43
										Total Backsights = +1990 " Foresights = -6725 diff elev. = -4.735
										Backsight stadia = 360 Foresight " = 355 Total " = .715 = .04 mi. .05

F.B. 1209 P.G. 216

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F.E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F.E.B. Time: 14:15-14:30 Rod No. 31-32

Name: L.A.C. Precise Level Net
Job No. 0301.02
From: BM 8-44 To: BM 8-45
Date: 27 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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.	2.354 2.201 2.051		.153 .150 .303			4.192 4.049 3.908		.143 .141 .284		BM 8-44 Cherry Ave and Woodlawn Rd See F.B. 1209-36
	6.606	2.202		.303	80	12.149	4.050		.284	Note - Steel tape used for Backsight
2.	6.501 6.315 6.130		.186 .185 .361			4.357 4.169 3.982		.188 .187 .375		T LeGault
	18.946	6.315		.664		12.508	4.169		.659	
3	6.511 6.327 6.141		.184 .186 .370			4.488 4.302 4.118		.186 .184 .370		
	18.979	6.326		1.034		12.908	4.303		1.029	
4	5.827 5.641 5.457		.186 .184 .370			3.667 3.480 3.296		.187 .184 .371		
	16.925	5.642		1.404		10.443	3.481		1.400	
5	6.603 6.419 6.235		.184 .184 .368			4.661 4.478 4.293		.183 .185 .368		
	19.257	6.419		1.772		13.432	4.477		1.768	
		26.904					20.480			

F.B. 1209 P.G. 217

76P526-CE 379—10-57

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by F.E.B. Time 14:15-14:50 Rod No. 31-32

Name L.A.C. Precise Level Net
Job No. 0301.02
From BMB-44 To BMB-45
Date 27 SEP 60
Indexed H.E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.664	26.904	.186	1.772		4.324	20.480	.185	1.768	
	5.478		.185			4.139		.187		
	5.293		.371			3.952		.372		
	16.435	5.478		2.143		12.415	4.138		2.140	
7	5.647		.187			5.159		.187		
	5.460		.186			4.972		.183		
	5.274		.373			4.789		.370		
	16.381	5.460		2.516		14.920	4.973		2.510	
8	5.164		.186			4.063		.185		
	4.978		.186			3.878		.187		
	4.792		.372			3.691		.372		
	14.934	4.978		2.888		11.632	3.877		1.882	
9	5.672		.184			4.801		.183		
	5.488		.187			4.618		.187		
	5.301		.371			4.431		.370		
	16.461	5.487		3.259		13.850	4.617		3.252	
10	5.970		.150			4.654		.146		
	5.820		.149			4.508		.149		
	5.671		.299			4.359		.295		
	17.461	5.820		3.558		13.521	4.507		3.547	
		54.127					42.592			

F.B. 2888 P.G. 218

76P526-CE 379—10-57

@ 9-27-51

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Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by FEB Time 14:15 - 14:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-44 To BMB-45
Date [redacted]
Indexed H.E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.719	54.127	.079	3.558		6.349	42.592	.078	3.547	BM 8-45
	6.640		.079			6.271		.074		Wardlow Rd and Orange Ave
11	5.561		.158			6.197		.152		See F.B. 1209-37
	6.920	5.640		3.716		18.817	6.272		3.699	
										Summation of Run From B.M. 8-44 To B.M. 8-45
										Total Backsights = + 59.7678 Total Foresights = − 48.8645 Diff. Elev. = + 10.903
										Backsight stadia = 3.716 Foresight Stadia = 3.699 Total Stadia = 7.415 = .4 mi. 0.45 7
	59.7678					48.8645				

F.B. 1209 P.G. 219

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: R. Turrill
Weather: Sunny
Time: 8:50 - 9:25
Inst. No.: 15066
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-45 To: BMB-44
Date: 28 SEP 60
Indexed: H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6317		077		70°	5682		079		BMB-45
	6240		076			5603		077		Orange Ave and Wardlow Rd
	6164		153			5526		156		see F.B. 1209-37
	18721	6240		153		16811	5604		156	
2	4719		148			6048		150		
	4571		148			5898		150		T Le Gault
	4423		296			5748		300		
	13713	4571		449		17694	5898		456	
3	4788		186			5649		184		
	4602		183			5460		188		
	4419		369			5272		372		
	13809	4603		818		16376	5459		828	
4	4185		186			5288		188		
	3999		188			5100		185		
	3811		374			4915		373		
	11995	3998		1192		15303	5101		1201	
5	5178		187			5660		186		
	4991		183			5474		184		
	4808		370			5290		370		
	14977	4992		1562		16424	5475		1571	
		24404					27537			

F.B. 1209 P.G. 220

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 8:50 - 9:25 Rod No. 31-32

Name L.A. Co. Precise Level Nell
Job No. 0301.02
From BM 8-45 To BM 5-44
Date 28 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4398	24.404	187	1562		5739	27.537	186	1571	
	4211		186			5553		186		
	4025		373			5367		372		
	12634	4211		1933		16659	5553		1943	
7	4698		187			6636		185		T Le Gault
	4511		183			6451		186		
	4328		370			6265		371		
	13537	4512		2305		19352	6451		2314	
8	3720		184			5883		184		
	3536		185			5699		186		
	3351		369			5513		370		
	10607	3536		2674		17095	5698		2684	
9	4441		183			6462		184		
	4258		186			6278		186		
	4072		369			6092		370		
	12771	4257		3043		18832	6277		3054	
10	4356		187			6500		187		
	4169		188			6313		184		
	3981		375			6129		371		
	12506	4169		3418		18942	6314		3425	
		46.089					57.830			

F.B. 1648 P.G. 121

76P526-CE 379—10-57

(R) 9-29-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Weather: Sunny
Inst. No.: 15066
Notes by: R. Turrill
Time: 8:50 - 9:25
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-45 To: BM 8-44
Date: 28 SEP 50
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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.	4237 4094 3952 12283	45.089 4094	143 142 285 	3418 3703		2399 2246 2092 6737	57.830 2246	153 154 307 	3425 3732	BM 8-44 Cherry Ave and Wardlow Rd See F.B. 1209-36
										Summation of Run From B.M. 8-45 To B.M. 8-44
										Total Backsights = + 49.188 4 Total Foresights = − 60.076 5 Diff. Elev. = −10.888 1
										Backsight stadia = 3.703 Foresight Stadia = 3.732 Total Stadia = 7.435 = .44 mi.
		49.188 4					60.076 5			7

F.B. 1209 PG. 222

76P526-CE 379—10-57

(R) 7-29-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny Inst. No.: 15066
Notes by: F. E. Brooks Time: 15:05 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BMB-45 To: BMB-46A
Date: 27 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.061		077			5.518		077		BMB-45
	5.984		076			5.441		077		Wardlow Rd and Orange Ave
	5.908		153			5.364		154		see F.B. 1209-37
	17.953	5.984		153	82	16.323	5.441		154	T LeGault
										BMB-46A
										Wardlow Rd and Orange Ave
										see F.B. 1209-37
										Summation of Run
										From B.M. B-45
										To B.M. B-45A
										Total Backsights = + 5.984
										Total Foresights = − 5.441
										Diff. Elev. = +0.543
										Backsight stadia = .153
										Foresight Stadia = .154
										Total Stadia = .307
										.02 mi.

F.B. 2826 P.G. 223

76P526-CE 379—10-57

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(P) 9-29-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by F. E. Brooks Time 15:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-45A To BM 8-45
Date 27 SEP 60 H. E. OTT
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
	5.569 5.492 5.416		.077 .076 .153			6.111 6.035 5.959		.076 .076 .152		BM 8-45A Wardlow Rd and Orange Ave See F.B. 1209-37
	16.477	5.492		.153	82	18.105	6.035		.152	
										BM 8-45 Wardlow Rd. and Orange Ave See F.B. 1209-37
										Summation of Run From B.M. 8-45A To B.M. 8-45
										Total Backsights = + 5.492 Total Foresights = − 6.035 Diff. Elev. = −0.543
										Backsight stadia = .153 Foresight Stadia = .152 Total Stadia = .305 .02 mi.

F.B. 1209 P.G. 224

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 9:40 – 10:30 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM B-45 A To BM B-46
Date 28 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6181 6075 5970		106 105	211 ✓		4634 4527 4422		107 105	212 ✓	B.M. 8-45A Wardlow Rd and Orange Ave see F.B. 1209-37
	18226	6075		211 ✓	74°	13583	4528		212 ✓	
2	6030 5925 5820		105 105	210 ✓		4708 4601 4493		107 108	215 ✓	T. A. WORKMAN
	17775	5925		421 ✓		13802	4601		427 ✓	
3	6345 6160 5978		185 182	367 ✓		5400 5212 5028		188 184	372 ✓	
	18483	6161		788 ✓		15640	5213		799 ✓	
4	6322 6137 5951		185 186	371 ✓		4750 4568 4383		182 185	367 ✓	
	18410	6137		1159 ✓		13701	4567		1166 ✓	
5	6667 6480 6295		187 185	372 ✓		5350 5168 4985		182 183	365 ✓	
	19442	6481		1531 ✓		15503	5168		1531 ✓	
		30.779 ✓		–			24.077 ✓		–	

F.B. 1209 P.G. 185

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 9:40 - 10:30 Rod No. 31 & 32

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 8-45A To B.M. 8-46
Date 28 Sept. 1960
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	6300	30.779	084	1531		4607	24.077	103	1531	
	6216		086			4504		101		
	6130		170			4403		204		
	18646	6215		1701		13514	4505		1735	
7	7159		190			4691		178		
	6969		190			4513		175		
	6779		380			4338		353		
	20907	6969		2081		13542	4514		2088	
8	7438		188			5048		185		
	7250		186			4863		184		
	7064		374			4679		369		
	21752	7251		2453		14590	4863		2457	
9	6197		100			4673		086		
	6097		100			4587		087		
	5997		200			4500		173		
	18291	6097		2655		13760	4587		2630	
10	6562		183			4490		182		
	6379		185			4308		182		
	6194		368			4126		364		
	19135	6378		3023		12924	4308		2994	
		63.689					46.854			

F.B. 1604 P.G. 226

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F.E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turri II Time 9:40 - 10:30 Rod No. 31 & 32

Name L.A.C.D. Precise Level Net
Job No. 0301.02
From B.M. 8-45A To B.M. 8-46
Date 28 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5646	63.689	186	3023		4780	46.854	188	2994	
	5460		182			4592		185		
	5278		368			4407		373		
	16384	5461		3391		13779	4593		3367	
12	5276		181			4559		190		
	5095		181			4369		187		
	4914		362			4182		377		
	15285	5095		3753		13110	4370		3744	
13	5688		127			6594		144		BM 8-46
	5561		125			6450		141		Ward low Rd and Atlantic Ave
	5436		252			6309		285		See F.B. 1209-38
	16685	5562		4005		19353	6.451		4029	
										Summation of Run From B.M. 8-45A To B.M. 8-46 Total Backsights = + 79.807 Total Foresights = − 62.268
										Diff. Elev. = + 17.538 Backsight stadia = 4.005 Foresight Stadia = 4.029 Total Stadia = 8.034 = 0.51
	79.807					62.268				

F.B. 1208 P.G. 127

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 10:30 — Rod No. 31 & 32

Name L.A. Co. Precise Level
Job No. 0301.02
From B.M. 8-46 To B.M. 8-45A
Date 28 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	6534 6393 6254		141 139 280			5629 5500 5369		129 131 260		B.M. 8-46 Ward low Rd and Atlantic Ave see F.B. 1209-38
	19181	6394		280	78°	16498	5499		260	
2	4506 4321 4139		185 182 367			5232 5049 4864		183 185 368		T A WORKMAN
	12966	4322		647		15145	5048		628	
3	4756 4571 4390		185 181 366			5627 5439 5249		188 190 378		
	13717	4572		1013		16315	5438		1006	
4	4447 4265 4084		182 181 363			6522 6338 6151		184 187 371		
	12796	4265		1376		19011	6337		1377	
5	4629 4540 4452		089 088 177			6147 6048 5949		109 109 218		
	13621	4540		1553		18144	6048		1595	
		24.093					28.370			

F.B. 2528 P.G. 228

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turri II Time 10:30 – 11:15 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-96 To B.M. 8-95A
Date 28 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5004	24.093	191	1553		7382	28.370	180	1595	
	4813		191			7202		177		
	4622		382			7025		357		
	14439	4813		1935		21609	7203		1952	
7	4585		187			7030		180		T. A. WORKMAN
	4398		190			6850		181		
	4208		377			6669		361		
	13191	4397		2312		20549	6850		2313	
8	4597		107			6284		081		
	4490		104			6203		081		
	4386		211			6122		162		
	13473	4491		2523		18609	6203		2475	
9	5346		176			6669		189		
	5170		172			6480		191		
	4998		348			6289		380		
	15514	5171		2871		19438	6479		2855	
10	4803		181			6385		187		
	4622		180			6198		189		
	4442		361			6009		376		
	13867	4622		3232		18592	6197		3231	
		47.587					61.302			

F.B. 2518 P.G. 129

76P526-CE 379—10-57

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(R) 1-25-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turri II Time 10:30 - 11:15 Rod No. 31532

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-46 To B.M. 8-45A
Date 28 SEP 50
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5355	47.587	185	3232		6300	61.302	185	3231	
	5170		184			6115		185		
	4986		369			5930		370		
	15511	5170		3601		18345	6115		3601	
12	4670		107			6000		108		
	4563		103			5892		105		
	4460		210			5787		213		
	13693	4564		3814		17679	5893		3814	
13	4633		104			6181		106		BM 8-45A
	4529		104			6075		105		Ward low Rd. and Orange Ave
	4425		208			5970		211		see F.B. 1209-37
	13587	4529		4019		18226	6075		4025	
										Summation of Run From B.M. 8-46 To B.M. 8-45A
										Total Backsights = + 61.8502
										~~Total Foresights~~ = - 79.3886
										Diff. Elev. = - 17.5384
										Backsight stadia = 4.019
										Foresight Stadia = 4.025
										Total Stadia = 8.044
										= .45 mi.
										0.51
	61.850					79.385				

F.B. 1828 PG. 230

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny Inst. No. 15066
Notes by: R. Turrill Time: 11:30 - 11:50 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BMB-46 To: BMB-47
Date: 28 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	5983 5876 5768 17627	5876	107 108 215	215	78	4377 4273 4171 12821	4274	104 102 206	206	B.M. 8-46 Wardlow Rd and Atlantic Ave see F.B. 209-38
2	5578 5383 5191 16152	5384	195 192 387	602		4758 4568 4378 13704	4568	190 190 380	586	T Le Gault
3	6072 5890 5707 17669	5890	182 183 365	967		4318 4132 3950 12400	4133	186 182 368	954	
4	4551 4358 4163 13072	4357	193 195 388	1355		6631 6438 6242 19311	6437	193 196 389	1343	
5	5085 4899 4714 14698	4899	186 185 371	1726		5656 5469 5280 16405	5468	187 189 376	1719	
		26.406					24.880			

F.B. 2844 P.G. 231

76P526-CE 379—10-57

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9-29-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 11:30-11-50 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-46 To B.M. 8-47
Date 28 SEP 60
Indexed H. E. Off

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5380 5247 5112 15739	26.406 5246	133 134 267	1726 1993		6002 5872 5744 17618	24.880 5873	130 128 258	1719 1977	BM 8-47 Wardlow Rd and Long Beach Blvd see F.B. 1209-39
										Summation of Run From B.M. 8-46 To B.M. 8-47
										Total Backsights = + 31.652 Total Foresights = − 30.753 Diff. Elev. = + 0.899
										Backsight stadia = 1993 Foresight Stadia = 1977 Total Stadia = 3,970 .23 mi. 5
		31.652					30.753			

F.B. 2820 P.G. 232

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - clear Inst. No. 15066
Notes by R. Turri II Time 13:10 - 13:30 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM B-47 To BM B-46
Date 28 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5980		131		78°	5357		134		BM B-47
	5849		129			5223		133		Wardlow Rd and Long Beach
	5720		260			5090		267		Blvd. See F.B. 1209-39
	17549	5850		260		15670	5223		267	
2	5648		188			5077		188		π Le Gault
	5460		192			4889		189		
	5268		380			4705		372		
	16376	5459		640		14671	4890		639	
3	6605		193			4525		192		
	6412		192			4333		192		
	6220		385			4141		384		
	19237	6412		1025		12999	4333		1023	
4	4361		187			6118		185		
	4174		183			5933		182		
	3991		370			5751		367		
	12526	4175		1395		17802	5934		1390	
5	4842		190			5661		193		
	4652		190			5468		195		
	4462		380			5273		388		
	13956	4652		1775		16402	5467		1778	
		26.548					25.842			

F.B. 2029 P.G. 233

76P526-CE 379—10-57

9-29-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by R. Turrill Time 13:10 - 13:30 Rod No. 31232

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-47 To B.M. 8-46
Date 28 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	4361	26.548	105	1775		5966	25.847	106	1778	BM 8-46
	4256		106			5860		107		Ward low Rd and Atlantic Ave
	4150		211			5753		213		see F.B. 1209-38
	12767	4256		1988		17579	5860		1991	
										Summation of Run From B.M. 8-47 To B.M. 8-46
										Total Backsights = + 30.804 Total Foresights = − 31.707 Diff. Elev. = − 0.903
										Backsight stadia = 1.986 Foresight Stadia = 1.991 Total Stadia = 3.977 .28 mi
		30.804					31.707			

F.B. 1210 P.G. 23

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. Workman Time 1:35 - 2:35 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-47 To BM 8-48
Date 28 Sept 1960 H. E. OTT
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
	5922		119		78°	5757		110		BM 8-47
1	5803		116			5647		110		Wardlow Rd and Long Beach
	5687		235			5537		220		Blvd. see F.B. 1209-39
	17412	5803		235		16941	5647		220	
	5488		175			6058		174		π Terrill
2	5313		172			5884		173		
	5141		347			5711		347		
	15942	5314		582		17653	5884		567	
	5247		189			6060		185		
3	5058		188			5875		185		
	4870		377			5690		370		
	15175	5058		959		17625	5875		937	
	5310		175			5849		171		
4	5135		175			5678		174		
	4960		350			5504		345		
	15405	5135		1309		17031	5677		1282	
	5216		185			5488		191		
5	5031		183			5297		190		
	4848		368			5107		381		
	15095	5031		1677		15892	5297		1663	
		26.341					28.380			

F.B. 1828 P.G. 23

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. Workman Time 1:35 - 2:35 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-47 To BM 8-48
Date 28 Sept. 1960
Indexed B/E on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4980	26.341	185	1677	78°	4137	28.380	185	1663	
6	4795		185			3952		182		
	4610		370			3770		367		
	14385	4795		2047		11859	3953		2030	
	6656		185			4321		180		
7	6471		182			4141		180		
	6289		367			3961		360		
	19416	6472		2414		12423	4141		2390	
	6760		172			3437		180		
8	6588		170			3257		179		
	6418		342			3078		359		
	19766	6.589		2756		9772	3257		2749	
	7018		180			3723		188		
9	6838		180			3535		187		
	6658		360			3348		375		
	20514	6838		3116		10606	3535		3124	
	8252		185			3442		184		
10	8067		184			3258		184		
	7883		369			3074		368		
	24202	8067		3485		9774	3258		3492	
		59.102					46.524			

F.B. 1828 PG. 236

76P526-CE 379—10-57

② 80-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by H. R. Workman Time 1:35 2:35 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-47 To BM 8-48
Date 28 Sept. 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7883	59.102	200	3485	78°	4352	46.524	197	3492	
11	7683		200			4155		195		
	7483		400			3960		392		
	23049 7683			3885		12467 4155			3884	
	8042		181			4490		178		T Terrill
12	7861		181			4312		179		Summation of Run
	7680		362			4133		357		From B.M. 8-47
	23583 7861			4247		12935 4311			4241	To B.M. 8-48
	6220		182			4558		177		Total Backsights = + 92.188
13	6038		181			4381		178		Total Foresights = − 69.707
	5857		363			4203		355		Diff. Elev. + 22.431
	18115 6038			4610		13142 4380			4596	
	6287		187			4622		197		Backsight stadia = 5.175
14	6100		190			4425		195		Foresight Stadia = 5.177
	5910		377			4230		392		Total Stadia = 10.352
	18297 6099			4987		13277 4425			4988	= ~~.58~~ .66
	5449		093			6007		095		BM 8-48
15	5356		095			5912		094		Long Beach Blvd and
	5261		188			5818		189		Roosevelt Rd.
	16066 5355			5175		17737 5912			5177	see F.B. 1209-40
	92.188					69.707				
	41					11				

F.B. 1211 P.G. 237

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by A.R. Workman Time 2:35 - 3:30 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-48 To BM 8-47
Date 28 Sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	6077		094			5518		095		BM 8-48
	5983		094			5423		095		Long Beach Blvd and Roosevelt Rd. see F.B. 1209-40
	5889		188			5328		190		
	17949	5983		.188	78	16269	5423		.190	
2	4578		195			6248		188		π Terrill
	4383		194			6060		190		
	4189		389			5870		378		
	13150	4383		.577		18178	6059		.568	
3	4647		177			6305		180		
	4470		175			6125		180		
	4295		352			5945		360		
	13412	4470		.929		18375	6125		.928	
4	4324		180			7879		184		
	4144		179			7695		182		
	3965		359			7513		366		
	12433	4144		1288		23087	7695		1294	
5	4328		200			7852		199		
	4128		198			7653		196		
	3930		398			7457		395		
	12386	4128		1686		22962	7654		1689	
		23.108					32.956			

F.B. 2828 P.G. 238

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A. R. Workman Time 2:35 Rod No. 31432

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM-8-48 To BM 8-47
Date 28 Sept 1960
Indexed B. E. Ott

Number of Station	BACKSIGHT Thread 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	3439	23.108	184	1686	78°	8250	32.956	183	1689	
	3255		184			8067		185		
	3071		368			7882		368		
	9765	3255		2054		24199	8066		2057	
7	3710		187			7002		180		π Terrill
	3523		186			6822		181		Summation of Run
	3337		373			6641		361		From B.M.
	10570	3523		2427		20465	6821		2418	To B.M.
8	3483		180			6810		170		Void Turn on FEB
	3303		180			6640		173		Total Backsights = +
	3123		360			6467		343		Total Foresights = −
	9909	3303		2787		19917	6639		2761	Diff. Elev =
9	4241		179			6578		188		Backsight stadia =
	4062		179			6390		187		Foresight Stadia =
	3883		358			6203		375		Total Stadia =
	12186	4062		3145		19171	6390		3136	
10	4127		180			4982		188		
	3947		179			4794		186		
	3768		359			4608		374		
	11842	3947		3504		14384	4794		3510	
		41.198					65.666			

F.B. 2828 P.G. 239

76P528-CE 379—10-57

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@ 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. Workman Time 2:35 - 3:30 Rod No. 31+32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-48 To 8-47
Date 28 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5051	41.198	188	3504		4780	65.666	185	3510	
	4863		189			4595		185		
	4674		377			4410		360		
	14588	4862		388		13785	4595		3870	
12	5801		173			5268		178		Summation of Run
	5628		170			5090		174		From B.M. 8-48
	5458		343			4916		352		To B.M. 8-47
	16887	5629		4224		15274	5091		4222	
13	6088		185			5270		187		Total Backsights = + 69.224
	5903		183			5083		185		Total Foresights = − 91.655
	5720		368			4898		372		Diff. Elev. = − 22.430
	17711	5903		4592		15251	5083		4594	
14	6048		171			5483		174		Backsight stadia = 5.153
	5877		173			5309		171		Foresight Stadia = 5.178
	5704		344			5138		345		Total Stadia = 10.331
	17629	5876		4936		15930	5310		4939	= .59
15	5865		109			6030		119		BM 8-470.65
	5756		108			5911		120		Long Beach Blvd and Wardlow
	5648		217			5791		239		Rd. see F.B. 1209-39
	17269	5756		5153		17732	5910		5178	
		69.224					91.655			

F.B. 2928 P.G. 240

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny, Clear Inst. No. 15066
Notes by A. R. Workman Time 9:00 9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-48 To BM 8-49
Date 29 SEP 60
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
	5472		192			7724		213		BM 8-48 -
1	5280		190			7511		215		Long Beach Blvd and
	5090		382			7296		428		Roosevelt Rd
	15842	5280		.382	74°	22531	7510		.428	See F.B. 1209-40
	4818		189			6770		187		
2	4629		189			6583		186		T LeGault
	4440		378			6397		373		
	13887	4629		.760		19750	6583		.801	
	4750		189			5930		186		
3	4561		187			5744		185		
	4374		376			5559		371		
	13685	4561		1136		17233	5744		1172	
	3720		185			3929		191		
4	3535		184			3738		192		
	3351		369			3546		383		
	10606	3535		1505		11213	3737		1555	
	5781		200			5282		181		
5	5581		200			5101		181		
	5381		400			4920		362		
	16743	5581		1905		15303	5101		1917	
	23.586					28.675				

F.B. 1209 P.G. 241

76P526-CE 379—10-57

10-2-51

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny - Clear Inst. No. 15066
Notes by A. R. Workman Time 9:00 9:30 Rod No. 31-32

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-48 To BM 8-49
Date 29 SEP 50
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5830	23.586	189	1905		5140	28.675	192	1917	Summation of Run From B.M. 8-48 To B.M. 8-49
	5641		187			4948		188		
	5454		376			4760		380		
	16925	5641		2281		14848	4949		2297	
7	5769		192			5545		186		Total Backsights = + 43.7~~47~~50
	5577		193			5359		189		Total Foresights = − 51.63~~5~~8
	5384		385			5170		375		Diff. Elev. = − 7.888
	16730	5576		2666		16074	5358		2672	
8	5018		195			5922		199		Backsight stadia = 3431
	4823		192			5723		200		Foresight Stadia = 3.419
	4631		387			5523		399		Total Stadia − 6.850
	14472	4824		3053		17168	5722		3071	= .~~39~~ mi. 0.93
9	4309		189			7106		175		BM 8-49
	4120		189			6931		173		Long Beach Blvd and San
	3931		378			6758		348		Antonio Dr.
	12360	4120		3431		20795	6931		3419	See F.B. 1209-41

F.B. 2828 P.G. 242

43.7~~47~~50 51.63~~5~~8

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks Weather: Sunny-Clear Inst. No.: 15066
Notes by: A.R. Workman Time: 9:30 Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-49 To: BM 8-48
Date: 29 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	7171		174		74°	4368		188		BM 8-49
	6997		176			4180		188		Long Beach Blvd and San
	6821		350			3992		376		Antonio Dr.
	20989	6996		350		12540	4180		376	See F.B. 1209-41
2	5799		201			4894		193		π LeGault
	5598		199			4701		192		
	5399		400			4509		385		
	16796	5598		750		14104	4701		761	
3	5514		188			5732		191		
	5326		188			5541		192		
	5138		376			5349		383		
	15978	5326		1126		16622	5540		1144	
4	5170		190			5865		187		
	4980		190			5678		188		
	4790		380			5490		375		
	14940	4980		1506		17033	5677		1519	
5	5169		189			5652		192		
	4980		189			5460		192		
	4791		378			5268		384		
	14940	4980		1884		16380	5460		1903	
		27.880					25.558			

F.B. 1209 P.G. 243

76P526-CE 379—10-57

(R) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: A.R. Workman
Weather: Sunny-Clear
Time: 9:30 10:00
Inst. No.: 15066
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-49 To: BM 8-48
Date: 29 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	4037	27.880	194	1884		3823	25.558	181	1903	Summation of Run
	3843		192			3642		183		From B.M. 8-49
	3651		386			3459		364		To B.M. 8-48
	11531	3843		2270		10924	3641		2267	51.383
7	5837		186			4657		189		Total Backsights = + 51.379
	5651		184			4468		189		Total Foresights = − 43.487
	5467		370			4279		378		Diff. Elev. = + 7.896
	16955	5651		2640		13404	4468		2645	
8	6716		187			4761		188		Backsight stadia = 3.442
	6529		188			4573		186		Foresight Stadia = 3.403
	6341		375			4387		374		Total Stadia = 6.845
	19586	6529		3015		13721	4573		3019	= .39m
9	7691		213			5439		191		BM 8-48
	7478		214			5248		193		Long Beach Blvd and
	7264		427			5055		384		Roosevelt Rd
	22433	7477		3442		15742	5247		3403	See F.B. 1209-40

F.B. 1209 PG. 244

51.379 / 43.487

76P526-CE 379—10-57

10-2-61

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LOS ANGELES COUNTY ENGINEER
700 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 F. E. Brooks Weather Sunny Inst. No. 15066
Notes by LeGault Time 10:00-10:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-49 To BM 8-50
Date 29 SEP 60
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5656 5518 5378 16552	5517	138 140 278	278		5951 5828 5702 17481	5827	123 126 249	249	BM 8-49 Long Beach Blvd and San Antonio Dr. See F.B. 1209-41
2	4029 3849 3666 11544	3848	180 183 363	641		6458 6268 6081 18807	6269	190 187 377	626	"T Workman"
3	4317 4120 3925 12362	4121	197 195 392	1033		6438 6249 6062 18749	6250	189 187 376	1002	BM 8-50 (U.S. 4563) Long Beach Blvd at house # 4307 see F.B. 1209-42
										Summation of Run From B.M. 8-49 To B.M. 8-50 Total Backsights = + 13.486 Total Foresights = − 18.346 Diff. Elev. = − 4.860 Backsight stadia = 1.033 Foresight Stadia = 1.002 Total Stadia = 2.035 = .13 mi.
		13.486					18.346			

F.B. 1828 P.G. 245

76P526-CE 379—10-57

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10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by [illegible] Time 10:30-11:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-50 To BM-8-49
Date 29 SEP 60
Indexed H. E. Off

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6439 6250 6062	6250	189 188 377	377		4311 4119 3924	4118	192 195 387	387	BM-8-50 (U.S. 4563) Long Beach Blvd at house # 4307 see F.B. 1209-42
2	6499 6312 6126	6312	187 186 373	750		4071 3890 3708	3890	181 182 363	750	
3	6030 5902 5773	5902	128 129 257	1007		5724 5590 5452	5589	134 138 272	1022	BM-8-49 Long Beach Blvd and San Antonio Dr. see F.B. 1209-41
	18751					12354				
	18464					13597				

Summation of Run
From B.M. 8-50
To B.M. 8-49

Total Backsights = + 18.464
Total Foresights = − 13.597
Diff. Elev. = 4.867
Backsight stadia = 1007
Foresight Stadia = 1022
Total Stadia = 2.029
.19 mi.

3

PG. 244

76P526-CE 379—10-57

(R) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Cloudy Inst. No. 15066
Notes by Le Gault Time 9:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-49 To BM 8-50
Date ~~29 SEP 60~~ 30 Sept 60
Indexed H. E. Orr

Number of Station	BACKSIGHT Thread 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	5718 5580 5444 16742	5580	138 136 274	274	72°	6020 5890 5762 17672	5890	130 128 258	258	BM 8-49 Long Beach Blvd and San Antonio Dr. See F. B. 1209-41
2	4188 4003 3822 12013	4004	185 181 366	640		6619 6430 6243 19292	6431	189 187 376	634	π Workman
3	4290 4099 3905 12294	4098	191 194 385	1025		6418 6228 6041 18687	6229	190 187 377	1011	BM 8-50 (U.S. 4563) Long Beach Blvd at house # 4307 See F.B. 1209-42

Summation of Run
From B.M. 8-49
To B.M. 8-50

Total Backsights = + 13.6823
Total Foresights = − 18.550
Diff. Elev. = − 4.8687
Backsight stadia = 1.025
Foresight Stadia = 1.011
Total Stadia = 2.036

13.687 / 3 — 18.550 — .18 m / 3

F.B. 0878 P.G. 247

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Inst. No.
Notes by Time Rod No.

Name L.A. Co. Precise Level Net
Job No.
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
F.B. 228 P.G. 248										

76P526-CE 379--10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: SUNNY Inst. No. 15066
Notes by: LeCault Time: 11:15-1130 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-50 To: BM 8-51
Date: 29 SEP 60
Indexed: B.E. Orr

Number of Station	BACKSIGHT Thread 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	5029 4840 4650	4840	189 190 379	379	78°	6482 6290 6101	6291	192 189 381	381	BM 8-50 (U.S. 4563) Long Beach Blvd at house # 4307 See F.B. 1209-42
2	4470 4280 4090	4280	190 190 380	759		6239 6039 5840	6039	200 199 399	780	T Workman
3	4304 4203 4104	4204	101 099 200	959		6478 6378 6278	6378	100 100 200	980	BM 8-51 Long Beach Blvd near 44th St. See F.B. 1209-43
	13.324					18.708				

Summation of Run
From B.M. 8-50
To B.M. 8-51

Total Backsights = + 13.324
Total Foresights = − 18.708
Diff. Elev. = − 5.384
Backsight stadia = .959
Foresight Stadia = .980
Total Stadia = 1.939
.06 mi
.01

F.B. 1209 P.G. 44

76P526-CE 379—10-57

(P) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Sunny — Inst. No.: 15066
Notes by: Le Gault — Time: 11:30 – 11:45 — Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-51 To: BM 8-50
Date: 29 SEP 60
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	6503 6402 6303	6403	101 099 200	200	78°	4329 4229 4129	4229	100 100 200	200	BM 8-51 Long Beach Blvd near 44th St. See F.B. 1209-43
2	6349 6150 5951	6150	199 199 398	598		4584 4392 4204	4393	192 188 380	580	T Workman
3	6470 6280 6090	6280	190 190 380	978		5015 4825 4639	4826	190 186 376	956	BM 8-50 Long Beach Blvd. at house # 4307 see F.B. 1209-42
F.B. 1209 PG. 50										
		18.833					13.448			

Summation of Run
From B.M. 8-51
To B.M. 8-50
Total Backsights = + 18.833
Total Foresights = − 13.448
Diff Elev. + 5.385
Backsight stadia = .978
Foresight Stadia = .956
Total Stadia = 1.934

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. Workman Time 1:15 2:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0311.02
From BM 8-51 To BM 8-52
Date 29 SEP 60
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4633		140			7181		116		BM 8-51
1	4493		140			7065		115		Long Beach Blvd and 44th St
	4353		280			6950		231		See F.B. 1209-43
	13479	4493		.280	78°	21196	7065		.231	
	1815		171			8132		180		π Terrill
2	1644		171			7952		180		
	1473		.342			7772		360		
	4932	1644		.622		23856	7952		.591	
	0804		189			10322		182		
3	0615		187			10140		182		
	0428		376			09958		364		
	18470	0615		.998		30420	10140		.955	
	1193		171			10121		178		
4	1022		174			9943		178		
	0848		345			9765		356		
	30631	1021		1343		29829	9943		1311	
	0773		184			10486		188		
5	0589		183			10298		190		
	0406		367			10108		378		
	17680	0589		1710		30892	10297		1689	
	8362					45.397				

F.B. 2818 P.G. 25

76P526-CE 379—10-57

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@ 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. Workman Time 1:15 2:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-51 To BM 8-52
Date 29 SEP 60
Indexed B. E. on

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0555	8.362	184	1710		11730	45.397	201	1689	
6	0371		184			11529		197		
	0187		368			11332		398		
	11130371			2078		34591	11530		2087	
	2813		190			6411		189		Summation of Run
7	2623		193			6222		190		From B.M. 8-51
	2430		383			6032		379		To B.M. 8-52
	78662622			2461		18665	6221		2466	Total Backsights = + 26.38~~4~~3
	4945		180			5172		180		Total Foresights = − 78.4~~68~~ 79
8	4765		180			4992		180		Diff. Elev. − 52.08~~61~~ 79
	4585		360			4812		360		Backsight stadia = 3.5~~24~~ 39
	14295	4765		2821		14976	4992		2826	Foresight Stadia = 3.5~~54~~ 52
	5270		189			5295		190		Total Stadia = 7.0~~78~~ 91
9	5081		188			5105		188		0.4~~0~~ mi 4
	4893		377			4917		378		
	15244	5081		3198		15317	5105		3204	
	5351		169			5398		176		BM 8-52
10	5182		172			5222		172		Long Beach Blvd and Arbor
	5010		341			5050		348		St. see F.B. 1209-44
	15543	5181		3539		15670	5223		3552	
		26.38~~4~~ 3					78.4~~68~~ 70			

F.B. 2828 P.G. 252

76P526-CE 379—10-57

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Chief of Party F. E. Brooks Weather Sunny-Clear Inst. No. 15066
Notes by A.R. WorkMAN Time 2:00 2:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-52 To BM 8-51
Date 29 SEP 60
Indexed H. E. On

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5346		175			5301		171		BM 8-52
1	5171		171			5130		168		Long Beach Blvd and Arbor
	5000		346 ✓			4962		339 ✓		St. See F.B. 1209-44
	15517	5172		.346 ✓	78°	15393	5131		.339 ✓	
	5310		187			5286		188		T Terrill
2	5123		190			5098		188 ✓		
	4933		377 ✓			4910		376		
	15366	5122		.723 ✓		15294	5098		.715 ✓	
	5068		180			4841		180		
3	4888		180 ✓			4661		180		
	4708		360			4481		360 ✓		
	14664	4888		1083 ✓		13983	4661		1075 ✓	
	6238		190			2642		194		
4	6048		187 ✓			2448		191 ✓		
	5861		377			2257		385		
	18147	6049		1460 ✓		7347	2449		1460 ✓	
	11755		199			0577		185		
5	11556		202 ✓			0392		182 ✓		
	11354		401			0210		367		
	34665	11555		1861 ✓		11790	0393		1827 ✓	
	32.786					17.732				

F.B. 2818 P.G. 253

76P526-CE 379—10-57

(18) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny-Clear Inst. No. 15066
Notes by: A.R. Workman Time: 2:00 2:30 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-52 To: BM 8-51
Date: 29 SEP 60
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	10299	32 786	186	186		0600	17.732	192	192	
6	10113		182			0408		188		
	09931		368			0220		380		
	30343	10114		2229		12280409			2207	
	10038		176			1116		176		Summation of Run
7	9862		174			0940		177		From B.M. 8-52
	9688		350			0763		353		To B.M. 8-51
	29588	9862		2579		38190939			2560	Total Backsights = + 77.674 6
	10332		182			0812		185		Total Foresights = − 25.588 90
8	10150		182			0627		187		Diff. Elev. = + 52.086
	9968		364			0440		372		
	30450	10150		2943		18790626			2932	Backsight stadia = 3.524
	8206		174			1901		178		Foresight Stadia = 3.554
9	8032		172			1723		176		Total Stadia = 7.078
	7860		346			1547		354		.46 mi
	24098	8032		3289		51711723			3286	4
	6848		117			4293		133		BM 8-51
10	6731		118			4160		135		Long Beach Blvd and 44th
	6613		235			4025		268		St. see F.B. 1209-43
	20192	6730		3524		12478	4159		3554	
		77.674 6					25.588 90			

F.B. 2818 PG. 254

76P526-CE 379—10-57

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10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks Weather: Sunny Inst. No. 15066
Notes by: F. E. Brooks Time: 9:25 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-52 To: BM 8-53
Date: ~~30 SEP 60~~ 30 Sept. 60.
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.914		.072			1.118		063		BM 8-52
	4.842		.072			1.055		064		Long Beach Blvd and Arbor
	4.770		144			0.991		127		St. See F.B. 1209-44
	14.526	4.842			72°	3.164	1.055			π LeGault
										BM 8-53 (U.S. 4662
										Long Beach Blvd and 48th
										St. See F.B. 1209-44
										steel tape used for foresight
										Summation of Run: From B.M. 8-52 To B.M. 8-53
										Total Backsights = + 4.842
										Total Foresights = − 1.055
										Diff. Elev. = + 3.787
										Backsight stadia = 144
										Foresight Stadia = 127
										Total Stadia = .271
										.02 mi.
		4.842					1.055			

F.B. 1209 P.G. 255

76P526-CE 379—10-57

(12) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 16066
Notes by F. E. Brooks Time 9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-53 To BMB-52
Date ~~30 SEP 60~~ 30 Sept 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.118 1.051 0.988		.067 .063 130			4.910 4.840 4.769		.070 .071 .141		BMB-53 (U.S. 4562) Long Beach Blvd and 48th St. See F.B. 1209-44 steel tape used for Backsight
	3.157	1.052		130	72°	14.519	4.840		141	
										BMB-52 Long Beach Blvd and Arbor St. See F.B. 1209-44 T LeGault
										Summation of Run From B.M. B-53 To B.M. B-52
F.B. 1328 PG. 256										Total Backsights = + 1.052 Total Foresights = − 4.840 Diff. Elev. = − 3.788
										Backsight stadia = .130 Foresight Stadia = .141 Total Stadia = .271 .02 mi.
		1.052					4.840			

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Overcast Inst. No. 15066
Notes by R. Turrill Time 9:45 - 10:30 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-53 To BM 8-54B
Date 30 sept 1963
Indexed H. E. OB

Number of Station	BACKSIGHT Thread 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	0.908		047			1364		047		B.M. 8-53
	0.861		043			1315		048		Long Beach Blvd & 48th St
	0.818		090			1266		097		see F.B. 1209-44
	2.587	0862		090	74°	3945	1315		097	steel tape used on Back sight
2	11.096		028			2096		029		T Le Gault
	11.068		028			2067		029		
	11.040		056			2038		058		
	33.204	11068		146		6201	2067		155	
3	11.098		073			3027		075		
	11.025		074			2952		072		
	10.951		147			2880		147		
	33.074	11025		293		8859	2953		302	
4	4820		188			5457		186		
	4632		185			5271		183		
	4447		373			5088		369		
	13.899	4633		666		15816	5272		671	
5	4998		188			5422		189		
	4810		188			5233		187		
	4622		376			5046		376		
	14430	4810		1042		15701	5234		1047	
		32.398					16.841			

F.B. 2028 P.G. 25

76P526-CE 379—10-57

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by B. Turrill
Weather overcast
Time 9:45 - 10:30
Inst. No. 15066
Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-53 To B.M. 8-54B
Date 30 sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	5013	32.398	186	1042		5621	16.841	190	1047	
	4827		188			5431		190		
	4639		374			5241		380		
	14479	4826		1416		16293	5431		1427	
7	5025		187			5419		189		
	4838		187			5230		188		
	4651		374			5042		377		
	14514	4838		1790		15691	5230		1804	
8	4957		188			5287		187		
	4769		189			5100		187		
	4580		377			4913		374		
	14306	4769		2167		15300	5100		2178	
9	5001		184			5217		187		
	4817		188			5030		187		
	4629		372			4843		374		
	14447	4816		2539		15090	5030		2552	
10	5165		187			5400		188		
	4978		188			5212		185		
	4790		375			5027		373		
	14933	4978		2914		15639	5213		2925	
		56.625					42.045			

F.B. 1828 PG. 158

76P526-CE 379—10-57

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turri Time 9:45 - 10:30 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-53 To B.M. 8-54B
Date 30 Sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	4986	56.625	187	2914		5243	42845	187	2925	
	4799		187			5056		187		
	4612		374			4869		374		
	14397	4799		3288		15168	5056		3299	
12	5108		188			5186		187		Summation of Run From B.M. 8-53 To B.M. 8-54B
	4920		189			4999		188		
	4731		377			4811		375		
	14759	4920		3665		14996	4999		3674	
13	5042		186			5207		185		Total Backsights = + 81.074 3
	4856		186			5022		182		Total Foresights = − 67.830
	4670		372			4840		367		Diff. Elev. = + 13.243
	14569	4856		4037		15069	5023		4091	
14	5094		188			5119		191		Backsight stadia = 46.40
	4906		189			4928		189		Foresight Stadia = 46.44
	4717		377			4739		380		Total Stadia = 92.84
	14717	4906		4414		14786	4929		4421	= .58 mi. 5 9
15	5081		112			5090		111		BM 8-54B. Union Pacific R.R. at L.A. River
	4969		114			4979		112		
	4855		226			4867		223		See F.B. 2828-
	14905	4968		4640		14936	4979		4644	
	81.074 / 3					67.830 / 6				

F.B. 2818 P.G. 25

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 11:05 – 11:50 Rod No. 31 & 32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-54B To B.M. 8-53
Date 30 sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5109 4993 4880		116 113 229			5093 4982 4872		111 110 221		B.M. 8-54B Union Pacific R.R. at L.A. River See F.B. 2828-
	14982	4994		229	76°	14947	4982		221	
2	5217 5026 4837		191 189 380			5198 5008 4818		190 190 380		T Le Gault
	15080	5027		609		15024	5008		601	
3	5271 5088 4902		183 186 369			5103 4915 4730		188 185 373		
	15261	5087		978		14748	4916		974	
4	5245 5060 4871		185 189 374			5171 4984 4799		187 185 372		
	15176	5059		1352		14954	4985		1346	
5	5278 5090 4902		188 188 376			5019 4830 4693		189 187 376		
	15270	5090		1728		14492	4831		1722	
	25257					24722				

F.B. 2819 PG. 260

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turri Time 11:05 – 11:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-548 To B.M. 8-53
Date 30 sept. 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5470	25.257	188	1728		5239	24.722	188	1722	
	5282		185			5051		189		
	5097		373			4862		377		
	15849	5283		2101		15152	5051		2099	
7	5217		188			4999		188		T Le Gault
	5029		188			4811		188		
	4841		376			4623		376		
	15087	5029		2477		14433	4811		2475	
8	5324		186			4998		188		
	5138		187			4810		188		
	4951		373			4622		376		
	15413	5138		2850		14430	4810		2851	
9	5367		187			4972		189		
	5180		189			4783		185		
	4991		376			4598		374		
	15538	5179		3226		14353	4784		3225	
10	5617		189			5010		189		
	5428		190			4821		186		
	5238		379			4635		375		
	16283	5428		3605		14466	4822		3600	
	51.314					49.000				

F.B. 2129 P.G. 261

76P526-CE 379—10-57

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10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 11:05 - 11:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-54 B To B.M. 8-53
Date 30 sept 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	5409	51.314	190	3605		4980	49.000	188	3600	
	5219		188			4792		188		
	5031		378			4604		376		
	15659	5220		3983		14376	4792		3976	
12	5430		184			4797		186		Summation of Run
	5246		185			4611		187		From B.M. 8-54 B
	5061		369			4424		373		To B.M. 8-53
	15737	5246		4352		13832	4611		4349	Total Backsights = + 68.0743
13	3118		074			11187		075		Total Foresights = − 81.3176
	3044		074			11112		073		Diff. Elev. = − 13.243
	2970		148			11039		148		Backsight stadia = 4.658
	9132	3044		4500		33338	11113		4497	Foresight Stadia = 4.642
14	2000		030			11002		029		Total Stadia = 9.300
	1970		029			10973		026		= .5~~7~~ 8 9 mi
	1941		059			10947		055		
	5911	1970		4559		32922	10974		4552	
15	1330		050			0871		043		BM 8-53
	1280		049			0828		047		Long Beach Blvd and 48th St. see F.B. 1209-44
	1231		099			0781		090		
	3841	1280		4658		2480	0827		4642	steel tape used on Foresight.
		68.074 B					81.317 6			

F.B. 2828 P.G. 262

76P526-CE 379—10-57

(A) 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 25066
Notes by R. Turrill Time 10:30 - 10:45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-54B To BMB-55A
Date 30 sept. 1960
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	5376		186			4841		181		B.M. 8-54B
	5190		183			4660		181		Union Pacific R.R. at L.A. River
	5007		369			4479		362		see F.B. 2828-14
	15573	5191		369	76°	13980	4660		362	
2	4973		182			4954		182		π LeGault
	4791		181			4772		181		
	4610		363			4591		363		Summation of Run From B.M. 8-54B To B.M. 8-55A
	14374	4791		732		14317	4772		725	
3	4848		186			4823		182		
	4662		183			4641		182		Total Backsights = + 19.276
	4479		369			4459		364		Total Foresights = − 19.354
	13989	4663		1101		13923	4641		1089	Diff. Elev. = − 0.078
4	4667		036			5320		038		BM 8-55A
	4631		036			5282		040		Union Pacific R.R. at
	4595		072			5242		078		L.A. River See F.B. 1209-27
	13893	4631		1173		13844	5281		1167	
										Backsight stadia = 1.173
										Foresight Stadia = 1.167
										Total Stadia = 2.340
										.18 mi.
										3
			19.276					19.354		

F.B. 2828 P.G. 263

76P526-CE 379—10-57

10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather overcast Inst. No. 15066
Notes by R. Turrill Time 10:50 - 11:00 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-55A To B.M. 8-54B
Date 30 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5343 5303 5264		040 039 079			4687 4651 4616		036 035 071		B.M. 8-55A. Union Pacific R.R. at L.A. River see F.B. 1209-271
	15910	5303		079	76°	13954	4651		071	
2	4883 4699 4513		184 186 370			4901 4719 4538		182 181 363		T Le Gault.
	14095	4698		449		14158	4719		434	Summation of Run From B.M. 8-55A To B.M. 8-54B
3	4880 4698 4518		182 180 362			4901 4720 4538		181 182 363		Total Backsights = + 19.484 Total Foresights = − 19.405 Diff. Elev. = + 0.079
	14096	4699		811		14159	4720		797	
4	4969 4783 4600		186 183 369			5500 5315 5131		185 184 369		BM 8-54 B Union Pacific R.R. at L.A. River see F.B. 2828-14
	14352	4784		1180		15946	5315		1166	
										Backsight stadia = 1.180 Foresight Stadia = 1.166 Total Stadia = 2.346 .18 mi.
		19.484					19.405			

F.B. 2828 PG. 264

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76P526-CE 379—10-57

@ 10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 15:15 + 15:20 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-55A To BM 8-55B
Date 30 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5713		42			5751		39		BM 8-55A
	5671		44			5712		39		Union Pacific R.R. at L.A.
1	5627		86✓			5673		78✓		River See F.B. 1209-271
	17011	5670✓		86✓		17136	5712✓		78✓	T LeGault
										BM 8-55B
										Union Pacific R.R. at L.A.
										River See F.B. 2828-14
										Summation of Runs
										From B.M. 8-55A
										To B.M. 8-55B
										Total Backsights = + 5670
										Total Foresights = − 5712
										Diff. Elev. = − 0.042✓
										Backsight stadia = 086
										Foresight Stadia = 078✓
										Total Stadia = 164✓
										= .01 mi.

F.B. 2828 P.G. 14

76P526-CE 379—10-57

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© 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R. Turrill Time 15:10 - 15:13 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-55B To BMB-55A
Date 30 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5782 5743 5706		39 37 76			5742 5700 5660		42 40 82		BMB-55B Union Pacific R.R. at L.A. River see F.B. 2828-14 T. Le Gault
	17231	5744		76		17102	5701		82	
										BMB-55A Union Pacific R.R. at L.A. River see F.B. 1209-271
										Summation of Run From B.M. B-55B To B.M. B-55A
										Total Backsights = + 5744 Total Foresights = − 5701 Diff. Elev. = + 0.043
										Backsight stadia = 076 Foresight Stadia = 082 Total Stadia = 158 = .01 mi.

F.B. 2828 P.G. 266

76P526-CE 379—10-57

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10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Barlotti Time 9:05 - 9:30 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-55B To BMB-56A
Date 8 OCT 60
Indexed H. E. OTT

Number of Station	BACKSIGHT Thread 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	4.948		0.108			5.591		.102		BMB-55B
	4.840		0.109			5.489		.102		Union Pacific R.R. at L.A.
	4.731		.217			5.387		.204		River see F.B. 2228-14
	14.519	4.840		.217	74°	16.467	5.489		.204	π Le Gault
2	4.838		.187			5.841		.190		Summation of Run
	4.651		.190			5.651		.188		From B.M. B-55B
	4.461		.377			5.463		.378		To B.M. B-56A
	13.950	4.650		.594		16.955	5.652		.582	Total Backsights = + 18.999
3	5.018		.201			6.274		.191		Total Foresights = − 22.231
	4.817		.203			6.083		.190		Diff. Elev. = − 3.232
	4.614		.404	.998		5.893		.381		
	14.449	4.816				18.250	6.083		.963	
4	4.869		.177			5.200		.192		BMB-56A
	4.692		.174			5.008		.195		Union Pacific R.R. and
	4.518		.351			4.813		.387		Pacific Electric R.R.
	14.079	4.693		1.349		15.021	5.007		1.350	see F.B. 1209-272
										Backsight stadia = 1.349
										Foresight Stadia = 1.350
										Total Stadia = 2.699
										.15 mi.
	18.999					22.231				7

F.B. 2228 P.G. 267

76P526-CE.379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by R Turrill Time 14:50 - 15:10 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-56A To BM 8-55B
Date 30 Sept 1960
Indexed E. E. Orr

Number of Station	BACKSIGHT Thread 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	5202 5018 4832	5017	184 186 370	370	78°	4888 4702 4519	4703	186 183 369	369	BM 8-56 A Union Pacific R.R. and Pacific Electric R.R. see F.B. 1209-272
2	6355 6167 5975	6166	188 192 380	750		5101 4899 4693	4898	202 206 408	777	T Le Gault Summation of Run From B.M. 8-56 A To B.M. 8-55 B
3	5878 5689 5501	5689	189 188 377	1127		4881 4690 4500	4690	191 190 381	1158	Total Backsights = + 22.422 Total Foresights = − 19.195 Diff. Elev. = + 3.227
4	5658 5550 5443	5550	108 107 215	1342		5008 4903 4800	4904	105 103 208	1366	BM 8-55 B Union Pacific R.R. and L.A. River see F.B. 2828-14
										Backsight stadia = 1.342 Foresight Stadia = 1.366 Total Stadia = 2.708 .15
		22.422					19.195			

F.B. 2828 P.G. 268

76P526-CE 379—10-57

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Chief of Party: F. E. Brooks Weather: Sunny - Clear Inst. No. 15066
Notes by: R. Turrill Time: 13:15 - 14:05 Rod No. 31-32

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 8-56 A To: BM 8-57
Date: 30 Sept 1960
Indexed: H. E. Ott

Number of Station	BACKSIGHT Thread 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	4381		071			4292		069		BM 8-56 A
	4310		071			4223		069		Union Pacific R.R. and Pacific
	4239		142			4154		138		Electric R.R.
	12930	4310		142	78	12669	4223		138	See F.B. 1209 - 272
2	5109		112			5261		106		T Le Gault
	4997		111			5155		104		
	4886		223			5051		210		
	14992	4997		365		15467	5156		348	
3	4927		078			11462		058		
	4849		077			11404		058		
	4772		155			11346		116		
	14548	4849		520		34212	11404		464	
4	1612		048			11802		051		
	1564		048			11751		051		
	1516		096			11700		102		
	4692	1564		616		35253	11751		566	
5	1447		050			5484		049		
	1397		049			5435		048		
	1348		099			5387		097		
	4192	1397		715		16306	5435		663	
		12117					37969			

F.B. 1209 P. 269

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather sunny - clear Inst. No. 15066
Notes by R. Turri II Time 13:15 - 14:05 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BMB-56 To BMB-57
Date 20 Sept 1960
Indexed H. E. OD

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5622	17.117	188	715		4563	37.969	191	663	
6	5434		185			4372		190		
	5249		373			4182		381		
	16305	5435		1088		13117	4372		1044	
	4946		174			5583		192		
7	4772		172			5391		191		
	4600		346			5200		383		
	14318	4773		1434		16174	5391		1421	
	5493		191			5874		184		
8	5302		189			5690		186		
	5113		380			5504		370		
	15908	5303		1814		17068	5689		1797	
	5511		172			5592		178		
9	5339		174			5414		175		
	5165		346			5239		353		
	16015	5338		2160		16245	5415		2150	
	5583		194			5658		192		
10	5389		192			5466		193		
	5197		386			5273		385		
	16169	5390		2546		16397	5466		2535	
	43.356					64.302				

F.B. 2828 pg. 270

76P526-CE 379---10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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.

Q 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny-clear Inst. No. 15866
Notes by R. Turrill Time 13:15-14:05 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-56A To B.M. 8-57
Date 30 sept. 1960
Indexed H. E. O.

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
11	5637	43.356	194	2546		5677	64.302	195	2535
	5443		193			5482		192	
	5250		387			5290		387	
	16330	5443		2933		16449	5483		2922
12	5237		186			5590		187	
	5051		182			5403		183	
	4869		368			5220		370	
	15157	5052		3301		16213	5404		3292
13	5259		178			5810		179	
	5081		179			5631		178	
	4902		357			5453		357	
	15242	5081		3658		16894	5631		3649
14	5742		122			6182		142	
	5620		122			6040		140	
	5498		244			5900		282	
	16860	5620		3902		18122	6041		3931

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 8-56A
To B.M. 8-57

Total Backsights = + 64.552
Total Foresights = − 86.861
Diff. Elev. = − 22.309
10

Backsight stadia = 3.902
Foresight Stadia = 3.931
Total Stadia = 7.833
4 mi.
9

BMB-57
Santa Fe Ave and Dominguez St. See F.B. 1209-42

F.B. 2818 P.G. 27

64.552 86.861

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather sunny - clear Inst. No. 15066
Notes by R. Turrill Time 14:10 - 14:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-57 To B.M. 8-56A
Date 30 sept. 1960
Indexed H. E. On

Number of Station	BACKSIGHT Thread 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	6157 6016 5872		141 144 285			5715 5591 5470		124 121 245		B.M. 8-57 Santa Fe Ave and Dominguez St. see F.B. 1209-47
	18045	6015		285		16776	5592		245	
2	5901 5723 5545		178 178 356			5351 5174 4998		177 176 353		T Le Gault
	17169	5723		641		15523	5174		598	
3	5609 5423 5240		186 183 369			5256 5071 4888		185 183 368		
	16272	5424		1010		15215	5072		966	
4	5689 5495 5301		194 194 388			5649 5455 5261		194 194 388		
	16485	5495		1398		16365	5455		1354	
5	5696 5515 5333		181 182 363			5694 5490 5233		204 207 411		
	16544	5515		1761		16317	5439		1765	
		28.172					26.732			

F.B. 2829 PG. 272

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny clear Inst. No. 15066
Notes by T. Turrill Time 14:10 - 14:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0381.02
From B.M. 8-57 To B.M. 8-57A
Date 30 Sept 1960
Indexed H.E. Orr

Number of Station	BACKSIGHT Thread 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	5618	28.172	177	1761		5537	26.732	174	1763	
	5441		179			5363		172		
	5262		356			5191		346		
	16321	5440		2117		16091	5364		2111	
7	6002		194			5612		189		T Le Gault
	5808		195			5423		190		
	5613		389			5233		379		
	17423	5808		2506		16268	5423		2490	
8	5540		183			4921		181		
	5357		185			4740		182		
	5172		368			4558		363		
	16069	5356		2874		14219	4740		2853	
9	4490		186			5551		184		
	4304		184			5367		186		
	4120		370			5181		370		
	12914	4305		3244		16099	5366		3223	
10	5108		045			1078		054		
	5063		044			1024		051		
	5019		089			0973		105		
	15190	5063		3333		3075	1025		3328	
		54.144					48.650			

F.B. 2128 P.G. 273

76P526-CE 379—10-57

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

® 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by R. Turri II
Weather Sunny, clear Inst. No. 15066
Time 14:10 - 14:50 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From B.M. 8-57 To B.M. 8-56A
Date 30 Sept 1960
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
11	11398	54.144	050	3333		1207	48.650	047	3328
	11348		052			1160		050	
	11296		102			1110		097	
	34042	11347		3435		3477	1159		3425
12	11383		063			4834		071	
	11320		064			4763		071	
	11256		127			4692		142	
	33959	11320		3562		14289	4763		3567
13	5180		105			5026		112	
	5075		105			4914		110	
	4970		210			4804		222	
	15225	5075		3772		14744	4915		3789
14	4258		070			4347		073	
	4188		069			4274		071	
	4119		139			4203		144	
	12565	4188		3911		12824	4275		3933
	86.074					63.762			

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 8-57
To B.M. 8-56A

Total Backsights = + 86.074
Total Foresights = − 63.762
Diff. Elev. = + 22.312

Backsight stadia = 3.911
Foresight Stadia = 3.933
Total Stadia = 7.844
.49 mi.

BM 8-56A
Union Pacific R.R. and
Pacific Electric R.R.
See F.B. 1209-272

F.B. 2828 P.G. 274

76P526-CE 379—10-57

@ 10-2-61

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No 15066
Notes by A. R. Bacilatti Time 10:00-10:45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-57 To BM 5-37
Date 3 OCT 60
Indexed R. E. OTT

Number of Station	BACKSIGHT Thread 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	6617 6.430 6.242		.187 .188 .375		76°	5.544 5.358 5.170		.186 .188 .374		BM 8-57 Santa Fe Ave and Dominguez St. see F.B. 1209-47
	19.289	6.430		.375		16.072	5.357		.374	
2	5 326 5133 4948		.187 .185 .372			5611 5425 5239		.186 .186 .372		T LeGault
	15.401	5.134		.747		16.275	5.425		.746	
3	5.140 4.951 4.766		.189 .185 .374			5.342 5.154 4.969		.188 .185 .373		
	14.857	4.952		1.121		15.465	5.155		1.119	
4	5.192 5.007 4.820		.185 .187 .372			5.689 5.500 5.310		.189 .190 .379		
	15.019	5.006		1.493		16.499	5.500		1.498	
5	4.875 4.690 4.501		.185 .189 .374			5.049 4.861 4.673		.188 .188 .376		
	14.066	4.689		1.867		14.583	4.861		1.874	
	26.211					26.298				

FB 1209 pg 27

76P526-CE 379—10-57

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: A. R. Barilotti
Weather: Sunny
Time: 10:00 - 10:45
Inst. No.: 15066
Rod No.: 31-32

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 8-57 To: BM 5-37
Date: 3 OCT 50
Indexed: H. E. Orr

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
6	5.255	26.211	.188	1.867	74°	4.948	26.298	.186	1.874	
	5.067		.187			4.762		.185		
	4.880		.375			4.577		.371		
	15.202	5.067		2.242		14.287	4.762		2.245	
7	5.206		.186			5.470		.189		
	5.020		.189			5.281		.185		
	4.831		.375			5.096		.374		
	15.057	5.019		2.617		15.847	5.282		2.219	
8	5.298		.187			5.592		.188		
	5.111		.188			5.404		.185		
	4.923		.375			5.219		.373		
	15.332	5.111		2.994		16.215	5.405		2.992	
9	5.217		.186			5.400		.187		
	5.031		.188			5.213		.186		
	4.843		.374			5.027		.373		
	15.091	5.030		3.364		15.640	5.213		3.365	
10	5.424		.185			4.923		.187		
	5.239		.187			4.736		.187		
	5.052		.372			4.549		.374		
	15.715	5.238		3.738		14.208	4.736		3.739	
		51.676					51.696			

F.B. 2828 PG. 276

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 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 F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Barilotti Time 10:00 - 10:45 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 8-57 To BM 5-37
Date 3 OCT 60
Indexed H. E. OR

Number of Station	BACKSIGHT Thread 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	5658	51.676	.188	3.738	74°	6202	51.696	.182	3.739	
	5470		.187			6.020		.181		
	5283		.375			5838		363		
	16.411	5.470		4.113		18.060	6.020		4.102	
12	5.787		.059			9752		.058		BM 5-37 (U.S. 4097) Dominguez St. and Alameda St. See F.B. 1206-36
	5.728		.058			9.694		.057		
	5670		.117			9637		.115		
	17.185	5.728		4.230		29.083	9.694		4.217	
		62.874 5					67.410 1			

Summation of Run
From B.M. 8-57
To B.M. 5-37

Total Backsights = + 62.874 5
Total Foresights = − 67.410 1
Diff. Elev. = − 4.536
Backsight stadia = 4.230
Foresight Stadia = 4.217
Total Stadia = 8.447
= .48 m: .53

F.B. 7828 P.G. 277

76P526-CE 379—10-57

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

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by AR Barilotti Time 10:50 - 11:40 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 5-37 To BM 8-57
Date 3 OCT 50
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	9.792 9.734 9.676	9.734	.058 .058	.116 ✓	80°	5.826 5.768 5.709	5.768	0.58 0.59	.117 ✓	BM 5-37 (U.S. 4097) Dominguez St. and Alameda St. see F.B. 1206-36
	19.202			.116 ✓		17.303			.117 ✓	
2	6.291 6.110 5.926	6.109	.181 .184	.365 ✓		5.747 5.559 5.373	5.560	.188 .186	.374 ✓	
	18.327			.481 ✓		16.679			.491 ✓	
3	4.992 4.807 4.620	4.806	.185 .187	.372 ✓		5.497 5.309 5.122	5.309	.188 .187	.375 ✓	
	14.419			.853 ✓		15.928			.866 ✓	
4	5.319 5.132 4.947	5.133	.187 .185	.372 ✓		5.140 4.951 4.766	4.952	.189 .185	.374 ✓	
	15.398			1.225 ✓		14.857			1.240 ✓	
5	5.485 5.299 5.112	5.299	.186 .187	.373 ✓		5.190 5.002 4.817	5.003	.188 .185	.373 ✓	
	15.896			1.598 ✓		15.009			1.613 ✓	
	31.081					26.592				

F.B. 2028 PG. 278

76P526-CE 379—10-57

10-2-61

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Barilotti Time 10:50-11:40 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 5-37 To BM 8-57
Date
Indexed H. E. Ott

Number of Station	BACKSIGHT Thread 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	5379	31.081	.187	1.598		5.114	26.592	.186	1.613	
	5192		.184			4.928		.188		
	5008		.371			4.740		.374		
	15.579	5.193		1.969		14.782	4.927		1.987	
7	4746		.186			5055		.188		
	4560		.185			4867		.189		
	4375		.371			4678		.377		
	13.681	4.560		2.340		14.600	4.867		2.364	
8	5057		.187			4881		.184		
	4.870		.189			4.697		.186		
	4681		.376			4511		.370		
	14.608	4.869		2.716		14.089	4.696		2.734	
9	5691		.187			5200		.189		
	5504		.186			5.011		.188		
	5318		.373			4823		.377		
	16.513	5.504		3.089		15.034	5.011		3.111	
10	5472		.184			5.270		.187		
	5.288		.188			5.083		.184		
	5100		.372			4899		.371		
	15.860	5.287		3.461		15.252	5.084		3.482	
		56.494					51.177			

F.B. 2828 P.G. 279

76P526-CE 379—10-57

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

@ 10-2-61

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Sunny Inst. No. 15066
Notes by A. R. Barilotti Time 10:50-11.40 Rod No. 31-32

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM5-37 To BM8-57
Date 3 OCT 60
Indexed H. E. [illegible]

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5598 5411 5226 16.235	56.494 5.412	.187 .185 .372	3.261 3.833		[illegible] 5120 4932 15357	51.177 5.119	.185 .188 .373	3.482 3.855	
12	5568 5375 5186 16.129	5.376	.193 .189 .382	4.215		6.630 6.449 6266 19.345	6.448	.181 .183 .364	4.219	BM 8-57 Santa Fe Ave and Dominguez St. see F.B. 1209-47
										Summation of Run From B.M. 5-37 To B.M. 8-57 Total Backsights = + 67.282 Total Foresights = − 62.745 Diff. Elev. = + 4.537 Backsight stadia = 4.215 Foresight Stadia = 4.219 Total Stadia = 8.434 .48 mi .53
		67.282					62.745			

F.B. 0828 P.G. 280

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

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

Do not extend notes [illegible] side of this line.

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F. B. _____ Pg. _____