L.A. COUNTY

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

Survey of PRECISE LEVEL NET
JN 0301.02 Tape Std °F.
Surveyed by L.K. LIND
Notes LIND Date 7-24-62
Indexed C. J. GALLI SEP 13 '62

F.B. 2878 PG. 5

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

LEVEL LINE 202

B.M. DESCRIPTIONS AND BENCH LEVELS

Section # 1. Route. (BMS. 202-1 thru 202-13 inc.)

Sierra Hwy. From Soledad Cyn. Rd to the S.P. R.R.

S.P.R.R. From Sierra Hwy. to Sand Canyon.

Sand Cyn. Rd. From S.P.R.R. to Sierra Hwy.

Section 1 BM 202-1 thru 202-13 F.B. 2878 - 5 to 70

Section 2 " 202-14 " 202-24 " 2878 - 71 to 142 *

Section 3 " 202-25 " 202-55 { 2878 - 143 to 248
2879 - 5 to 102 *

Reruns BM 202-22, to 23 F.B. 2878 - 251, 252
" " 202-46, to 47 " " 255, 256

1-24-62
Lind
Myers
Huckaby
Valdez

SEE F.B. 3720 AND 3730 FOR ADDITIONAL B.M.'S (G.E.D. 1973)

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 this side of this line.

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 4-61

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

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

Do not extend this side of this line.

F.B. 2878 PG.

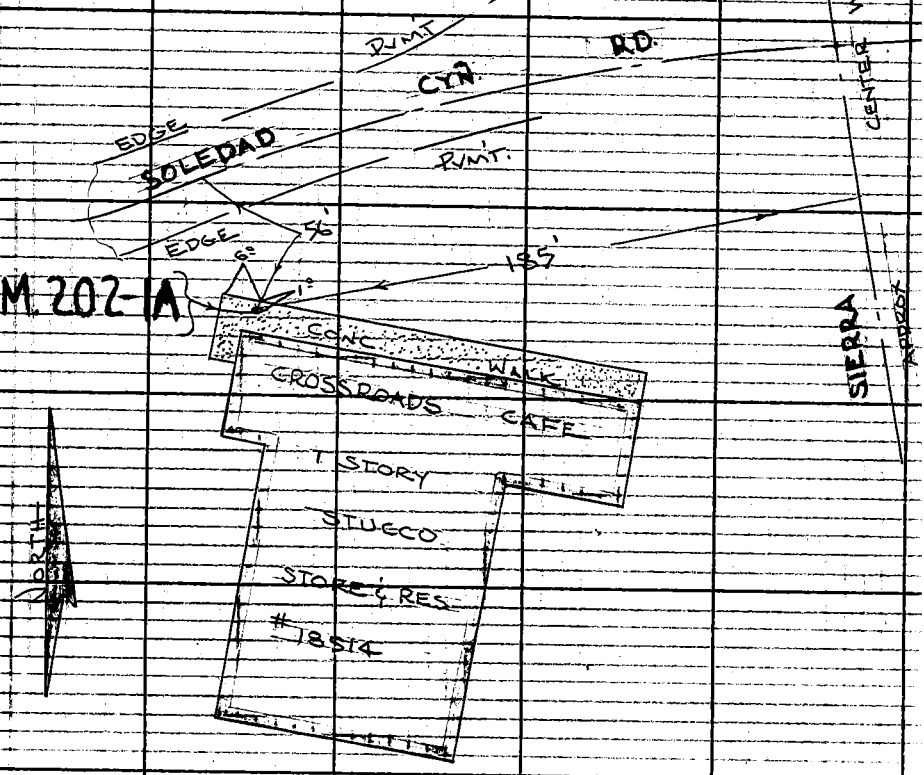
Notes Ck'd by:
Map No.
Office Work
Checked
Date

Survey of L.A. Co. PRECISE LEVELING F.B. 2878 PG. 7
JN 03-01-L Tape Std °F
Surveyed by GMD
Notes NIVEAS Date 7-11-62
Indexed C. J. GALLI

B.M. 202-1A (LOS ANGELES CO. ROAD DEPT BM. SL. 937)

THIS BENCH MARK IS NEAR THE INTERSECTION OF SIERRA HWY & SOLEDAD CANYON ROAD., ABOUT 185 FEET W'LY OF W'LY BARREL OF SIERRA HWY., AND ABOUT 5 FEET S'LY OF & SOLEDAD CANYON ROAD, NEAR N.W'LY COR. BLDG. #18514 (CROSSROADS CAFE) 6 FEET E'LY & 1 FOOT S'LY OF THE N.W. COR OF A CONC. WALK FD. A L&T.

B.M. 202-1A Not recovered. The Cross-Roads CAFE & Sidewalk have been removed, and a Service Station Erected on this site, 30-Mar-71 JOR



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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

76F3095 CE # 310 1-61

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

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

Do not extend this side of this line.

F.B. 2978 PG. 8

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by C.K. Lico
Checked	Notes R. Myers Date 7-24-62
Date	Indexed C. J. GALLI

F. B. 2878 PG. 9

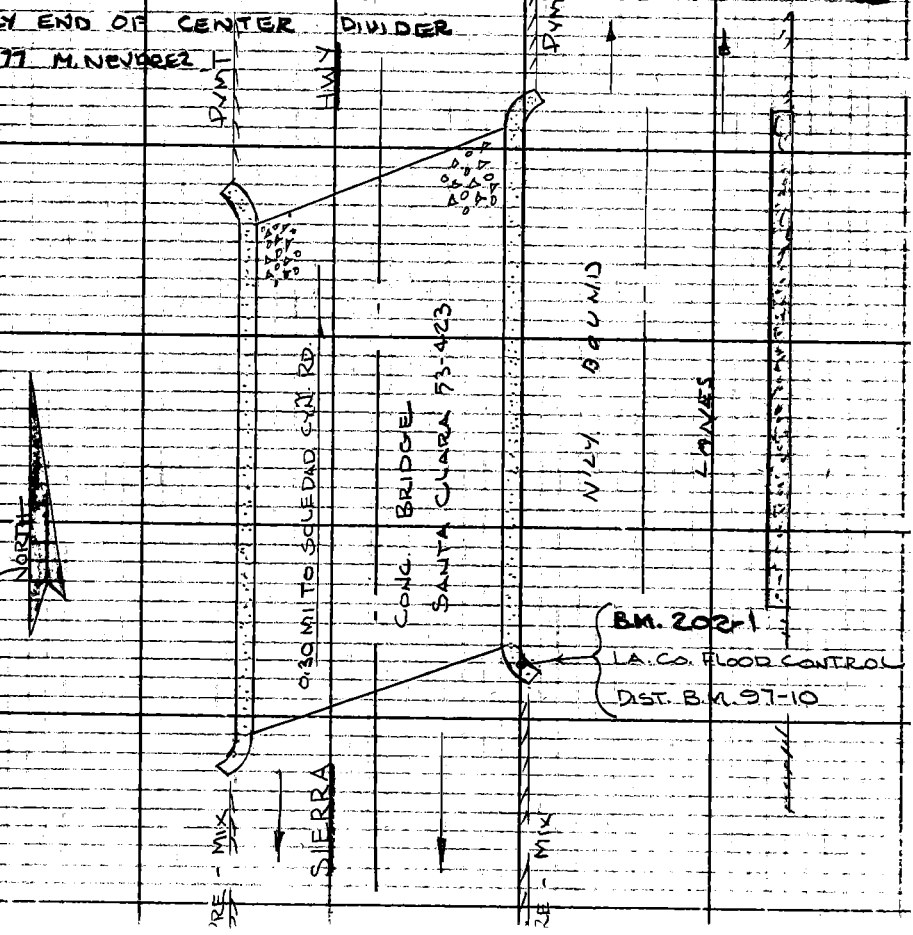
BM 202-1 (L.A. Co. FLOOD CONTROL DIST. BM. 97-10)

SIERRA HWY & SANTA CLARA BRIDGE #53-423, ABOUT 0.30 MI S'LY FROM SOLEDAD CANYON RD, S.E. COR. OF BRIDGE FD. A STD. BR. CAP MON. MARKED "LOS ANGELES COUNTY FLOOD CONTROL DISTRICT B.M. 97-10 1950", SET IN CON WALK FLUSH.

Recovered, Condition of disc seems O.K., although there has been extensive damage to the bridge abutment and surrounding area by the Earthquake on 9-Feb-71. 30-Mar-71 JBR

ADDITIONAL CONST. ON BRIDGE NOW CAUSES MON TO BE IN S'LY END OF CENTER DIVIDER

7-15-77 M. NEVAREZ



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on this Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
76F309S S&E #247 11-58

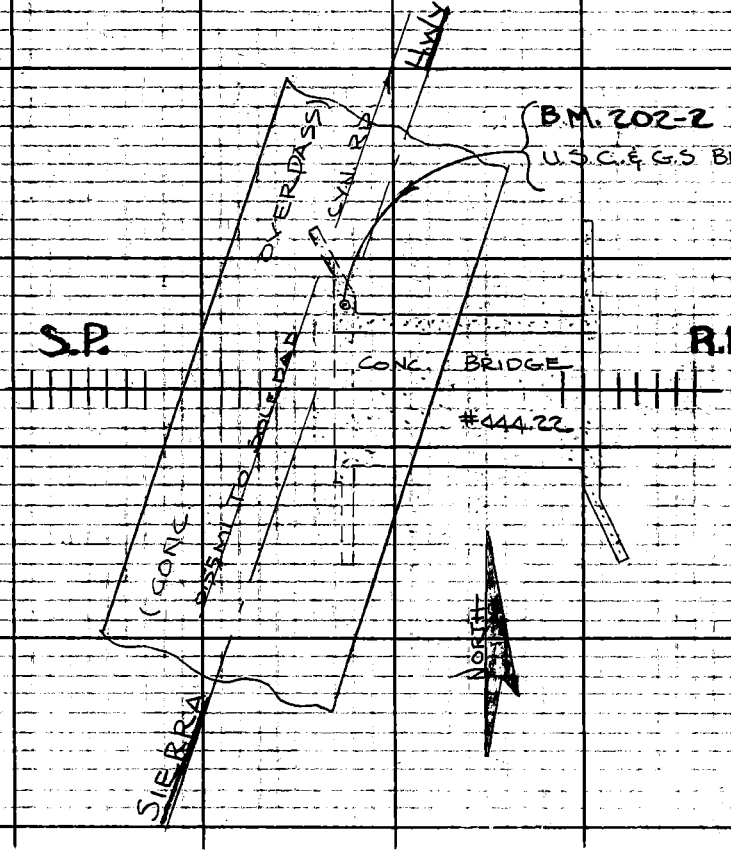
F. B. 2978 PG. 10

B.M. 202-2 (U.S.C. & G.S. BM E-486)

SIERRA HWY. & SOUTHERN PACIFIC RAIL ROAD CROSSING. ABOUT 0.55 MI. S'LY FROM SOLEDAD CANYON ROAD. UNDER CONC. OVERPASS TO S.P.R.R. AT CONC. BRIDGE 444.22 OVER A WASH, IN THE TOP OF THE "N" END OF THE W. CONC. ABUTMENT, 5.8 FEET "N" OF THE "N" RAIL, AND ABOUT 1.5 FEET LOWER THAN THE TRACK. FD A STD. BR DISK MKD. U.S. COAST & GEODETIC SURVEY E-486 1955"

Recovered in good Condition 30-Mar-71 Y&R

DESC OK 7-15-77 M. NEVAREZ



LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

Do not extend this side of this line.

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

Notes Ck'd by	Survey of Lo Co Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by C. K. Lind
Checked	Notes K. Myers Date 7-24-62
Date	Indexed C. J. GALLI

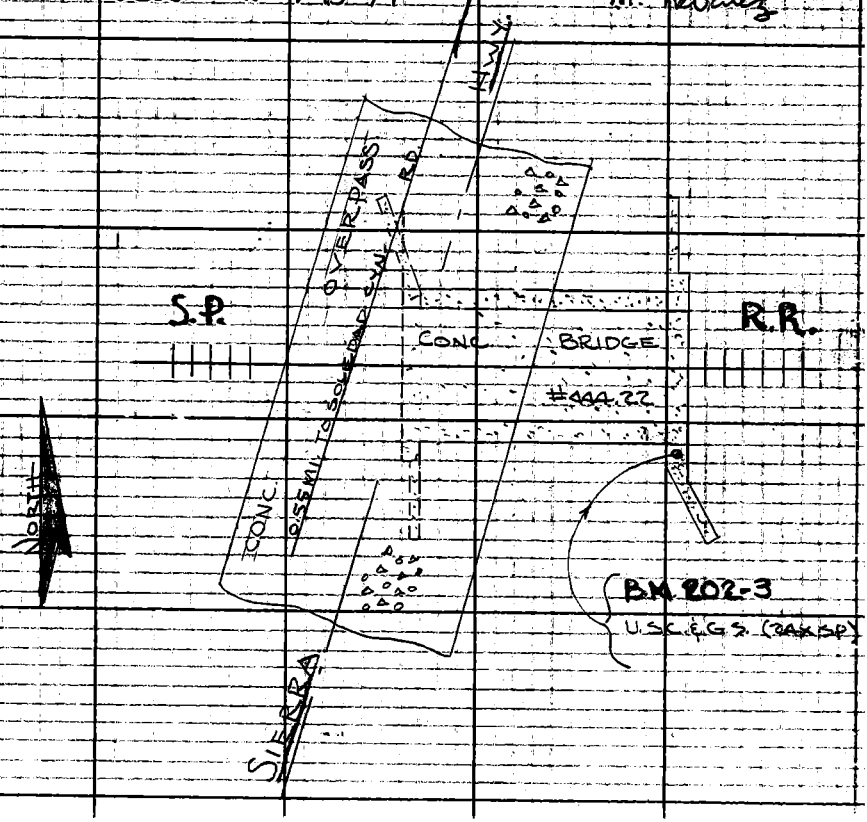
F.B. 2878 PG. 11

BM 202-3 (U.S.C. & G.S. (24X SP))

SIERRA HWY. & SOUTHERN PACIFIC RAIL ROAD CROSSING ABOUT 0.55 MI. SLY FROM SOLEDAD CANYON RD. UNDE CONC. OVERPASS TO SPRR, AT CONC. BRIDGE 444.22 OVER A WASH, IN THE TOP OF THE SOUTH END OF THE EAST CONC. ABUTMENT, 5.9 FEET SOUTH OF THE SOUT RAIL, 0.7 FOOT SOUTH OF THE SOUTH FACE OF THE SOUT CONC. HD. WALL, ABOUT 1.5 FEET LOWER THAN THE TRACK, FD. 1/4 IRON PLUG SET IN LEAD, IN THE CENTER OF A 2" CHISLED SQUARE, & MARKED BY THE PAINTED LETTERS & NUMBERS "B.M. #24X"

Recovered in good condition 30-Mar-71 JDK

DESC. OK 7-15-77 M. Nevarez



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 this side of this line.

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

76F309S S&E #247 11-58

F.B. 2218 PG. 12

B.M. 202-4 (U.S.C.&G.S. BM. SEC. 21+28 (G.L.O.))

DESCRIPTION

THIS BENCH MARK IS ON THE SOUTH SIDE OF THE SOUTHERN PACIFIC RAIL ROAD R/W, ABOUT 0.55 MI. SLY ALONG SIERRA HWY FROM SOLEDAD CANYON RD, TO THE CONC. OVERPASS OF THE S.P. RR. & SIERRA HWY., 370'± FEET ELY ALONG THE S.P.R.R. FROM CENTER OF THE CONC. OVERPASS, 50.4 FEET SLY FROM THE SLY RAIL, 0.3 FOOT ELY & 2.0 FEET SLY OF THE INTERSECTION OF TWO BARB. WIRE FENCES ONE RUNNING APPROX. E&W. & ONE RUNNING APPROX. N&S. ABOUT 6 FEET LOWER THAN THE TRACK.

BENCH MARK:

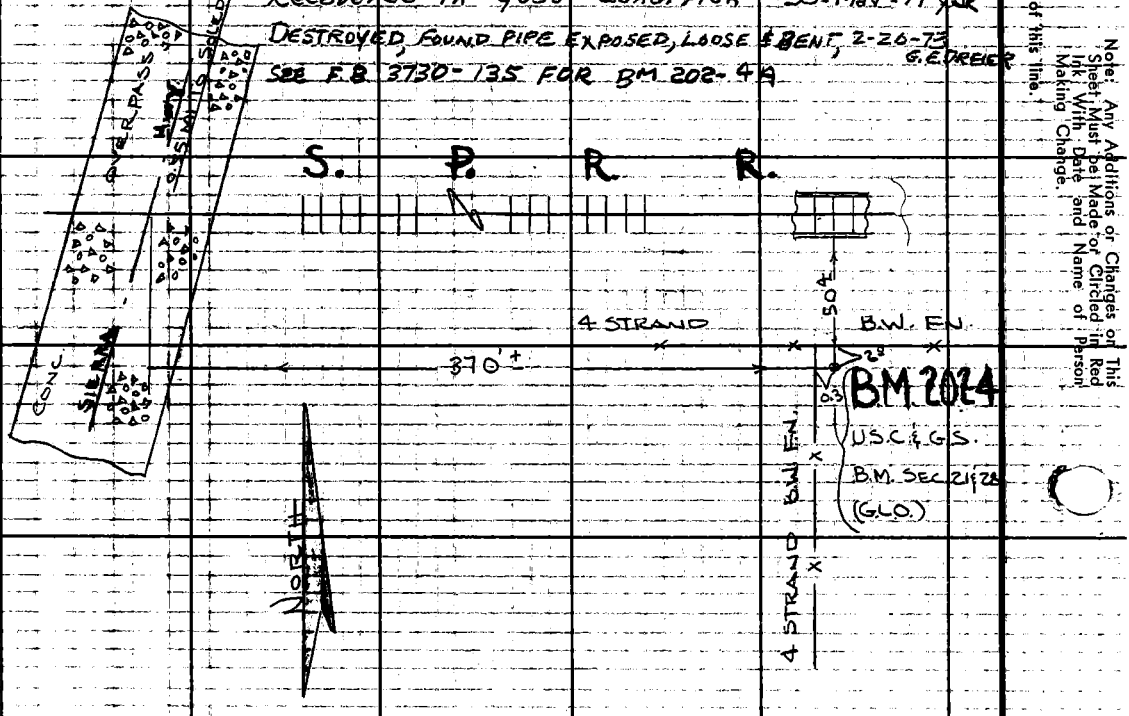
FD. 1½" I.P. & IRON CAP PROJECTING 0.3 FOOT ABOVE THE GROUND STAMPED "WITNESS CORNER TO ¼ SEC. COR. SECS 21 & 28 T4N, R15W S.B.M. TRUE CORNER 12 FT. NORTH"

NOTE: THE MARK IS LEANING SLIGHTLY. ROD HELD OVER "28" DURING THE 1955 LEVELING.

Recovered in good condition 30-May-71 JJR

DESTROYED, FOUND PIPE EXPOSED, LOOSE & BENT, 2-26-73 G.E. FREIGER

SEE F.B. 3730-135 FOR BM 202-4A



LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

Do not extend this side of this line.

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

L.A. Co

Notes Ck'd by	Survey of Precise Level Net	F. B. 2278	PG. 43
Map No.	J.N. 0301.02 Tape Std °F		
Office Work	Surveyed by C.K. Lind		
Checked	Notes C.K. Lind Date 7-25-62		
Date	Indexed B. J. GALLI		

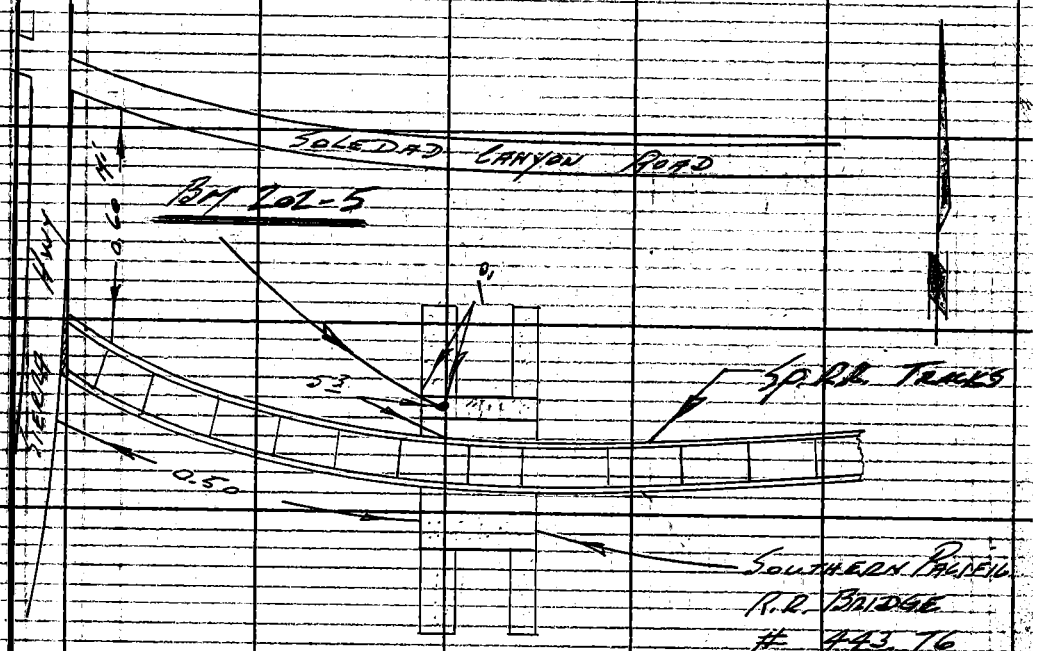
BM 202-5

THIS MARK IS ON THE SOUTHERN PACIFIC R.W. 0.50 MI EAST OF SIERRA HWY (US # 6) AT A CONC. R.R. BRIDGE # 443.76, IN THE TOP OF THE W. ABUTMENT 1° EAST OF THE WEST FACE AND 5.3 NORTH OF THE NORTH RAIL

A STD C.E. BRASS CAP (BOTTON TYPE) STAMPED B.M. 202-5 1962 RE 5869

Recovered in good condition 30-Mar-71 JGK

BM DESC OK 7-15-77 M.R. NEUAREZ



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

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F3095 CE # 310 3-61

F.B. 1918 PG. 14

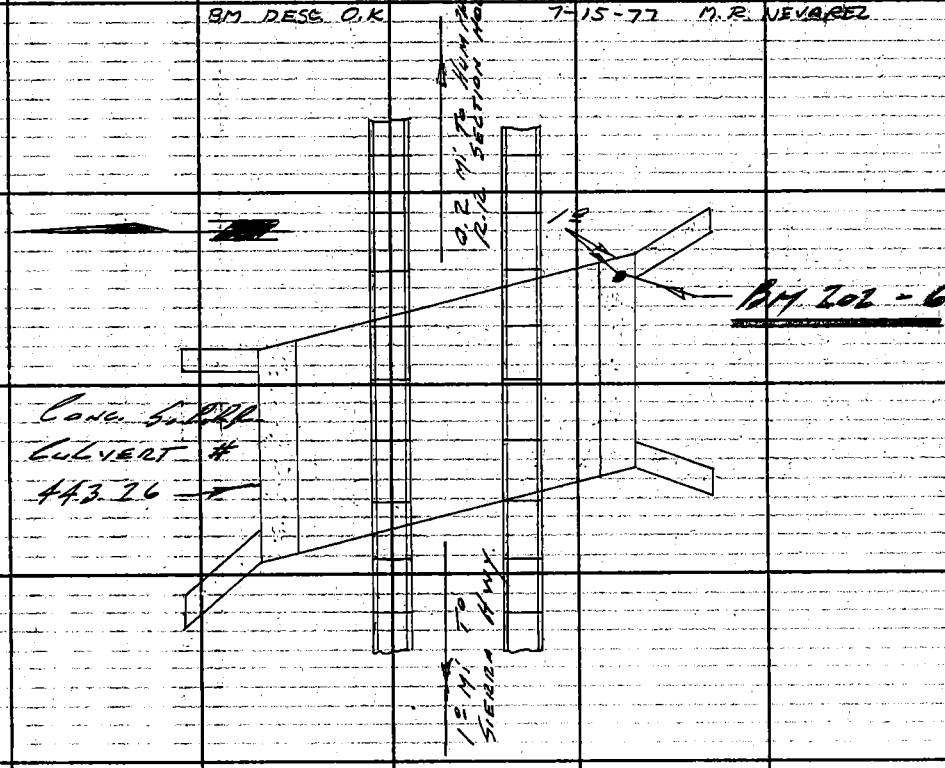
BM 202-6 (USC&GS BM F-486)

THIS BENCH MARK IS ALONG THE SOUTHERN PACIFIC RAILROAD, 0.2 OF A MILE WEST OF THE RAILROAD SECTION HOUSE AT HUMPHREYS AND ABOUT 1⅝ MI. EAST OF SIERRA HWY. IT IS 7½ POLES WEST OF MILE POLE 443. AT THE ARCHED CONC. RAILROAD CULVERT # 443.26 IN THE CENTER OF THE TOP OF THE SOUTH HEAD WALL 1⅝ WEST OF THE EAST END

MARK:
FOUND A STD USC&GS BM BRASS DISK STAMPED F-846 1955.

Recovered in good condition 30-Mar-71 JSR

BM DESC. O.K. 7-15-72 M.R. NEVAREZ



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this line.

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

Notes Ck'd by	Survey of LA Co PRECISE LEVELNET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by C.K. LIND
Checked	Notes C.K. LIND Date 7-18-62
Date	Indexed C. J. GALLI

F. B. 2878 PG. 14

BM. 202-7 (U.S.C.&G.S. G486)

DESCRIPTION

THIS BENCH MARK IS 0.3 MI EAST ALONG THE SOUTHERN PACIFIC COMPANY RAILROAD FROM THE SECTION HOUSE AT HUMPHREYS, 7 POLES EAST OF MILE POLE 443, AT 24" CONC. PIPE CULVERT #442.82, IN THE TOP OF THE NORTH CONC. HD. WALL, 1.6' EAST OF THE WEST END, 6.8 FEET NORTH OF THE NORTH RAIL OF THE MAIN TRACK, AND ABOUT 0.5 FOOT LOWER THAN THE TRACK.

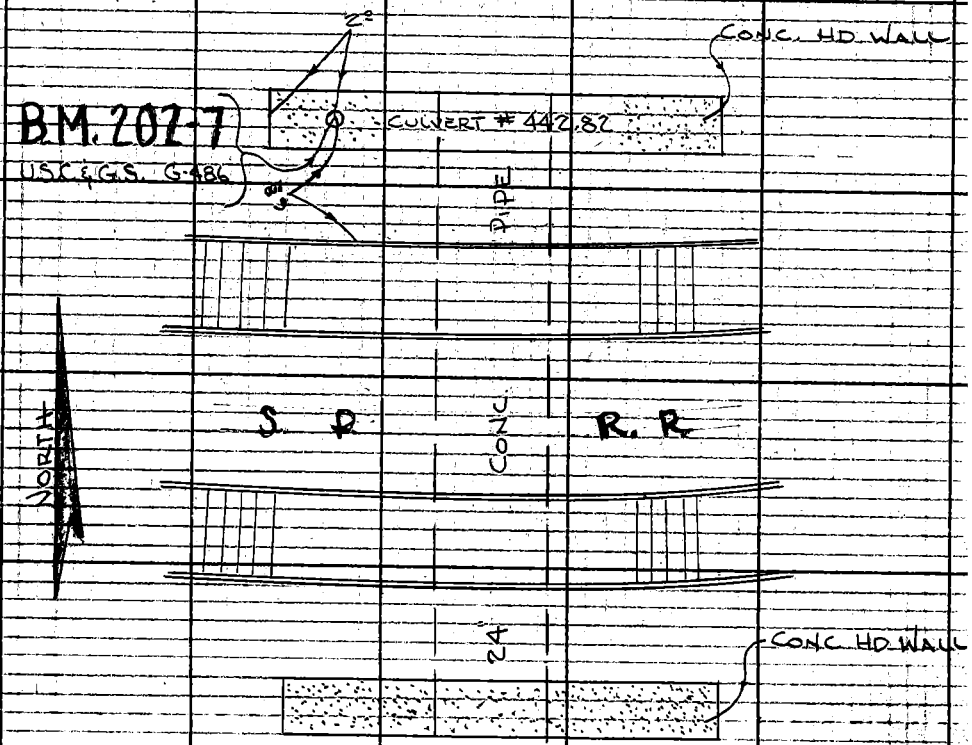
MARK:

FD. A STD. U.S.C.&G.S. BRASS DISK STAMPED "G-486 (1955)"

Recovered in good Condition 30-Mar-71 [illegible]

BM 202-7 DESTROYED 7-15-77 MR NEVAGO

SEE FB 3730-141 FOR BM 202-7A IN SAME LOCATION MRN



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

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

76F3095 CE # 310 3-61

F.B. 2978 PG. 16

BM 202-8

DESCRIPTION:

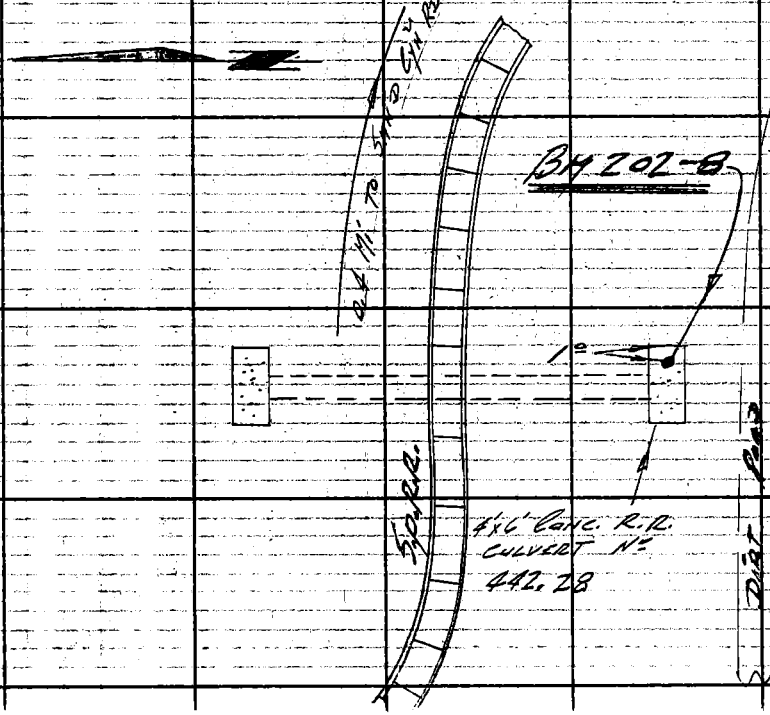
THIS BENCH MARK IS ALONG THE SOUTH SIDE OF THE SOUTHERN PACIFIC RAILROAD TRACKS 0.40 MI. WEST OF SAND CANYON ROAD. IT IS IN THE CENTER OF THE TOP OF THE SOUTH HEAD WALL OF A 4' x 4' CONC. CULVERT No. 442.28 1' WEST OF THE EAST END.

MARK:

SET A STD C.E. BRASS DISK (BUTTON TYPE) STAMPED BM 202-8, 1962, RE 5869.

Recovered In good condition 30-Mar-78 JR

B.M. DESC OK 7-15-77 M.R. NEVAREZ



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink, With Date and Name of Person Making Change.

L.A. Co

Notes Ck'd by	Survey of Precise Level Net	F.B. 2878 PG. 14
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by C.K. Lind	
Checked	Notes Lind Date 7-26-62	
Date	Indexed C. J. GALLI	

BM 202-9 (USC&GS H-486)

SAND CANYON ROAD AND THE SOUTHERN PACIFIC RAILROAD CROSSING. ABOUT 0.55 MI. SLY FROM SOLEDAD CANYON CANYON ROAD AT THE SOUTHERN PACIFIC WOOD, STEEL, AND CONC. RAILROAD BRIDGE # 441.84 OVER SAND CANYON. IN THE TOP OF THE NORTH END OF THE EAST CONC. ABUTMENT

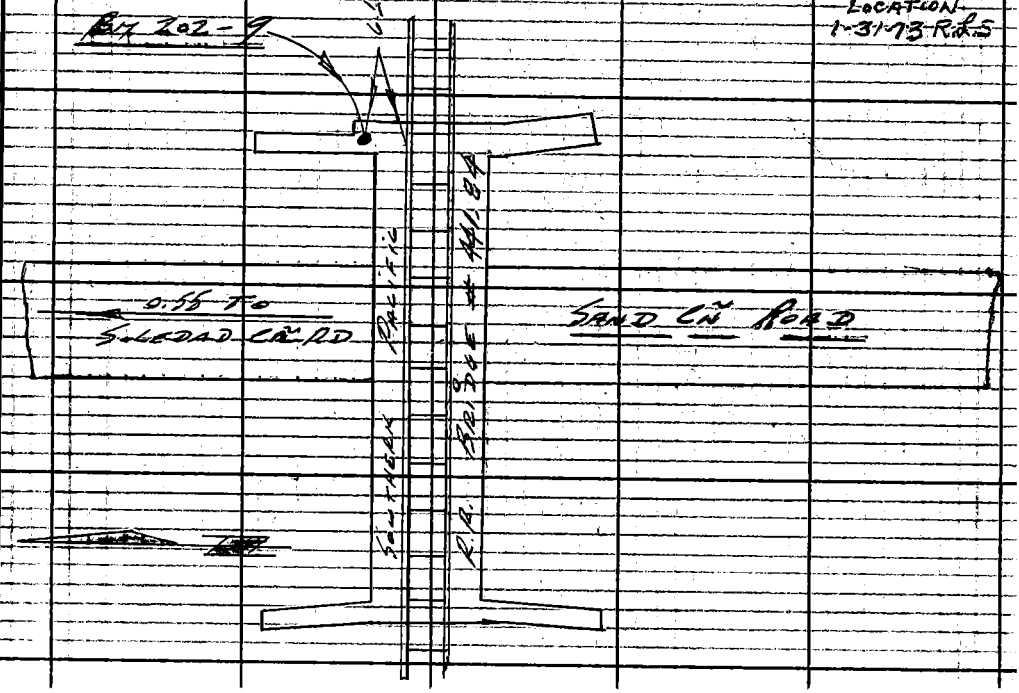
6.1 N. OF THE N. RAIL AND ABOUT 1° LOWER THAN THE TRACK

FOUND A STD U.S.C.& G.S. BRASS DISK STAMPED H 486 1955

Recovered in good Condition 2-Mar-71 YDR

" " " " 26-Mar-71 YDR

DESTROYED, DISC REMOVED, SEE F.B. 3730-145 FOR B.M. 202-9A, IN SAME LOCATION 1-31-73 R.L.S



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 this side of this line.

PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE # 310 3-61

F.B. 2978 PG. 18

BM 202-10

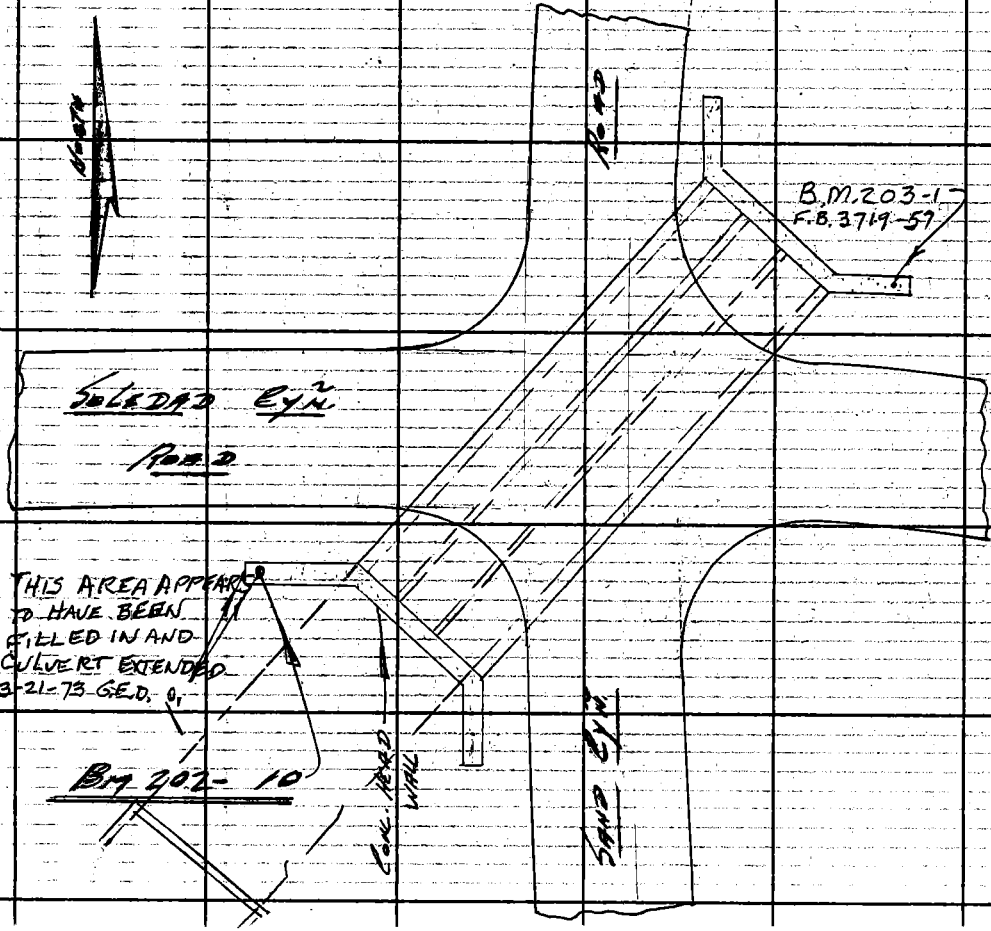
DESCRIPTION:

THIS BENCH MARK IS AT SAND CYN. ROAD AND SOLEDAD CYN. ROAD AT THE SOUTH WEST CORNER IN THE TOP OF A CONC. HEAD WALL 1± EAST OF THE WEST END.

MARK.

SET A STD. C.E. BRASS CAP (3-INCH TYPE) STAMPED BM 202-10 1962 RE5869

NOT RECOVERED 3-21-73 G.E.DREIER



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

Do not extend this side of this line.

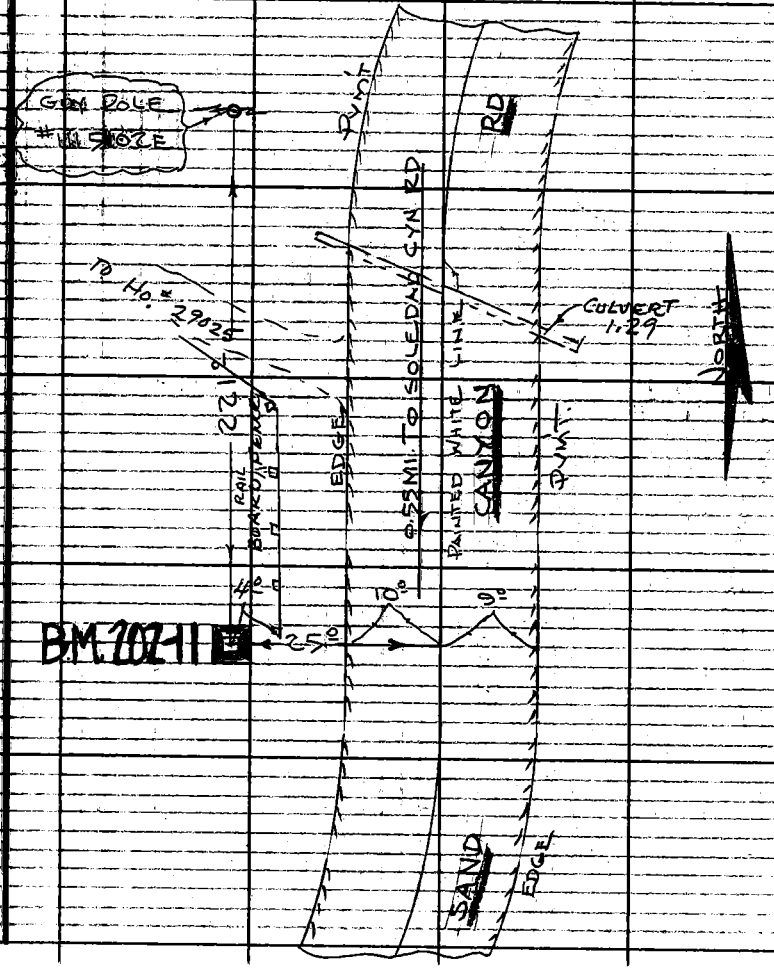
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of LA CO. PRECISE LEVEL NET	F.B. 2878 PG. 19
Map No.	JN 0201-02 Tape Std °F	
Office Work	Surveyed by C.K. Lind	
Checked	Notes K. Myers Date 7-27-62	
Date	Indexed C. J. GALLI	

B.M. 202-11

THIS BENCH MARK IS ON SAND CANYON RD, ABOUT 0.55 MI. NORTH OF SOLEDAD CANYON RD, 25 FEET WEST OF THE PAINTED WHITE LINE, & 221 FEET SOUTH OF GUY POLE #1115102E, SET A STD. CO. ENGR. BRASS CAP BUTTON TYPE MON. IN A 12"X12" CONC. PAD UP 6" STAMPED B.M. 202-11 (1962) R.E. 5869'.

REF MARK: SET A 2" YELLOW MARKER PIPE, 3' EAST OF MON. & UP 3 FEET.



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 this side of this line.

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

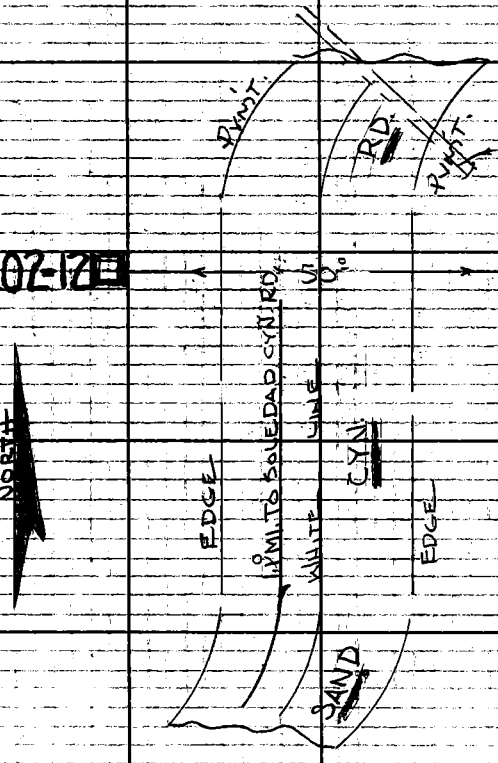
76F3098 SAE #247 11-58

F.B. 2878 PG. 20

B.M. 202-12

THIS BENCH MARK IS ON SAND CANYON ROAD, ABOUT 1¼ MI. NORTH OF SOLEDAD CANYON ROAD, 50 FEET OPPOSITE (IN A WLY DIRECTION) P.D.# 1248553E, SET A STD. CO. ENGR. BR. CAP BUTTON TYPE MON. IN 12"X12" CONC PAD UP 6", STAMPED "B.M. 202-12 (1962) RE 5869"

REF. MARK: SET 2" YELLOW MARKER PIPE 3 FEET EAST OF MON. AND UP 3 FEET



LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

Do not extend this side of this line.

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

LA COUNTY

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

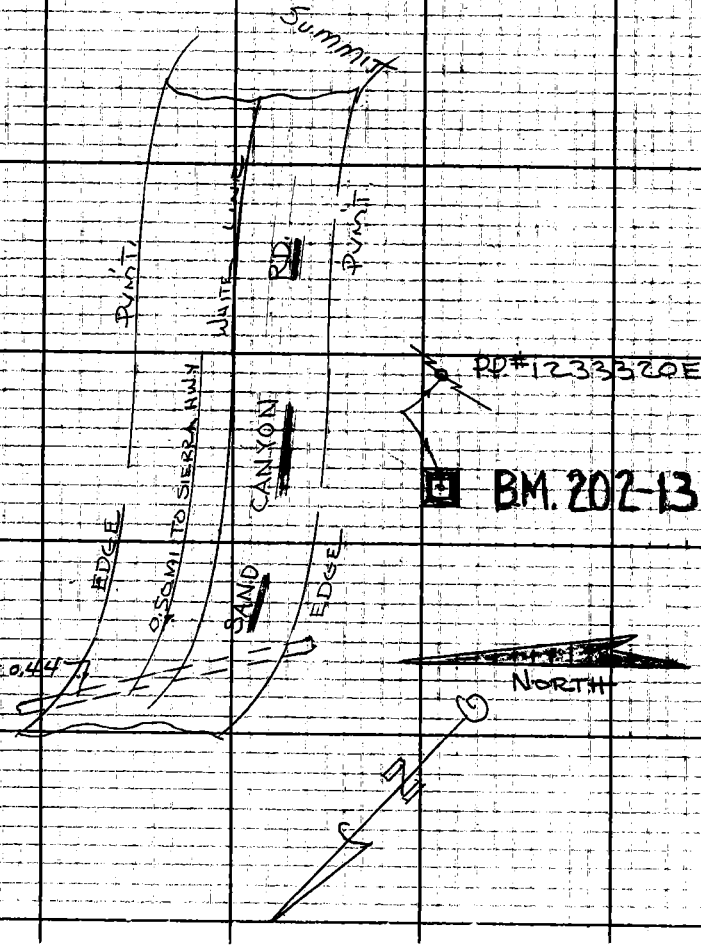
Survey of PRECISE LEVEL NET
JN 361.02 Tape Std °F
Surveyed by C.K. LIND
Notes K. MYERS Date 7-24-62
Indexed G. J. GALLI

F.B. 2878 P.G. 21

BM 202-13

THIS BENCH MARK IS ON SAND CANYON ROAD, ABOUT 0.50MI. S'LY OF SIERRA HWY, 6 FEET WEST OF PP# 1233320E, SET A STD. CO. ENGR. BR. CAP BUTTON TYP MON. IN A 12"X12" CONC. PAD UP 6", STAMPED "B.M. 202-13 (19X2) R.E. 5869".

REFMARK: SET 2" YELLOW MARKER PIPE 2' NORTH OF MON. AND UP 3 FEET



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 this side of this line

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

76F309S S&E #247 1-58

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

Do not extend this side of this line.

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

F.B. 7478 PG. 22

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY K. LIND

NOTES BY K. MYERS DATE 7-30-62

INDEXED C. J. GALLI DATE SEP 13 '62

WEATHER CLEAR AND INST. NO. [illegible]

TIME [illegible] ROD NO. [illegible]

NOTES CHKD. [illegible] DATE [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 201-109 TO BM 201-110
M. 201-109													B.M. 201-109
1	84	480	385	5	96 / 74	22	129	425	430	5	140 / 118	22	FOR DESC SEE FB. 2846-85
2	110	347	411	5	133 / 87	46	183	403	484	5	202 / 160	46	
3	75	402	376	5	98 / 52	46	239	328	540	5	262 / 216	46	
4	71	072	372	5	94 / 48	46	228	517	529	5	251 / 205	46	
5	66	431	367	5	89 / 42	47	210	208	511	5	234 / 187	47	
6	134	588	435	5	157 / 111	46	233	752	534	5	256 / 210	46	T- LIND
7	28	434	329	5	51 / 5	46	214	795	515	5	237 / 191	46	
8	86	978	387	5	109 / 63	46	231	712	532	5	254 / 208	46	
9	132	045	433	5	155 / 109	46	211	110	512	5	235 / 187	48	
TOTALS	789	777				391	1882	250				393	
							789	777				391	
DIFF IN ELEV						-	1092	473	CM			784	METERS
BM 201-110													BM 201-110 FOR DESC SEE FB. 2846-86

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 7523 ROD NO. 9549 DATE 8/15/

WEATHER CLEAR & HOT TIME 11:30 TO 12:10 NOTES CHKD K.M.

JOB NO. 0301.02 SURVEY OF ALAMO DRIVE CHANNEL NET SURVEY BY K.M. & R.C. NOTES K. MYERS INDEXED T. GALLI DATE

FB 2846 Pg 24

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 201-110 TO B.M. 201-109
B.M. 201-110													B.M. 201-110
1	208	792	509	5	232 / 184	48	126	628	427	5	149 / 103	46	FOR DESC. SEE FB. 2846-BL
2	236	273	537	5	259 / 213	46	87	849	388	5	110 / 64	46	
3	213	221	514	5	236 / 190	46	32	828	333	5	55 / 9	46	
4	232	243	533	5	255 / 209	46	134	272	435	5	157 / 111	46	
5	210	052	511	5	233 / 187	46	60	045	361	5	83 / 37	46	
6	224	151	525	5	247 / 201	46	78	072	379	5	101 / 55	46	
7	245	732	546	5	268 / 222	46	76	385	377	5	99 / 53	46	R - LND
8	186	358	487	5	209 / 163	46	115	550	416	5	138 / 92	46	
[illegible]	146	741	447	5	157 / 135	22	99	380	400	5	110 / 87	23	[illegible]
TOTALS	1903 / 811	563 / 009	✓			392	811	009				391 / 392	
DIFF ELEV. +	1092	554	✓ Ck									783	METERS
By 201-109													By 201-110 FOR DESC. SEE FB 2846 BL

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 201-110 TO BM 202-1A
BM 201-110									BM 201-110
				149				291	FOR DESC. SEE FB 2846-86
1	129	148	430 5	109 40	274	437	575 5	257 34	
					129	148		40	
					145	289		78	METERS
									π = VALDEZ
BM 202-1-A									BM 202-1-A (RD SL 937) FOR DESC SEE FB. 2878-7

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

SURVEY BY C. K. LIND WEATHER Sunny INST. NO. [illegible]

NOTES BY LIND DATE 7-31-62 TIME 9:50 TO 9:55 ROD NO. [illegible]

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 07/15/62

F.B. 2898

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-1-A TO BM 201-110
BM 202-1-A													BM 202-1-A (RD SL 937)
					288						146		FOR DESC. SEE FB. 2878-7
1	271	471	572	5	254	34	126	198	427	5	106	40	
	126	198										34	
+	145	273	CM									74	
													TE VALDEZ
BM 201-110													BM 201-110 FOR DESC SEE FB. 2846-86

F.B. 2878 PG. 26

JOB NO. 030102

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY LMD NOTES LMD

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 7523

TIME 9:55 TO 10:00 ROD NO. 9549

NOTES CHKD WDM DATE 8/15/6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY K. LIND

NOTES BY K. MYERS DATE 7-30-62

INDEXED C. J. GALLI DATE

WEATHER CLEAR & HOT

TIME 1:45 TO 2:20

NOTES CHKD [illegible] DATE

F.B. 2878 [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 202-1A TO BM 202-1
BM 202-1A													BM 202-1A (RD SC 937)
1	158	729	459	5	166 / 151	15	167	573	468	5	176 / 158	18	FOR DESC SEE FB 2878-7
2	169	651	470	5	186 / 152	34	146	576	447	5	165 / 127	38	
3	119	828	420	5	142 / 96	46	178	110	479	5	201 / 155	46	
4	105	916	406	5	128 / 82	46	167	803	468	5	191 / 143	48	
5	111	475	412	5	134 / 88	46	144	431	445	5	167 / 121	46	T- LIND
6	105	013	406	5	128 / 82	46	132	077	433	5	154 / 109	45	
TOTALS	770	612				233	936	570				241	
							770	612				233	
DIFF ELEV.						-	165	958	EM			474	METERS
BM 202-1													BM 202-1 (KC. BM 97-10) FOR DESC SEE FB 2878-9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 202-1 TO B.M. 202-1A
B.M. 202-1													B.M. 202-1 (F.C. BM 97-10)
1	130	301	431	5	152 / 108	44	103	192	404	5	126 / 80	46	FOR DESC. SEE FB. 2878-9
2	145	055	446	5	169 / 122	47	126	322	427	5	149 / 103	46	
3	194	578	495	5	217 / 171	46	115	990	416	5	138 / 92	46	
4	176	231	477	5	199 / 153	46	125	846	426	5	148 / 102	46	
5	173	514	474	5	192 / 154	38	191	179	492	5	209 / 173	36	
B.M. 202-1A	160	513	461	5	169 / 151	18	151	700	452	5	159 / 143	16	B.M. 202-1A
	980	192				239	814	229				236	
	814	229										239	
												475	METERS
+	165	963	CM										
													T-LIND
BM 202-1-A													(RD 56-937) BM 202-1-A FOR DESC SEE FB. 2878-7

F.B. 2878 PG. 28

JOB NO. 0301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY K. LIND NOTES K. MYERS

INDEXED C. I. GALLI DATE

WEATHER CLEAR & HOT INST. NO. 75234

TIME 2:20 TO 3:50 ROD NO. 95896

NOTES CHKD [illegible] DATE 8/15/82

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. E. LIND

NOTES BY LIND DATE 7-31-62

INDEXED C. J. GALLI DATE

WEATHER Sunny Hot

TIME 10:30 to 11:10

NOTES CHKD. [illegible] DATE

F.B. [illegible]

INST. NO. [illegible]

ROD NO. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 202-1 TO BM 202-2
BM 202-1				174				117	BM 202-1 (F.C. BM 97-10)
1	159	667	460 5	145 29	101	063	402 5	85 32	For Desc. See FB 2878-9
				260				56	
2	239	173	540 5	218 42	033	204	334 5	10 46	
				301				116	
3	276	172	577 5	251 50	094	368	395 5	72 44	
				64				286	
4	056	670	357 5	48 16	279	370	580 5	272 14	
				27				224	
5	019	581	320 5	11 16	216	049	517 5	208 16	T- VAGDEL
				143				208	
6	132	631	433 5	121 22	197	059	498 5	186 22	
				290				193	
7	280	162	581 5	270 20	181	448	482 5	169 24	
				138				237	
8	114	920	415 5	90 48	215	408	516 5	193 44	
				113				232	
9	086	939	387 5	60 53	203	256	504 5	175 57	
				296				299 ✓	
Totals	1365	915			1521	225 ✓		242 ✓	
					1365	915 ✓		595 ✓	METERS
Diff in Elev.					− 155	310 ✓ cm			
BM 202-2									BM 202-2 (USC&GS E486) For Desc. See FB 2878-10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 202-2 TO B.M. 202-1
B.M. 202-2					236						119		B.M. 202-2 (USC&GS E-486,
1	207	648	508	5	178	58	093	023	394	5	67	52	For Desc. See F.B. 2878-10
					240						141		
2	218	688	519	5	196	46	116	230	317	5	91	50	
					227						299		
3	215	610	516	5	203	24	286	848	587	5	273	26	
					179						138		
4	169	899	470	5	159	20	127	299	428	5	116	22	
					222						31		
5	214	168	515	5	206	16	023	951	324	5	15	16	
					299						75		
6	291	751	592	5	283	16	068	704	369	5	61	14	
					109						292		T- VALDEZ
7	085	975	386	5	61	48	269	761	570	5	246	46	
					58						257		
8	035	753	336	5	12	46	236	377	537	5	216	41	
					120						182		
9	105	246	406	5	90	30	167	402	468	5	152	30	
						304						297	
Totals	1544	738					1389	595				304	
	1389	595										601	METERS
Diff in Elev +	155	143											
B.M. 202-1													B.M. 202-1 FL. BM 97-10 For Desc. See F.B. 2878-9

F.B. 2878 PG. 30

JOB NO. 030102

SURVEY OF L.A. County Precise Level Net

SURVEY BY Lind NOTES Huckaby

INDEXED C. J. GALLI DATE

WEATHER Sunny Hot INST. NO. 7523

TIME 11:15 to 12:00 ROD NO. 9559

NOTES CHKD [illegible] DATE 8/15/[illegible]

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA	RIGHT	MIC.	LEFT	STADIA	FROM BM 202-2 TO BM 202-3
BM 202-2									BM 202-2 (USC&GS BM E486)
				168				174	FOR DESC. SEE F.B. 2878-10
1	183	449	484 5	178 10	170	462	471 5	166 8	
	170	462						10	
DIFF ELEV. +	12	987						18	
BM 202-3									BM 202-3 (USC&GS BM 2AX-SP) FOR DESC SEE F.B. 2878-10

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

SURVEY BY R.K. LUND WEATHER Sunny INST. NO. 75273

NOTES BY LUND DATE 7-31-62 TIME 1:10 to 1:20 ROD NO. 85496

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 8/5/62

F.B. 2878 [illegible]

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-3 TO BM 202-2
BM 202-3													BM 202-3 Cusc&GS 24AK-5P,
					187						201		FOR DESC. SEE FB. 2878-11
/	183	345	484	5	178	9	196	322	497	5	191	10	
							183	345				9	
DIFF ELEV.							-12	977	CM			19	
BM 202-2													BM 202-2 Cusc&GS BM E-4P FOR DESC SEE FB. 2878-10

F.B. 2878 PG. 32

JOB NO. 0301.02

SURVEY OF L.A. Co Mechanical Level Net

SURVEY BY LWD NOTES LWD

INDEXED C. J. GALLI DATE

WEATHER Sunny INST. NO. 7523

TIME 2:50 to 3:00 ROD NO. 9569

NOTES CHKD WBm DATE 8/13/6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. R. LIND WEATHER Sunny INST. NO. 75234

NOTES BY LIND DATE 7-31-62 TIME 1120 TO 1130 ROD NO. 4569

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE 8/15/62

F.B. 2878 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 202-3 TO BM 202-4
BM 202-3									BM 202-3 (USC&GS 24 X SP)
				173				195	FOR DESC SEE F.B. 2878-11
1	148	681	449 5	123 50	174	032	475 5	152 43	
					148	681		50	
DIFF ELEV.					25	351	GM	93	
BM 202-4									BM 202-4 (USC&GS BM 21478 GLO) FOR DESC. SEE F.B. 2878-12

F.B. 2878 PG. 34 ✓ JOB NO. 0302.01

SURVEY OF LA-CO PRECISE LEVEL NET

SURVEY BY LMD NOTES LMD

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 7523[illegible]

TIME 2:45 TO 2:50 ROD NO. 954[illegible]

NOTES CHKD WLm DATE 8/15/[illegible]

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 202-4 TO BM 202-3
BM 202-4													BM 202-4 (USC&GS 21+28 GLO.
					232	✓		✓			206		SEE FB 2878-12 FOR DESC.
1	209	241	510	5	186	46	183	812	484	5	160	46 ✓	✓
	183	812 ✓										46	
+	25	429 ✓		lm								92 ✓	Meters.
													T - MYERS
BM 202-3													BM 202-3 (USC&GS 24 x S.P.
													FOR DESC SEE FB 2878-11

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. R. LIND

NOTES BY LIND DATE 7-31-62

INDEXED C. J. GALLI DATE

WEATHER SUNNY

TIME 1:30 TO 2:00

NOTES CHKD [illegible] DATE

F.B. 2878 PG. 35

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 202-4 TO BM 202-5
BM 202-4				301				73	BM 202-4 (USC&GS 21+28 GLO)
1	278	778	579 5	254 47	49	030	350 5	25 48	FOR DESC SEE FB. 2878-12
				291				85	
2	268	950	569 5	245 46	61	053	362 5	37 48	
				210				160	
3	187	174	488 5	164 46	137	287	438 5	114 46	
				140				164	
4	117	920	418 5	94 46	141	900	442 5	118 46	
				182				169	π - Myers
5	159	543	460 5	136 46	146	078	447 5	123 46	
				170				188	
6	147	730	448 5	124 46	165	740	466 5	142 46	
				162				137	
7	139	766	440 5	116 46	114	915	415 5	91 46	
TOTALS	1299	861 ✓		323	816	003 ✓		326 ✓	
	816	003 ✓						323 ✓	
DIFF ELEV. +	483	858 ✓ CM						649 ✓	METERS
BM 202-5									BM 202-5 FOR DESC SEE FB 2878-13

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-5 TO BM 202-4
BM 202-5					133						158		BM 202-5
1	110	773	411	5	87	46	135	630	436	5	112	46	FOR DESC SEE FB 2878-13
					186						172		
2	163	890	464	5	140	46	149	009	450	5	126	46	
					175						185		
3	152	883	453	5	129	46	162	887	463	5	139	46	
					168						146		
4	145	626	466	5	122	46	123	378	424	5	100	46	
					167						215		
5	144	222	445	5	120	47	192	377	493	5	169	46	π MYERS
					83						292		
6	60	792	361	5	37	46	269	570	570	5	246	46	
					72						279 ½		
7	49	933	350	5	25	47	279	404	580	5	256	46	
TOTALS	828	119	✓			324	1312	255	✓			322 ✓	
							828	119	✓			324 ✓	
DIFF ELEV.						-	484	136	✓ CM			646 ✓ METERS	
BM 202-4													BM 202-4 (USC&GS 21+28 GLO) FOR DESC. SEE FB 2878-12

F.B. 2878 PG. 36 JOB NO. 030201

SURVEY OF Lot Line Freeze Level Net

SURVEY BY LIND NOTES LIND

INDEXED C. I. GALLI DATE

WEATHER Sunny INST. NO. 7523

TIME 2:00 to 2:45 ROD NO. 95E9

NOTES CHKD [illegible] DATE 8/15/6

76P526B CE# 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY: C. L. GAUL ... DATE: 8-1-62 ... WEATHER ... TIME ... INSTR. NO. ... ROD NO. ...
NOTES BY: C. L. GAUL ... DATE: 8-1-62 ... NOTES CHKD. ... DATE ...
INDEXED ... DATE ...
F.B. 2878 Pg. 37

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM By 202-5 TO By 202-6
By 202-5													By 202-5
1	147	399	448	5	120 165	36	120	072	421	5	136 104	32	For DESC See CB 2878-13
2	192	879	493	5	214 170	44	093	588	394	5	117 69	48	
3	212	951	513	5	235 189	46	103	345	404	5	126 80	46	
4	220	911	521	5	243 197	46	110	047	411	5	133 87	46	
5	209	773	510	5	232 186	46	082	951	383	5	105 59	46	
6	247	410	548	5	270 224	46	038	383	339	5	67 19	48	T - Hulkmby
7	256	556	557	5	279 233	46	077	609	378	5	100 54	46	
8	244	010	545	5	267 221	46	053	864	354	5	77 30	47	
9	237	303	538	5	260 214	46	072	206	373	5	26 -20	46	
					402 ✓						405 ✓		
TOTALS	1969	192 ✓					752	965 ✓			402 ✓		
	752	965									807 ✓		Meters
DIFF ELEV	+1216.	227 ✓	CK										
													By 202-6 (45 & 65 F-846)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 202-6 TO B.M. 202-5
B.M. 202-6													B.M. 202-6 (USC&GS F-846)
1	076	626	377	5	100 52	48	243	916	544	5	266 222	44	FOR DESC SEE FB 2878-14
2	063	900	364	5	86 40	46	253	250	454	5	277 229	48	
3	076	849	377	5	99 53	46	255	483	556	5	279 231	48	
4	035	360	336	5	59 11	48	243	040	544	5	266 220	46	
5	080	043	381	5	103 57	46	207	137	508	5	230 184	46	
6	109	865	410	5	132 86	46	215	940	516	5	238 192	46	π - HUCKABY
7	098	046	399	5	121 75	46	211	510	512	5	234 188	46	
8	094	320	395	5	117 71	46	193	070	494	5	216 170	46	
9	121	720	422	5	138 104	34	149	441	450	5	166 132	34	
						406						404	
TOTALS	756	729					1972	787				406	
							756	729				810	METERS
DIFF ELEV						-	1216	058			CM		
BM 202-5													BM 202-5 FOR DESC SEE FB. 2878-13

F.B. 2878 PG. 38

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY LWP NOTES VALDEZ

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Sunny - Hot INST. NO. 73234

TIME 10:45 TO 11:30 ROD NO. 95846

NOTES CHKD [illegible] DATE 8/15/62

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. Line D WEATHER Sunny
NOTES BY M. Rule & D. Rice DATE 8-1-62 TIME 1:00 To 1:40 ROD NO. 77777
INDEXED C. J. GALLI DATE NOTES CHKD. DATE 8/15/62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM Zo2-6 TO BM Zo2-7
BM Zo2-6					223						119		BM Zo2-6 (Elev 6.6 F-846)
1	208	348	509	5	193	30	105	831	406	5	91	28	For Desc. See F.B. 2878-14
2	211	418	512	5	334 188	46	87	492	388	5	110 64	46	
3	214	262	515	5	237 191	46	85	352	386	5	108 62	46	
4	231	632	532	5	254 208	46	63	520	364	5	86 40	46	
5	239	441	540	5	262 216	46	60	703	361	5	83 37	46	T-Line
6	264	640	565	5	287 241	46	90	252	371	5	93 47	46	
7	185	818	486	5	208 162	46	89	530	390	5	112 66	46	
8	182	137	483	5	205 159	46	156	862	457	5	180 132	48	
TOTALS	1737	696 ✓				352	719	472				352 ✓	
	719	472 ✓										352 ✓	
DIFF ELEV. +	1018	224	Cm									704	Meters
BM 702-7													BM Zo2-7 (Elev 6.486)

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-7 TO BM 202-6
BM-202-7													
1	152	210	453	5	177 128	49	177	425	478	5	200 154	46	BM 202-7 (USC&GS G-486, SEE FB 2878-15 FOR DESC
2	93	264	394	5	116 70	46	188	042	489	5	211 165	46	
3	68	582	369	5	91 45	46	257	410	558	5	280 234	46	
4	53	318	354	5	76 30	46	239	286	540	5	262 216	46	
5	60	271	361	5	83 37	46	231	065	532	5	254 208	46	
6	85	616	386	5	108 62	46	211	488	512	5	234 188	46	
7	86	932	387	5	109 63	46	211	131	512	5	234 188	46	π - LIND
8	108	660	409	5	42 14	28	211	362	512	5	226 196	30	
TOTALS	708	853				353	1727	209				352	
							708	853				353	
DIFF ELEV						-	1018	356	CM			705	METERS
BM 202-6													BM 202-6 (USC&GS F-486) FOR DESC SEE FB 2878-14

F.B. 2878 PG. 40

JOB NO. 030 1.02

SURVEY OF L.A. Co PRELIM. LEVEL NET

SURVEY BY C.K. LIND NOTES R.J. RODRIGUEZ

INDEXED C. J. GALLI DATE 8-1-62

WEATHER SUNNY INST. NO. 25432

TIME 1:40 to 2:40 ROD NO. 95896

NOTES CHKD [illegible] DATE 8/15/62

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C.K. LIND

NOTES BY Hulkaby DATE 8-2-62

INDEXED C. J. GALLI DATE

WEATHER Sunny - Hot

TIME 10:30 to 11:15

NOTES CHKD. [illegible] DATE

F.B. 2878 Pg.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 202-7 TO BM 202-8
BM 202-7					213						153		BM 202-7 (USGS 65 G486)
1	190	510	491	5	168	45	131	000	431	5	107	46	For Desc. See FB 2878-15
					173						154		
2	150	599	451	5	127	46	130	390	431	5	107	47	
					182						161		
3	159	092	460	5	136	46	138	316	439	5	115	46	
					184						163		
4	160	730	461	5	137	47	140	815	441	5	117	46	
					209						183		
5	185	479	486	5	162	47	160	150	461	5	137	46	
					175						146		
6	151	396	452	5	128	47	123	362	424	5	100	46	π - Valdez
					202						154		
7	179	903	480	5	156	46	130	197	431	5	107	47	
					142						140		
8	119	284	420	5	96	46	117	896	418	5	94	46	
					187						172		
9	163	801	464	5	140	47	149	460	450	5	126	46	
					64						295		
10	060	041	361	5	56	08	291	549	592	5	287	08	
					53						141		
11	046	485	347	5	37	16	132	930	433	5	124	17	
Totals	1567	320				441	1646	065				441	
							1567	320				441	
Diff in Elev.							-78	745				882	Meters
BM 202-8													BM 202-8. For Desc. See FB 2878-

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-8 TO BM 202-7
BM 202-8					139						52		BM 202-8
1.	130	628	431	5	122	17	044	191	345	5	37	15	For Desc See F.B. 2878-16
					297						55		
2.	293	585	594	5	289	08	050	571	351	5	46	09	
					163						190		
3.	140	168	441	5	118	45	166	839	467	5	143	47	
					147						186		
4.	124	578	425	5	101	46	163	841	464	5	140	46	
					185						195		
5.	161	931	462	5	138	47	172	805	473	5	149	46	
					147						176		
6.	124	319	425	5	101	46	152	133	453	5	127	49	
					181						207		T- VALDEZ
7.	158	241	459	5	135	46	183	383	484	5	160	47	
					160						180		
8.	135	328	436	5	111	49	158	278	459	5	136	44	
					160						179		
9.	137	801	438	5	114	46	156	523	457	5	133	46	
					156						179		
10.	132	340	433	5	109	47	156	751	457	5	133	46	
					161						215		
11.	138	760	439	5	115	46	193	201	494	5	170	45	
Totals	1677	679	✓			443	1598	516	✓			440	✓
	1598	516	✓									443	✓
Diff in Elev	79	163	✓									483	✓
BM 202-7													BM 202-7 For Desc. See FB 2878-15

F.B. 2878 Pg. 42 JOB NO. 030102

SURVEY OF Lake Precise Level Net

SURVEY BY Lind NOTES Holiday

INDEXED C. J. GALLI DATE

WEATHER Sunny Hot INST. NO. 752

TIME 11:15 to 12:00 ROD NO. 952

NOTES CHKD [illegible] DATE 8/15/6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line. Re: Run

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

SURVEY BY K. LIND WEATHER SUNNY INST. NO. 757

NOTES BY K. MYERS DATE AUG. 6, 1962 TIME 10:55 TO 11:55 ROD NO. 25 & 9

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE [illegible]

F.B. 2878 Pg. 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 202-8 TO B.M. 202-7
B.M. 202-8													B.M. 202-8
1	128	567	429	5	136 / 120	16	20	725	321	5	28 / 12	16	FOR DESC SEE F.B. 2878-16
2	279	178	580	5	282 / 275	7	61	053	362	5	64 / 57	7	
3	134	106	435	5	157 / 111	46	158	628	459	5	182 / 134	48	
4	152	575	453	5	174 / 130	44	191	340	492	5	214 / 168	46	
5	176	008	477	5	200 / 152	48	190	012	491	5	212 / 168	44	
6	123	701	424	5	146 / 100	46	148	430	449	5	171 / 125	46	
7	153	225	454	5	176 / 130	46	177	815	478	5	200 / 154	46	
8	132	418	433	5	155 / 109	46	152	160	453	5	175 / 129	46	
9	134	650	435	5	157 / 111	46	156	503	457	5	179 / 133	46	
10	126	565	427	5	149 / 103	46	151	200	452	5	174 / 128	46	
11	137	886	438	5	160 / 114	46	191	940	492	5	214 / 168	46	
						437						437	
TOTALS	1678	879					1599	806				437	
	1599	806										874	METERS
OFF ELEV	+ 79	073	CM										
													FOR DESC. SEE
B.M. 202-7													

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. _____ ROD NO. _____ DATE _____

WEATHER _____ TIME _____ NOTES CHKD _____

F.B. 1878 Pg. 44 JOB NO. _____

SURVEY OF _____ NOTES _____

SURVEY BY _____ DATE _____

INDEXED _____

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

372

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

Do not extend notes this side of this line.

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

SURVEY BY C.E. Lind

NOTES BY Lind DATE 8-7-62 WEATHER Sunny TIME 7:30 TO

INDEXED E. J. GALLI DATE NOTES CHKD KUM DATE 5/7/63

F.B. 2878 Pg. 45

INSTR. NO. 1

ROD NO. 5

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-9 TO BM 202-8
BM 202-9					168						255		BM 202-9
1	145	088	446	5	122	46	232	672	533	5	209	46	FOR DESC SEE FB 2878-
					167						257		
2	145	470	446	5	123	44	234	433	535	5	211	46	
					173						261		
3	150	622	451	5	127	46	238	230	539	5	215	46	
					136						289	½	
4	113	019	414	5	90	46	289	114	590	5	266	46	
					90						280	½	
5	67	756	368	5	44	46	280	872	581	5	254	48	T - MYERS
					76						239		
6	52	041	353	5	28	48	215	311	516	5	191	48	
					89						280		
7	63	883	364	5	37	52	257	457	548	5	234	46	
					100						270		
8	84	165	385	5	68	32	255	425	556	5	240	30	
					106						270		
9	102	527	403	5	98	8	266	420	567	5	262	8	
					96						223		
10	94	950	395	5	92	4	221	755	522	5	219	4	
	1019	481				372	2491	689	✓			368	
							1019	481	✓			372	
							1472	208	✓ CM			740	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 352.14 ROD NO. 25 E 9 DATE 8/1956

WEATHER Sunny TIME 11:00 to 2:30 NOTES CHKD

F.B. 2878 PG. 46 JOB NO. 0301.02

SURVEY OF Lat. Co. Records Const. Hist.

SURVEY BY Lind NOTES Lind DATE

INDEXED C. L. Cobb

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-8 TO BM 202-9
BM 202-8					275						148		BM 202-8
1	272	153	573	5	269	6	145	675	446	5	142	6	FOR DESC. SEE FB. 2878-
					258						106		
2	256	000	557	5	252	6	103	880	404	5	100	6	
					282						67		
3	267	651	568	5	252	30	51	711	352	5	35	32	
					246						87		
4	222	272	523	5	198	48	62	437	363	5	37	50	T. MYERS
					231						67		
5	208	894	509	5	184	47	44	546	345	5	21	46	
					287						63		
6	244	133	565	5	241	46	40	815	341	5	17	46	
					261						96		
7	238	560	539	5	214	47	72	272	373	5	49	47	
					204						119		
8	181	655	482	5	158	46	96	998	347	5	73	46	
					209						110		
9	186	843	487	5	163	46	88	348	349	5	66	44	
					247						167		
10	224	522	525	5	201	46	144	046	445	5	121	46	
TOTALS	2322	683	✓			368	950	728				369	
	850	728	✓									368	
DIFF ELEV.	1471	955	✓									737	
BM 202-9													BM 202-9 FOR DESC. SEE FB 2878-

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY K. LUND WEATHER Sunny F.B. 2878
NOTES BY K. MYERS DATE 8-3-62 TIME 11:00 TO 12:00 INSTR. NO.
INDEXED C. J. GAU DATE NOTES CHKD DATE ROD NO.

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM B.M. 202-9 TO B.M. 202-10
B.M. 202-9											B.M. 202-9 (USC&GS H-486)
1	193	260	454	5	218/170 46	85	486	386	5	108/62 46	FOR DESC. SEE FB. 2878-17
2	104	739	405	5	109/101 8	274	066	575	5	278/270 8	
3	82	482	383	5	88/76 12	232	428	533	5	238/226 12	
4	59	848	360	5	65/54 11	236	386	537	5	242/231 11	
5	67	505	368	5	79/55 24	217	250	518	5	229/205 24	T HUCKABY, V.L.
6	101	750	402	5	124/79 45	173	573	474	5	196/150 46	
7	135	966	436	5	155/115 40	228	566	529	5	248/208 40	
8	92	683	393	5	111/71 40	163	880	464	5	183/143 40	
9	185	510	486	5	201/169 32	77	100	378	5	93/61 32	
10	222	472	523	5	245/199 46	124	530	425	5	147/101 46	
11	199	615	500	5	222/176 46	85	576	386	5	108/62 46	
12	228	982	529	5	243/213 30	30	520	331	5	45/16 29	
13	241	640	542	5	250/232 18	36	781	387	5	45/27 18	
4	272	670	573	5	282/262 20	51	032	352	5	64/44 20	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 1978 PG. 48 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY K. LIND NOTES K. MYERS

INDEXED C.1 DATE

WEATHER SUNNY INST. NO. 7523

TIME 11:00 TO 12:00 ROD NO. 95 & 92

NOTES CHKD [illegible] DATE 5/16

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 202-9 TO B.M. 202-10
15	279	782	580	5	291 / 267	24	45	355	346	5	57 / 33	24	
16	295	450	596	5	295½ / 272	46	76	630	377	5	89 / 53	46	
17	170	870	471	5	193 / 146	47	133	071	434	5	156 / 110	46	
18	153	410	454	5	168 / 138	30	242	968	543	5	256 / 228	28	
TOTALS	3089	034 ✓				565	2515	198				562 ✓	
	2515	198										565 ✓	
DIFF ELEV.	573	836 ✓	ck									NET Meters	
B.M. 202-10													B.M. 202-10 FOR DESC. SEE FB 1878-18

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C.K. LIND

NOTES BY E. RODRIGUEZ DATE [illegible]-3-62

INDEXED E. J. GALLI DATE

WEATHER SUNNY

TIME 1:20 to 2:15

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2878 PG. [illegible]

INST. NO. [illegible]

ROD NO. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM202-10 TO BM202-9
BM-202-10													BM 202-10
1	241	709	542	5	252 / 227	25	151	197	452	5	167 / 136	31	FOR DESC. SEE F.B. 2878-18
2	132	966	433	5	154 / 109	45	169	683	407	5	190 / 146	44	
3	075	472	376	5	98 / 52	46	296	218	597	5	296 / 273	43	
4	056	352	357	5	68 / 44	24	281	571	582	5	293 / 269	24	
5	043	458	344	5	53 / 33	20	274	407	575	5	284 / 264	20	
6	042	037	343	5	51 / 33	18	243	701	544	5	253 / 234	19	π - VALDEZ
7	029	368	330	5	44 / 14	30	238	723	539	5	253 / 223	30	
8	093	442	394	5	116 / 70	46	199	391	500	5	222 / 176	46	
9	127	163	428	5	150 / 104	46	225	830	526	5	248 / 203	46	
10	077	711	378	5	92 / 62	30	185	640	486	5	201 / 170	30	
11	149	862	450	5	169 / 129	30	076	302	377	5	96 / 56	40	
12	229	612	530	5	249 / 208	41	139	643	440	5	160 / 119	41	
13	179	144	480	5	202 / 155	47	108	540	409	5	131 / 85	46	
14	218	833	519	5	230 / 206	24	068	790	369	5	81 / 56	25	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM202-10 TO BM202-9
15	240	297	541	5	245 234	11	062	580	363	5	68 57	11	
16	239	009	540	5	245 233	11	090	224	391	5	96 84	12	
17	275	613	576	5	280 271	09	104	268	405	5	108 100	08	
18	076	899	377	5	100 53	47	186	161	487	5	209 163	46	
TOTALS	2528	947				5[illegible]0	3102	869				562	
							2528	947				548	
DIFF ELEV.							-573	922	CM			1182	METERS
BM 202-9													BM 202-9 (USC&GS H-486) FOR DESC SEE F.B. 2878-17

F.B. 2878 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY C.K. Lind NOTES R.J. Rodriguez

INDEXED C. J. GAIN DATE

WEATHER Sunny Hot INST. NO. 7523

TIME 1:20 TO 2:15 ROD NO. 95896

NOTES CHKD [illegible] DATE 8-3-6[illegible]

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. K. LIND

NOTES BY E. G. VALDEZ DATE 8-5-62

INDEXED E. J. GALLI DATE

WEATHER SUNNY & CLEAR INST. NO.

TIME 1:15 : 3:15 ROD NO.

NOTES CHKD [illegible] DATE

F.B. 2878 PG.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 202-10 TO B.M. 202-11
B.M. 202-10													B.M. 202-10
1.	296	797	597	5	296 289	14	135	287	436	5	143 127	13	FOR DESC SEE FB 2878-18
2.	169	869	470	5	181 157	24	117	630	418	5	129 105	24	
3.	189	210	490	5	201 176	25	083	350	384	5	96 71	25	
4.	231	287	532	5	240 220	20	052	862	353	5	63 41	22	R. J. RODRIGUEZ
5.	258	155	559	5	270 246	24	045	050	346	5	57 33	24	
6.	248	270	549	5	258 237	21	046	240	347	5	56 36	20	
7.	261	782	562	5	273 249	24	048	842	349	5	60 36	24	
8.	236	168	537	5	252 221	31	091	021	392	5	106 76	30	
9	292	603	593	5	292 277	30	115	648	416	5	130 100	30	
10	243	709	544	5	258 228	30	100	868	401	5	115 85	30	
11	197	312	498	5	215 180	35	109	933	410	5	126 92	34	
12	198	199	499	5	213 183	30	068	703	369	5	83 53	30	
13.	243	813	544	5	257 229	28	044	829	345	5	58 30	28	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2178 PG. 52 | JOB NO. 0301.02 | SURVEY OF Lk. La Mesa's Level Net | SURVEY BY E.K. & D.D. NOTES C.S. VALDEZ | INDEXED C.J. GAU DATE | WEATHER SUNNY & CLEAR INST. NO 43-752 | TIME 1:15 TO 2:15 ROD NO 25691 | NOTES CHKD [illegible] DATE 8-5-62 8/15/62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM 202-10 TO 202-11
14.	246	107	547	5	256 236	20	057	521	358	5	68 46	22	
15.	245	519	546	5	256 234	22	041	139	342	5	52 30	22	
16.	253	442	554	5	262 244	18	056	617	357	5	65 47	18	
17.	250	481	551	5	259 241	18	052	378	353	5	61 43	18	
18	211	201	512	5	219 203	16	080	848	381	5	87 72	15	
19.	229	775	530	5	238 220	18	077	053	378	5	86 68	18	
Totals	1503	699	✓			448	1426	719				447 ✓	
	1426	719	✓									448	
Diff. Elev. +	3076	980	✓	87								895 ✓	
BM 202-11													BM 202-11 FOR DESC SEE F.B. 2178-19

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY K. LIND
NOTES BY K. MYERS C.J. GALI DATE AUG. 8, 1962 WEATHER SUNNY TIME 11:00 TO 17:00 INST. NO.
INDEXED DATE NOTES CHKD DATE ROD NO.
F.B. 2878 Pg.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT	STADIA			RIGHT	MIC.	LEFT	STADIA			FROM B.M. 202-11 TO BM. 202-10
M. 202-11													B.M. 202-11
1	71	754	372	5	80 / 62	18	221	909	522	5	230 / 212	18	FOR DESC SEE F.B 2876-19
2	90	084	391	5	98 / 82	16	231	748	532	5	239 / 223	16	
3	64	975	365	5	74 / 55	19	247	494	518	5	256 / 238	18	
4	48	225	349	5	57 / 39	18	250	460	541	5	259 / 241	18	
5	41	129	342	5	52 / 30	22	244	080	545	5	255 / 233	22	T LIND, K
6	52	996	353	5	62 / 41	21	244	482	545	5	253 / 233	20	
7	79	128	380	5	93 / 65	28	272	509	573	5	287 / 258	29	
8	62	086	363	5	77 / 47	30	197	393	498	5	212 / 182	30	
9	108	000	409	5	125 / 91	34	194	275	495	5	212 / 178	34	
10	96	608	397	5	111 / 81	30	235	290	536	5	259 / 229	30	
11	65	899	366	5	79 / 51	28	239	645	540	5	253 / 225	28	
12	82	262	383	5	97 / 67	30	241	935	542	5	256 / 226	30	
13	52	639	353	5	64 / 40	24	259	531	560	5	271 / 247	24	
4	46	170	347	5	57 / 35	22	247	335	548	5	258 / 236	22	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-11 TO BM 202-10
15	42	367	343	5	54 / 30	24	254	928	555	5	266 / 242	24	
16	54	451	355	5	64 / 43	21	234	840	535	5	245 / 224	21	
17	84	288	385	5	96 / 72	24	189	550	490	5	201 / 177	24	
18	125	422	426	5	137 / 113	25	176	250	477	5	188 / 164	24	
19	129	556	430	5	137 / 121	16	291	508	592	5	299 / 283	16	
						250						450	
TOTALS	1398	039					4475	162				450	
							1398	039				900	METERS
DIFF. ELEV.						-	3077	123	cm				
B.M. 202-10													B.M. 202-10 FOR DESC SEE FB 2878-18

F.B. 2878 Pg 54

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY K. LIND NOTES K. MYERS

INDEXED C. L. GAUL DATE

WEATHER SUNNY INST. NO. 752

TIME 11:00 TO 12:00 ROD NO. 9569

NOTES CHKD [illegible] DATE 5/1/76

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET — F.B. 2878 Pg. 55

SURVEY BY: C. J. Gall & Crew — WEATHER: Sunny — INST. NO. 7922

NOTES BY: C. J. Gall — DATE: 8-7-62 — TIME: 1:30 to 2:15 — ROD NO. 3622

INDEXED — DATE — NOTES CHKD: [illegible] — DATE: [illegible]

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM 202-11 TO BM 202-R
BM 202-11					279					124	BM 202-11
1	263	682	564	5	247 32	108	113	409	5	92 32	FOR DES SEE ES 2878-11
2	251	782	552	5	261 241 20	048	159	349	5	58 38 20	
3	258	131	559	5	268 248 20	065	648	366	5	75 55 20	
4	274	375	575	5	284 264 20	033	252	334	5	43 23 20	
5	248	781	549	5	258 238 20	066	320	367	5	76 56 20	
6	239	071	540	5	249 229 20	051	718	352	5	61 41 20	
7	246	397	547	5	256 236 20	060	920	361	5	70 50 20	
8	249	692	550	5	258 238 20	041	932	342	5	51 31 20	
9	262	044	563	5	272 252 20	070	142	371	5	80 60 20	
10	272	029	573	5	283 261 22	062	371	363	5	73 51 22	
11	247	690	548	5	258 236 22	113	150	414	5	123 102 21	
12	229	721	530	5	242 216 26	078	230	379	5	90 65 25	
13	232	466	533	5	241 223 18	056	124	357	5	69 47 18	
14	260	258	561	5	267 252 15	072	670	373	5	79 64 15	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM 202-11 TO 202-12
15	242	727	543	5	249 235	14	056	771	357	5	63 49	14	
16	265	390	566	5	272 258	14	041	849	342	5	48 34	14	
17	251	580	552	5	257 245	12	054	502	355	5	61 48	13	
18	223	378	574	5	279 267	12	038	870	339	5	45 32	13	
19	301	309	602	5	301 292	19	060	761	361	5	70 51	19	
20	235	880	536	5	242 229	13	044	638	345	5	51 37	14	BM-202-12
						379						380	
TOTALS	5106	717					1226	140				379	
	1226	140										759	METERS
DIFF ELEV. +	3880	577											
BM 202-12													BM 202-12 FOR DESC SEE F.B. 2878-20

F.B. 2878 PG. 56 #2

SURVEY OF L.A. Co. JOB NO. 0301.02

SURVEY BY C. Kelland NOTES PRECISE LEVEL NET R.J. RODRIGUEZ

INDEXED C. J. GAHN DATE 8-7-62

WEATHER SUNNY INST. NO. N375-20

TIME 1:30 to 12:15 ROD NO. [illegible]

NOTES CHKD [illegible] DATE 8/1/62

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY K. LIND WEATHER SUNNY INST. NO. [illegible]

NOTES BY K. MYERS DATE AUG. 8, 1962 TIME 10:00 TO 11:00 ROD NO. [illegible]

INDEXED B. J. GALLI DATE NOTES CHKD [illegible] DATE [illegible]

F.B. 2878 PG. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 202-12 TO B.M. 202-11
B.M. 202-12													B.M. 202-12
1	51	188	352	5	58 / 44	14	230	605	531	5	236 / 224	12	FOR DESC SEE F.B. 2878-20
2	39	535	340	5	48 / 30	18	298	999	599	5	298 / 289	1/2 / 18	
3	38	710	339	5	44 / 32	12	262	758	563	5	268 / 256	12	
4	46	033	347	5	50 / 40	10	245	878	546	5	251 / 239	12	
5	39	645	340	5	46 / 32	14	248	791	549	5	255 / 241	14	K. LIND, K.
6	39	391	340	5	46 / 32	14	240	673	541	5	247 / 233	14	
7	69	818	370	5	77 / 61	16	256	000	557	5	264 / 248	16	
8	53	629	354	5	62 / 44	18	231	195	532	5	240 / 222	18	
9	73	705	374	5	85 / 60	25	219	187	520	5	232 / 206	25	
10	100	430	401	5	111 / 89	22	240	250	541	5	251 / 229	22	
11	56	543	357	5	67 / 45	22	262	921	563	5	273 / 251	22	
12	63	825	364	5	73 / 53	20	260	312	561	5	270 / 250	20	
13	58	052	359	5	68 / 48	20	262	922	563	5	272 / 252	20	
4	59	804	360	5	69 / 49	20	247	330	548	5	257 / 237	20	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2878 PG. 58

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY K LUND NOTES K. MYERS

INDEXED C. J. GALL DATE

WEATHER SUNNY INST. NO. 752

TIME 10:00 TO 11:00 ROD NO. 954

NOTES CHKD [illegible] DATE 6/13/62

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M 202-12 TO B.M. 202-11
15	57	250	358	5	67 / 47	20	229	301	530	5	239 / 219	20	
16	56	520	357	5	66 / 46	20	254	562	555	5	264 / 244	20	
17	38	078	339	5	48 / 28	20	276	677	577	5	286 / 266	20	
18	62	547	363	5	72 / 52	20	257	688	558	5	267 / 247	20	
19	50	155	351	5	60 / 40	20	247	033	548	5	258 / 238	20	
20	95	033	396	5	111 / 79	32	257	472	558	5	273 / 241	32	
						377						377 ✓	
TOTALS	1149	891	✓				5030	554	✓			377 ✓	
							1149	891	✓			754 ✓	✓ METERS
DIFF. ELEV.							-3880	663	Lm				
BM. 202-11													B.M. 202-11 FOR DESC SEE F.B. 2878-19

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY C. K. LIND

NOTES BY R. G. VALDEZ DATE 8-8-62

INDEXED C. J. GALLI DATE

WEATHER SUNNY & CLEAR INST. NO.

TIME 1:40 TO 2:30 ROD NO.

NOTES CHKD [illegible] DATE [illegible]

F.B. 2878 PG.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 202-12 TO B.M. 202-13
B.M. 202-12													B.M. 202-12
1.	256	357	557	5	263 / 249	14	082	332	383	5	90 / 74	16	FOR DESC SEE. F.B. 2878-20
2	249	942	550	5	255 / 243	12	069	738	370	5	75 / 63	12	
3	263	642	564	5	269 / 257	12	56	645	357	5	62 / 50	12	
4	265	508	566	5	271 / 259	12	69	567	370	5	75 / 63	12	
5	254	226	555	5	260 / 248	12	57	155	358	5	63 / 51	12	
6	247	825	548	5	253 / 241	12	53	947	354	5	59 / 47	12	
7	261	499	562	5	267 / 255	12	41	557	342	5	47 / 35	12	⊼ R. J. RODRIGUEZ
8	271	527	572	5	277 / 265	12	65	014	366	5	71 / 59	12	
9	261	795	562	5	267 / 255	12	51	825	352	5	57 / 45	12	
10	251	041	552	5	257 / 245	12	58	233	359	5	64 / 52	12	
11	251	133	552	5	257 / 245	12	54	235	355	5	60 / 48	12	
12	251	623	552	5	258 / 245	13	55	612	356	5	61 / 49	12	
13	248	332	549	5	254 / 242	12	58	696	359	5	62 / 52	12	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM B.M. 202-12 TO B.M. 202-13
14	256	393	557	5	262 250	12	75	498	376	5	81 69	12	
15	240	349	541	5	246 234	12	58	546	359	5	64 52	12	
16	242	511	543	5	248 236	12	61	162	362	5	67 55	12	
17	257	101	558	5	263 251	12	59	389	360	5	65 53	12	
18	258	483	559	5	264 252	12	53	312	354	5	59 47	12	
19	260	871	561	5	266 254	12	44	942	345	5	50 38	12	
20	259	232	560	5	264 253	13	65	638	366	5	71 59	12	
21	276	362	577	5	288 264	24	126	152	427	5	137 115	22	
22	86	891	387	5	96 76	20	227	427	528	5	236 218	18	
23	79	889	380	5	86 74	12	243	672	544	5	249 236	13	
24	27	353	328	5	36 19	17	196	129	497	5	205 187	18	
TOTALS	5579	885				317	1986	423				325	
	1986	423										317	
Diff Elev. +	3593	462	CM									642	B.M. 202-13 FOR DESC SEE 2878-21
BM 202-13													

F.B. 2878 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY C.K. LAND NOTES C.G. VALDEZ

INDEXED C. J. GALLI DATE

WEATHER SUNNYE CLEAR INST. NO. N3-7523

TIME 1:40 to 2:30 ROD NO. 95896

NOTES CHKD [illegible] DATE 8/15/6

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY: K. LIND
NOTES BY K. MYERS DATE AUG 10, 1962 WEATHER SUNNY
C. J. GALLI DATE TIME 12:20 TO 1:15 INST. NO. 9255
INDEXED ROD NO. 1
NOTES CHKD DATE
F.B. 2678 Pg. 4

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-13 TO BM 202-12
BM 202-13													BM 202-13
1	173	346	474	5	183 / 162	21	10	663	311	5	18 / 2	16	FOR DESC SEE FB 2678-2
2	249	479	550	5	254 / 243	11	79	371	380	5	86 / 72	14	
3	239	468	540	5	248 / 230	18	98	424	399	5	108 / 88	20	
4	152	499	453	5	159 / 144	25	294	561	595	5	294 / 279	1/2 36	
5	62	851	363	5	68 / 56	12	265	845	566	5	269 / 259	10	T C.G. VALDEZ
6	62	160	363	5	68 / 56	12	278	901	579	5	284 / 272	12	
7	43	606	344	5	49 / 36	13	243	918	544	5	251 / 238	13	
8	53	228	354	5	60 / 47	13	252	658	553	5	258 / 246	12	
9	62	448	363	5	69 / 56	13	242	660	543	5	248 / 236	12	
10	61	349	362	5	68 / 55	13	224	190	525	5	230 / 218	12	
11	45	871	346	5	52 / 38	14	243	068	544	5	248 / 237	11	
12	52	076	353	5	58 / 46	12	243	119	544	5	250 / 237	13	
13	50	367	351	5	56 / 44	12	241	638	542	5	247 / 235	12	
14	47	545	348	5	54 / 42	12	255	588	556	5	264 / 249	12	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M 202-13 TO BM 202-1
15	59	648	360	5	66 / 53	13	242	242	543	5	248 / 236	12	
16	32	605	333	5	38 / 26	12	249	391	550	5	256 / 243	13	
17	49	082	350	5	55 / 43	12	248	580	549	5	254 / 242	12	
18	32	145	333	5	38 / 26	12	254	298	555	5	260 / 248	12	
19	49	679	350	5	55 / 43	12	239	557	540	5	245 / 233	12	
20	43	391	344	5	49 / 37	12	250	696	551	5	256 / 244	12	
21	62	165	363	5	68 / 56	12	254	858	555	5	260 / 248	12	
22	50	199	351	5	56 / 44	12	261	222	562	5	267 / 255	12	
23	68	172	369	5	74 / 62	12	246	234	547	5	252 / 240	12	
24	85	064	386	5	90 / 78	12	260	440	561	5	267 / 252	12	
TOTALS	1888	443				322	5482	122				320	
							1888	443				322	
DIFF ELEV							3593	679				642	METERS
B.M. 202-12													B.M. 202-12 FOR DESC SEE F.B. 2878 70

F.B. 2878 PG. 62

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY K. LAND NOTES K. MYERS

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 7523

TIME 12.20 TO 1.15 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE 8/15/6[illegible]

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.R. LIND

NOTES BY LIND DATE 8-9-62

INDEXED C. J. GAULI DATE

WEATHER Sunny

TIME 10:00 / 11:30

NOTES CHKD [illegible] DATE

F.B. 2878 Pg. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 202-13 TO BM 201-104
BM 202-13					38						281		BM 202-13
1	31	421	332	5	24	14	275	061	576	5	269	12	FOR DESC SEE F.B. 2878-21
					39						265		
2	33	696	334	5	27	12	259	942	560	5	251	12	
					39						261		
3	33	814	334	5	27	12	255	328	556	5	249	12	
					26						272		
4	20	641	32	5	14	12	266	081	567	5	260	12	
					44						276		
5	39	850	340	5	34	10	271	682	572	5	266	10	X- MYERS
					62						246		
6	57	035	358	5	52	10	241	818	542	5	236	10	
					33						272		
7	28	840	329	5	23	10	267	392	568	5	262	10	
					43						275		
8	38	562	339	5	33	10	270	167	571	5	265	10	
					32						258		
9	27	739	328	5	22	10	253	271	554	5	248	10	
					89						269		
10	84	182	385	5	79	10	264	718	565	5	258	11	
					75						265		
11	69	058	370	5	63	12	259	031	560	5	253	12	
					57						283		
12	51	360	352	5	45	12	277	938	578	5	271	12	
					63						271		
13	58	830	359	5	53	10	266	207	567	5	260	11	
					51						259		
14	46	168	347	5	41	10	254	598	555	5	248	11	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 202-13 TO BM 201-104
					67						257		
15	62	530	363	5	57	10	251	668	552	5	245	12	
					49						271		
16	43	205	344	5	37	12	265	920	566	5	259	12	
					50						267		
17	45	639	346	5	40	10	262	065	563	5	256	11	
					37						261		
18	32	671	333	5	27	10	256	477	557	5	250	11	
					39						268		
19	33	815	334	5	27	12	263	082	564	5	258	10	
					43						238		
20	37	608	338	5	31	12	233	118	534	5	228	10	
					61						234		π – MYERS
21	56	260	357	5	51	10	229	971	530	5	224	10	
					54						253		
22	50	266	351	5	44	10	248	314	549	5	243	10	
					54						256		
23	50	420	351	5	44	10	252	746	553	5	246	10	
					56						264		
24	51	848	352	5	46	10	259	811	560	5	253	11	
					42						265		
25	37	070	338	5	32	10	260	630	561	5	254	11	
					46						248		
26	41	481	342	5	35	11	243	166	544	5	238	10	
					47						255		
27	41	249	342	5	35	12	249	483	550	5	243	12	
	1205	258					6959	685					

F.B. 2878 PG. 64

JOB NO. 0302.01

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY LWD NOTES LIAD

INDEXED C.J. GALL DATE

WEATHER SUNNY INST. NO. 75234

TIME 10:00 TO 11:30 ROD NO. 758 9

NOTES CHKD [illegible] DATE 5/15/62

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY: C.L. Smith WEATHER Sunny

NOTES BY: C.L. Smith DATE 8-9-62 TIME 8:00 to 11:30 INST. NO. 1529

INDEXED C.J. GALLI DATE NOTES CHKD DATE ROD NO. 2578

F.B. 2578 PG. 14

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM By 202-13 TO By 201-104
					49						274		
28	43	382	344	5	37	12	268	232	569	5	222	12	
					43						249		
29	37	004	338	5	31	12	243	222	544	5	237	12	
					44						254		
30	38	905	339	5	32	12	249	510	550	5	244	10	
					48						256		
31	42	714	343	5	36	12	250	521	551	5	244	12	
					56						258		
32	50	236	351	5	44	12	252	957	553	5	246	12	
					74						228		
33	60	075	361	5	46	18	213	961	514	5	198	30	
TOTALS	1477	574	✓			371	9438	088	✓			883	✓
							1477	574	✓			371	✓
DIFF ELEV.						-	6960	514	✓			754	✓

By 201-104

By 201-104 METERS

For Desc See FN 2548-10

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

N-3753

INST. NO. 9566

ROD NO. 3.00

DATE 8/16/62

WEATHER SUNNY

TIME 1 PM to 3 PM

NOTES CHKD Wm

F.B. 287 K PG. 46

JOB NO. 03201.02 PARCEL LINE NET

SURVEY OF L.A. CO.

SURVEY BY K. Lund NOTES R.J. Rodriguez

INDEXED C. J. GALLI DATE 8-9-10

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 201-104 TO BM 202-13
1	200	230	501	5	214 185	29	047	460	348	5	61 33	28	BM 201-104
2	259	181	560	5	265 252	13	055	891	356	5	61 49	12	For Misc Surv [illegible]
3	256	064	557	5	262 250	12	046	952	341	5	52 40	12	
4	248	988	549	5	254 243	11	064	160	365	0	69 58	11	
5	279	895	580	5	285 273	12	048	561	349	5	54 42	12	
6	268	909	569	5	274 262	12	047	090	348	5	55 41	14	
7	264	112	565	5	270 258	12	055	250	352	5	61 49	12	
8	255	928	556	5	261 250	11	053	303	354	5	57 48	11	
9	269	151	570	5	274 263	11	050	649	351	5	56 45	11	
10	276	360	577	5	282 271	11	060	225	361	5	65 54	11	
11	260	801	561	5	266 255	11	065	284	366	5	21 60	11	
12	261	725	562	5	266 255	11	076	363	377	5	82 71	11	
13	245	907	546	5	250 240	10	061	559	362	5	67 56	11	
14	241	100	542	5	246 236	10	049	430	350	5	54 43	11	
	3588	351					782	677					

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY: C-K-LINO

NOTES BY: K. J. RODRIGUEZ DATE 8-9-62

INDEXED: C. J. CALLI DATE

WEATHER: SUNNY

TIME: [illegible] 3:00

NOTES CHKD: [illegible] DATE

INST. NO.

ROD NO.

DATE

FB 2478

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 201-104 TO BM 202-13
15	284	962	585	5	280 279	11	049	679	350	5	33 44	11	
16	272	576	573	5	278 267	11	043	251	344	5	48 38	10	
17	271	209	572	5	276 265	11	057	032	358	5	62 51	11	
18	270	751	571	5	276 264	12	049	259	350	5	55 43	12	
19	256	148	557	5	260 250	10	064	270	365	5	70 59	11	
20	254	028	555	5	260 249	11	045	392	346	5	51 40	11	
21	267	898	568	5	273 262	11	058	709	359	5	64 53	11	
22	283	031	584	5	289 276	13	051	582	352	5	57 45	12	
23	261	300	562	5	267 255	12	080	380	381	5	86 74	12	
24	228	047	529	5	233 222	11	045	630	346	5	50 40	10	
25	254	500	555	5	259 249	10	031	602	332	5	37 26	11	
26	277	781	578	5	283 272	11	039	859	340	5	45 34	11	
27	259	755	560	5	265 254	11	035	393	336	5	41 30	11	
28	254	715	555	5	260 249	11	050	275	351	5	55 44	11	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 201-104 TO BM 202-13
29	256	875	557	5	262 / 251	11	037	559	338	5	43 / 32	11	
30	277	439	578	5	283 / 271	12	043	580	344	5	50 / 37	13	
31	270	589	571	5	276 / 264	12	033	709	334	5	39 / 27	12	
32	257	080	558	5	263 / 251	12	031	949	332	5	37 / 25	12	
33	280	708	581	5	286 / 274	12	035	358	336	5	41 / 28	13	
TOTALS	8627	793				391	1667	145				394	
	1667	145										391	
DIFF ELEV +	6960	648										785	METERS
BM 202-13													BM 202-13 FOR DESC SEE FB. 2878-21

F.B. 2871 PG. 67 JOB NO. 0301.02

SURVEY OF L.A. Co. PROVISIONAL LEVEL NET

SURVEY BY C.K. Lim NOTES R.J. Rodriguez

INDEXED C. J. GALLI DATE 8-9-62

WEATHER SUNNY INST. NO. N3-752

TIME 1:00 to 3:00 ROD NO. 95090

NOTES CHKD [illegible] DATE 8/15/62

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

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

SURVEY BY: K. LIND

NOTES BY K. MYERS DATE Aug. 10, 1962 WEATHER Sunny TIME 1:35 TO 2:10

INDEXED G. J. GALL DATE NOTES CHKD K. Lind DATE

INST. NO. 1 RODMAN

F.B. 2873 Pg. 54

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 201-104 TO BM 201-105
M. 201-104													B.M. 201-104
1	40	056	341	5	58 / 22	36	277	030	578	5	294 / 256	36	FOR DESC SEE F.B. 2846-80
2	16	989	317	5	37 1/2 / 16	42	271	106	572	5	291 / 250	41	
3	15	620	316	5	31 / 15	32	265	821	566	5	282 / 250	32	
4	30	425	331	5	55 / 5	50	242	000	543	5	267 / 217	50	
5	97	041	398	5	122 / 71	51	200	503	501	5	226 / 175	51	↑ C.G VALDEZ
6	124	696	425	5	149 / 99	50	205	150	506	5	230 / 180	50	
7	43	894	344	5	75 / 12	63	248	320	549	5	279 / 217	62	
8	96	259	397	5	122 / 70	52	216	209	517	5	242 / 190	52	
9	34	005	335	5	60 / 9	51	238	216	539	5	264 / 213	51	
10	108	579	409	5	121 / 96	25	169	382	470	5	182 / 157	25	
TOTALS	607	564				452	2333	737				450	
							607	564				452	
DIFF. ELEV.						-	172.6	173	1.0			602	METERS
M. 201-105													B.M. 201-105
													FOR DESC SEE F.B. 2846-81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 201-105 TO BM 201-104
B.M. 201-105													B.M. 201-105
1	170	275	471	5	183 / 158	25	109	451	410	5	122 / 97	25	FOR DESC SEE FB 2[illegible]
2	240	212	541	5	266 / 215	51	36	489	337	5	62 / 11	51	
3	218	355	519	5	244 / 192	52	96	782	397	5	122 / 70	52	
4	242	395	543	5	273 / 210	63	38	401	339	5	69 / 6	63	
5	204	427	505	5	229 / 179	50	129	839	430	5	154 / 104	50	
6	209	170	510	5	233 / 183	50	102	040	403	5	127 / 77	50	
7	245	032	546	5	270 / 219	51	54	485	355	5	80 / 29	51	
8	299	142	600	5	299 / 283	½ / 32	26	951	327	5	42 / 10	32	
9	248	371	549	5	268 / 227	41	2	531	303	5	22 / 2	½ / 40	
10	283	460	584	5	302 / 265	37	37	530	338	5	56 / 19	37	
TOTALS	2300	839				152	634	499				451	
	634	499										452	
DIFF ELEV	1726	340										903	Hatch
B.M. 201-104													B.M. 201-104 FOR DESC SEE F.B. 2878-80

F.B. 2878 PG. 12 JOB NO. 0301.02

SURVEY OF L.A. CO. DRECISE LEVEL NET

SURVEY BY K. LIND NOTES K. MYERS

INDEXED C. J. CALLI DATE

WEATHER SUNNY INST. NO. 752

TIME 2:10 TO 2:50 ROD NO. 95 & 9

NOTES CHKD [illegible] DATE 8/10/6

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

Survey of L.A. Co. Precise Level Net
J.N. 0301.02 Tape: Std °F
Surveyed by E. E. Brooks
Notes E. E. Brooks Date July 1962
Indexed C. J. GALLI SEP 13 62

F. B. 2878 PG. 71

J. N. 0301.02

L. A. Co. PRECISE LEVEL NET

LINE 202

Section 2

Route
N. E'ly along The S.P.R.R. from a point 1.62 miles S.W'ly of the crossing of The S.P.R.R. and Old Soledad Canyon Rd To The crossing and Then N'ly on Crown Valley Rd. To Mint Canyon (Sierra Hwy - U.S. #6)

Section	1	F.B. 2878	pg	5	To	pg	70
Section	2	"	"	71	"	"	142*
Section	3	"	"	143	"	"	248
"	"	"	2879	"	5	"	" 102*

Section	1	BM	202-1	thru	202-13
"	2	BM	202-14	"	202-24
"	3	BM	202-25	"	202-55

* Re-run ~~Bal~~ 202-22 to 23 FB 2878-251, 252
" " 202-46 to 47 " 2878-255, 256

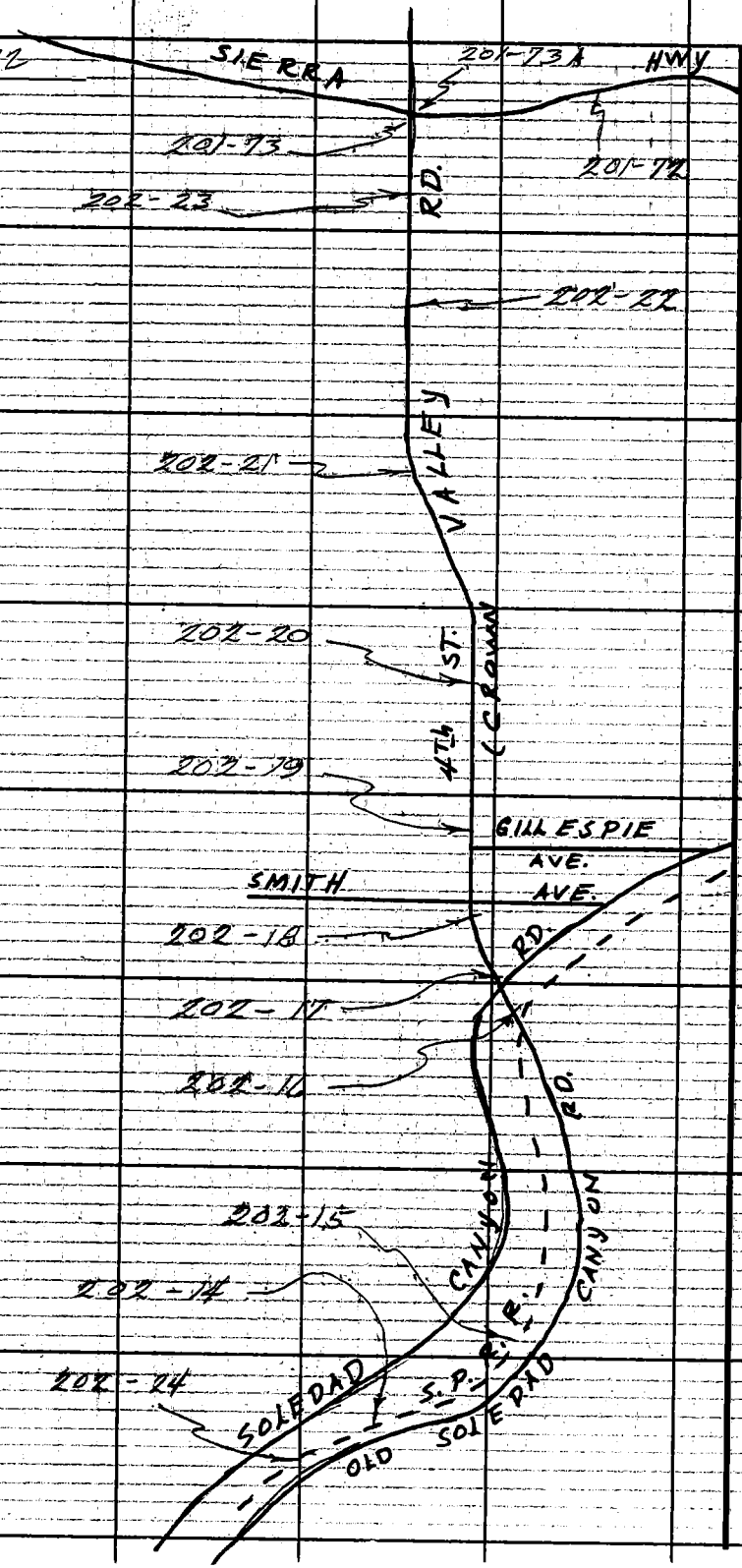
E.E. Brooks
J.M. Maldonado
G.E. Cook
G.R. Esquer
A.O. Beck

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 this side of this line.

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

76F3095 CE # 310 3-61

F.B. 2818 PG. 72



LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

PLEASE RETURN TO

Do not extend this side of this line.

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

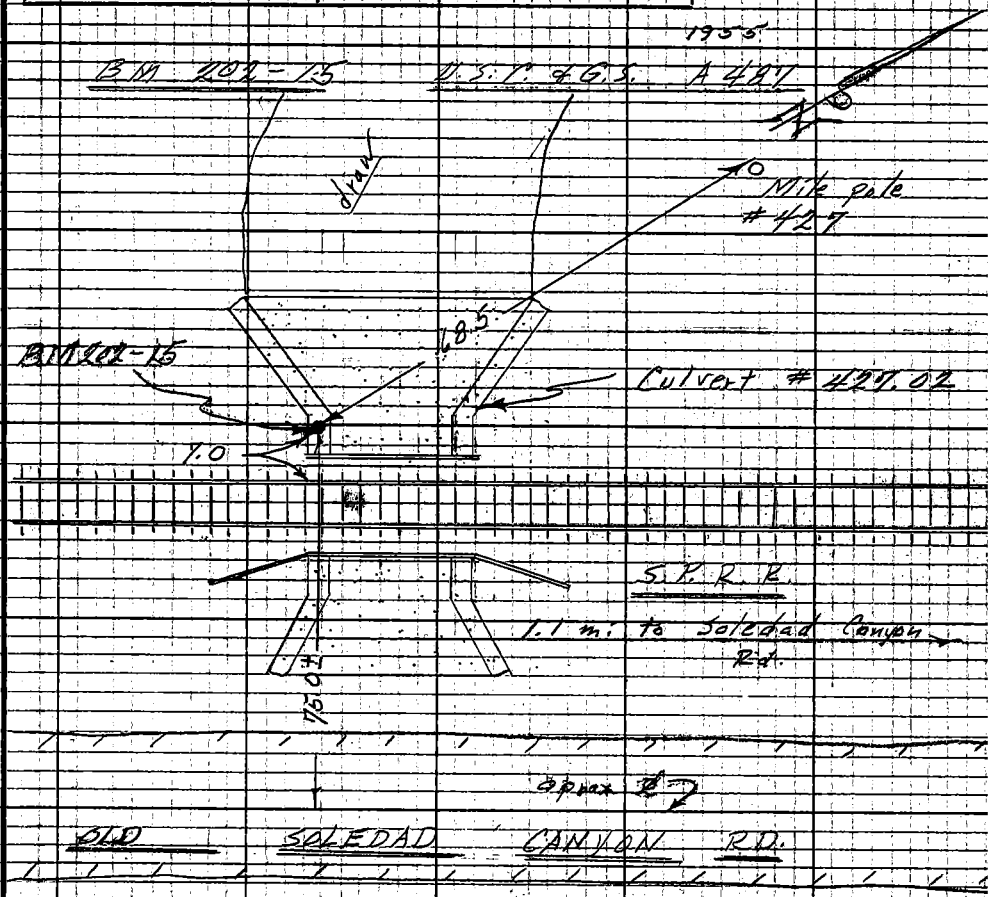
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks Date July 1962
Date	Indexed C. J. GALLI

F.B. 2878 PG. 19

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

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

Do not extend notes this side of this line.



BM 202-15 U.S.C. & G.S. A 487

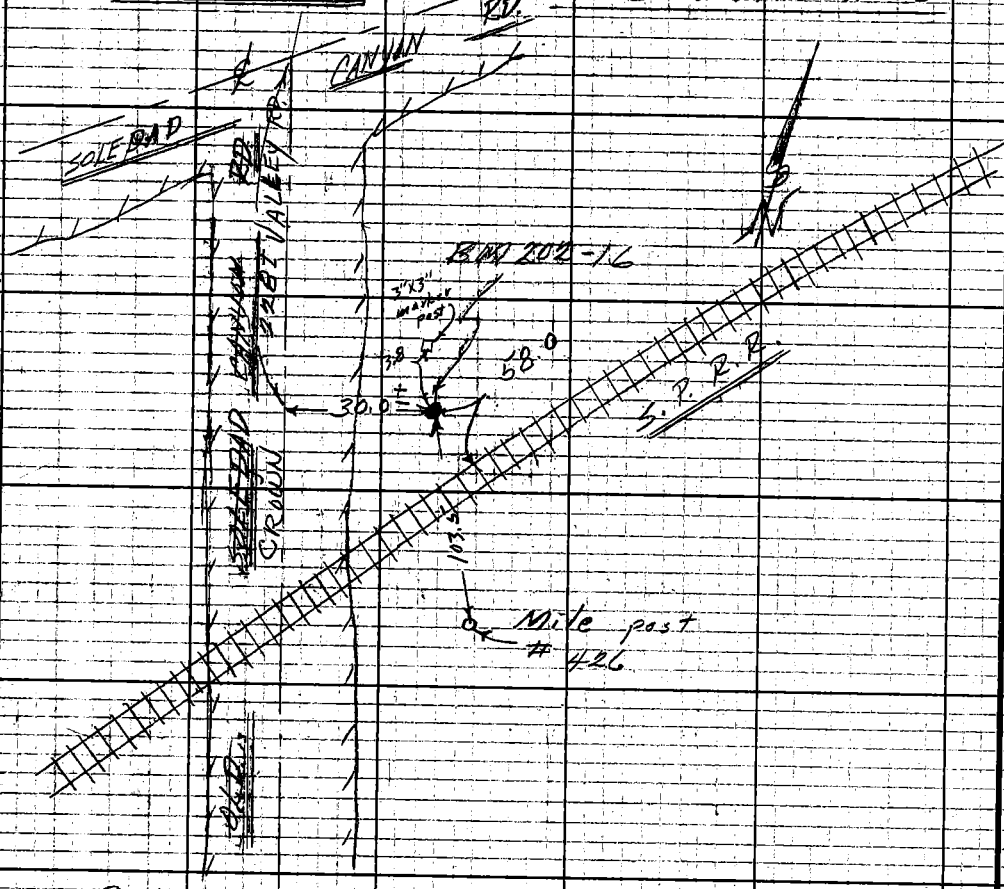
This mark is 1.1 mi S of inter. of Soledad Canyon Rd and old Soledad Canyon Rd in Town of ACton. The mark is in the top of the S.W. abutment of culvert # 427.02 on the S.P.R.R. R/W.; 68.5 ft S of mile post # 427 and 75.0± ft N.W. of the ℄ of old Soledad Canyon Rd. The mark is a U.S.C. & G.S. Bronze Disc cemented into the top of the abutment and is stamped A 487 1955

76FS095 CE #247—3-57

F.B. 2878 Pg. 74

1926

BM 202-16 U.S.C. & G.S. H 53



BM 202-16 U.S.C. & G.S. H53

This mark is 228± S.E.ly of ℄ Int. of Soledad Canyon Rd. & Old Soledad Canyon Rd. in Acton; 30°± E. of ℄ of Old Soledad Canyon Rd, 58° N.W. of N'ly rail of S.P.R.R. 103.5 ft. N.W. of Mile Post # 426. The mark is a U.S.C. & G.S. Brass Disc Set on Top 8x8" Conc. Post 6" high. The mark is stamped H53 1926.

3"x3" marker post 3.8 ft N.W.

DESC. O.K. 12-14-77 L.W. Jones

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

Do not extend notes this side of this line.

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

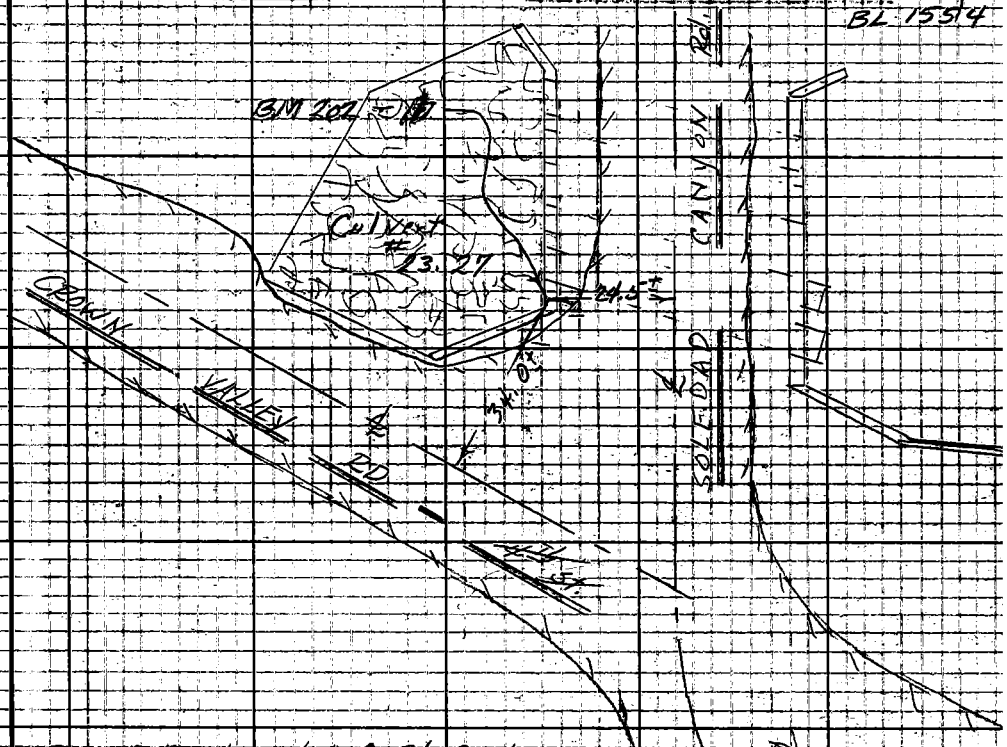
Notes Ck'd by
Map No.
Office Work
Checked
Date

Survey of L.A. Co. Precise Level Net
JN 03011n2 Tape Std oF
Surveyed by F. E. Brooks
Notes F. E. Brooks Date July 1961
Indexed C. J. GALLI

F. B. 2818 Pg. 75

BM 202 - 17

L.A. Co. Rd. Dept BM 1 = BL 1554



BM 202 - 17 L.A. Co. Rd. Dept BM 1 BL 1554

This mark is at the NE. cor. at SOLEDAD CANYON RD and 7th ST (CROWN VALLEY RD) in the town of Acton. The mark is o.1± in the N. end of the N. head wall of CULVERT # 23.27 and is 24.5'± N of the ℄ of Soledad Canyon Rd. and 32.0'± E. of the ℄ of 7th St. (Crown Valley Rd.)

DESC. O.K. 12-14-77 L.W. JONES

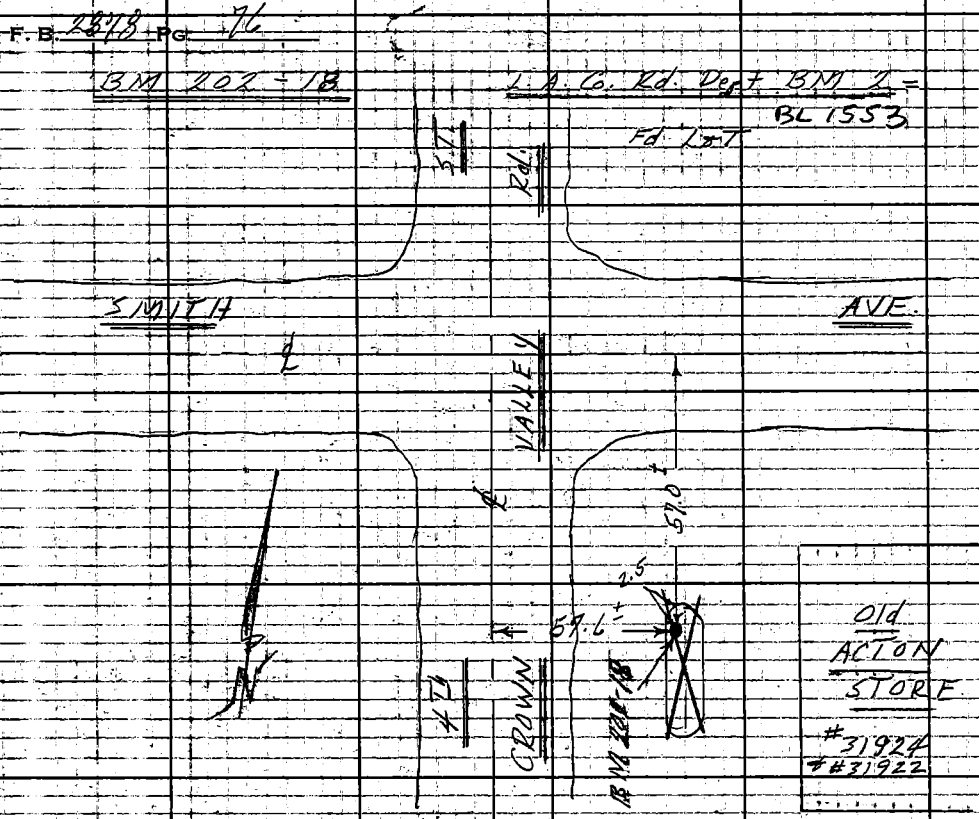
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

76309S CE #247—7-58

F.B. 2878 PG. 76



BM 202-18 L.A. Co. Rd. Dept BM 2 = BL 1553

This mark is in the S.E. cor. of 4th St. (Crown Valley Rd.) and Smith Ave. in the Town of Acton. The mark is a L&T. 1.5 ft. S. of the N. end of the gas pump island at the Old ACTON STORE 57.6± ft E. of the ℄ of 4th ST (Crown Valley Rd.); and 57.0± ft S. of ℄ of Smith Ave.

NOTE: MON REMOVED BY NEW CONSTRUCTION 5-17-78 M.E.W.

RETURN TO LOS ANGELES COUNTY ENGINEER 900 Los Angeles County Engineering Bldg.

Do not extend notes beyond this line.

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

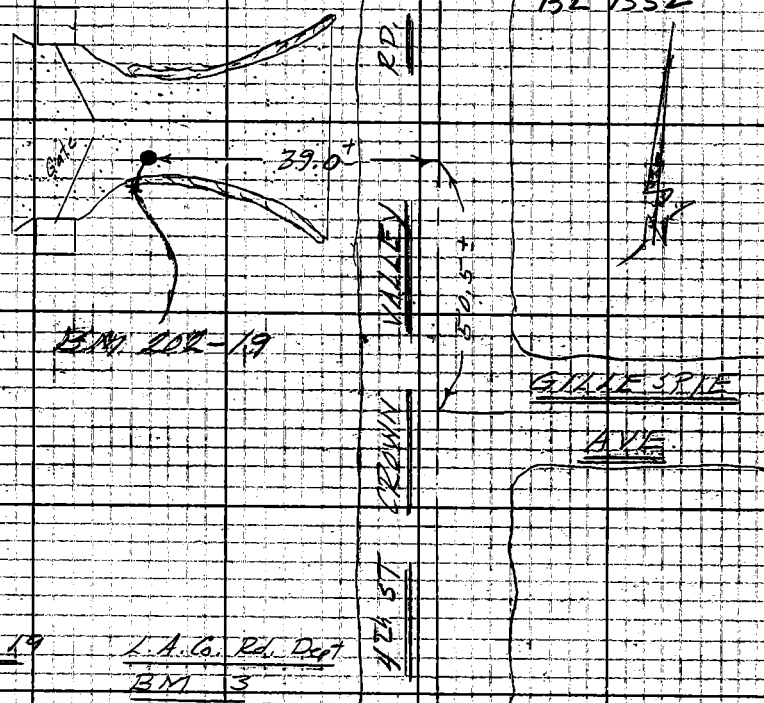
Notes Ck'd by:
Map No.
Office Work
Checked
Date

Survey of L.A. Co. Precise Level Net
JN 1501.62 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date July 1946
Indexed B. J. GALLI

F. B. 1878 Pg. 77

BM 202-19

L.A. Co. Rd. Dept BM 3 = BL 1552



BM 202-19 L.A. Co. Rd. Dept
BM 3
BL 1552

This mark is on 47th ST (Crown Valley Rd) near Gillespie Ave. The mark is a L&T set in the S edge of the conc. drive to house # 32109 and is 39.0± Ft W. of ℄ of 47th St (Crown Valley Rd) and 50.5± Ft N. of ℄ prod of Gillespie Ave.

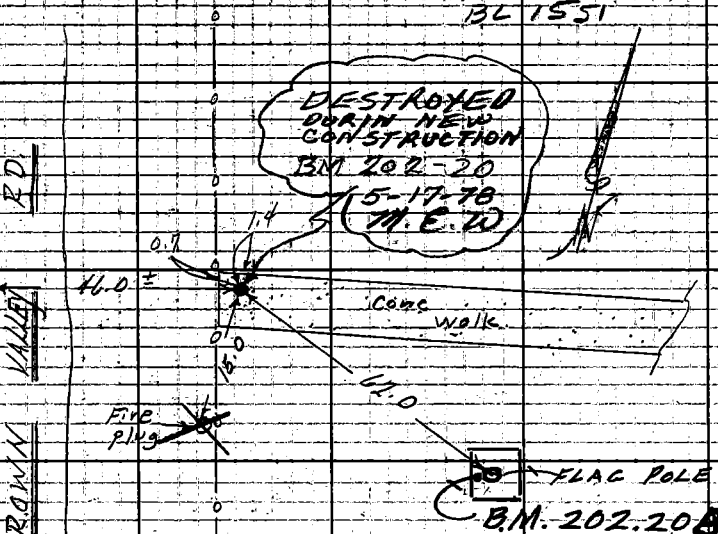
RETURN TO
LOS ANGELES COUNTY ENGINEER
900 LOS ANGELES COUNTY ENGINEERING BLDG.

Note: Any Additions or Changes on This Sheet Must Be Made of Circled In Red Ink With Date and Name of Person Making Change.
Do not extend notes this side of this line.

763098 CE #247 7-55

F.B. 2818 PG. 78

BM 202-20 L.A. Co. Rd. Dept BM 4
BL 1551



BM 202-20 L.A. Co. Rd. Dept BM 4.
BL 1551

This mark is on 47th ST. (Crown Valley Rd) at the SOLEDAD AGUA DULCE UNION SCHOOL. The mark is a L&T in the N.W. cor. of the conc. walk to the school. 1.4 ft S. of N edge and 0.7 ft E. of W. edge of Walk; 46.0± ft E. of the ℄ of 47th ST. (Crown Valley Rd.); ~~16.0 ft N. of a fire hyd. and 62.0 ft N.W. of the~~ school flag pole. RESET COUNTY ENGINEER BRASS DISK IN 18"x18" CONC. BASE OF FLAG POLE. MARKED AS SHOWN. DISC. OK

BM 202-20B

COUNTY ENGINEER BM. 202-20B 1978 R.E. 22116

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

Do not extend notes this side of this line.

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

Notes Ck'd by:	Survey of: L.A. Co. Precise Level Net	F.B. 2878	Pg. 79
Map No.:	JN 030102 Tape: Std: °F		
Office Work:	Surveyed by: F. E. Brooks		
Checked:	Notes: F. E. Brooks Date: July 1962		
Date:	Indexed: C. J. GALLI		

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

Do not extend notes this side of this line.

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

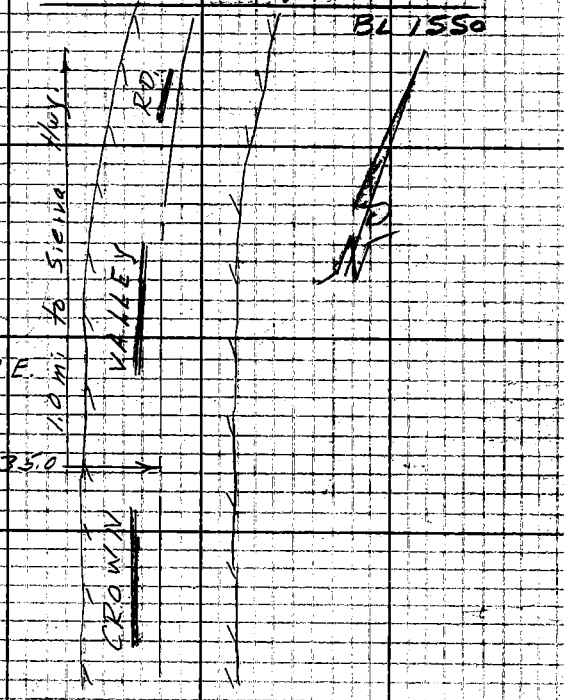
763095 CE #247 7-55

BM 202 - 21

L.A. Co. Rd. Dept BM 1960

mon. in well

L.A. Co. Rd. Dept. BM 5 = BL 1550



P.P. # 536168 E.

6.0

35.0

BM 202 - 21

BM 202 - 21

L.A. Co. Rd. Dept BM 5 = BL 1550

This mark is 1.0 mi. So. of Sierra Hwy, and 35 ± W. of Crown Valley Rd & 6' S.W'ly of P.P. # 536168.

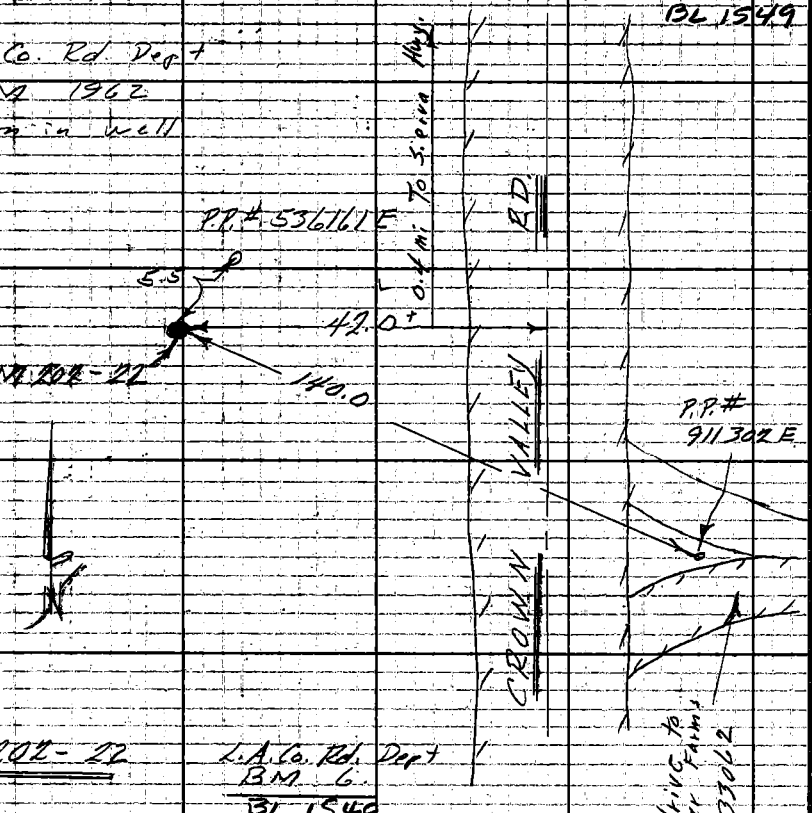
The mark is a L.A. Co. Rd. Dept. pre-cast mon. set in well, protected by cast iron cover marked L.A. Co. Rd. Dept. . . . . This mon. is stamped L.A. Co. Rd. Dept. BM 1960

F.B. 2578 Pg. 80

BM 202-22

L.A. Co. Rd. Dept BM 6 = BL 1549

L.A. Co. Rd Dept
BM 1962
mon in well



BM 202-22

L.A. Co. Rd. Dept
BM 6.
BL 1549

This mark is 0.4 mi. So. of Sierra Hwy. E, 42 ft. ± W. of E Crown Valley Rd, 140.0 ft. N.W. of P.P. # 911302E and 5.5 ft. S.W. of P.P. # 536161E. The mark is a L.A. Co. Rd. Dept. pre-cast mon. set in well, protected by cast iron cover marked L.A. Co. Rd. Dept. This mon. is stamped L.A. Co. Rd. Dept. BM 1962

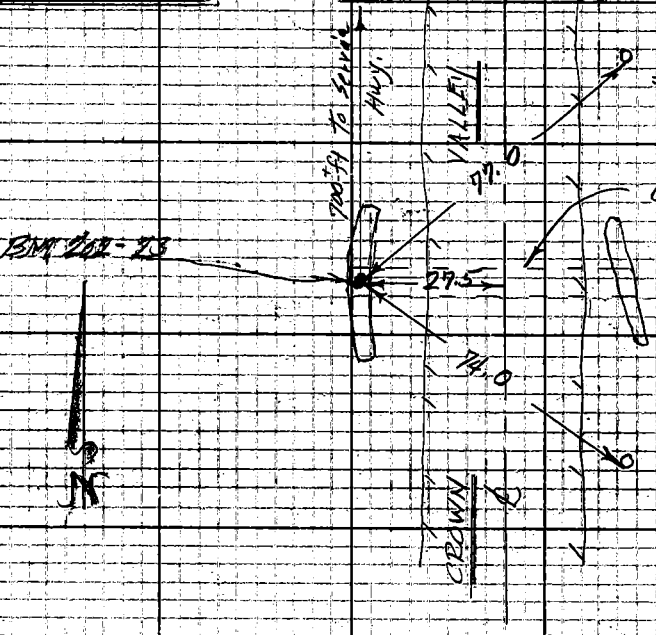
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

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

Notes Ck'd by:	Survey of L.A. Co. Precise Level Net	F.B. 2878	Pg. 81
Map No.	JN 0301.02 Tape Std oF		103-5
Office Work	Surveyed by F. E. Brooks		
Checked	Notes F. E. Brooks Date July 1962		
Date	Indexed C. J. GALLI		

BM 202-23 L.A. Co. Rd. Dept. BM 7



BM 202-23 L.A. Co. Rd. Dept. BM 7

This mark is 700± ft. So. of Sierra Hwy & 27.5± ft. W. of ℄ of Crown Valley Rd., 77.0 ft. S.W. of Tel. Pole #103-6 and 774.0 ft. N.W. of Tel. Pole #103-7. The mark is a L & T in the center of W. Hd. Wall of culvert #0.13

NOT RECOVERED, NO EVIDENCE, FREEWAY NOW AT THIS LOCATION
2-22-73 G.E. DREIER

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

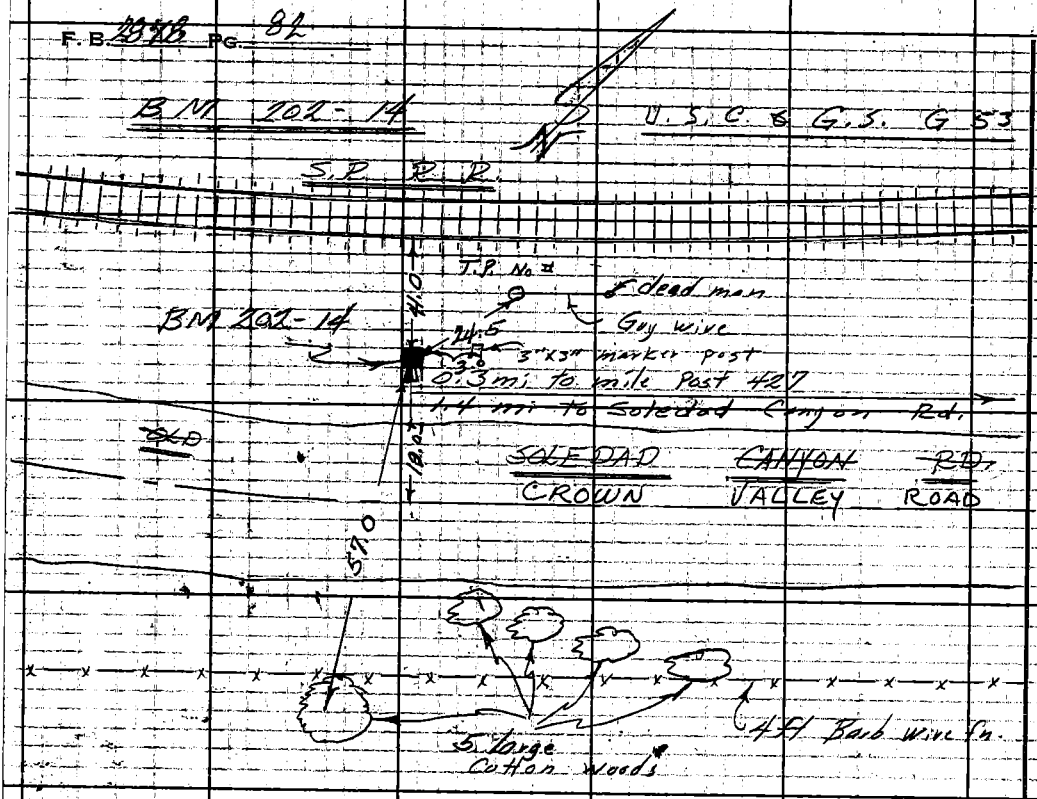
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

763095 CE #247 7-53

F. B. 2978 PG. 82

BM 202-14 U.S.C. & G.S. G 53



BM 202-14 U.S.C. & G.S. G 53

This mark is on Old Soledad Canyon Rd. 1.4 mi S.W. of inter. of Soledad Canyon Rd and Old Soledad Canyon Rd in Acton. This mark is 0.3 mi S.W. of mile post 427.; 41.0 ft. S. of Sly rail of S.P.R.R.; 24.5 ft. S.W. of T.P. with guy wire; 19.0± ft N.W. of ℄ of Old Soledad Canyon Rd. and 57.0 ft N.W. of the most Sly of 5 large Cotton wood Trees. The mark is a U.S.C. & G.S. Brass Disc set in the top of a 8"x8" conc post 6" high. The mark is stamped G 53 1926 3"x3" marker post 3 ft NE. The Sly cor. of the mon. has been knocked off and the Sly edge of the Brass Disc has been sheared off. Both appear to be sol.d

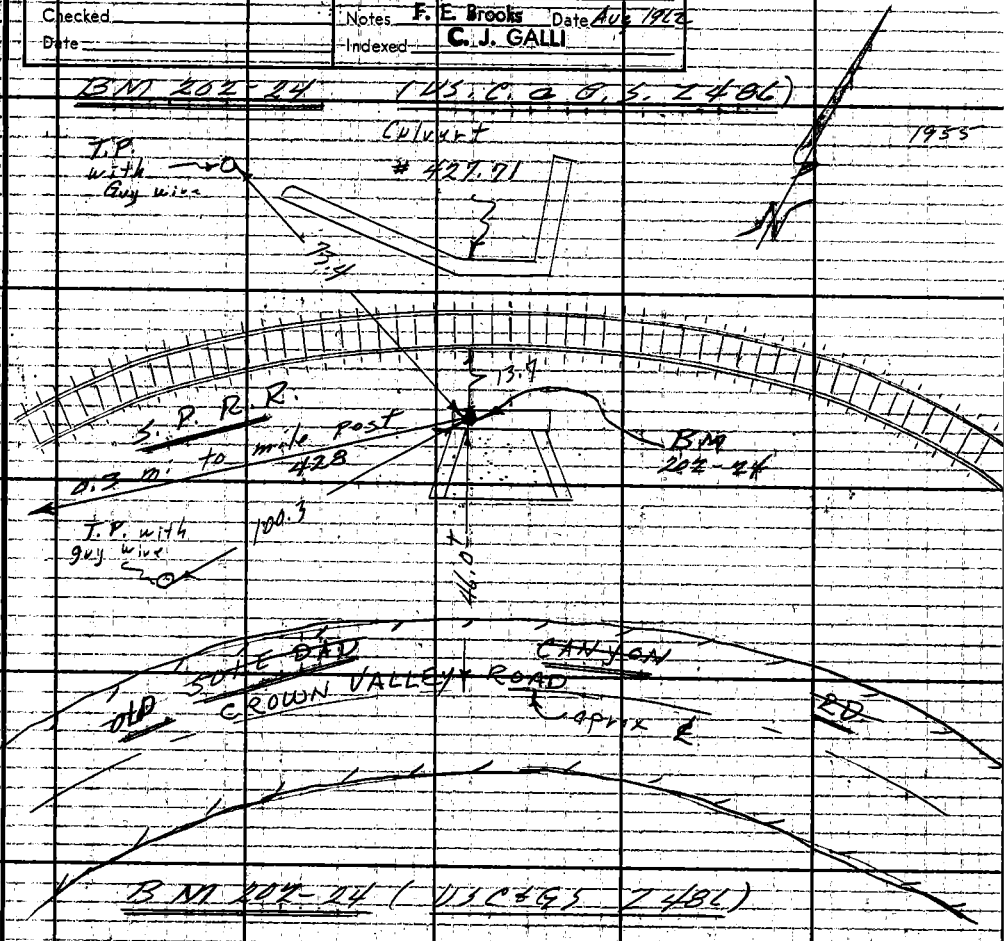
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Survey of L.A. Co. Precise Level Net
J.N. 0301.42 Tape Std °F
Surveyed by F. E. Brooks
Notes F. E. Brooks Date Aug 1942
Indexed C. J. GALLI

F. B. 2878 PG. 87

BM 202-24 (USC&GS Z 486)



BM 202-24 (USC&GS Z 486)

This mark is on Old Soledad Canyon Rd. 0.3 mi N.E. of mile pole # 428. The mark is a USC&GS Brass disc cemented into the W. end of the S. head wall of culvert # 427.71. The mark is 46.0 ft. N.W. of the aprox ℄ of Old Soledad Canyon Rd. 13.4 ft Sly of the most Sly Rail of the S.P.R.R. 73.4 ft S.E. of a Tele. Pole with a guy wire and 100.3 ft N.E. of a Tele. Pole with a guy wire the mark is stamped Z 486 1955

1955

Note: Any Additions or Changes on This Sheet Must be Made of Circled in Red Ink-With Date and Name of Person Making Change.
Do not extend this side of this line.

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

76F3095 CE # 310 3-61

F. B 2878 PG. 84

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

Do not extend this side of this line.

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

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:45 - 11:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0311.02
From BM 202 - 24 To BM 204 - 14
Date 3 Aug 1962
Indexed C. J. GALLI SEP 1 3 '62

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.393		.029		#19	8.677		.034		BM 202 - 24 (USC&GS Z 486)
	1.364		.028			8.643		.032		Old Soledad Canyon Rd. 0.3
	1.336		.057			8.611		.066		mi. N.E. of mile post 42
	4.093	1.3643		.057	80°	25.931	8.6437		.066	See FB 2878 - 85
2	2.158		.116			5.470		.108		T Maldonado
	2.042		.112			5.362		.110		
	1.930		.228			5.252		.218		
	6.130	2.0433		.285		16.084	5.3613		.284	
3	5.551		.143			3.812		.143		
	5.408		.145			3.669		.146		
	5.263		.288			3.523		.289		
	16.222	5.4073		.573		11.004	3.6680		.573	
4	8.094		.146			0.942		.144		
	7.948		.149			0.798		.141		
	7.799		.295			0.652		.290		
	23.841	7.9470		.868		2.392	0.7973		.863	
5	6.840		.147			6.410		.147		
	6.693		.145			6.263		.146		
	6.548		.292			6.117		.293		
	20.081	6.6937		1.160		18.790	6.2633		1.156	
		23.4536					24.9336			

F.B. 2878 P.G. 85

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:45 - 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Nat
Job No. 0301.02
From BM202-24 To BM202-14
Date 3 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.910	23.4556	.143	1.160		4.159	24.7336	.142	1.156	
	4.767		.147			4.017		.146		
	4.620		.290			3.871		.288		
	14.297	4.7657		1.450		12.047	4.0157		1.444	
7	6.901		.143			3.552		.144		
	6.758		.146			3.408		.147		
	6.612		.289			3.261		.291		
	20.271	6.7570		1.739		10.221	3.4070		1.735	
8	6.728		.147			3.829		.148		
	6.581		.147			3.681		.144		
	6.434		.294			3.537		.292		
	19.743	6.5810		2.033		11.047	3.6823		2.027	
9	6.107		.148			3.770		.147		
	5.959		.146			3.623		.146		
	5.813		.294			3.477		.293		
	17.879	5.9597		2.327		10.870	3.6233		2.320	
10	5.918		.148			3.488		.147		
	5.770		.147			3.341		.149		
	5.623		.295			3.1[illegible]		.296		
	17.311	5.7703		2.622		10.021	3.3403		2.616	
		53.2893					[illegible]			

E.B. 7878 P.G. 8 Lot

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:45 - 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-24 To BM 202-14
Date 3 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.603	53.2893	.100	2.622	#19	1.171	42.8022	.100	2.612	BM 202-14 (USCWGS G-53)
	6.503		.100			1.071		.100		Old Soledad Canyon Rd.
	6.403		.200			0.971		.200		0.3 mi W. of mile post 427
	19.509	6.5030		2.822	82	3.213	1.0710		2.816	See F.B. 2878 - 82

Summation of Run
From B.M. 202-24
To B.M. 202-14

Total Backsights = + 59.7923
Total Foresights = − 43.8732
Diff. Elev. = + 15.9191

Backsight stadia = 2.822
Foresight Stadia = 2.816
Total Stadia = 5.638
.36 mi

F.B. 2878 P.G. 87

PG.

F.B.

59.7923 ~~43.8732~~

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:05 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No 0301.02
From BM 202-14 To BM 202-24
Date 3 Aug 1962
Indexed C.J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.203		.100		#19	6.639		.100		BM 202-14 (USC&GS G-53)
	1.103		.100			6.539		.100		Old Soledad Canyon Rd.
	1.003		.200			6.439		.200		0.3 mi. W. of mile post 427
	3.309	1.1030		.200	82°	19.617	6.5390		.200	See F.B. 2872 - 82
2	3.423		.150			6.848		.147		T Cook
	3.273		.147			5.701		.145		
	3.121		.297			6.556		.292		
	9.822	3.2740		.497		17.105	5.7017		.492	
3	3.989		.148			6.325		.145		
	3.841		.149			6.180		.145		
	3.692		.297			6.035		.290		
	11.522	3.8407		.794		18.540	6.1800		.782	
4	3.913		.144			6.812		.144		F.B.
	3.769		.147			6.668		.146		
	3.622		.291			6.522		.290		
	11.304	3.7680		1.085		20.002	6.6673		1.092	
5	3.707		.147			7.061		.148		P.B.
	3.560		.144			6.913		.144		
	3.416		.291			6.769		.292		
	10.683	3.5610		1.376		20.743	6.9143		1.364	
F.B. 2878 P.G. 88		155467					32.0023			

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 R. E. Brooks Weather Clear Inst. No. 15066
Notes by R. E. Brooks Time 11:05 - 11:30 Rod No. 19 - 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-14 To BM 202-24
Date 3 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.569	15.5467	.146	1.376		5.320	32.0023	.145	1.364	
	4.423		.142			5.175		.145		
	4.281		.288			5.030		.290		
	13.273	4.4243		1.664		15.525	5.1750		1.654	
7	6.607		.149			7.032		.143		
	6.458		.150			6.889		.147		
	6.308		.299			6.742		.290		
	19.373	6.4577		1.963		20.663	6.8877		1.944	
8	1.108		.148			8.252		.148		
	0.960		.148			8.104		.146		
	0.812		.296			8.958		.294		
	2.880	0.9600		2.259		24.314	8.1047		2.238	
9	3.983		.142			5.729		.146		
	3.841		.142			5.583		.144		
	3.699		.284			5.439		.290		
	11.523	3.8410		2.543		16.751	5.5837		2.528	
10	5.625		.107			2.311		.112		
	5.518		.108			2.199		.116		
	5.410		.215			2.083		.228		
	16.553	5.5177		2.758		6.593	2.1977		2.756	
		36.7474					59.9511			

F.B. 2878 P.G. 89

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:05-11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-14 To BM 202-24
Date 3 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	9.445	36.7474	.035	2.758	#19	2.158	59.9511	.028	2.756	BM 202-24. (USC&GS X 486)
	9.410		.035			2.130		.029		old Soledad Canyon Rd
	9.375		.070			2.101		.057		0.3 mi N.E. of milepost # 428
	28.230	9.4100		2.828	82°	6.389	2.1297		2.813	FB 2878 - 83
										Summation of Run From B.M. 202-24 To B.M. 202-14
										Total Backsights = + 46.1574
										Total Foresights = - 62.0808
										Diff. Elev. = + 15.9234
										Backsight stadia = 2.828
										Foresight Stadia = 2.813
										Total Stadia = 5.641
										.36 mi.
		46.1574					62.0808			

F.B. 2878 P.G. 90

F.B.

PG.

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:25 – 10:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-14 To BM202-15
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.800		.047		#19	4.380		.048		BM 202-14 (USCGS G-53)
	2.753		.046			4.332		.048		Old Soledad Canyon Rd.
	2.707		.093			4.284		.096		0.3 mi W. of mile post 427
	8.260	2.7533		.093	84	12.996	4.3320		.096	See F.B. 2878-82
2	7.187		.149			3.474		.146		
	7.038		.147			3.328		.148		T Maldonado
	6.891		.296			3.180		.294		
	21.116	7.0387		.389		9.982	3.3273		.390	
3	6.849		.148			4.478		.147		
	6.701		.147			4.331		.149		
	6.554		.295			4.182		.296		
	20.104	6.7013		.684		12.991	4.3303		.686	
4	5.860		.148			3.853		.144		
	5.712		.145			3.709		.147		
	5.567		.293			3.562		.291		
	17.139	5.7130		.977		11.124	3.7080		.977	
5	6.631		.145			2.214		.146		
	6.486		.146			2.068		.148		
	6.340		.291			1.920		.294		
	19.457	6.4857		1.268		6.202	2.0673		1.271	
		28.6920					17.7649			

F.B. 2878 P.G. 91

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:25 - 10:45 Rod No. 19720

Name L.A. Co. Precise Level (Net)
Job No. 0301.02
From BM 202-14 To BM 202-15
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	8.108	28.6920	.149	1.268		4.238	17.7149	.147	1.271	
	7.959		.148			4.091		.148		
	7.811		.297			3.943		.295		
	23.878	7.9593		1.565		12.272	4.0907		1.566	
7	6.832		.144			3.500		.147		Summation of Run
	6.688		.148			3.353		.143		From B.M. 202-14
	6.540		.292			3.210		.290		To B.M. 202-15
	20.060	6.6867		1.857		10.063	3.3543		1.856	
8	6.533		.145			4.322		.144		Total Backsights = + 65.8834
	6.388		.148			4.178		.147		Total Foresights = - 35.6975
	6.240		.293			4.031		.291		Diff. Elev. = +30.1859
	19.161	6.3870		2.150		12.531	4.1770		2.147	
9	6.983		.145			3.963		.145		Backsight Stadia = 2.739
	6.838		.146			3.818		.147		Foresight Stadia = 2.730
	6.692		.291			3.671		.292		Total Stadia = 5.469
	19.513	6.8377		2.441		11.452	3.8173		2.439	.35 mi.
10	10.470		.150			6.639		.146		(USCGS A-487)
	10.320		.148			6.493		.145		BM 202-15, 1.1 Mi So.
	10.172		.298			6.348		.291		of Int'n. of Soledad Cyn. Rd
	30.962	10.3207		2.739	84°	7.480	2.4933		2.730	& old Soledad Cyn. Rd
	65.8834					35.6975				FB 2878-73

FB 2878 P.G. 92

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 Clear Inst. No. 15066
Notes by ESQUER Time 11:15-11:40 Rod No. 19/20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From ~~BM 202-15~~ To ~~BM 202-14~~
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3092		144		#19	10923		147		BM 202-15 (USED 65 A 487)
1	2948		147			10776		146		1.1 Mi. So. at Int's of Soledad Cyn. Rd
	2801		291			10630		293		& Old Soledad Cyn. Rd.
	8841	2.9470		291	94°	32329	10.7763		293	FB 2878-73
	3933		145			5953		145		
2	3788		146			5808		145		↑ Cook
	3642		291			5663		290		
	11,363	3.7877		582		17424	5.8080		583	
	4429		144			6642		149		
3	4285		146			6493		145		
	4139		290			6348		294		
	12853	4.2843		872		19483	6.4943		877	
	3528		146			6860		144		
4	3382		144			6716		146		
	3238		290			6570		290		
	10146	3.3826		1162		20146	6.7153		1167	
	4979		148			8846		147		
5	4831		149			8699		148		
	4682		297			8551		295		
	14492	4.8307		1459		26096	8.6987		1462	
		19.2338					38.4962			

F.B. 2878 P.G. 93

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 Clear Inst. No. 15066
Notes by ESQUER Time 11:15-11:40 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-15 To BM 202-14
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1852	19.23~~17~~ 23	147	1459		6270	38.4926	145	1462	
	1705		145			6125		145		
	1560		292			5980		290		
	5117	1.7057		1751		18375	6.1250		1752	
7	4252		146			6258		147		Summation of Run
	4106		148			6111		143		From B.M. 202-15
	3958		294			5968		290		To B.M. 202-14
	12316	4.1053		2045		18337	6.1123		2042	
8	4698		147			7069		147		Total Backsights = + 37.7974 80
	4551		148			6922		144		Total Foresights = − 67.9882
	4403		295			6778		291		Diff. Elev. = − 30.1908 2
	13652	4.5507		2340		20769	6.9230		2333	
9	3740		149			7450		147		Backsight stadia = 2.729
	3591		146			7303		146		Foresight Stadia = 2.718
	3445		295			7157		293		Total Stadia = 5.447
	10776	3.5920		2635		21910	7.8033		2626	.34 mi. (USCGS 8-53)
10	~~4659~~		047			3078		~~046~~		BM 202-14, old Soledad
	4612		047			3032		~~046~~		Cuyn. Rd. 0.3 mi W. of Mile
	4565		094			2986		092		Post 427
	13836	4.6120		2729	94°	9096	3.0320		2718	FB 2878 — 82
		37.7974					67.9882			

F.B. 2878 P.G. 94

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 R. E. Brooks — Weather Clear — Inst. No. 15066
Notes by R. E. Brooks — Time 14:50 - 11:55 — Rod No. 19220

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-15 To BM 202-16
Date 30 IV 62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.532		.169		#19	8.131		.158		BM 202-15 (USCGS A-487)
	6.365		.169			7.973		.155		1.1 mi. So. of Int. of Soledad Cany
	6.196		.338			7.818		.313		von Rd. & Old Soledad Canyon Rd.
	19.095	6.3650		.338	84°	23.922	7.9740		.313	See F.B. 2878-73
2	5.342		.144			4.127		.148		
	5.198		.146			3.979		.149		T Cook
	5.052		.290			3.830		.297		
	15.592	5.1973		.628		11.936	3.9787		.610	
3	6.922		.146			2.386		.147		
	6.776		.146			2.239		.148		
	6.630		.292			2.091		.295		
	20.328	6.7760		.920		6.716	2.2387		.905	
4	7.619		.148			3.535		.146		
	7.471		.146			3.389		.147		
	7.325		.294			3.242		.293		
	22.415	7.4717		1.214		10.166	3.3887		1.198	
5	6.371		.143			4.140		.148		
	6.228		.147			3.992		.144		
	6.081		.290			3.848		.292		
	18.680	6.2267		1.504		11.980	3.9933		1.490	
		32.0367					21.6793			

F.B. 2878 P.G. 25

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 E. E. Brooks Weather Clear Inst. No. 15966
Notes by E. E. Brooks Time 10:50 – 11:55 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0302.01
From BM 202-15 To BM 202-16
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.458	32.0367	.149	1.504		4.043	21.5734	.147	1.490	
	6.309		.148			3.896		.148		
6	6.161		.297			3.748		.295		
	18.928	6.3093		1.801		11.687	3.8957		1.785	
	6.388		.148			3.980		.148		
	6.240		.150			3.832		.149		
7	6.090		.298			3.683		.297		
	18.718	6.2393		2.099		11.495	3.8317		2.082	
	6.514		.150			3.121		.144		
	6.364		.146			2.977		.146		
8	6.218		.296			2.831		.290		
	19.096	6.3653		2.395		8.929	2.9763		2.372	
	7.058		.149			6.713		.145		
	6.909		.147			6.568		.149		
9	6.762		.296			6.419		.294		
	20.729	6.9097		2.691		19.700	6.5667		2.666	
	6.755		.148			3.689		.147		
	6.607		.147			3.542		.143		
10	5.460		.295			3.399		.290		
	16.822	5.6073		2.986		10.630	3.5433		2.956	
		63.4676					42.3773			

E.B. 2378 P.G. 96

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:50 – 11:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-15 To BM 202-16
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.522	63.4676	.138	2.986		4.016	4.2387	.155	2.956	
	6.384		.136			3.861		.158		
11	6.248		.274			3.703		.313		
	19.154	6.3847		3.260		11.580	3.8600		3.269	
	6.647		.148			3.712		.143		
	6.499		.148			3.569		.147		
12	6.351		.296			3.422		.290		
	19.497	6.4990		3.556		10.703	3.5677		3.559	
	6.552		.144			4.092		.144		
	6.408		.147			3.948		.148		
13	6.261		.291			3.800		.292		
	19.221	6.4070		3.847		11.840	3.9467		3.851	
	6.462		.144			3.968		.146		
	6.318		.148			3.822		.143		
14	6.170		.292			3.679		.289		
	18.950	6.3167		4.139		11.469	3.8230		4.140	
	6.179		.148			3.927		.147		
	6.031		.147			3.790		.147		
15	5.887		.292			3.643		.294		
	18.097	6.0323		4.431		11.370	3.7900		4.434	
		95.1073					11.3743			

F.B. 1978 P.G. 27

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:50 - 11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-15 To BM 202-16
Date 30 JUL 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.539	95.1073	.148	4.431		4.031	61.3747	.144	4.434	
	7.391		.147			3.887		.146		
	7.244		.295			3.741		.290		
	22.174	7.3913		4.726		11.659	3.8863		4.724	
17	6.264		.144			5.181		.148		
	6.120		.145			5.033		.145		
	5.975		.289			4.888		.293		
	18.359	6.1197		5.015		15.102	5.0340		5.017	
18	8.720		.148			3.463		.148		
	8.572		.146			3.315		.146		
	8.426		.294			3.169		.294		
	25.718	8.5727		5.309		9.947	3.3157		5.311	
19	7.922		.148			2.769		.147		
	7.774		.146			2.622		.149		
	7.628		.294			2.473		.296		
	23.324	7.7747		5.103		7.864	2.6213		5.107	
20	6.378		.147			5.369		.149		
	6.231		.148			5.220		.150		
	6.083		.295			5.070		.299		
	18.692	6.2307		5.898		15.659	5.2197		5.906	
	131.1963					81.9571				

F.B. 2818 P.G. 98

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:50-11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-15 To BM 202-16
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	5.689	131.~~0864~~ 1963	.147	5.898		3.239	81.4513	.148	5.906	
	5.542		.147			3.091		.146		
	5.395		.294			2.945		.294		
	16.626	5.5420		6.192		9.275	3.0917		6.200	
22	7.992		.145			4.802		.150		
	7.847		.147			4.652		.146		
	7.700		.292			4.506		.296		
	23.539	7.8463		6.484		13.960	4.6533		6.496	
23	6.764		.145			4.305		.147		
	6.619		.148			4.158		.148		
	6.471		.293			4.010		.295		
	19.854	6.6180		6.777		12.473	4.1577		6.791	
24	6.843		.149			3.941		.145		
	6.694		.146			3.796		.145		
	6.548		.295			3.651		.290		
	20.085	6.6950		7.072		11.388	3.7960		7.081	
25.	7.049		.148			3.838		.148		
	6.901		.148			3.690		.146		
	6.753		.296			3.544		.294		
	20.703	6.9010		7.368		11.072	3.6907		7.375	
		~~[illegible]~~					100.84~~11~~ 07			

F.B. 2878 P.G. 99

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:50 – 11:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-15 To BM 202-16
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
		7986					01			
26	7.241	184.6887	.145	7.368		2.482	100.8447	.144	7.375	
	7.096		.145			2.338		.146		
	6.951		.290			2.192		.290		
	21.288	7.0960		7.158		7.012	2.3373		7.665	
27	7.330		.142			3.171		.143		Summation of Run From B.M. 202-15 To B.M. 202-16
	7.188		.140			3.028		.146		
	7.048		.282			2.882		.289		
	21.566	7.1887		7.940		9.081	3.0270		7.954	
28	6.822		.150		#19	4.549		.155		BM 202-16 (USCGGS H-53) 228.0 ft. ± S.W. of ℄ Int. of Soledad Cyn. Rd. ℄ Old Soledad Cyn. Rd. See F.B. 2878 – 74
	6.672		.150			4.394		.154		
	6.522		.300			4.240		.309		
	17.016	5.6720		8.240	88°	13.183	4.3943		8.263	
										Total Backsights = + 184.6755 3 Total Foresights = – 110.5993 3 Diff. Elev. = + 74.0762
										Backsight stadia = 8.240 Foresight Stadia = 8.263 Total Stadia = 16.503 1.04 mi.
		184.7553					110.5993			

F.B. 2878 P.G. 100

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 Clear Inst. No. 15066
Notes by ESQUER Time 10:10-11:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-16 To. BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4293		154		#19	5570		152		BM 202-16 (USCGS H-53)
	4139		156			5418		150		228 ft ± S.W. of ℄ Int. of Soledad
	3983		310			5268		302		Cyn. Rd. & Old Soledad Cyn. Rd.
	12415	41383		310	90°	16256	54187		302	See F.B. 2878-74
2	2832		142			6995		145		
	2690		141			6850		143		T. Maldonado
	2549		283			6707		288		
	8071	26903		593		20552	68507		590	
3	2382		144			7139		146		
	2238		146			6993		143		
	2092		290			6850		289		
	6712	22373		883		20982	69940		879	
4	3652		144			6868		148		(10 min. delay for Train)
	3508		148			6720		149		
	3360		292			6571		297		
	10520	35067		1175		20159	67197		1176	
5	3793		145			6692		145		
	3648		146			6547		148		
	3502		291			6399		293		
	10943	36477		1466		19638	65460		1469	
		16.2203					32.5291			

F.B. 2878 P.G. 41

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:10 - 11:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-16 To BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4032	16.2203	145	1466		6492	32.5291	145	1469	
	3887		148			6547		147		
	3739		293			6280		292		
	11658	38860		1759		19039	63463		1761	
7	4551		148			7743		145		
	4403		145			7598		148		
	4258		293			7450		293		
	13212	44040		2052		22791	75970		2054	
8	3047		149			5498		148		
	2898		148			5350		149		
	2750		297			5201		297		
	8695	28983		2349		16049	53497		2351	
9	4953		146			5963		145		
	4807		148			5818		148		
	4659		294			5670		293		
	14419	48063		2643		17451	58170		2644	
10	2320		148			7472		144		
	2172		149			7328		148		
	2023		297			7180		292		
	6515	21717		2940		21980	73261		2936	
		34.7866					64.9652			

F.B. 2898 P.G. 102

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 E. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:10 - 11:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 242-16 To BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3223	34.3866	146	2940		8477	69.9658	146	2936	
	3077		150			8331		147		
	2927		296			8184		283		
	9227	30757		3236		24992	83307		3219	
12	5109		147			6197		147		
	4962		143			6050		147		
	4819		290			5903		294		
	14890	49633		3526		18150	60500		3513	
13	3860		145			7368		147		
	3715		145			7221		144		
	3570		290			7077		291		
	11145	37150		3816		21666	72228		3804	
14	3822		148			6062		144		
	3674		145			5918		147		
	3529		293			5771		291		
	11025	36750		4109		17751	59170		4095	
15	3711		145			6204		145		
	3566		147			6059		148		
	3419		292			5911		293		
	10696	35653		4401		18174	60580		4388	
		53.3809					98.5435			

F.B. 1678 P.G. 103

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 Clear Inst. No. 15066
Notes by ESQUER Time 10:10 - 11:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 030.102
From BM 202-16 To BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4079	53.3809	148	4401		6540	98.5433	147	4388	
	3931		144			6393		144		
	3787		292			6249		291		
	11797	39323		4693		19182	63940		4679	
17	3679		148			6608		148		
	3531		145			6460		147		
	3386		293			6313		295		
	10596	35320		4986		19381	64603		4974	
18	4113		145			6638		147		
	3968		148			6491		145		
	3820		293			6346		292		
	11901	39670		5279		19475	64917		5266	
19	3461		142			5529		149		
	3319		146			5380		146		
	3173		288			5234		295		
	9953	33177		5567		16143	53810		5561	
20	6280		149			6623		150		
	6131		151			6473		149		
	5980		300			6324		299		
	18391	61303		5867		19420	64733		5860	
		84.2602					129.7433			

F.B. 2818 P.G. 104

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:10 - 11:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-16 To BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
21	2768	74.2602	148	5867		6159	129.7442	148	5860	
	2620		145			6011		148		
	2475		293			5863		296		
	7863	26210		6160		18033	60110		6156	
22	3642		148			6050		150		
	3494		146			5900		149		
	3348		294			5751		299		
	10484	34947		6454		17701	59003		6455	
23	3359		149			5770		148		
	3210		148			5622		145		
	3062		297			5477		293		
	9631	32103		6751		16869	56230		6748	
24	3649		149			5882		145		
	3500		148			5737		149		
	3352		297			5588		294		
	10501	35003		7048		17207	57357		7042	
25	3202		145			7287		148		
	3057		148			7139		148		
	2909		293			6991		296		
	9168	30560		7341		21417	71390		7338	
		~~90.2425~~					160.1534			

F.B. 2878 P.G. 105

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 Clear Inst. No. 15066
Notes by ESQUER Time 10:10 - 11:10 Rod No. 19420

Name
Job No. 0301.02
From BM 202-16 To BM 202-15
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
26	2258	90.~~24~~25	149	7341		6797	160.1534	147	7338	
	2109		147			6650		149		
	1962		296			6501		296		
	6329	21097		7637		19948	66493		7634	
27	3877		148			5091		144		Summation of Run
	3729		149			4947		148		From B.M. 202-16
	3580		297			4799		292		To B.M. 202-15
	11186	37287		7934		14837	49457		7926	
28	8114		156			6519		170		BM 202-15 (USC&GS A-487)
	7958		158			6349		169		1.1 mi. So. of Int. of Soledad
	7800		314			6180		339		Cyn. Rd. & Old Soledad Cyn. Rd.
	23872	79573		8248	94°	19048	63493		8265	See F.B. 2878-73

Total Backsights = + 10~~4~~3.9.0382
Total Foresights = − 178.0973.02
Diff. Elev. = − 74.~~0399~~ 1590

Backsight stadia = 8.248
Foresight Stadia = 8265
Total Stadia = 16.513
1.04 mi

F.B. 2878 P.G. 106

10~~4~~3.9.0382
103.9383

178.0973.02

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 E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:05 - 1:10 Rod No. 17 & 20

Name L.A. Co. Precise Level Net
Job No. 0501.02
From BM 202-16 To BM 202-17
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4.108		.090		#19	4.951		.091		BM 202-16 (USC&GS H-53)
	4.018		.090			4.860		.088		228'± S.W'ly. of ℄ Int. of Soledad
	3.928		.180			4.772		.179		Canyon Rd. & Old Soledad Canyon Rd.
	12.054	4.0180		.180	94°	14.583	4.8610		.179	See F.B. 2878 - 74
2	7.252		.169			5.553		.175		BM 202-17 (LA.C. Rd Dept. Bm. 1
	7.083		.171			5.378		.176		N.E. Cor. of Soledad Canyon Rd.
	6.912		.340			5.202		.351		& 4th St. in Acton
	21.247	7.0823		.520		16.133	5.3777		.530	See F.B. 2878 - 75
										T Maldonado
										Summation of Run From B.M. 202-16 To B.M. 202-17
										Total Backsights = + 11.1003 Total Foresights = − 10.2384 Diff. Elev. = + 0.8619
										F.B. 2878 P.G. 107 Backsight Stadia = 0.520 Foresight Stadia = 0.530 Total Stadia = 1.050 0.07 mi.
		11.1003					10.2384			

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 clear Inst. No. 15066
Notes by ESQUER Time 10:00 - 10:05 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-17 To BM 202-16
Date 7-31-62
Indexed C. J. GALM

Number of Station	BACKSIGHT Thread 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	5293		191		#10	6970		160		BM 202-17 (LA Rd Dp. Bm. 1)
	5102		192			6810		163		N.E. Cor. of Soledad Cyn. Rd.
	9910		383			6647		323		& 4th St. in Acton.
	15305	51017		383	88°	20427	68090		323	See F.B. 2878 - 75
2	4702		077			3880		100		BM 202-16 (USC&GS, H-53)
	4625		077			3780		100		228 ± SW of ℄ Ins of S. Soledad Cnyn Rd
	9548		154	537		3680		200		
	13875	46250			90°	11340	37800		523	See FB 2878 - 74
										T Brooks
										Summation of Run
										From B.M. 202-17
										To B.M. 202-16
										Total Backsights = + 9.7267 ✓
										Total Foresights = - 10.5890 ✓
										Diff. Elev. = - 0.8623 ✓
										Backsight stadia = .537
										Foresight Stadia = .523
										Total Stadia = 1.057 ✓
		9.7267 ✓					10.5890 ✓			= .07 mi. ✓

2878 PG. 108

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:10 - 1:20 Rod No. 19220

Name L.A. Co. Precise Level Net
Job No. 4301.02
From BM 202-17 To BM 202-18
Date 30 July 1962
Indexed C. J. CALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
1	1.807		.072		#19	5.614		.068	
	1.735		.072			5.544		.067	
	1.663		.144			5.477		.135	
	5.205	1.7350		.144	94°	16.633	5.5443		.135
2	5.251		.143			4.599		.143	
	6.108		.146			4.456		.145	
	4.962		.289			4.311		.288	
	15.321	5.1070		.433		13.366	4.4553		.423
3	5.627		.148			5.085		.145	
	5.479		.146			4.940		.145	
	5.334		.297			4.795		.290	
	16.440	5.4800		.726		14.820	4.9400		.713
4	5.540		.151			3.121		.149	
	5.389		.152		#19	2.972		.145	
	5.239		.303			2.827		.294	
	16.166	5.3887		1.029	94°	8.920	2.9733		1.007
		17.9107					17.9129		

DESCRIPTION AND REMARKS

BM 202-17 (LARD. B.M. #1)
N.E. Cor. of Soledad Canyon Rd. & 4th St. in Acton
See F.B. 2878 - 75

↑ Maloma dr.

Summation of Run
From B.M. 202-17
To B.M. 202-18

Total Backsights = + 17.9107
Total Foresights = — 17.9129
Diff. Elev. = - 0.2022

BM 202-18 (LARD. Bm. #2)
4th St. (Crown Valley Rd.)
& Smith Ave
See F.B. 2878 - 76

F.B. 2878 P.G. 109

Backsight stadia = 1.029
Foresight Stadia = 1.007
Total Stadia = 2.036
= .13 mi

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 clear Inst. No. 15066
Notes by ESQUER Time 9:55 - 10:00 Rod No. 19320

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-18 To BM 202-17
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	2850		150		#19	5268		156		BM 202-18 (LACRD BM #2)
	2700		150			5112		152		4th St. (Crown Valley Rd)
	2550		300			4960		308		& Smith Ave
	8100	27000		300	88°	15340	51133		308	See F.B. 2878-76
2	4875		145			5413		145		T. Brooks
	9730		148			5268		146		
	4582		293			5122		291		Summation of Run
	14187	47290		593		15803	52677		599	From B.M. 202-18
3	4881		143			5532		144		To B.M. 202-17
	4738		146			5388		146		Total Backsights = + 17.6153
	4592		289			5242		290		Total Foresights = − 17.4083
	14211	47370		882		16162	53873		889	Diff. Elev. = + 0.2070
4	5518		068			1711		071		BM 202-17 (LACRD BM #1)
	5450		070			1640		071		N.E. Co. of Soledad Canyon
	5380		138			1569		141		Rd. & 4th St. in Acton
	16348	54493		1020	88°	4920	16400		1030	See F.B. 2878-75
										Backsight stadia = 1.020
										Foresight Stadia = 1.030
										Total Stadia = 2.050
										= .13 mi.
		17.6153					17.4083			

F.B. 2878 PG. 110

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 E. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:20 - 1:30 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 03 67.02
From B.M. 202-18 To B.M. 202-19
Date 7-30-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.667		.157		#19	5.618		.151		BM 202-18 (LACRD BM #2
	3.510		.153			4.867		.150		4th St. (Crown Valley Rd.)
1	3.357		.310			4.717		.301		& Smith Ave.
	10.534	3.5113		.310	94°	14.602	4.8673		.301	See F.B. 2078 — 76
	5.598		.146			4.382		.143		
	5.452		.143			4.239		.147		T Maldonado
2	5.309		.289			4.092		.290		Summation of Run
	16.359	5.4530		.599		12.713	4.2378		.591	From B.M. 202-18
	5.530		.148			4.132		.145		To B.M. 202-19
	5.382		.144			3.987		.146		
3	5.238		.292			3.841		.291		Total Backsights = + 20.1156
	16.150	5.3833		.891		11.960	3.9867		.882	Total Foresights = — 16.7002
										Diff. Elev. = + 3.4154
	5.907		.139			3.758		.140		BM 202-19 (LACRD BM #3
	5.768		.139			3.618		.141		4th St. (Crown Valley Rd.)
4	5.629		.278			3.477		.281		near Gillespie Ave.
	17.304	5.7680		1.169	94°	10.853	3.6179		.1163	See F.B. 2078 — 77
										Backsight stadia = 1.169
										Foresight Stadia = 1.163
										Total Stadia = 2.332
										0.15 mi.
		20.1156					16.7002			

F.B. 2078 P.G. 111

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 clear Inst. No. 15066
Notes by ESQUER Time 9:45-9:55 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0201.02
From BM 202-19 To BM 202-18
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3685		137		#19	5834		140		BM 202-19 (LACRD BM # 3)
	3548		139			5694		138		4th St. (Crown Valley Rd.)
1	3409		276			5556		278		near Gillespie Ave.
	10642	35473		276	81°	17084	56947		278	See F.B. 2878-77
	4182		144			5579		149		
	4038		148			5430		147		T Brooks
2	3890		292			5283		296		Summation of Run
	12110	40367		568		16292	54307		574	From B.M. 202-19
	4248		147			5463		143		To B.M. 202-18
	4101		144			5320		145		Total Backsights = + 16.3083
3	3957		291			5175		298		Total Foresights = − 19.7090
	12306	41020		859		15958	53193		872	Diff. Elev. = − 3.4007
	4781		159			3412		149		BM 202-18 (LACRD BM # 2)
	4623		161			3263		145		4th St. (Crown Valley Rd.)
	4462		320			3118		294		& Smith Ave.
4	13867	46223		1179	88°	9793	32643		1166	See F.B. 2878-76
										Backsight stadia = 1.179
										Foresight Stadia = 1.166
										Total Stadia = 2.345
										.15 mi.
		16.3083					19.7090			

F.B. 2878 pg. 112

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 Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:30 - 1:50 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-19 To BM 202-20
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS (ACRD # Bm #3)
1	3.473		.038		#19	3.759		.041		BM 202-19, 4th ST.
	3.435		.038			3.718		.041		(Crown Valley Rd) Near
	3.397		.076			3.677		.082		Gillespie Ave
	10.305	3.4350		.076	94°	11.154	3.7180		.082	See FB 2878-77
2	6.190		.145			3.793		.146		
	6.045		.145			3.647		.144		⊼ Esquer
	5.900		.290			3.503		.290		
	18.135	6.0450		.366		10.943	3.6477		.372	
3	5.963		.145			4.050		.145		
	5.818		.147			3.905		.145		
	5.671		.292			3.760		.290		
	17.452	5.8173		.658		11.715	3.9050		.662	
4	6.144		.144			4.056		.147		
	6.000		.147			3.909		.146		
	5.853		.291			3.763		.293		
	17.997	5.9990		.949		11.728	3.9093		.955	
5	6.214		.146			3.586		.148		
	6.068		.145			3.438		.150		
	5.923		.291			3.288		.298		
	18.205	6.0683		1.240		10.312	3.4373		1.253	
		27.3646					18.6123			

F.B. 2878 P.G. 113

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 Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:30 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-19 To BM 202-20
Date 30 July 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.323	27.3646	.148	1.240		2.929	18.6173	.145	1.253	
	6.175		.147			2.784		.144		
	6.028		.295			2.640		.289		
	18.526	6.1753		1.535		8.353	2.7843		1.542	(LARCRD Bm #4)
7	6.251		.083			3.734		.087		BM 202-20, 4th St.
	6.168		.083			3.647		.087		(Crown Valley Rd) @ the
	6.085		.166		To	3.560		.174		Soledad Agua Dulce Union
	18.504	6.1680		1.701	94°	10.941	3.6470		1.716	School, FB 2878-78

Summation of Run
From B.M. 202-19
To B.M. 202-20

Total Backsights = + 39.7079
Total Foresights = − 25.0486
Diff. Elev. = + 14.6593

Backsight stadia = 1.701
Foresight Stadia 1.716
Total Stadia 3.417
.22 mi

F.B. 2878 P.G. 114

39.7079 25.0487

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 clear Inst. No. 15066
Notes by ESQUER Time 9:30 - 9:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM202-20 To BM202-19
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										(LACED BM #4
1	3505		085		#19	6027		084		BM 202-20, 4.7" Crown
	3420		085			5943		081		Valley Rd) @ the Soledad
	3335		170			5862		165		Agua Dulce Union School
	10260	34200		170	86°	17832	59440		165	FB 2878-78
2	2579		147			5970		148		T Brooks
	2432		144			5822		144		
	2288		291			5678		292		
	7299	24330		461		17470	58233		457	
3	3271		149			5900		147		
	3122		149			5753		147		
	2973		298	59		5606		294		
	9366	31220		760		17259	57530		751	
4	4563		146			6657		152		
	4417		147			6505		151		
	4270		293	2		6354		303	4	
	13250	44167		1053		19516	65053		105X	
5	4440		145			6355		147		
	4295		147			6208		147		
	4148		292	4		6061		294	8	
	12883	42943		1345		18624	62080		134X	
		17.6860					30.2334			

F.B. 1878 P.G. 115

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 clear Inst. No. 15066
Notes by ESQUER Time 9:30 - 9:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-20 To BM 202-19
Date 7-31-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3498	17.6660	147	1345		5878	30.2336	148	1345	
	3331		144			5730		149		
	3189					5581				
	9996	33320	291	1638		17189	57297	297	1647	
7	3990		042			3705		039		BM 202-19, 4th (Crown Valley Rd) Near Gillespie Ave (LACRD Brg #3 See F.B. 2878-77
	3948		042			3666		038		
	3906		1084	19 1720	86°	3628		077	22 1719	
	11844	39480				10999	36663			

Summation of Run
From B.M. 202-20
To B.M. 202-19

Total Backsights = + 24.9660
Total Foresights = − 39.6296
Diff. Elev. = − 14.6636

Backsight stadia = 1.719
Foresight Stadia = 1.719
Total Stadia = 3.439
= .22 mi.

F.B. 2878, P.G. 116

24.9660 39.6296

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 Clear Inst. No. 15266
Notes by F. E. Brooks Time 10:40 - 11:25 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-20 To BM 202-21
Date 1 Aug. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.977		.110		#19	2.400		.116		BM 202-20 L & T in N.W. Corner of
	6.867		.109			2.284		.115		conc. walk to Soledad-Agua Dulce Union
1	6.758	✓	.219			2.169	✓	.231		School on 4th St. at Acton (LACRD BM)
	20.602	6.8673		.218	94°	6.853	2.2843		.229	See F.B. 2878 - 78
	7.210		.119			2.031		.120		
	7.091		.120			1.911		.120		T Maldonado
2	6.971	✓	.239			1.791		.240		
	21.272	7.0907		.457		5.733	1.9110		.469	
	7.331		.119			2.451		.120		
	7.212		.117			2.331		.120		
3	7.095	✓	.236			2.211	✓	.240		
	21.638	7.2127		.693		6.993	2.3310		.709	
	8.052		.119			2.168		.118		
	7.938		.116			2.050		.122		
4	7.817	✓	.235			1.928	✓	.240		
	23.802	7.9340		.928		6.146	2.0487		.949	
	7.703		.145			3.461		.148		
	7.558		.148			3.313		.144		
5	7.410	✓	.293	✓		3.169	✓	.292	✓	
	22.671	7.5570		1.221		9.943	3.3143		1.241	
		36.6617	✓				11.8573	✓		

F.B. 2879 P.G. 117

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 11:25 Rod No. 19 & 20

Name E.A. Co. Precise Level Net
Job No. 0301.02
From BM202-20 To BM202-21
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.359	36.6617	.147	1.221		1.732	11.8893	.144	1.241	
	6.212		.148			1.588		.147		
	6.064		.295			1.441		.291		
	18.635	6.2117		1.516		4.761	1.5870		1.532	
7	5.900		.143			2.917		.147		
	5.757		.147			2.770		.149		
	5.610		.290			2.621		.296		
	17.267	5.7557		1.806		8.308	2.7693		1.828	
8	7.702		.145			4.013		.144		
	7.557		.147			3.869		.146		
	7.410		.292			3.723		.290		
	22.669	7.5563		2.098		11.605	3.8683		2.118	
9	5.963		.144			3.837		.146		
	5.819		.147			3.691		.147		
	5.672		.291			3.544		.293		
	17.454	5.8180		2.389		11.072	3.6907		2.411	
10	6.829		.144			2.441		.144		
	6.680		.147			2.297		.147		
	6.533		.296			2.150		.291		
	20.042	6.6807		2.685		6.888	2.2960		2.702	
		68.6844					[illegible]			

FR 2878 P.G. 118

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 E. E. Brooks Weather Clear Inst. No. 15966
Notes by F. E. Brooks Time 10:40 - 11:25 Rod No. 19420

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-20 To BM 202-21
Date 1 Aug 1962
Indexed C. J. GALLI

Number of 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	7.747	68.68#1	.148	2.685		3.394	26.1006	.146	2.702
	7.599		.148			3.248		.148	
	7.451		.296			3.100		.294	
	22.797	7.5990		2.981		9.742	3.2473		2.996
12	8.008		.147			2.011		.148	
	7.861		.143			1.863		.146	
	7.718		.290			1.717		.294	
	23.587	7.8623		3271		5.591	1.8637		3.290
13	7.651		.088			1.442		.090	
	7.563		.085			1.352		.087	
	7.478		.173			1.265		.177	
	22.692	7.5640		3.444		4.059	1.3530		3.467
14	8.950		.089			1.387		.088	
	8.861		.087			1.299		.089	
	8.774		.176			1.210		.177	
	26.585	8.8617		3.620		3.896	1.2987		3.144
15	7.532		.065		#19	1.927		.067	
	7.467		.066			1.860		.063	
	7.401		.131			1.797		.130	
	22.400	7.4667		3.757	96°	5.584	1.8613		3.794
		108.0378					35.2246		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 202-20
To B.M. 202-21

Total Backsights = + 108.0378
Total Foresights = - 35.7246
Diff. Elev. = + 72.3132

Backsight stadia = 3.751
Foresight Stadia = 3.774
Total Stadia = 7.525
0.48 mi.

F.B. 2878 PG 79

BM 202-21 (LACFCD 1962)
1.0 mi. S. of Sierra Hwy &
35Ft ± W. of E Chanel Line
FB 2878 - 79

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 P. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:45 to 11:20 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. e301.07
From BM 202-21 To BM 202-20
Date 8-2-62
Indexed C. J. GAIN

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.860		065		19	7.469		067		BM 202-21, 1.0 Mi So. Sierra Hwy. & 35° ± West of Brown Valley Rd. (LACRD Bm #5) FB 2878 - 79
	1.795		067			7.402		065		
	1.728		132			7.337		132		
	5.383	1.7943		132	86°	22.208	7.4027		132	
2	1.462		089			9.025		086		
	1.373		088			8.939		088		
	1.285		177			8.851		174		
	4.120	1.3733		309		26.815	8.9383		306	
3	1.420		090			7.630		089		
	1.330		087			7.541		089		
	1.243		177			7.452		178		
	3.993	1.3310		486		22.623	7.5410		484	
4	1.902		148			7.899		147		
	1.754		148			7.752		144		
	1.606		296			7.608		291		
	5.262	1.7540		782		23.259	7.7530		775	
5	3.525		147			7.877		147		
	3.378		148			7.730		148		
	3.230		295			7.582		295		
	10.133	3.3778		1077		23.189	7.7297		1070	
		9.6303								

E.B. 2878 P.G. 120

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:45 to 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 030102
From BM202-21 To BM202-20
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.585	9.630	145	1.077		6.970	39.3644	147	1.070	
	2.440		148			6.823		145		
	2.292		293			6.678		292		
	7.317	24390		1.370		20.471	6.8237		1.362	
7	3.840		147			5.967		146		
	3.693		145			5.821		143		
	3.548		292			5.678		289		
	11.081	36937		1.662		17.466	5.8220		1.651	
8	4.127		146			7.818		148		
	3.981		143			7.670		148		
	3.838		289			7.522		296		
	11.946	39820		1.951		23.010	7.6700		1.947	
9	3.005		145			5.991		147		
	2.860		148			5.844		145		
	2.712		293			5.699		292		
	8.577	2.8590		2.244		17.534	5.8447		2.239	
10	1.894		145			6.520		148		
	1.749		147			6.372		144		
	1.602		292			6.228		292		
	5.255	1.7517		2.536		19.120	6.3733		2.531	
		24.3355					71.8961			

F.B. 2878 P.G. 121

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 clear Inst. No. 15066
Notes by J.M. Maldonado Time 10:45 to 11:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 630102
From BM 202-21 To BM 202-20
Date 8-2-62
Indexed C. J. GALL

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.505	24.3553	145	2.536		7.250	71.8954	149	2.531	
11	3.360		147			7.601		148		
	3.213		292			7.453		297		
	10.078	3.3593		2.828		22.804	7.6013		2.828	
	3.147		123			9.030		120		Summation of Run
12	3.024		122			8.910		120		From B.M. 202-21
	2.902		245			8.790		240		To B.M. 202-20
	9.073	3.0243		3.073		26.730	8.9100		3.068	
	2.358		119			7.255		119		
13	2.239		119			7.136		117		Total Backsights = + 37.075
	2.120		238			7.019		236		Total Foresights = − 109.387
	6.717	2.2390		3.311		21.410	7.1367		3.304	Diff. Elev. = − 72.312
	2.188		120			7.344		118		
14	2.068		119			7.226		118		Backsight stadia = 3.783
	1.949		239			7.108		236		Foresight Stadia = 3.752
	6.205	2.0683		3.550		21.678	7.2260		3.540	Total Stadia = 7.535
										= .48 mi
	2.145		116			6.718		108		BM 202-20 Left in NW cor
15	2.029		117			6.610		104		of Concrete Walk To Sola tube
	1.912		233			6.506		212		Agua Dulce Union School
	6.086	2.0287		3.783	88°	19.834	6.6113		3.752	on 4th St @ Acton (LACRD BM #4)
	39.075					109.387				FB 2878 – 78

FB 2878 PG 122

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:30 - 12:00 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-21 To BM 202-22
Date 1/19 1962
Indexed E. L. Galli

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.241		.152		#19	3.850		.159		BM 202-21 (LACRD Bm #5)
	7.189		.155			3.691		.159		1.0 mi. S. of Sierra Hwy & 35.4 ±
	7.034		.307			3.532		.318		W. of E. of Crown Valley Rd
	21.564	7.1880		.307	96°	11.073	3.6910		.318	See F.B. 2878-79
2	7.059		.147			3.151		.147		
	6.912		.145			3.004		.143		T Cook
	6.767		.292			2.861		.290		
	20.738	6.9127		.599		9.016	3.0053		.608	
3	7.019		.117			3.036		.117		
	6.902		.114			2.919		.118		
	6.788		.231			2.801		.235		
	20.709	6.9030		.830		8.756	2.9189		.843	
4	7.595		.116			2.483		.114		
	7.479		.119			2.369		.114		
	7.360		.235			2.255		.228		
	22.434	7.4780		1.065		7.107	2.3690		1.071	
5	7.543		.114			2.022		.131		
	7.429		.116			1.891		.131		
	7.313		.2330			1.760		.262		
	22.285	7.4283		1.298		5.673	1.8910		1.333	
		35.9100					13.8750			

F.B. 2878 P.G. 133

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 Clear — Inst. No. 15066
Notes by F. E. Brooks — Time 1130 - 1200 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-21 To BM 202-22
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.783	35.9100	.124	1.294		2.365	13.8750	.104	1.333	
	7.659		.127			2.261		.103		
	7.532		.251			2.158		.207		
	22.974	7.6580		1.548		6.784	2.2613		1.540	
7	7.852		.118			1.991		.113		
	7.734		.115			1.878		.114		
	7.619		.233			1.764		.227		
	23.205	7.7350		1.781		5.633	1.8777		1.767	
8	7.599		.117			2.040		.115		
	7.482		.116			1.925		.115		
	7.366		.233			1.810		.230		
	22.447	7.4823		2.014		5.775	1.9250		1.997	
9	8.526		.116			1.618		.118		
	8.410		.117			1.500		.119		
	8.293		.233			1.381		.237		
	25.229	8.4097		2.244		4.499	1.4997		2.234	
10	8.059		.117			2.919		.117		
	7.942		.114			2.802		.115		
	7.828		.231			2.687		.232		
	23.829	7.9430		2.478		8.408	2.8027		2.466	
		75.1380					24.2414			

F.B. 1878 P.G. 124

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:30 - 12:00 Rod No. 19-20

L.A. Co. Precise Level No.
Name
Job No. 0301.02
From BM 202-21 To BM 202-22
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.562	75.1380	.116	2.478		1.954	24.2414	.115	2.466	
	7.446		.118			1.839		.117		Summation of Run
	7.328		.234	0		1.722		.232		From B.M. 202-21
	22.336	7.4463		2.712		5.515	1.8383		2.698	To B.M. 202-22
12	8.440		.117			2.238		.118		
	8.323		.114			2.120		.118		Total Backsights = + 113.7763
	8.209		.231	1		2.002		.236		Total Foresights = − 36.1400
	24.972	8.3240		2.941		6.360	2.1200		2.934	Diff. Elev. = + 77.6363
13	7.475		.115			1.786		.116		
	7.310		.115			1.670		.115		Backsight stadia = 3.624
	7.245		.230	1		1.555		.231		Foresight Stadia = 3.621
	22.080	7.3600		3.171		5.011	1.6703		3.165	Total Stadia = 7.245
										= 0.46 Mi.
14	7.802		.114			1.780		.119		
	7.688		.118			1.661		.119		
	7.570		.232	3		1.544		.236		
	23.060	7.6867		3.403		4.985	1.6617		3.401	CLARD BM #6
15	7.932		.110		#19	4.720		.111		BM 202-22, 0.4 Mi So.
	7.822		.109			4.609		.113		Sierra Hwy. & 42° ± W.
	7.713		.219	2		4.496		.224		at Crown Valley Rd
	23.467	7.8223		3.624	96°	13.825	4.6083		3.625	FB 2878 - 80
		113.7763					36.1400			

F.B. 2878 P.G. 125

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 E. E. Brooks Weather Clear Inst. No 15066
Notes by T. M. Malcolmson Time 10:05 to Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 630.1.02
From BM 202-22 To BM 202-21
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4.796		114		B 19	8.006		108		BM 202-22, 0.4 Mi So. Sierra Hwy & 42° - W. of Crown Valley Rd (LACRD BM #6) F 32878-80
	4.682		112			7.898		109		
	4.570		226			7.789		217		
	14.048	4.6827		.226	80°	23.693	7.8977		.217	
2	1.761		120			7.780		116		T COOK
	1.641		120			7.664		114		
	1.521		240			7.550		230		
	4.923	1.6410		.466		22.994	7.6647		.447	
3	1.879		115			7.569		116		
	1.764		114			7.453		114		
	1.650		229			7.339		230		
	5.293	1.7643		.695		22.361	7.4537		.677	
4	2.203		114			8.409		118		
	2.089		114			8.291		119		
	1.975		228			8.172		237		
	6.267	2.0890		.923		24.872	8.2907		.914	
5	1.808		119			7.413		114		
	1.689		118			7.299		117		
	1.571		237			7.182		231		
	5.068	1.6893		1.160		21.894	7.2980		1.145	
		11.8663					38.6048			

F.B. 1878 P.G. 126

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:05 to Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-22 To BM 202-21
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.782	11.8667	119	1160		7.920	38.6048	117	1145	
	2.663		115			7.803		114		
6	2.548		234			7.689		231		
	7.993	2.6643		1.394		23.412	7.8040		1.376	
	1.561		118			8.471		115		
	1.443		116			8.356		117		
7	1.327		234			8.239		232		
	4.331	1.4433		1.628		25.066	8.3553		1.608	
	2.115		110			7.680		120		
	2.005		113			7.560		120		
8	1.892		223			7.440		240		
	6.012	2.0040		1.851		22.680	7.5600		1.848	
	1.854		114			7.715		116		
	1.740		113			7.599		118		
9	1.627		227			7.481		234		
	5.221	1.7403		2.078		22.795	7.5983		2.082	
	2.108		116			7.504		115		
	1.992		113			7.389		115		
10	1.879		229			7.274		230		
	5.979	1.9930		2.307		22.167	7.3890		2.312	
		21.7112					22.3114			

F.B. 2878 P.G. 127

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:05 to 10:45 Rod No 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-22 To BM 202-21
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.069	21.7117	131	2.307		7.589	77.3114	114	2.312	
	1.938		134			7.475		115		
	1.804		265			7.360		229		
	5.811	1.9370		2.572		22.424	7.4747		2.541	
12	2.632		109			7.752		121		Summation of Run
	2.523		111			7.631		121		From B.M. 202-22
	2.412		220			7.510		242		To B.M. 202-21
	7.567	2.5223		2.792		22.893	7.6310		2.783	
13	3.034		115			7.020		117		Total Backsights = + 35.5563
	2.919		118			6.903		115		Total Foresights = − 113.1921
	2.801		233			6.788		232		Diff. Elev. = − 77.6358
	8.754	2.9180		3.025		20.711	6.9037		3.015	
14	2.888		148			6.791		146		Backsight stadia = 3.631
	2.740		147			6.645		146		Foresight Stadia = 3.617
	2.593		295			6.499		292		Total Stadia = 7.248
	8.221	2.7403		3.320		19.935	6.6450		3.307	= .46 mi.
15	3.882		154			7.381		154		BM 202-21 1° Mi So. Sierra
	3.728		157			7.227		156		Hwy ℄ 35° ± West ℄ of Gown
	3.571		311			7.071		310		Valley Rd. (LACRD BM #5)
	11.181	3.7270		3.631	82	21.679	7.2263		3.617	FB 2878-79
		35.5563					113.1921			

F.B. 2878 P.G. 128

✓ [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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 1100 - 1:25 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.07
From BM 202-22 To BM 202-23
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.999		.061		#19	3.422		.065		BM 202-22 (LACRD. Bm # 6)
	7.938		.060			3.357		.065		0.4 mi So. of Sierra Hwy. & 42.5 ft ±
1	7.878		.121			3.292		.130		W. of E of Crown Valley
	23.815	7.9383		.121	94°	19.071	3.3570		.130	See F.B. 2878 - 80
	6.997		.104			1.839		.104		
	6.893		.102			1.735		.103		T Maldonado
2	6.791		.206			1.632		.207		
	20.681	6.8937		.327		5.206	1.7353		.337	
	7.583		.114			1.973		.115		
	7.469		.118			1.858		.116		
3	7.351		.232			1.742	577	.231		
	22.403	7.4677		.559		5.573	1.8~~910~~		.568	
	8.860		.148			0.888		.146		
	8.712		.144			0.742		.144		
4	8.568		.292			0.598		.290		
	26.140	8.7133		.851		2.228	0.7427		.858	
	8.939		.146			1.539		.146		
	8.793		.145			1.393		.145		
5	8.648		.291			1.248		.291		
	26.380	8.7933		1.142		4.180	1.3933		1.149	
		39.8063					2.119			

F.B. 2878 P.G. 179

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:00 - 1:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-22 To BM 202-23
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.798	39.8063	.147	1.142		0.653	~~9.1193~~ 9.0860	.145	1.149	
	8.651		.144			0.508		.148		
	8.507		.291			0.360		.293		
	25.956	8.6520		1.433		1.521	0.5070		1.442	
7	9.110		.148			1.359		.148		Summation of Run
	8.962		.149			1.211		.148		From B.M. 202-22
	8.813		.297			1.063		.296		To B.M. 202-23
	26.885	8.9617		1.730		3.633	1.2110		1.738	
8	7.523		.115			2.038		.119		Total Backsights = + 81.6500
	7.408		.118			1.919		.116		Total Foresights = − 17.~~0710~~
	7.290		.233			1.803		.235		Diff. Elev. = ~~+64.5780~~
	22.221	7.4070		1.963		5.760	1.9200		1.973	+64.5790 *
9	9.369		.146			1.747		.148		Backsight stadia = 2,474
	9.223		.144			1.599		.148		Foresight Stadia = 2,491
	9.079		.290			1.451		.296		Total Stadia = 4,965
	27.671	9.2237		2.253		4.797	1.5990		2.269	0.3[illegible] mi.
10	7.710		.111		#19	2.859		.111		BM 202-23, 700± South
	7.599		.110			2.748		.111		at Sierra Hwy. & 275±
	7.489		.221			2.637		.222		W. of Crown Valley Rd
	22.798	7.5993		2.474	96°	8.244	2.7480		2.491	See FB 2878-81 (LACRD
		81.6500					~~[illegible]~~ 17.0710			BM# 7)

F.B. 2878 P.G. 130

*Re-run FB 2878-251, 252

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 Clear Inst. No. 15066
Notes by J. M. Maldonado Time 9:45 to 10:05 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-23 To BM 202-22
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.938		110		#19	7.789		110		BM 202-23 (LACRD BM #7)
	2.828		110			7.679		109		700 ft ± So. Sierra Hwy. &
	2.718		220			7.570		219		27.5 ± W. of Q Crown Valley Rd.
	8.484	2.8280		.220	82°	23038	7.6793		.219	See F.B. 2878-81
2	1.695		147			9.318		148		A Brooks
	1.548		147			9.170		146		
	1.401		294			9.024		294		
	4.644	1.5480		.514		27.512	9.1707		.513	
3	1.665		118			7.150		118		
	1.547		119			7.032		117		
	1.428		237			6.915		235		
	4.640	1.5467		.751		21097	7.0323		.748	
4	0.880		150			8.630		145		
	0.730		150			8.485		149		
	0.580		300			8.336		294		
	2.190	0.7300		1.051		25.451	8.4833		1.042	
5	0.628		148			8.770		148		
	0.480		150			8.622		144		
	0.330		298			8.478		292		
	1.438	0.4793		1.349		25.870	8.6233		1.334	
		7.1320					40.9897			

F.B. 2878 P.G. 131

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 E. La Breche Weather Clear Inst. No. 15066
Notes by J.M. Maldonado Time 9145 to Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-23 To BM 202-22
Date 8-2-62
Indexed C. J. GAUM

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.412	1.1320	144	1379		8.813	40.9889 93	146	1334	
	1.268		148			8.667		147		
6	1.120		292			8.520		293		
	3.800	1.2667		1.641		26.000	8.6667		1.627	
	0.893		145			8.863		145		Summation of Run
	0.748		147			8.718		147		From B.M. 202-23
7	0.601		292			8.571		292		To B.M. 202-22
	2.242	0.7473		1.933		26.152	8.7173		1.919	
	1.720		117			7.302		120		Total Backsights = + 15.7303
	1.603		113			7.182		117		Total Foresights = − 80.2768
8	1.490		230			7.065		237		Diff. Elev. = − 64.5465 *
	4.813	1.6043		2.163		21.549	7.1830		2.156	
	1.785		103			6.942		102		Backsight stadia = 2.497
	1.682		102			6.840		102		Foresight Stadia = 2.479
9	1.580		205			6.738		204		Total Stadia = 4.976
	5.047	1.6823		2.368		20.520	6.8400		2.360	= .31 mi.
	3.362		064			7.939		060		BM 202-22 (LACRD BM # 6)
	3.298		065			7.879		059		0.4 mi. So. of Sierra Hwy. & 29 ft ± W. of Crown Valley Rd.
10	3.233		129			7.820		119		See F.B. 2878 — 80
	9.893	3.2977		2.497	80°	23.638	7.8793		2.479	
		15.7303 ✓					80.2768 ✓			

FB. 2878 P.G. 132

* Re-run F.B. 2878 - 251, 252

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:25 - 1:40 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-23 To BM 201-73
Date 1 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.399		.051		#19	3.428		.053		BM 202-23 (LACRD BM# 7)
	6.348		.051			3.375		.054		700 ft. So. of Sierra Hwy & 27.5 ft. ±
	6.297		.102			3.321		.107		W. of E. of Crown Valley Rd.
	19.044	6.3480		.102	96°	10.124	3.3747		.107	See F.B. 2878-81
2	8.312		.111			1.498		.111		
	8.201		.110			1.387		.110		T. Maldonado
	8.091		.221			1.277		.221		Summation of Run
	24.604	8.2013		.323		4.162	1.3873		.328	From B.M. 202-23
3	9.401		.144			0.484		.146		To B.M. 201-73
	9.257		.147			0.338		.147		Total Backsights = + 38.5890
	9.110		.291			0.191		.293		Total Foresights = − 7.8183
	27.768	9.2560		.614		1.013	0.3377		.621	Diff. Elev. = + 30.7707
4	7.932		.115			1.678		.116		
	7.817		.118			1.562		.115		Backsight stadia = .994
	7.699		.273			1.447		.271		Foresight stadia = 1.008
	23.448	7.8160		.847		4.687	1.5623		.852	Total Stadia = 2.002
5	7.041		.073		#19	1.234		.077		= 0.13 Mi. each
	6.968		.074			1.157		.079		BM 201-73, S.W. Cor.
	6.894		.147			1.078		.156		Sierra Hwy & Crown
	20.903	6.9677		.994	96°	3.469	1.1563		1.008	Valley Rd
		38.5890					28183			See FB 2846-45

F.B. 2878 P.G. 133

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 E. E. Brooks Weather Clear Inst. No. 19066
Notes by J.M. Maldonado Time 9:30 to 9:45 Rod No. 17 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-73 To BM 202-23
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	0.949		079		#19	6.758		075		BM 201-73, NW Cor. Sierra Hwy & Crown Valley Rd
	0.870		079			6.683		073		
	0.792		157			6.610		148		
	2.611	0.8703		.157	82°	20.051	6.6837		.148	FB 2846-45
2	0.928		118			7.180		119		T Brooks
	0.810		118			7.061		119		Summation of Run
	0.692		236			6.942		238		From B.M. 201-73
	2.430	0.8100		.393		21.183	7.0610		.386	To B.M. 202-23
3	0.725		147			9.639		145		Total Backsights = + 7.5153
	0.578		148			9.494		144		Total Foresights = −38.2887
	0.430		295			9.350		289		Diff. Elev. = − 30.7734
	1.733	0.5777		.688		28.483	9.4943		.675	
4	1.660		105			8.488		116		Backsight stadia = 1.003
	1.555		105			8.372		113		Foresight Stadia = 1.007
	1.450		210			8.259		229		Total Stadia = 2.010
	4.665	1.5550		.898		25.119	8.3730		.904	.13 mi
5	3.755		053			6.728		051		BM 202-23. 700'± So. Sierra Hwy & 275'± W. of Crown Valley Rd
	3.702		052			6.677		052		
	3.650		105			6.625		103		
	11.107	3.7025		1003	82°	20.030	6.6767		1007	FB 2878-81
		7.5153								

E.E.B. P.G. 134

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 E. E. Brooks Weather Clear-Windy Inst. No. 15a66
Notes by F. E. Brooks Time 1110 - 1115 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-73 To BM 201-73A
Date 2 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.757		.106		#19	1.371		.112		BM 201-73
	3.651		.103			1.259		.111		Crown Valley Rd. & Sierra Hwy
1	3.548		.209			1.148		.223		
	10.956	3.6520		.209	88°	3.778	1.2593		.223	See F.B. 2846-45.
										BM 201-73 A
										Crown Valley Rd. & Sierra Hwy
										See F.B. 2846-45
										T. Maldonado
										Summation of Run.
										From B.M. 201-73
										To B.M. 201-73A
										Total Backsights = + 3.6520
										Total Foresights = - 1.2593
										Diff. Elev. = + 2.3927
										Backsight Stadia = 0.209
										Foresight Stadia = 0.223
										Total Stadia = 0.432
										.014
		3.6520					1.2593			

F.B. 2846 PG. 45

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 Clear Windy Inst. No. 16066
Notes by F. E. Brooks Time 2:30 - 2:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-73A To BM 201-73
Date 2 Aug 1962
Indexed C. J. GALM

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.889		.109		#19	4.278		.107		BM 201-73A
	1.780		.111			4.171		.103		Crown Valley Rd & Sierra Hwy
1	1.669		.220			4.068		.210		See F.B. 2846-45
	5.338	1.7793		.220	88°	12.517	4.1723		210	
										BM 201-73
										Crown Valley Rd & Sierra Hwy
										See F.B. 2846-45
										T Cook
										Summation of Run
										From B.M. 201-73A
										To B.M. 201-73
										Total Backsights = +1.7793
										Total Foresights = -4.1723
										Diff. Elev. = -2.3930
										Backsight stadia = 0.220
										Foresight Stadia = 0.210
										Total Stadia = 0.430
										.03 mi.
		1.7793					4.1723			

F.B. 2878 P.G. 136

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 E. E. Brooks — Weather Clear - Windy — Inst. No. 15066
Notes by F. E. Brooks — Time 1:15 - 1:50 — Rod No. 19220

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From BM 201 - 73A To BM [illegible]
Date 2 Aug 1962
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread 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	4.388		.081		#19	6.473		.074		BM 201-73A
	4.307		.081			6.399		.077		Crown Valley Rd & Sierra Hwy
	4.226		.166			6.322		.151		
	12.921	4.3070		.162	BB	16.194	5.3980		.151	see F.B. 2844 - 45
2	7.967		.154			4.272		.165		
	7.813		.152			4.107		.165		T Nicolodonado
	7.661		.306			3.942		.330		
	23.441	7.8137		.468		12.321	4.1070		.481	
3	6.871		.148			4.858		.146		
	6.723		.150			4.712		.144		
	6.573		.298			4.568		.290		
	20.167	6.7223		.766		14.138	4.7127		.771	
4	6.644		.151			4.691		.144		
	6.493		.149			4.547		.148		
	6.344		.300			4.399		.292		
	19.481	6.4937		1.066		13.637	4.5457		1.063	
5	6.331		.143			6.292		.151		
	6.188		.146			6.061		.150		
	6.042		.289			5.911		.301		
	18.561	6.1870		1.355		18.184	6.0613		1.364	
		31.5237					24.8297			

F.B. 1570 P.G. 13

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 Clear - Windy Inst. No. 15062
Notes by F. E. Brooks Time 1:15 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-77 To BM 201-72
Date 8-2-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4.978	31.5237	.147	1.355		6.499	24.8277	.150	1.364	
	4.831		.143			5.349		.150		
	4.688		.290			6.199		.300		
	14.497	4.8323		1.645		16.047	5.3490		1.664	
7	4.868		.141			5.221		.142		
	4.727		.140			5.079		.146		
	4.587		.281			4.933		.288		
	14.182	4.7273		1.926		15.233	5.0777		1.952	
8	3.790		.157			4.518		.147		
	3.633		.153			4.371		.148		
	3.480		.310			4.223		.295		
	10.903	3.6343		2.236		13.112	4.3707		2.247	
9	2.562		.062			10.270		.053		
	2.500		.060			10.217		.054		
	2.440		.122			10.163		.107		
	7.502	2.5007		2.358		30.650	10.2167		2.354	
10	2.648		.070			2.872		.064		
	2.578		.070			2.808		.065		
	2.508		.140			2.743		.129		
	7.734	2.5780		2.498		8.423	2.8077		2.493	
		19.7963					26.6911			

1878 ft. @ 138

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 Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 1:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-73A To BM201-72
Date 2 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.210	49.7963	.149	2.498		3.620	52.2465	.149	2.483	Summation of Run
	5.061		.148			3.471		.148		From B.M.
	4.913		.297			3.323		.297		To B.M.
	15.184	5.0613		2.795		10.414	3.4713		2.780	
12	8.147		.042			0.757		.038		Total Backsights = +80.4313
	8.105		.042			0.719		.038		Total Foresights = −60.2605
	8.063		.084			0.681		.076		Diff. Elev. = +20.1708
	24.315	8.1050		2.879		2.157	0.7190		2.856	
13	8.677		107			2.779		.111		Backsight stadia = 3.410
	8.570		110			2.668		.111		Foresight Stadia = 3.389
	8.460		.217			2.557		.222		Total Stadia = 6.799
	25.707	8.5690		3.096		8.004	2.6680		3.078	0.43 mi
14	9.057		.158		#19	0.911		.155		BM 201-72
	8.899		.156			0.756		156		Sierra Hwy 0.5 mi E. of
	8.743		.314			0.600		.311		Crown Valley Rd.
	26.699	8.8997		3.410	90°	2.267	0.7557		3.389	See F.B. 2846-44
		80.4313					60.2605			

F.B. 2878 PG. 59

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 Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:55-2:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-72 To BM201-73A
Date 2 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.426		.156		#19	9.568		.156		BM 201-72
	1.270		.158			9.412		.153		Sierra Hwy 0.5 mi E. of
	1.112		.314			9.259		.309		Crown Valley Rd.
	3.808	1.2693		.314	90	28.239	9.4130		.309	See F.B. 2846-44
2	3.175		.113			9.073		.106		
	3.062		.110			8.967		.107		π Cook
	2.952		.223			8.860		.213		
	9.189	3.0630		.537		26.900	8.9667		.522	
3	1.672		.037			9.063		.043		
	1.635		.037			9.020		.043		
	1.598		.074			8.977		.086		
	4.905	1.6350		.617		27.060	9.0200		.608	
4	3.988		.147			5.575		.148		
	3.841		.150			5.427		.147		
	3.691		.297			5.280		.295		
	11.520	3.8400		.908		16.282	5.4273		.903	
5	3.198		.065			2.972		.070		
	3.133		.064			2.902		.070		
	3.069		.129			2.832		.140		
	9.400	3.1333		1.037		8.706	2.9020		1.043	
		12.4406					35.7290			

F.B. 2878 P.G. 140

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 Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:55 - 2:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM201-72 To BM201-73A
Date 2 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	10.768	12.9406	.055	1.037		3.059	35.7290	.060	1.043	
	10.713		.053			2.999		.060		
	10.660		.108			2.939		.120		
	32.141	10.7137		1.145		8.997	2.9990		1.163	
7	5.305		.145			4.577		.156		
	5.160		.148			4.421		.154		
	5.012		.293			4.267		.310		
	15.477	5.1590		1.438		13.265	4.4217		1.477	
8	5.804		.143			5.450		.140		
	5.661		.140			5.310		.140		
	5.521		.283			5.170		.280		
	16.986	5.6620		1.721		15.930	5.3100		1.753	
9	6.027		.149			5.505		.145		
	5.878		.150			5.360		.148		
	5.728		.299			5.212		.293		
	17.633	5.8777		2.020		16.077	5.3590		2.046	
10	6.502		.150			6.618		.147		
	6.352		.149			6.471		.149		
	6.203		.299			6.322		.296		
	19.057	6.3523		2.319		19.411	6.4703		2.342	
		46.7053					60.2490			

F.B. 1878 P.G. 1961

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 Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:55 - 2:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BM 201-72 To BM 201-73A
Date 2 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	4.924	4.7053	.144	2.319		6.883	6.2840	.151	2.342	Summation of Run
	4.780		.148			6.732		.149		From B.M.
	4.632		.292			6.583		.300		To B.M.
	14.336	4.7787		2.611		20.198	6.7327		2.642	
12	6.099		.147			7.111		.149		Total Backsights = + 63.8486
	4.952		.143			6.962		.150		Total Foresights = − 84.0094
	4.809		.290			6.812		.299		Diff. Elev. = − 20.1608
	14.860	4.9533		2.901		20.885	6.9617		2.941	
13	1.900		.168			6.578		.138		Backsight stadia = 3.383
	1.732		.164			6.440		.137		Foresight Stadia = 3.381
	1.568		.332			6.303		.275		Total Stadia = 6.764
	5.200	1.7333		3.233		16.321	6.4403		3.216	0.43 mi.
14	6.763		.075		#19	4.668		.082		BM 201-73A
	6.678		.075			4.586		.083		Crown Valley Rd & Sierra Hwy
	6.603		.150			4.503		.165		
	17.034	5.6780		3.383	88°	13.757	4.5857		3.381	See F.B. 2846-45
F.B. 2810 P.G. 142										
		63.8486					84.0094			

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 PG. 147
Map No.	JN 0301.02 Tape Sta °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks Date Aug 62	
Date	Indexed B. J. GALLI SEP 4 1962	

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 202

Section 3

Route

S. on Agua Dulce Canyon from Mint Canyon to Sierra Hwy - U.S. #6 to the S.P.R.R. Then E'ly along the S.P.R.R. for aprox 1.5 mi.

Section	1	F.B. 2878	pg	5	To	pg	70
Section	2	"	"	71	"	"	142 *
Section	3	"	"	143	"	"	248
"	"	"	"	5	"	"	102 *

Section 1 BM 202-1 thru 202-13

Section 2 BM 202-14 thru 202-24

Section 3 BM 202-25 thru 202-55

* Re-run BM 202-22, to 23 FB 2878-251, 252 F.E. Brooks

" BM 202-46, to 47 " " -255, 256 J.M. Maldonado

G.F. Cook

A.O. Beck

SEE F.B. 3730 FOR B.M. 202-27A, 28A, 29A, 32A & 34A

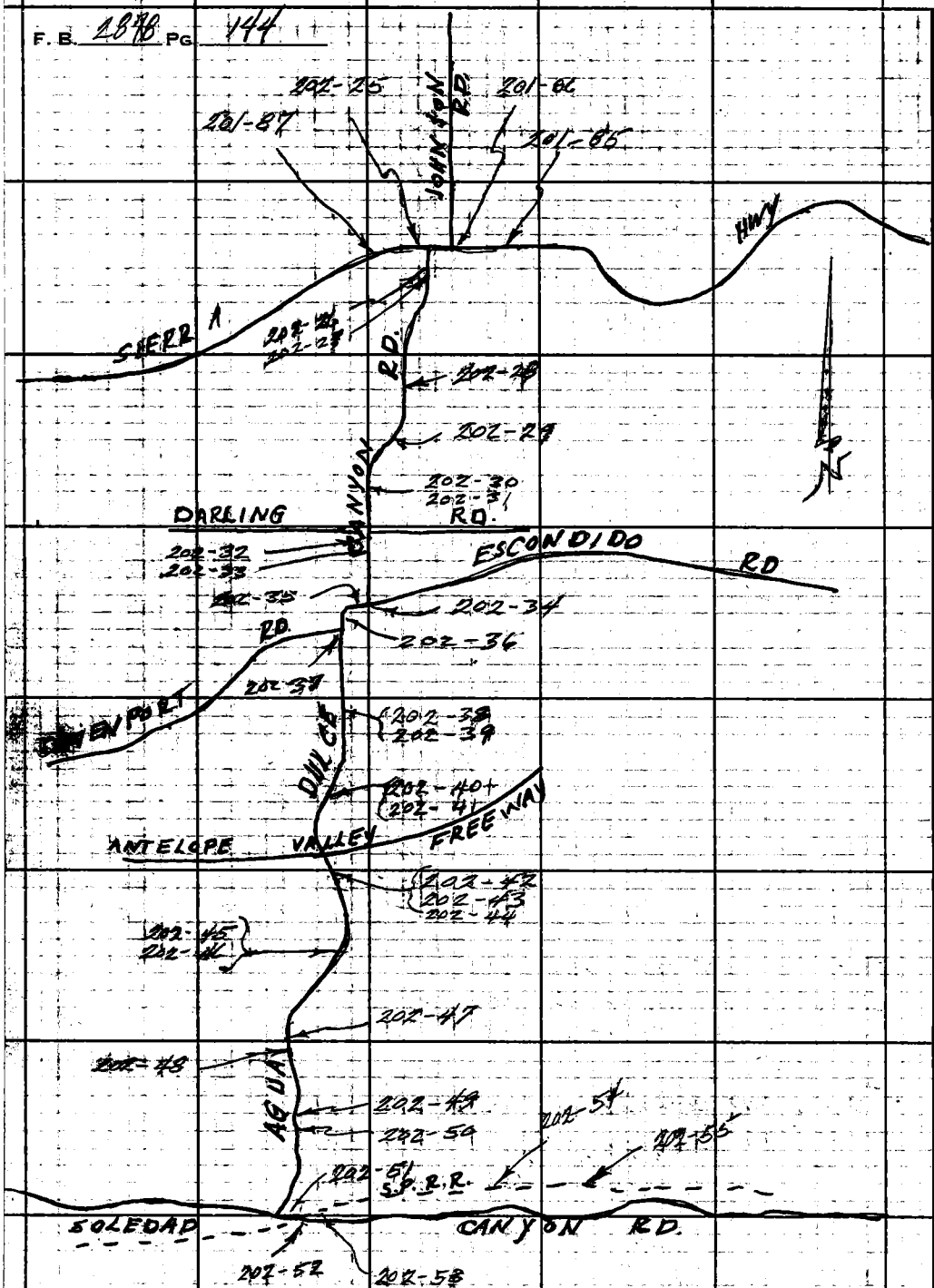
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F309S S&E #247 11-58

F. B. 1878 Pg. 144

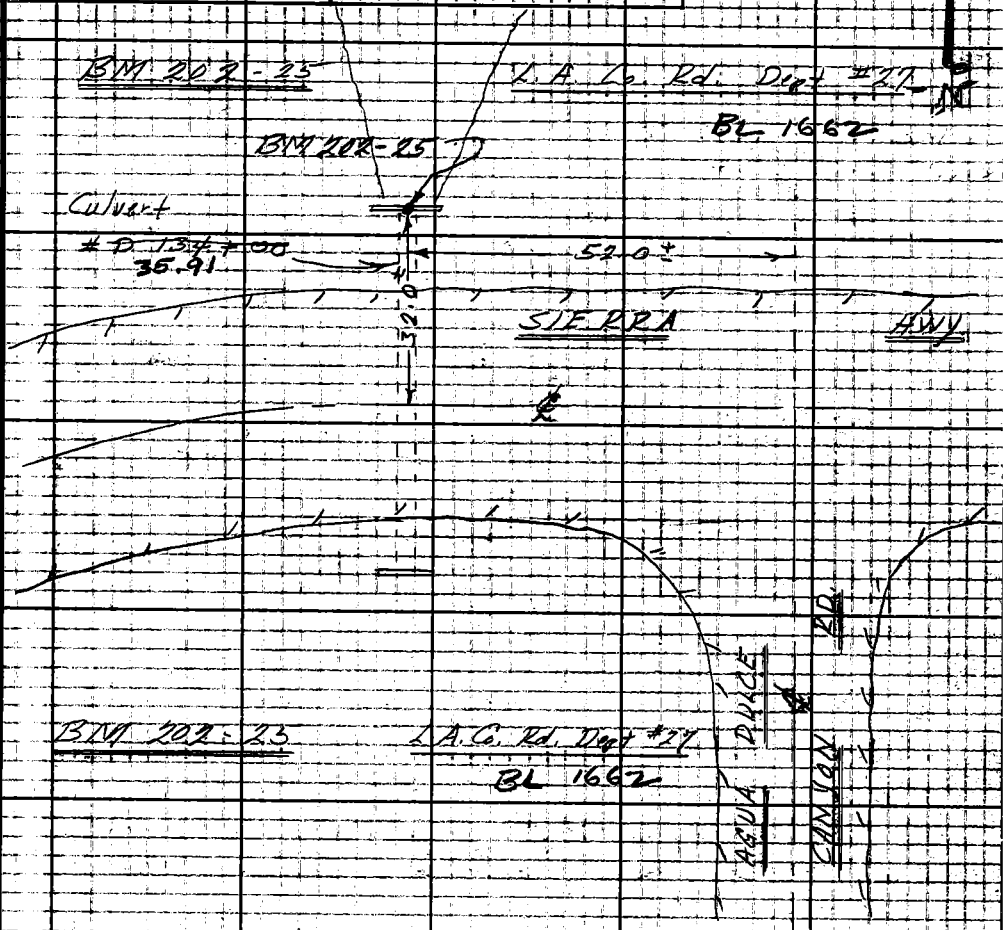


PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level N.F.	F.B. 2878 PG. 145
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks S.M. Maldonado Date Aug 22	
Date	Indexed B. J. GALLI	



This mark is 62.0± W. of ℄ Agua Dulce Canyon Rd. & 32.0± N. of ℄ Sierra Hwy. The mark is a L&T stamped RD BM on top of rock and conc. Hd. wall of N. end of Culvert #D 134+00 35.91 4.5 ft. below shoulder of road.

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 this side of this line.

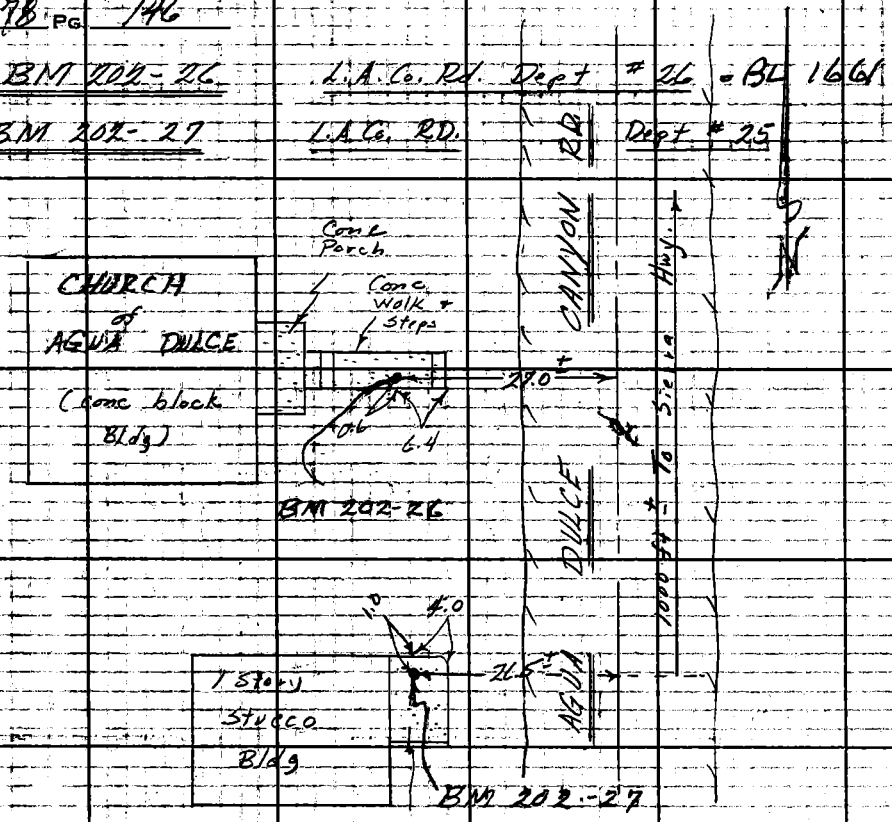
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F.B. 2378 PG. 146

BM 202-26 L.A. Co. Rd. Dept # 26 - BL 1661

BM 202-27 L.A. Co. RD. Dept # 25



BM 202-26 LA Co Rd. Dept # 26

BL 1661

This mark is 1000 Ft ± So. of Sierra Hwy & 27.0 ± W. of & Agua Dulce Canyon Rd. The mark is a L & T stamped R.D.B.M. 6.4 Ft. W. & 6.6 N. of & S.E. Cor. of Conc walk Steps to Church of Agua Dulce.

BM 202-27 BL 1660 L.A. Co. Rd. Dept # 25

This mark is 1000 Ft ± So. of Sierra Hwy & 26.5 Ft. ± W. of & Agua Dulce Canyon Rd. The mark is a L & T stamped R.D.B.M. 2.0 Ft. W. & 1.0 Ft. S. of N.E. Cor. of Conc. Slab in front of a 1 Story Stucco Bldg. It is impossible due to the roof on building To hold a rod vertical on this point.

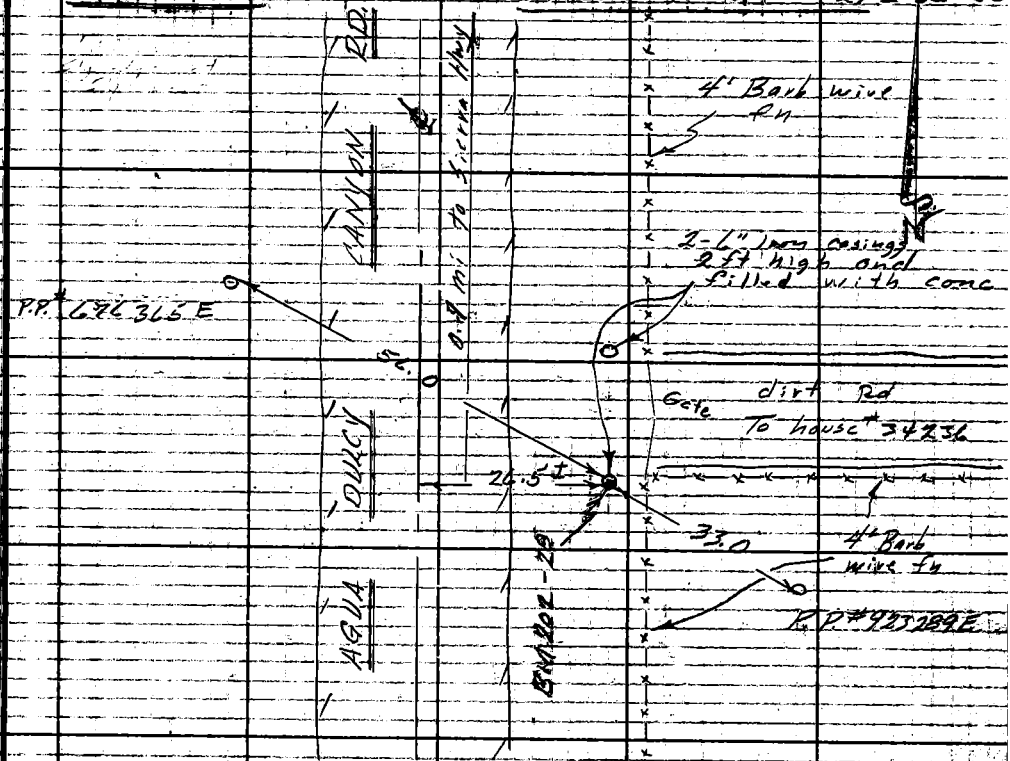
PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 PG. 147
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by E. E. Brooks	
Checked	Notes F. E. Brooks J.M. Maldonado Date Aug 02	
Date	Indexed E. J. GALLI	

BM 202-28 L.A. Co. Rd. Dept #24 = BL 165



BM 202-28 LA Co RD Dept #24

BL 1659

This mark is 0.7 mi. So. of Sierra Hwy & 26.5± E. ℄ of Agua Dulce Canyon Rd. The mark is a L & T on Sly edge of the Sly 6" x 2 ft high conc post at the entrance to house #34236; 33.0 ft N.W. of P.P. #923289E and 56.0 ft S.E. of P.P. #676365E.

DUE TO NEW FENCE CONSTRUCTION, THIS MON HAS BEEN REMOVED.

5-17-78, M.E.W.

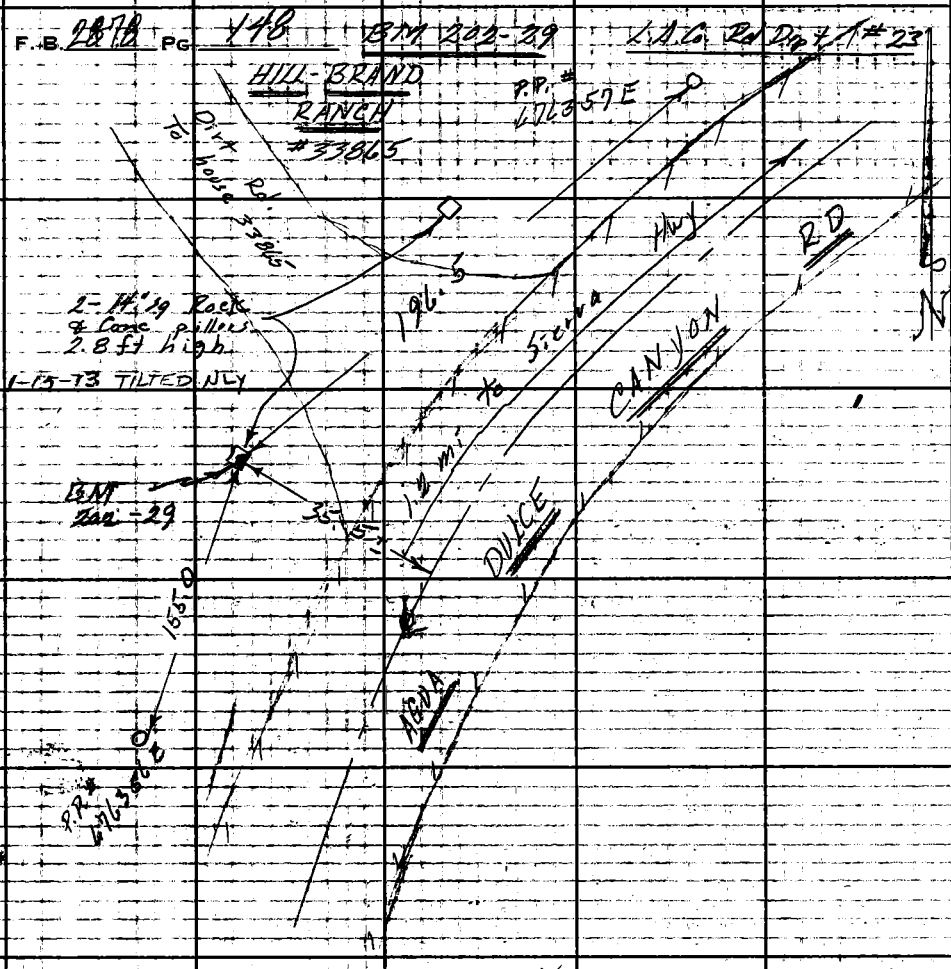
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

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

Do not extend this side of this line.

76F3095 S&E #247 11-58

F.B. 2878 PG. 148 BM 202-29 L.A.C. Rd. Dept. #23



BM 202-29 L.A. Co. Rd. Dept. #23

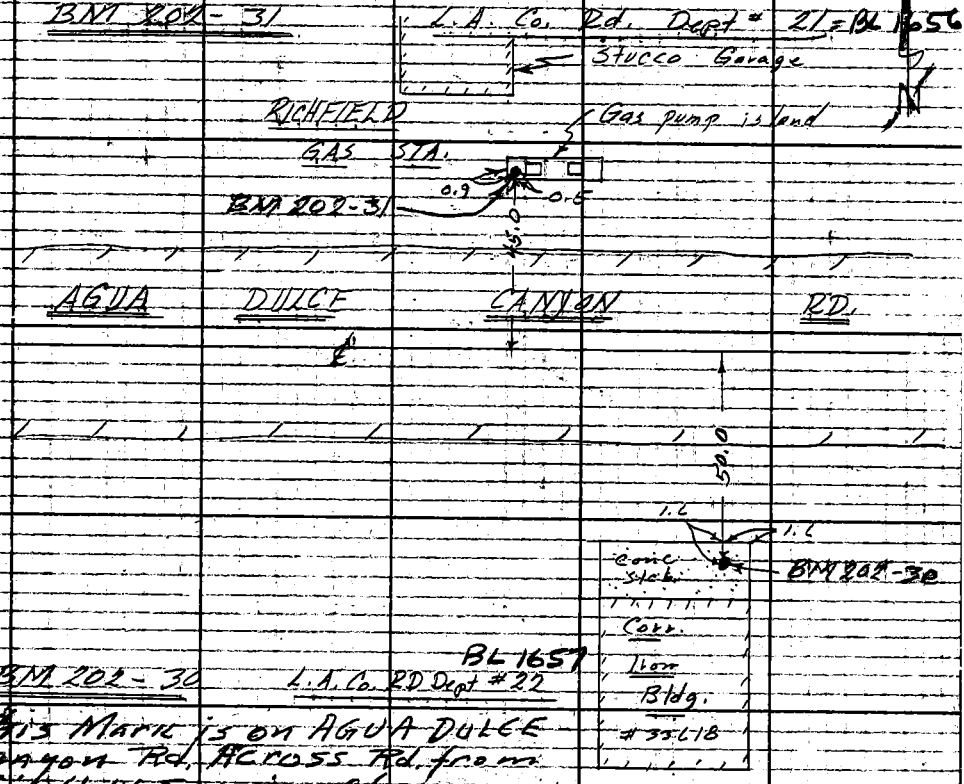
This mark is 1.2 mi. S.W. of of Sierra Hwy. & 36.5± ft. N.W'ly of & agua Dulce Canyon Rd. The mark is a L.F.T. stamped Rd. Dept. BM on a 4" sq. Rock & Conc. pillar 2.8 Ft. high on the S'ly. side of drive To house #33865; 155.0 ft N.E. of P.P. #6N 35E and 196.5 ft S.W. of P.P. #6N 35E.

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this title.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 PG. 149
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks G.E. Cook Date Aug 62	
Date	Indexed C. J. GALLI	

BM 202-30 L.A. Co. Rd. Dept # 22 = BL 1657

BM 202-31 L.A. Co. Rd. Dept # 21 = BL 1656



BM 202-30 L.A. Co. RD Dept #22 BL 1657

This Mark is on AGUA DULCE Canyon Rd. Across Rd. from Richfield Service Sta. Cemented in Conc Slab Porch of Corrugated Iron Bldg #33618 a Co. Surveyor Brass Cap 50 feet ± So. ℄ of Rd Stamped B.M. Elev 2556.391

(BLDG BURNED DOWN B.M. OK 1-24-73 GEP)

BM 202-31 L.A. Co. RD. Dept # 21 = BL 1656

This Mark is on AGUE DULCE Canyon Rd. in S.W. Cor. of Concrete Pump Island At Richfield Service Sta. a L & T Stamped Rd Dept B.M. 45° feet ± No. of ℄ of Road

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

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

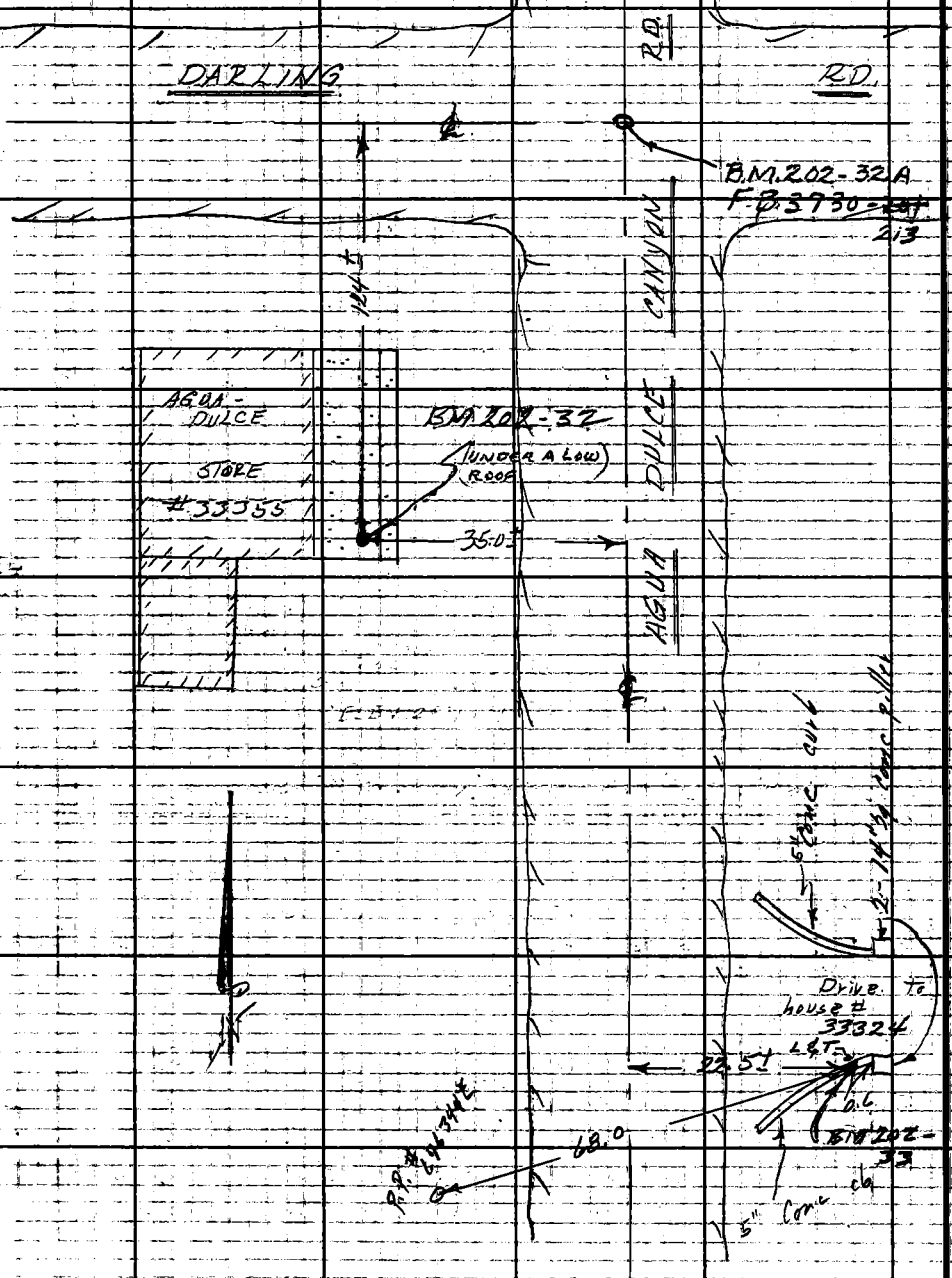
Do not extend this side of this line.

76F309S S&E #247 11-58

F. B. 2078 Pg. 15

BM 202-32 L. A. Co. R.D. Dept # 20 - BL 1655

BM 202-33 L. A. Co. Rd. Dept # 19 = BL 1654



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
Please Return To
Do not extend this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2879 Pg. 151
Map No.	JN 0361.12 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks G.E. Cook Date Aug 62	
Date	Indexed C. J. GALLI	

BM 202-32 L.A. Co. Rd. Dept # 20-BL 1655

This Mark is on AGUA DULCE Canyon Rd. a 2" Brass Disc in S.E. Cor. of Concrete Slab of AGUE DULCE Store Porch # 33355, 35° ± West ℄ of AGUE DULCE Rd & 124 ft ± South of ℄ of DARLING Rd, Stamped BM Elev. 2531.194

BM 202-33 L.A. Co. Rd. Dept. # 19-BL 1654

This Mark is 22.5 ft ± East of ℄ of AGUA-DULCE Canyon Road on South Side of Drive To House #33324 A L&T in Top of 5" Curb 0.6 West of 14" Sq Cone Pillar.

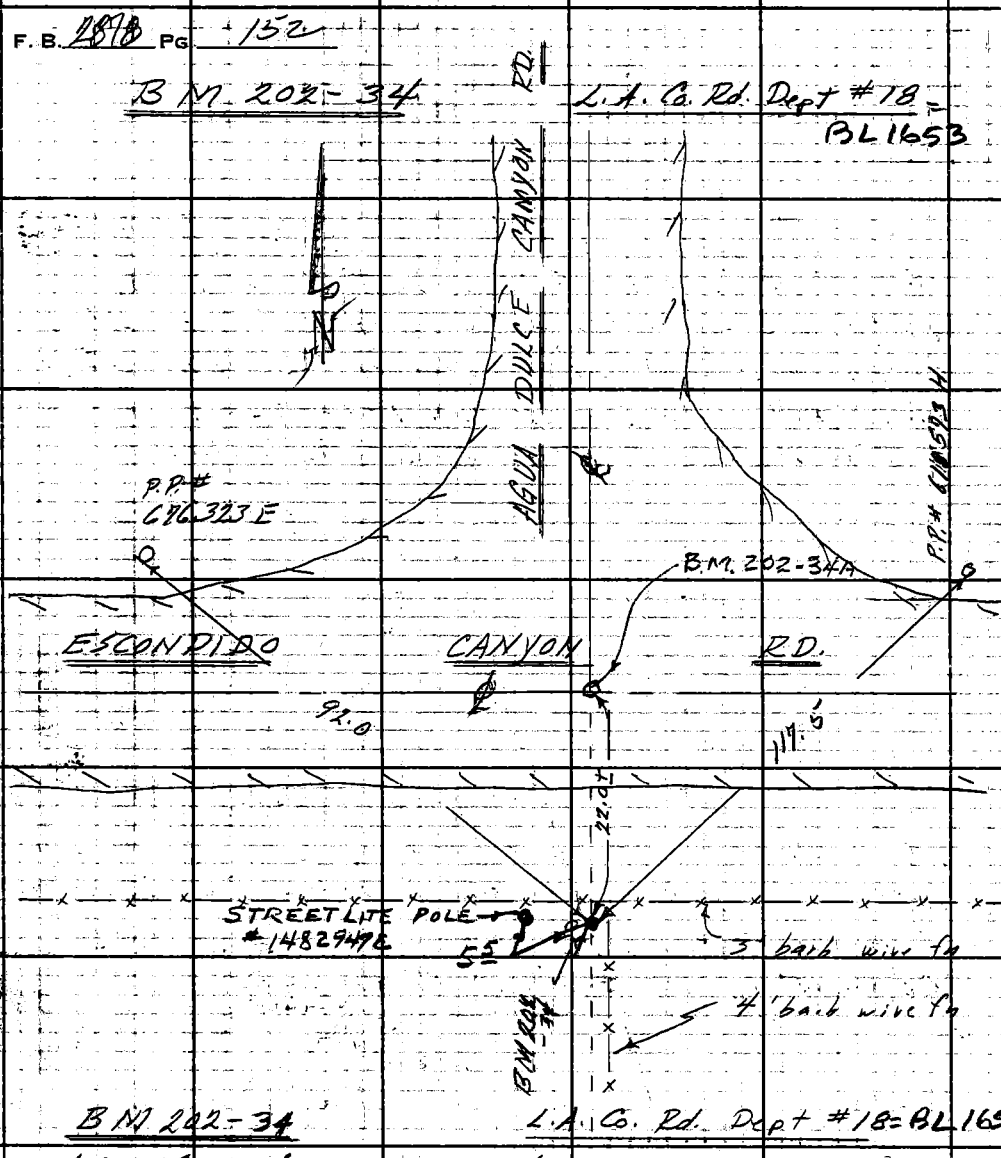
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S S&E #247 11-58

F. B. 2878 PG. 132



This Mark is on the E plod of Agua Dulce Canyon Rd 22.0ft ± S. of the intr. of Agua Dulce Canyon Rd and Escondido Canyon Rd. 92.0 ft S.E. of P.P. # 676323 E. & 117.5 ft S. W. of P.P. # 676573 H The mark is a L.A. Co. Surv. Monument. Stamped, County Surveyors Monument W.I.T. 1/4 Cor 27 26. The Mon. is 3' Below the South edge of the Paved Road

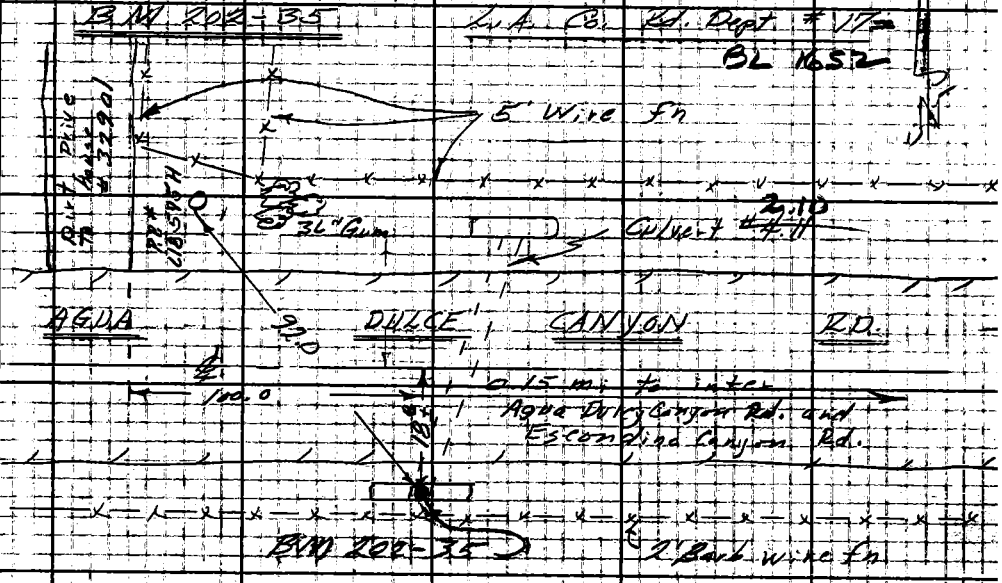
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks J.M. Maldonado Date Aug 62
Date	Indexed C. J. GALLI

F.B. 2878 Pg. 153



BM 202-35 L.A. Co. Rd. Dept. #17 = BL 1652

This mark is 0.15 mi. W. of Int. of Agua Dulce Canyon Rd and Escondido Canyon Rd. & 18.0± ft. ℄ Agua Dulce Canyon Rd. The mark is a L&T Stamped Rd. Dept. B1 on Rock & Conc. Hd. Wall of So. end of Culvert #4.11.

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 this side of this line.

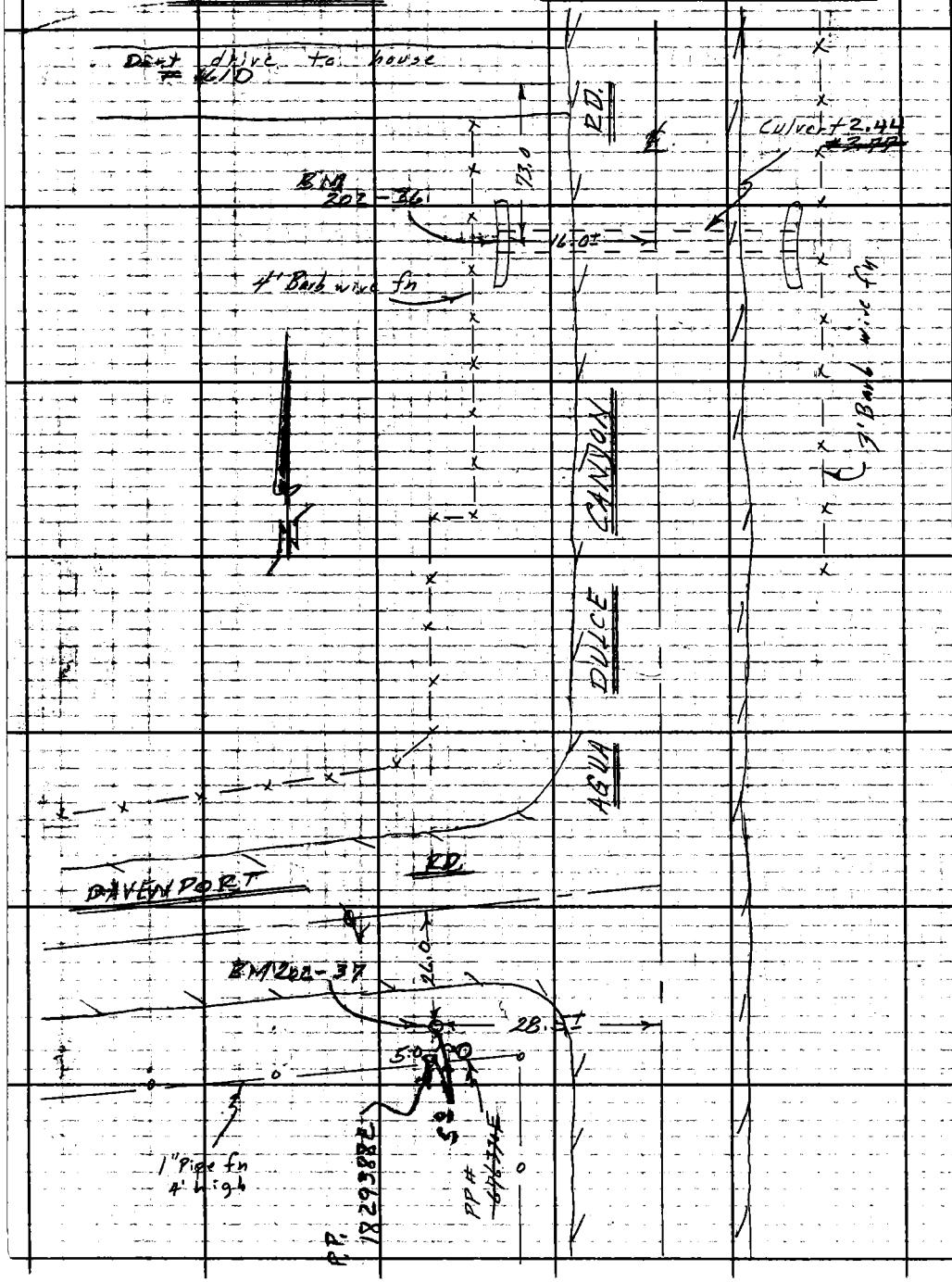
PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F. B. 1878 PG 154

BM 202-36 L.A. Co. Rd. Dept # 16 = BL 1651

BM 202-37 L.A. Co. Rd. Dept # 15 = BL 1650



PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 Pg. 155
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes F. E. Brooks & M. Maldonado Date Aug 62	
Date	Indexed C. J. GALLI	

BM 202-36 LA Co Rd Dept #16 = BL 1651

This Mark is 16.0± ft W. of Agua Dulce Canyon Rd and 73.0± So. of center of dirt drive to house #161D. The mark is a L&T stamped Rd Dept BM in conc. Hdwall on W. end of Culvert #3.77

BM 202-37 L.A. Co. Rd. Dept # 15 = BL 1650

This mark is 28.5 ft ± W of ℄ Agua Dulce Canyon Rd. & 26.0± So. of ℄ Davenport Rd. The mark is a County Surveyor precast BM stamped RE 329 NC 1049 and is 5.0 N of P.P. # ~~676330E~~ 1829388E. The mon. is 3" above ground

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 this side of this line.

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

76F309S S&E #247 11-58

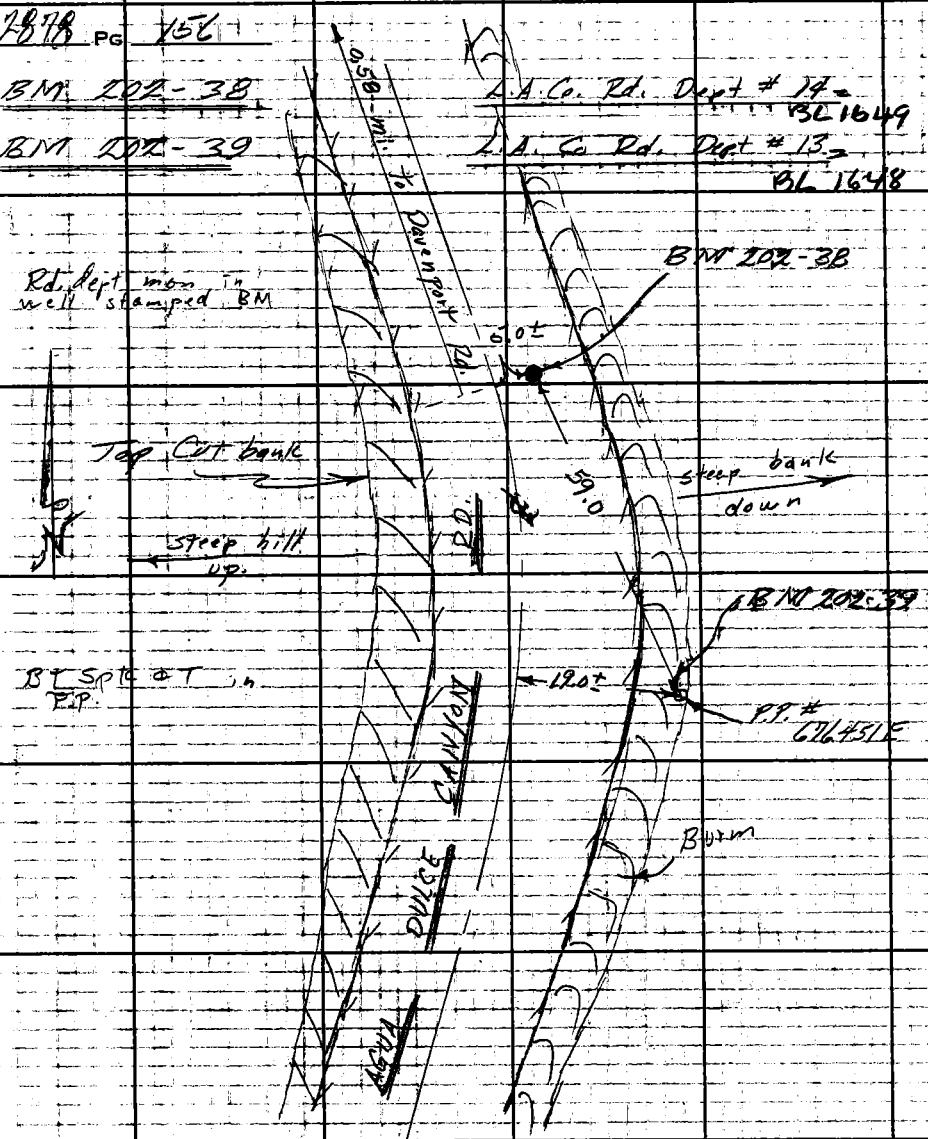
F. B. 7878 PG 156

BM 202-38

BM 202-39

L.A. Co. Rd. Dept # 14 = BL 1649

L.A. Co Rd. Dept # 13 = BL 1648



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks J.M. Maldonado Date Aug 02
Date	Indexed C. J. GALLI

F.B. 2878 PG. 157

BM 202-38 L.A. Co. Rd. Dept #14-BL 1649

This Mark is 0.58 mi. S.E. of Davenport Rd. & 5.0± E of ℄ Agua Dulce Canyon Rd. and 59.0 ft N.W. at P.P. # 676451E. The mark is a L.A. Co. Rd Dept BM mon set in a well and is stamped BM 1961. It is protected by a cast iron cover marked L.A. Co. Rd. Dept.

BM 202-39 L.A. Co. Rd. Dept # 13=BL 1648

This Mark is 59.0 ft. S. Ely from Rd. Dept Mon. #14 19.0± E of ℄ Agua Dulce Canyon Rd. The mark is a Bt. SPK. & Tin in PP # 676451E.

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 this side of this line.

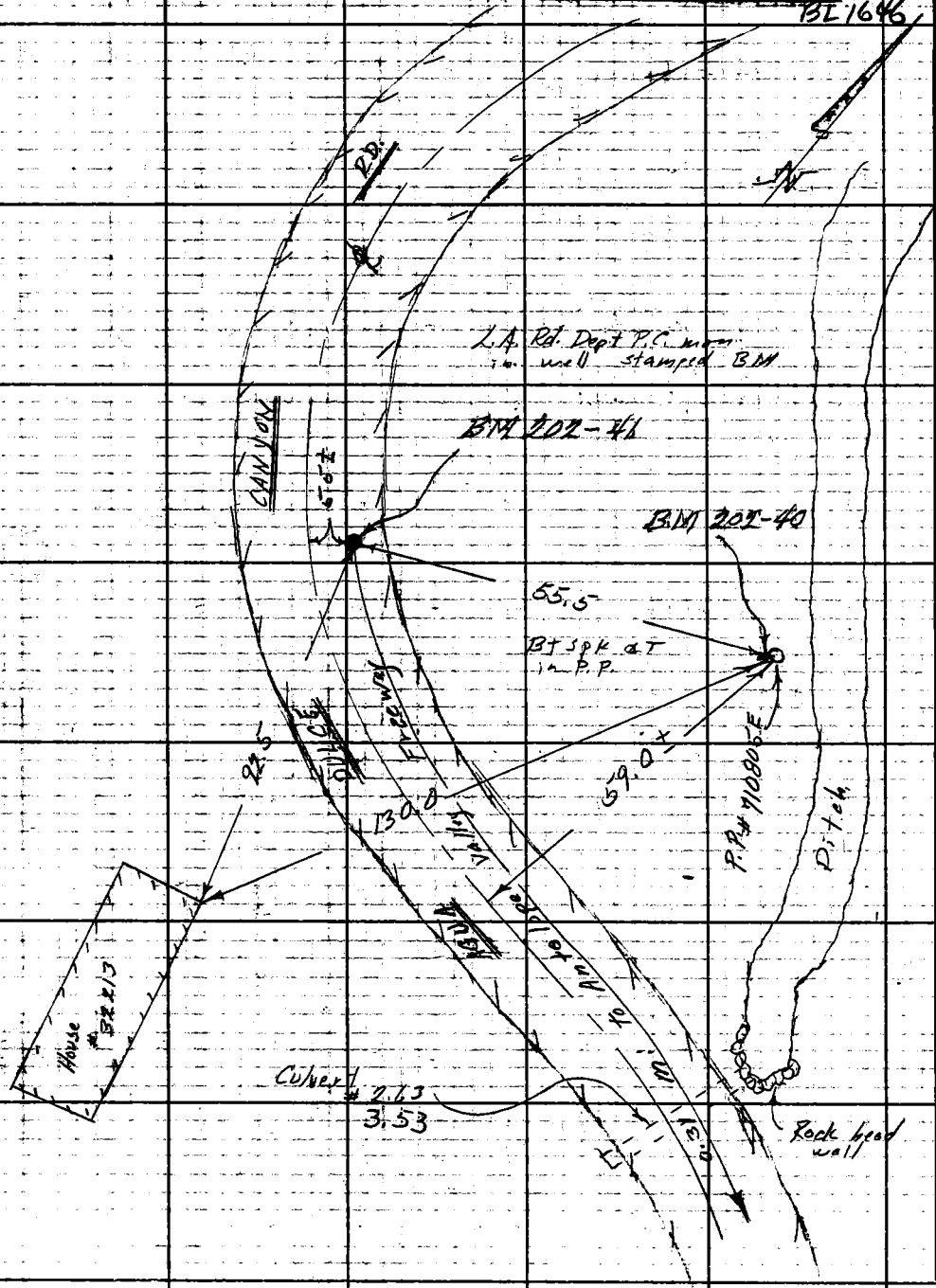
PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

F.B. 1878 Pg. 158

BM 202-40 — L. A. Co. Rd. Dept # 12 — BL 1647

BM 202-41 — L. A. Co. Rd. Dept # 11 — BL 1646



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 Pg. 159
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by E. E. Brooks	
Checked	Notes E. E. Brooks J.M. Maldonado Date Aug 62	
Date	Indexed C. J. GALLI	

BM 202-40 LA Co Rd Dept # 12 = BL 1647

This Mark is 0.31 mi. ± N.W. of Antelope Valley Freeway and 59.0 ± ft. N.E. of ℄ Agua Dulce Canyon Rd. The mark is a BhSPK & Tin in P.P. # 710805E 130.0 N Ely from North Cor. of House # 32213 and 55.5 ft. E from LA Rd. Dept. Mon. BM 202-41.

BM 202-41 L.A. Co. Rd Dept #11 = BL 1646

This Mark is 0.31 mi. N.W. of Antelope Valley Freeway & 5.5 ft ± E. of ℄ Agua Dulce Canyon Rd. The mark is a L.A. Road Dept. Brass Disc Mon. Set in Well. The mark is stamped BM 196 and is 92.5 ft. N.W. from N.E. Cor. of House # 32213 & 55.5 ft. W from P.P. # 710805E

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 this side of this line.

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

76F309S S&E #247 11-58

F. B. 2878 Pg 160

BM 202-42

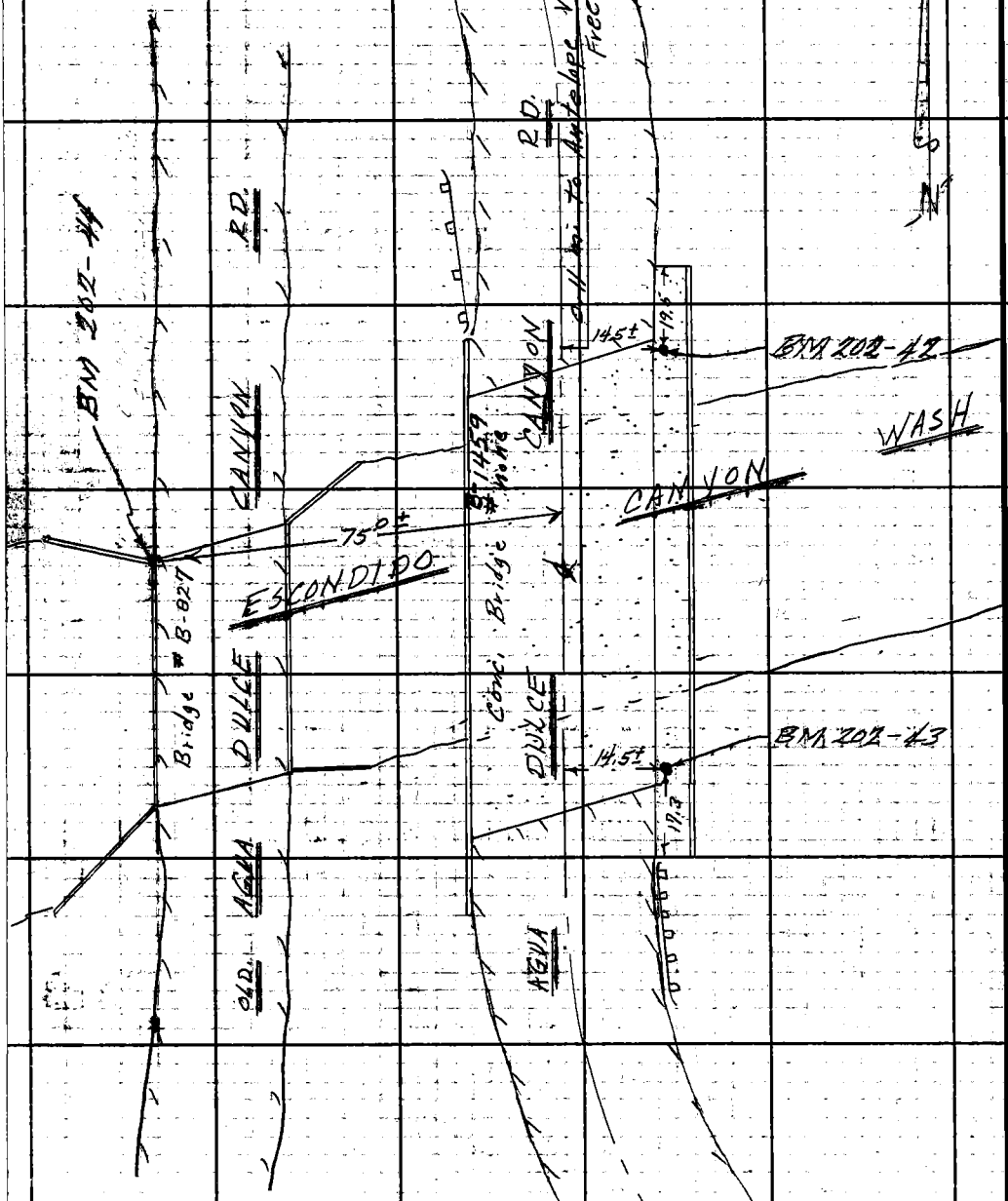
BM 202-43

BM 202-44

L. A. Co. Rd. Dept #10 - SL 1645

L. A. Co. Rd. Dept #9 - SL 1644

State of Calif BM. P37A
- SL 1642



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks J. M. Maldonado Date Aug 62
Date	Indexed C. J. GALLI

F.B. 2878 Pg. 161

BM 202-42 L.A. Co. Rd. Dept #10

This mark is 0.11 mi. So. of Antelope Valley Freeway & 14.5± ft. East of Agua Dulce Canyon Rd. The mark is a Round Head Copper ~~Tack & Lead~~ RIVET (HEAD ½" DIA.) set in Conc. walk of conc. Bridge (no number) B-1459, 19.5 ft. South of No. end of walk. The Bridge spans the Escondido Canyon Wash.

BM 202-43 L.A. Co. Rd. Dept #9

This mark is 0.12± mi. South of Antelope Valley Freeway and 14.5± ft. East of Agua Dulce Canyon Rd. The mark is a Round Head Copper ~~Tack & Lead~~ RIVET (½" DIA. HEAD) set in Conc. walk of conc. Bridge (no number) B-1459 17.3 ft. North of South end of walk. The Bridge spans Escondido Canyon Wash.

BM 202-44 State of Calif P 37A

This Mark is 0.11 mi. South of Antelope Valley Freeway and 75.0± ft. West of ℄ Agua Dulce Cayon Rd. The Mark is a C.S. Brass Cap stamped "BM Elev 2135.46" set in the N.W. end of the west conc. curb of Bridge #B-827. Bridge spans the Escondido Canyon Wash on the Old Agua Dulce Canyon Rd.

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 this side of this line.

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

76F309S S&E #247 11-58

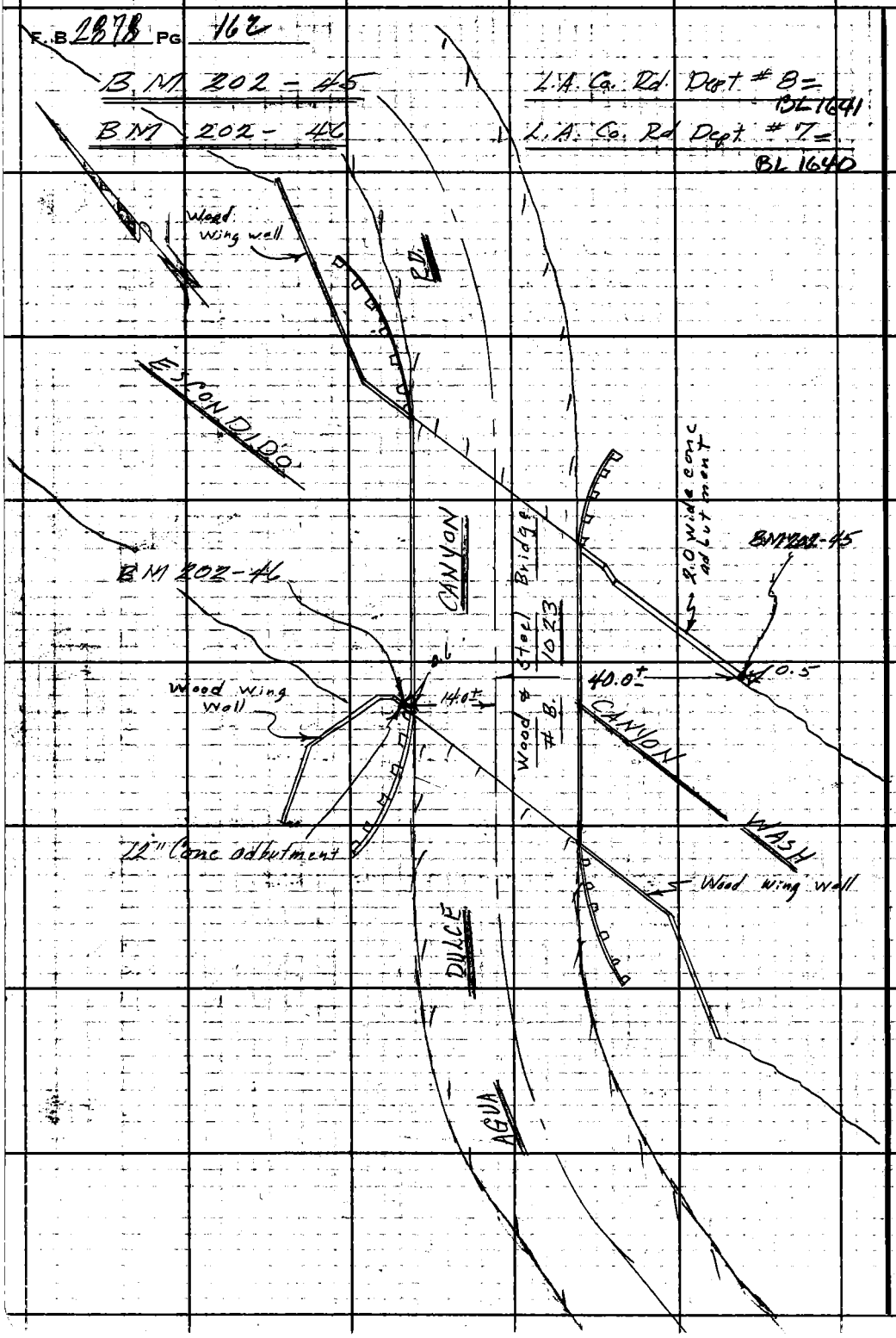
F.B. 2878 Pg 162

B.M. 202 - 45

B.M. 202 - 46

L.A. Co. Rd. Dept. # 8 = BL 1641

L.A. Co. Rd. Dept. # 7 = BL 1640



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

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Leve Net
Map No.	JN 0501.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks G E Cook Date Aug 62
Date	Indexed B. J. GALLI

F.B. 2879 PG. 163

BM 202-45 L.A. Co. Rd Dept # 8 = BL 1641

This Mark is on AGUE DULCE Canyon Rd on Bridge # B1023, A L&T 0.5 North of So. End of the East Concrete Abut. 40.0 ± from ℄ of Road

BM 202-46 L.A. Co. Rd. Dept # 7 = BL 1640

This Mark is on AGUE DULCE Canyon Rd on Bridge # B1023, A L&T Stamped BM in Lead on the North Westly Concrete Abut. 14.0 feet ± from ℄ of Road & 0.6 from Guard-Rail

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 this side of this line.

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

76F309S S&E #247 11-58

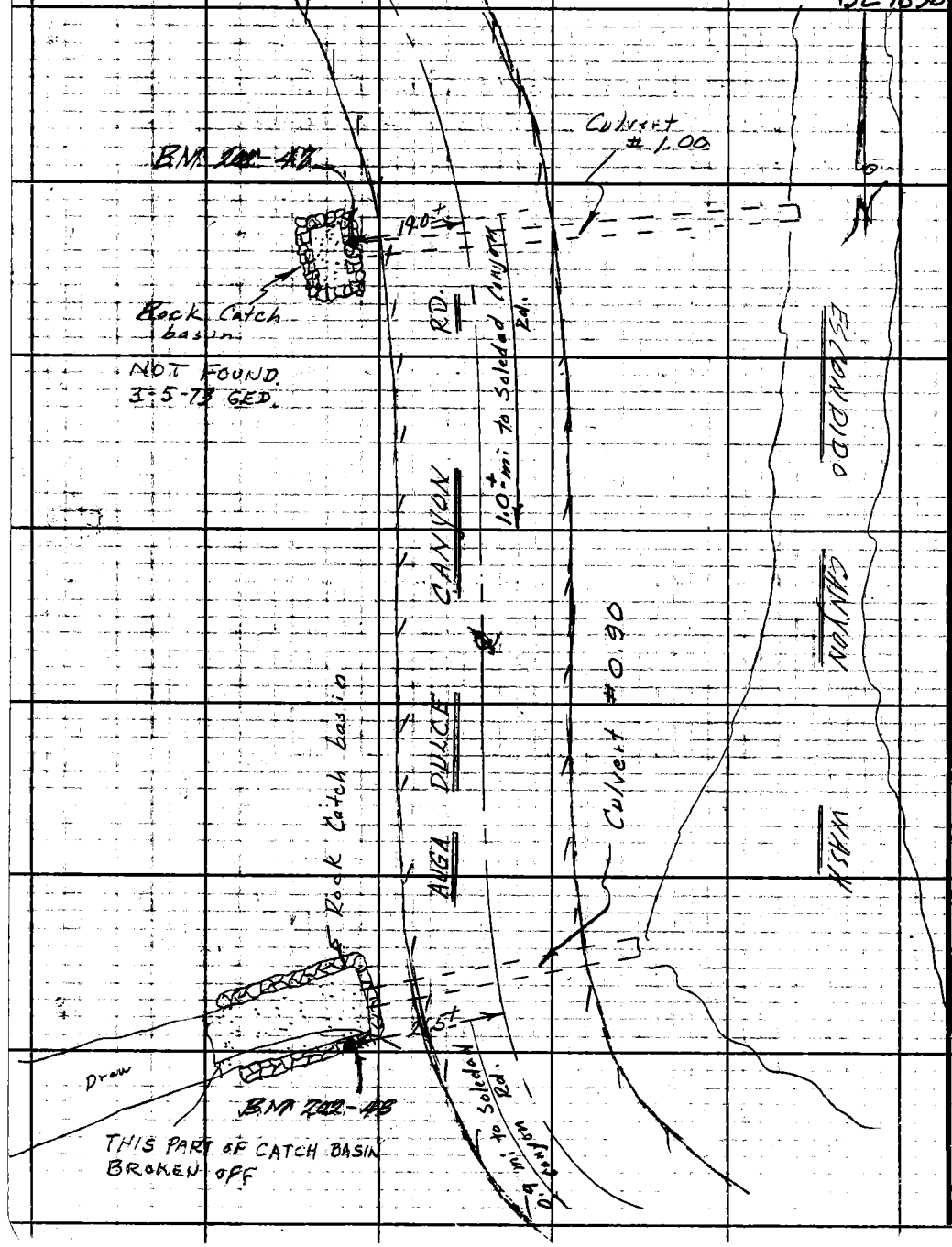
F.B. 2878 PG. N4

BM 202-47

BM 202-48

L.A. Co. Rd. Dept. # 6 = BL 1639

L.A. Co. Rd Dept # 5 = BL 1638



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this date of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std. °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F.E.B. G.E. Cook - M. Maldonado Date Aug 62
Date	Indexed C. J. GAULL

F.B. 2878 PG. 165

BM 202 - 47 L.A. Co. Rd. Dept #6 = BL 1639

This Mark is on AGUE DULCE Canyon Road 1.0 Mi ± N'ly from Soledad Canyon Rd. a L&T stamped BM, IN Top of Head Wall at Rock Catch Basin 19° ± West of ℄ of AGUE DULCE Rd

NOT FOUND, NO EVIDENCE OF CATCH BASIN - 3-5-73, G.E. DREIER

BM 202 - 48 L.A. Co. Rd. Dept #5 = BL 1638

This Mark is 0.9 ± mi. N'ly of Soledad Canyon Rd and 21.5 ± ft West of ℄ Agua Dulce Canyon Rd. The Mark is a L&T stamped BM in Lead set on the South Wall of Rock Catch Basin to Culvert #0.90

NOT FOUND, SLY PART OF CATCH BASIN DESTROYED 3-5-73 G.E. DREIER

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 this side of this line.

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

76F309S S&E #247 11-58

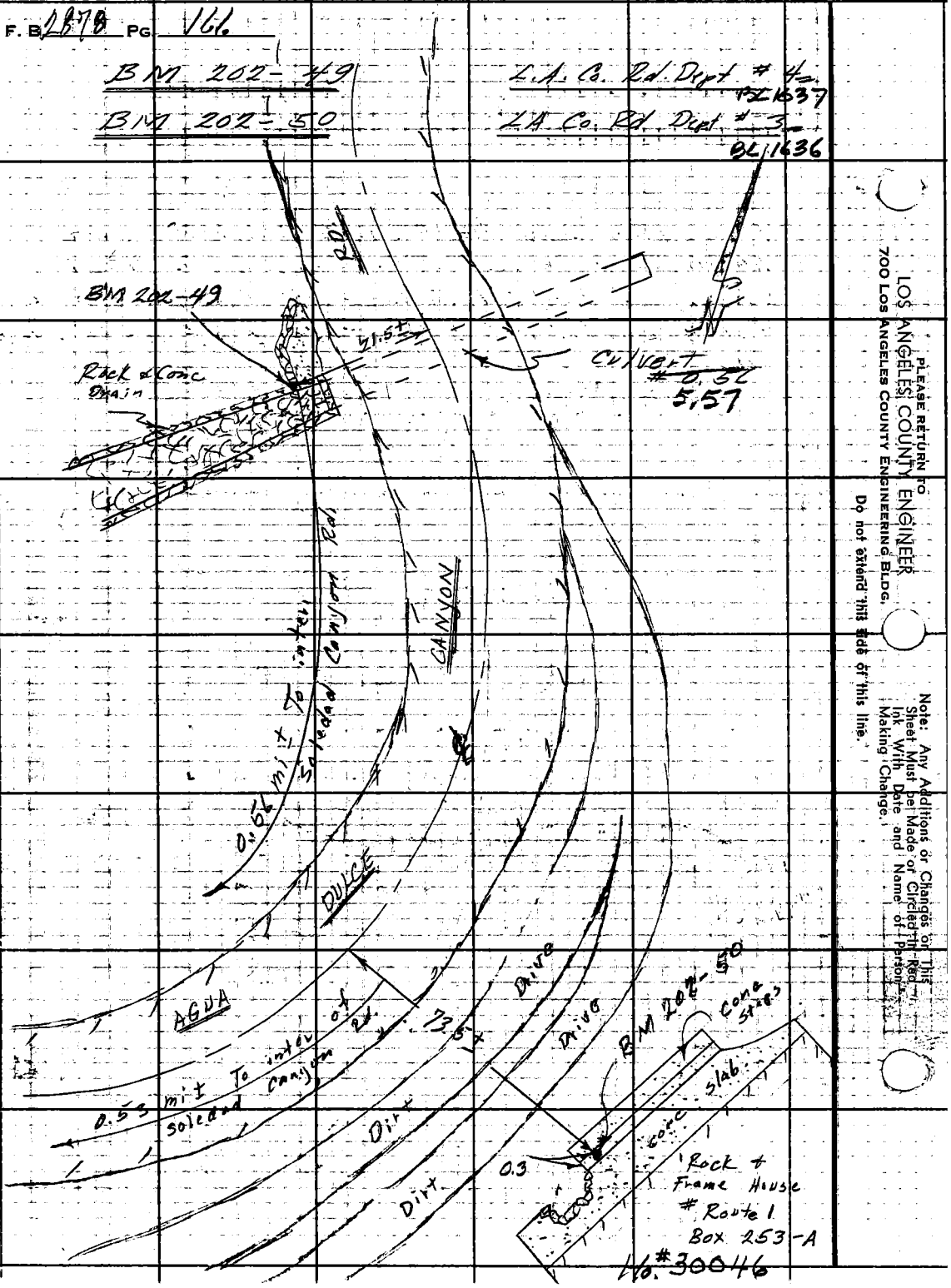
F. B. 2878 PG. 166

BM 202-49

BM 202-50

L.A. Co. Rd. Dept. # 4 BL 1637

L.A. Co. Rd. Dept. # 3 BL 1636



LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this side of this line.

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

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by F. E. Brooks
Checked	Notes F. E. Brooks L.M. Maldonado Date Aug 62
Date	Indexed S. J. Gall

F.B. 2879 Pg 167

BM 202-49 L.A. Co. Rd Dept #4 = BL 1637

This Mark is 0.56 mi. ± N'ly. of Soledad Canyon R and 21.5 ± ft. S.W. of ℄ Agua Dulce Canyon Rd. The Mark is a L&T stamped BM, set on N.W. wall of Rock & Conc. Catch Basin to Culvert #0.56

BM 202-50 L.A. Co. Rd. Dept #3 = BL 1636

This Mark is 0.53 mi. ± N'ly of Soledad Canyon Rd. & 73.5 ± ft. S.E. of ℄ Agua Dulce Canyon Rd. This Mark is a L&T stamped BM in the lead, and is set 0.3 ft. from South edge of bottom conc. steps to Rock & Frame House # Route Box 253-A

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 this side of this line.

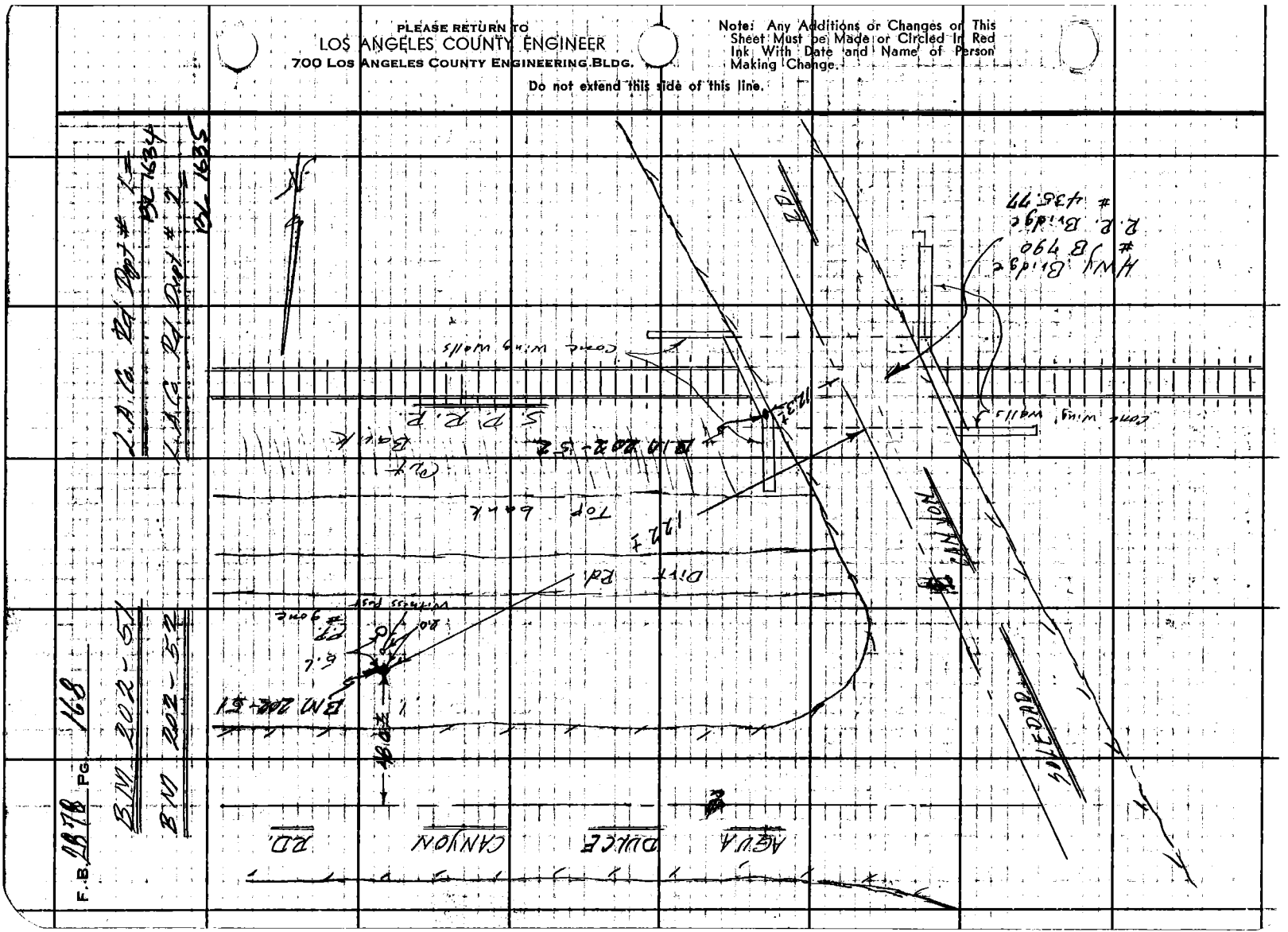
PLEASE RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S S&E #247 11-58

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

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

Do not extend this side of this line.



F.B. 2878 PG. 168

Notes Ck'd by	Survey of L.A. Co. Precise Level Net	F.B. 2878 Pg. 169
Map No.	JN Tape Std °F	
Office Work	Surveyed by F. E. Brooks	
Checked	Notes E. E. Brooks Date	
Date	Indexed C. J. GALLI	

BM 202-5Y — L.A.Co. Rd Dept #1 = BL1634

This mark is 46.0 ft ± S. of ℄ at Agua Dulce Canyon Rd. and 122 ft ± N.E. of the ℄ at Soledad Canyon Rd. 20 ft N. of a 2" witness post, and 5.6 ft N. of a P.P. no number. The mark is a L.A.Co. Rd. Dept. Record mon. in a well. The mon. is stamped BM 1961 and is protected by a cast iron cover marked L.A.Co. Rd Dept.

BM 202-5Z — L.A.Co. Rd Dept #2 = BL1635

This mark is on the E. head wall of Hwy. bridge # B 790 (R.R. Bridge # 435.17) The mark is 12.3 ft ± E. of the ℄ of Soledad Canyon Rd. and is a L.A.Co. Surv. Brass Cap cemented into the N'ly angle point in the head wall and is stamped: BM ELEV 1958.104 RE 2177

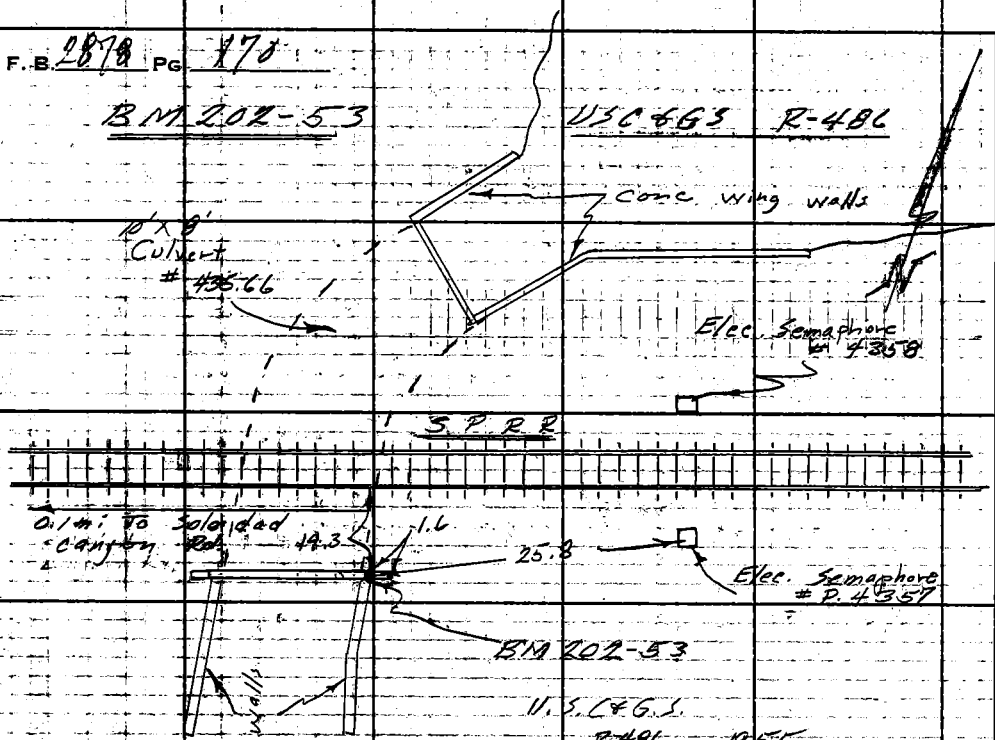
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.
Do not extend this side of this line.

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

76F3095 SAE #247 11-58

F.B. 2878 PG. 170

BM 202-53 USC&GS R-486



BM 202-53 USC&GS R-486

This mark is on the east end of the S headwall of Culvert #435.66 aprox 0.1 mi E. of Soledad Canyon Rd. The mark is 1.6 ft W of the E end of the headwall, 14.3 ft S. of the S Rail and 25.8 ft S.W. of Semaphore #P 4357 The mark is a U.S.C.&G.S. Brass disc cemented into the headwall and is stamped R 486 1955

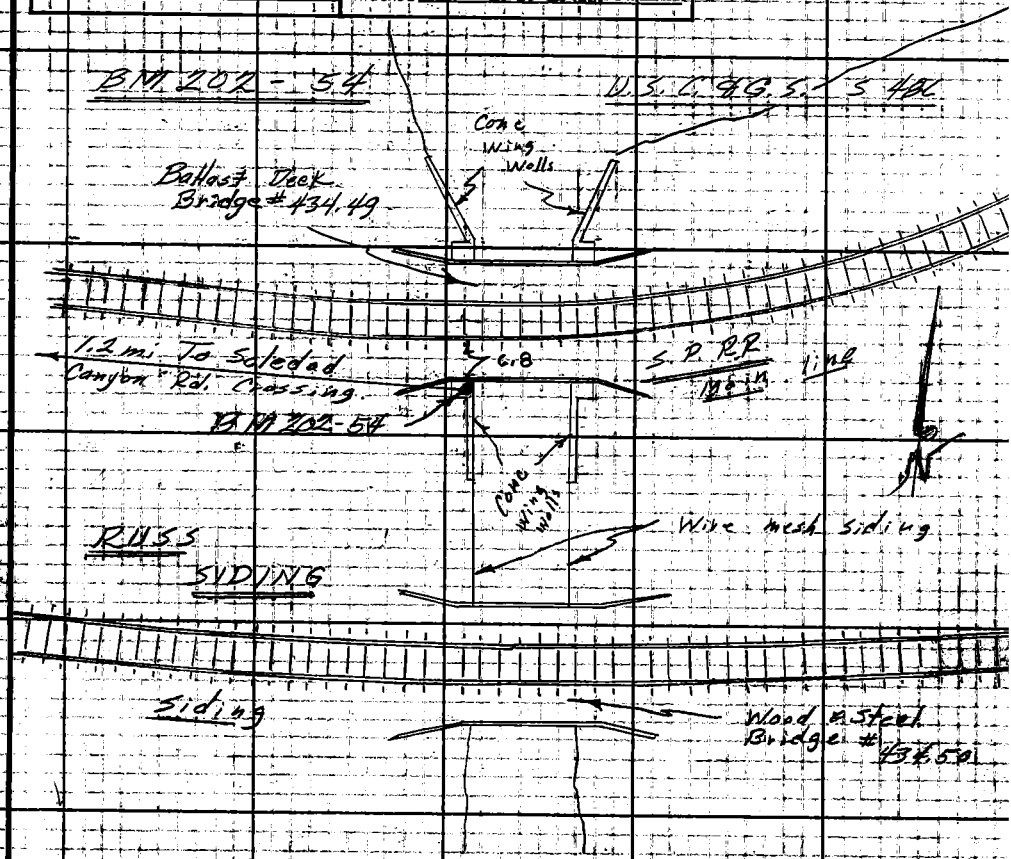
LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.

PLEASE RETURN TO

Do not extend this side of this line.

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

Notes Ck'd by	Survey of LA Co. Precise Level Net	F.B. 2878 PG. 171
Map No.	JN 0301.02 Tape Std °F	
Office Work	Surveyed by E. E. Brooks	
Checked	Notes E. E. Brooks Date E.E. Coola Aug 62	
Date	Indexed C. J. GALLI	



BM 202-54 U.S.C.&G.S. S 486

This Mark is on the S.P.R.R. Approx 1.2 Mi East of Soledad Canyon Rd. Crossing on the South Westly Concrete Abut of Bridge # 434.49 6.8 feet South of the South Rail of Main Track Line, a Brass Disk stamped USC&GS S-486 1955

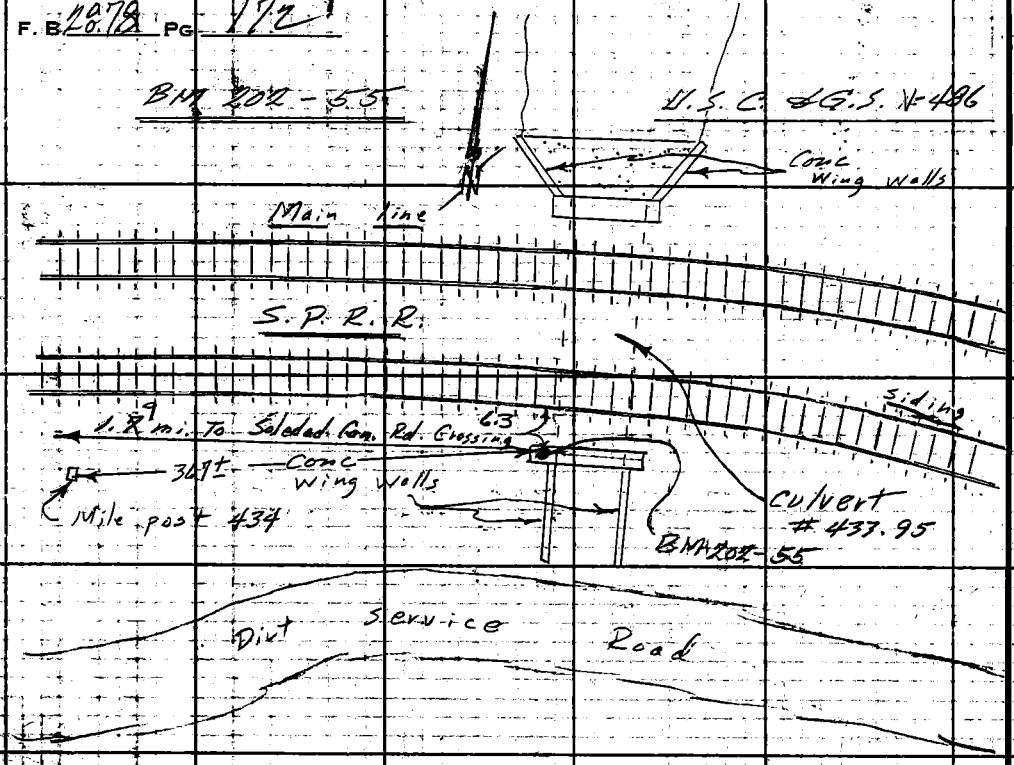
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

76F309S S&E #247 11-58

F. B. No. 78 Pg 172



BM 202-55 U. S. C. & G. S. V 486

This Mark is Approx 1.9 Mi Easterly of Soledad Canyon Rd. Crossing on the S.P.R.R. A Brass Disk Stamped USC&GS "V 486. 1955" in the South Westerly Concrete Hd Wall of Culvert # 433.95 & 6.3 ft.± South of the South Rail of Siding TRACK & 367'± Easterly of Mile Post # 434

LOS ANGELES COUNTY ENGINEER
700 Los Angeles County Engineering Bldg.
PLEASE RETURN TO
Do not extend this side of this line.

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

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:35-10:20 Rod No. 19-20

Name L.A. Co. Precise Level Nef
Job No. 0301.02
From BM 201-B5 To BM 201-B6
Date 10 Aug 1962
Indexed C. J. GALLI SEP 13 '62

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	1.258		.156		#19	8.972		.145		BM 201-B5
	1.102		.152			8.827		.146		Sierra Hwy (US #6) 0.4mi
	0.950		.308			8.681		.291		E. of Johnson Rd
	3.310	1.1033		.308	86°	26.480	8.8267		291	Sec F.B. 2846-60
2	3.338		.140			6.740		.139		T Maldonado
	3.198		.139			6.601		.138		
	3.059		.279			6.463		.277		
	9.595	3.1983		.587		19.804	6.6013		.568	
3	2.770		.145			6.794		.146		
	2.625		.146			6.648		.146		
	2.479		.291			6.502		.292		
	7.874	2.6247		878		19.944	6.6480		.860	
4	4.413		.146			5.439		.151		
	4.267		.148			5.288		.150		
	4.119		.294			5.138		.301		
	12.799	4.2663		1.172		15.865	5.2883		1.161	
5	3.888		.144			6.463		.150		
	3.739		.148			6.313		.152		
	3.591		.292			6.161		.302		
	11.213	3.7377		1.464		18.937	6.3123		1.463	
		14.9303					33.6766			

F.B. 2873 P.G. 127

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 R. C. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:35 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-85 To BM 201-BC
Date 10 Aug 1962
Indexed C. J. GAU

Number of Station	BACKSIGHT Thread 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	4.721	14.9303	.124	1.464		8.371	33.6766	.125	1.463	
	4.597		.126			8.246		.127		
	4.471		.250			8.119		.252		
	13.789	4.5963		1.714		24.736	8.2463		1.715	
7	1.899		.149			7.313		.150		
	1.750		.150			7.163		.151		
	1.600		.299			7.012		.501		
	5.249	1.7497		2.013		21.488	7.1627		2.016	
8	3.944		.111			5.871		.110		
	3.833		.110			5.761		.110		
	3.723		.221			5.651		.220		
	11.500	3.8333		2.234		17.283	5.7618		2.236	
9	4.243		.151			5.214		.144		
	4.092		.151			5.070		.146		
	3.941		.302			4.924		.290		
	12.276	4.0920		2.536		15.208	5.0693		2.526	
10	4.453		.145			5.830		.150		
	4.308		.149			5.680		.149		
	4.159		.294			5.531		.299		
	12.920	4.3067		2.830		17.041	5.6803		1.825	
		33.5083					15.6952			

F.B. 2888 P.G. 174

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:35 - 10:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 201-85 To BM 201-BC
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	2.999	33.5083	.149	2.830		7.169	6.5952	.151	2.825	
	2.850		.148			7.018		.151		
	2.702		.299			6.867		.302		
	8.551	2.8503		3.127		21.054	7.0180		3.128	
12	4.518		.115			3.030		.113		
	4.403		.111			2.917		.117		
	4.292		.226			2.800		.230		
	13.213	4.4043		3.353		8.747	2.9157		3.357	
13	10.512		.110			2.767		.116		
	10.402		.111			2.651		.113		
	10.291		.221			2.538		.229		
	31.205	10.4017		3.574		7.956	2.6520		3.586	
14	3.688		.160			6.553		.160		
	3.528		.160			6.393		.163		
	3.368		.320			6.230		.323		
	10.584	3.5280		3.894		19.176	6.3920		3.909	F.B. 40778 P.G. 175
15	3.979		.116			8.650		.112		
	3.863		.113			8.538		.114		
	3.750		.229			8.424		.226		
	11.592	3.8640		4.123		25.612	8.5373		4.135	
		58.6566					28.1102			

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:35-10:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM201-B5 To BM201-B6
Date 10 Aug 1961
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thredd Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.963	58.5566	.053	4.123	#19	6.098	93.1102	.059	4.135	BM 201-B6
	2.910		.053			6.039		.059		Sierra Hwy (U.S. #6) at
16	2.857		.106			5.980		.118		Johnson Rd.
	8.730	2.9100		4.229	86°	18.117	6.0390		4.253	See F.B. 2846-61
										Summation of Run
										From B.M. 201-B5
										To B.M. 201-B6
										Total Backsights = + 61.4666
										Total Foresights = − 99.1492
										Diff. Elev. = − 37.6826
										Backsight stadia = 4.229
										Foresight Stadia = 4.253
										Total Stadia = 8.482
										= .54 mi.
		61.4666					99.1492			

F.B. 1878 PG. 176

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:15 – 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-86 To BM 201-85
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.259		.057		#79	3.127		.055		BM 201-86
	6.202		.055			3.072		.053		Sierra Hwy (U.S. #6) at
	6.147		.112			3.019		.108		Johnson Rd.
	18.608	6.2027		.112	92°	9.218	3.0727		108	See F.B. 2846-61
2	9.203		.113			4.532		.113		π Maldonado
	9.090		.113			4.419		.115		
	8.977		.226			4.304		.228		
	27.270	9.0900		.338		13.255	4.4183	5	.336	
3	6.538		.161			3.660		.161	?	
	6.377		.159			3.509	?	.164	?	
	6.218		.320			3.345		.325		
	19.133	6.3777		.658		10.514	3.5047		.661	
4	2.772		.113			10.521		.110		
	2.659		.111			10.411		.111		
	2.548		.224			10.300		.221		
	7.979	2.6597		.882		31.232	10.4107		.882	
5	2.908		.114			4.397		.115		
	2.794		.114			4.282		.111		
	2.680		.228			4.171		.226		
	8.382	2.7940		1.110		12.850	4.2833		1.108	
		27.1241					25.6897			

F.B. 2878 P.G. 177

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-BC To BM201-B5
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.122	29.1241	.152	1.110		2.951	25.6897	.148	1.108	
	6.970		.151			2.803		.145		
	6.819		.303			1.658		.293		
	20.911	6.9703		1.413		8.412	2.8040		1.401	
7	5.642		.150			4.267		.149		
	5.492		.150			4.118		.147		
	5.342		.300			3.971		.296		
	16.496	5.4920		1.713		12.356	4.1187		1.697	
8	6.190		.146			4.219		.151		
	6.044		.145			4.068		.150		
	4.899		.291			3.918		.301		
	15.133	5.0443		2.004		12.205	4.0683		1.998	
9	6.258		.110			4.330		.111		
	6.148		.111			4.219		.109		
	6.037		.221			4.110		.220		
	18.443	6.1477		2.225		12.659	4.2197		2.218	
10	7.043		.150			4.630		.151		
	6.893		.149			4.479		.148		
	6.744		.299			4.331		.299		
	20.680	6.8933		2.524		13.440	4.4800		2.517	
		57.6717					28.2804			

F.B. 2878 P.G. 178

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 E. E. Brooks
Notes by F. E. Brooks
Weather Clear
Time 10:15 - 11:00
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-86 To BM201-85
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.223	57.6717	.125	2.524		4.572	42.3804	.124	2.517	
	8.098		.128			4.448		.125		
	7.870		.253			4.323		.249		
	24.291	8.0970		2.777		13.343	4.4477		2.766	
12	6.373		.151			3.790		.146		
	6.222		.151			3.644		.145		
	6.071		.302			3.499		.291		
	18.666	6.2220		3.079		10.933	3.6443		3.057	
13	5.203		.151			4.179		.147		
	5.052		.150			4.032		.144		
	4.902		.301			3.888		.291		
	15.157	5.0523		3.380		12.099	4.0330		3.348	
14	6.723		.145			2.700		.147		
	6.578		.146			2.553		.143		
	6.432		.291			2.410		.290		
	19.733	6.5777		3.671		7.663	2.5543		3.638	
15	7.138		.140			3.730		.137		
	6.998		.139			3.593		.136		
	6.859		.279			3.457		.273		
	20.995	6.9983		3.950		10.780	3.5933		3.911	
		90.6190					60.6540			

F.B. 2878 P.G. 179

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:15 - 11:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-86 To BM 201-85
Date 15 Aug 1962
Indexed C. J. GALM

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.001	90.6190	.140	3.950	#19	1.298	60.6530	.160	3.911	BM 201-86
	8.861		.140			1.138		.161		Sierra Hwy (U.S. #6) 0.4
16	8.721		.280			0.977		.321		mi E. of Johnson Rd.
	26.583	8.8610		4.230	940	3.413	1.1377		4.232	See F.B. 2846-60
										Summation of Run
										From B.M. 201-86
										To B.M. 201-85
										Total Backsights = + 99.4800
										Total Foresights = − 61.7907 ?
										Diff. Elev. = + 37.6893
										Backsight stadia = 4.230
										Foresight Stadia = 4.232
										Total Stadia = 8.462
										= .54 m.
		99.4800					61.7907			

F.B. 1870 PG. 180

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 P. E. Brooks Weather Clear Inst. No 15066
Notes by P. E. Brooks Time 10:20 - 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-86 To BM 201-87
Date 10 Aug 1962
Indexed G. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	1.163		.050		#19	7.213		.055		BM 201-86
	1.113		.050			7.158		.054		Sierra Hwy (U.S. #6) at
	1.063		.100			7.104		.109		Johnson Rd.
	3.339	1.1130		.100	86°	21.475	7.1583		.109	See F.B. 2846-61
2	1.617		.144			7.482		.142		T Cook
	1.473		.143			7.340		.141		
	1.330		.287			7.199		.283		
	4.420	1.4733		.387		22.021	7.3403		.392	
3	3.442		.147			6.767		.151		
	3.295		.147			6.610		.147		
	3.148		.294			6.463		.298		
	9.885	3.2950		.681		16.834	5.6113		.690	
4	8.172		.150			5.901		.149		
	8.022		.151			5.752		.148		
	7.871		.301			5.604		.297		
	24.065	8.0217		.982		17.257	5.7523		.987	
5	6.821		.151			4.396		.150		
	6.670		.148			4.246		.151		
	6.522		.299			4.095		.301		
	20.013	6.6710		1.281		12.737	4.2457		1.288	
		20.5740					30.1079			

F.B. 2846 P.G. 151

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:20 - 10:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-86 To BM 201-87
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	5.713	20.5740	.042	1.281		9.525	30.1079	.040	1.288	
	5.671		.042			9.485		.039		
	5.629		.084			9.446		.079		
	17.013	5.6710		1.365		28.456	9.4853		1.367	
7	9.722		.162			4.720		.162		
	9.560		.162			4.558		.165		
	9.398		.324			4.393		.327		
	28.680	9.5600		1.689		13.671	4.5570		1.694	
8	5.853		.112			4.928		.106		
	5.741		.113			4.822		.105		
	5.628		.225			4.717		.211		
	17.222	5.7407		1.914		14.467	4.8223		1.905	
9	5.803		.143			6.078		.151		
	5.660		.145			4.927		.149		
	5.515		.288			4.778		.300		
	16.978	5.6593		2.202		14.783	4.9277		2.205	
10	5.809		.147			4.849		.144		
	6.662		.150			4.705		.144		
	5.512		.297			4.561		.188		
	16.983	5.6610		2.499		14.115	4.7050		2.493	
		52.8660					58.6052			

F.B. 1818 PG. 182

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:20 - 10:55 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 201-86 To BM 201-88
Date 10 Aug. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	5.995	52.8660	.145	2.499		6.252	58.6052	.150	2.493	Summation of Run
	5.850		.148			6.102		.147		From B.M. 201-86
	5.702		.293			4.955		.297		To B.M. 201-87
	17.547	5.8490		2.792		16.309	5.1030		2.790	Total Backsights = + 77.4773
12	5.995		.133			4.150		.130		Total Foresights = − 75.3855
	5.862		.131			4.020		.131		Diff. Elev. = + 2.0918
	5.731		.264			3.889		.261		
	17.588	5.8627		3.056		12.059	4.0197		3.051	Backsight stadia = 3.565
13	5.818		.133			4.761		.132		Foresight Stadia = 3.544
	5.685		.132			4.629		.131		Total Stadia = 7.109
	5.553		.265			4.498		.263		= .45 mi.
	17.056	5.6853		3.321		13.888	4.6293		3.314	
14	7.336		.121		#19	3.143		.114		BM 201-87
	7.215		.123			3.029		.116		Sierra Hwy (U.S. #6) 0.3
	7.092		.244			2.913		.230		mi. W. of Agua Dulce Canyon Rd
	21.643	7.2143		3.565	90°	9.085	3.0283		3.544	See F.B. 2846-63
		77.4773					75.3855			

F.B. 2879 P.G. 127

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

checked

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:45 - 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-87 To BM201-86
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.381		.116		#19	7.571		.119		BM 201-87
	3.265		.115			7.452		.120		Sierra Hwy (U.S. #6) 0.3
1	3.150		.231			7.332		.239		mi W. of Agua Dulce Canyon
	9.796	3.2653		.231	100°	22.355	7.4517		.239	Rd. See F.B. 2846-63
	4.682		.131			5.741		.134		
	4.551		.129			5.607		.135		T Cook
2	4.422		.260			6.472		.269		
	13.655	4.5517		.491		16.820	5.6017		.508	
	4.151		.129			5.999		.132		
	4.022		.130			6.867		.135		
3	3.892		.259			5.732		.267		
	12.065	4.0217		.750		17.598	5.8660		.775	
	5.030		.148			5.771		.144		
	4.882		.147			5.627		.147		
4	4.735		.295			5.480		.291		
	14.647	4.8823		1.045		16.878	5.6260		1.066	
	4.820		.142			5.782		.151		
5	4.678		.146			5.631		.148		
	4.532		.288			5.483		.299		
	14.030	4.6767		1.333		16.896	5.6320		1.365	
		21.3977					30.1824			

FB 2878 PG 184

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.

checked

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:45 – 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM201-87 To BM201-86
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.901	21.3977	.150	1.333		5.630	30.1824	.144	1.365	
	4.751		.149			5.486		.145		
	4.602		.299			5.341		.289		
	14.254	4.7513		1.632		16.457	5.4857		1.654	
7	4.845		.106			5.768		.111		
	4.739		.108			5.657		.112		
	4.631		.214			5.545		.223		
	14.215	4.7383		1.846		16.970	5.6567		1.877	
8	4.835		.163			9.840		.163		
	4.672		.161			9.677		.163		
	4.511		.324			9.514		.326		
	14.018	4.6727		2.170		29.031	9.6770		2.203	
9	9.685		.043			5.869		.039		
	9.642		.041			5.830		.039		
	9.601		.084			5.791		.078		
	28.928	9.6427		2.254		17.490	5.8300		2.281	
10	4.296		.151			6.720		.150		
	4.145		.151			6.570		.150		
	3.994		.302			6.420		.300		
	12.435	4.1450		2.556		19.710	6.5700		2.581	
		49.3477					63.4018			

F.B. 2878 P.G. 185

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.

checked

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:45 - 2:25 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 201-87 To BM 201-86
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals
11	4.023	49.3477	.144	2.556		6.300	63.4018	.150	2.581
	3.879		.148			6.150		.150	
	3.731		.292			6.000		.300	
	11.633	3.8777		2.848		18.450	6.1500		2.881
12	5.598		.147			3.282		.147	
	5.451		.146			3.135		.147	
	5.305		.293			2.988		.294	
	16.354	5.4513		3.141		9.405	3.1350		3.175
13	8.082		.152			2.202		.135	
	7.930		.148			2.067		.136	
	7.782		.300			1.931		.271	
	23.794	7.9313		3.441		6.200	2.0667		3.446
14	7.461		.055		#19	1.410		.050	
	7.406		.055			1.360		.050	
	7.351		.110			1.310		.100	
	22.218	7.4060		3.551	102°	4.080	1.3600		3.546
		74.0140					76.1135		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 201-87
To B.M. 201-86

Total Backsights = + 74.0140
Total Foresights = − 76.1135
Diff. Elev. = − 2.0995

Backsight stadia = 3.551
Foresight Stadia = 3.546
Total Stadia = 7.097
= .45 mi.

BM 201-86
Sierra Hwy (U.S. #6) at
Johnson Rd.
See F.B. 2846-61

F.B. 2846 P.G. 186

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:55 - 11:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301-02
From BM 201-87 To BM 201-85
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
										BM 201-87
										Sierra Hwy (U.S. #6) 0.3mi
										W. of Agua Dulce Canyon Rd
1	2.743		.116		#19	6.933		.121		See F.B. 2846-63
	2.628		.116			6.812		.121		T. Maldonado
	2.512		.231			6.691		.242		
	7.883	2.6277		.231	90°	20.436	6.8120		.242	
	4.502		.130			6.562		.132		
2	4.372		.130			6.430		.132		
	4.242		.260			6.298		.264		
	13.116	4.3720		.491		16.290	6.4300		.506	
	4.019		.130			6.862		.131		
3	3.889		.129			6.731		.131		
	3.760		.259			6.600		.262		
	11.668	3.8893		.750		17.193	5.7310		.968	
	4.947		.149			6.687		.148		
4	4.798		.149			6.539		.146		
	4.649		.298			6.393		.294		
	14.394	4.7980		.1046		16.619	5.5397		1.022	
	4.628		.142			6.590		.149		
5	4.486		.144			5.441		.149		
	4.342		.286			6.292		.298		
	13.456	4.4853		1.334		16.323	5.4410		1.360	
		20.1723					28.9537			

F.B. 2846 P.G. 17

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 Clear — Inst. No. 15066
Notes by F. E. Brooks — Time 10:55 - 11:15 — Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 201-87 To BM 202-25
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.790	20.1923	.150	1.334		6.620	28.9539	.147	1.360	
L	4.640		.147			6.373		.143		
	4.493		.297			6.230		.290		
	13.923	4.6410		1.631		16.123	5.3743		1.650	
	4.577		.108			6.499		.111		
7	4.469		.107			5.388		.113		
	4.362		.215			6.275		.224		
	13.408	4.4693		1.846		16.162	5.3873		1.874	
	4.707		.161		#19	9.711		.163		BM 202-25
8	4.542		.161			9.548		.164		Sierra Hwy (U.S. #6) at
	4.381		1.322			9.384		.327		Agua Dulce Canyon Rd.
	13.626	4.5420		2.168	90°	28.643	9.5477		2.201	See F.B. 2878-145
		33.8246					49.2630			

F.B. 1878 PG. 188

Summation of Run
From B.M. 201-87
To B.M. 202-25

Total Backsights = + 33.8246
Total Foresights = − 49.2630
Diff. Elev. = − 15.4384
Backsight stadia = 2.168
Foresight Stadia = 2.291
Total Stadia = 4.459
= .229 m.

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.

checked

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear Inst. No. 15066
Notes by R. E. Brooks Time 1130 - 1145 Rod No. 19-26

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-25 To BM 201-67
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.142		.162			4.638		.161		BM 202-25
	9.480		.162			4.477		.165		Sierra Hwy (U.S. #6) at
1	9.318		.324			4.312		.326		Agua Dulce Canyon Rd.
	28.440	9.4800		.324		13.427	4.4757		.326	See F.B. 2878 - 145
	6.666		.114			4.741		.104		
	6.552		.111			4.637		.108		T Maldonado
2	6.441		.225			4.529		.212		
	16.659	5.5530		.549		13.907	4.6357		.538	
	6.540		.143			4.811		.150		
	6.397		.146			4.661		.148		
3	6.251		.289			4.513		.298		
	16.188	6.3960		.838		13.985	4.6617		.836	
	6.498		.148			4.537		.144		
	6.350		.150			4.393		.143		
4	6.200		.298			4.250		.287		
	16.048	6.3493		1.136		13.180	4.3933		1.123	
	6.612		.143			4.872		.150		
	6.469		.147			4.722		.149		
5	5.322		.290			4.577		.299		
	16.403	5.4677		1.426		14.167	4.7223		1.422	
		31.2460					22.6857			

F.B. 1178 P.G. 189

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:30 - 1:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-25 To BM 201-87
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.717	31.2460	.130	1.426		3.872	22.8887	.130	1.422	
	5.587		.134			3.742		.131		
	5.453		.264			3.611		.261		
	16.757	5.5857		1.690		11.230	3.7433		1.683	
7	5.790		.132			4.732		.130		
	5.658		.135			4.602		.130		
	5.523		.267			4.472		.260		
	16.971	5.6570		1.957		13.806	4.6020		1.943	
8	7.479		.120		#19	3.290		.117		BM 201-87
	7.359		.119			3.173		.115		Sierra Hwy (U.S. #6)
	7.240		.239			3.058		.232		0.3 mi. W. of Agua Dulce
	22.078	7.3593		2.196	100°	9.521	3.1737		2.175	Canyon Rd. See F.B. 2846-63
		49.8480					34.4077			

Summation of Run
From B.M. 202-25
To B.M. 201-87
Total Backsights = + 49.8480
Total Foresights = − 34.4077
Diff. Elev. = + 15.4403
Backsight stadia = 2.196
Foresight Stadia = 2.175
Total Stadia = 4.371
= .2[illegible] mi.

F.B. 2878 P.G. 190

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:15 - 11:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-25 To BM 202-26
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.871		.156		#19	11.728		.146		BM 202-25
	6.713		.155			11.582		.143		Sierra Hwy U.S. #6 at Agua
1	6.658		.313			11.439		.289		Dulce Canyon Rd.
	20.142	6.7140		313	90°	34.749	11.5830		.289	See F.B. 2878-145
	0.630		.122			6.359		.112		T Maldonado
	0.508		.121			6.247		.116		
2	0.387		.243			6.131		.228		Summation of Run
	1.525	0.5083		.556		18.737	6.2457		.517	From B.M. 202-25
	3.392		.152			10.198		.155		To B.M. 202-26
	3.240		.152			10.043		.153		Total Backsights = + 13.4213
3	3.088		.304			9.890		.308		Total Foresights = - 34.0031
	9.720	3.2400		.860		30.131	10.0437		.825	Diff. Elev. = - 20.5818
	3.011		.052		#19	6.202		.071		BM 202-26
	2.959		.052			6.131		.072		Agua Dulce Canyon Rd at
4	2.907		.104			6.059		.143		Church of Agua Dulce
	8.877	2.9590		.964	90°	18.392	6.1307		.968	See F.B. 2878-146
										Backsight stadia = .964
										Foresight Stadia = .968
										Total Stadia = 1.932
										.12 mi.
		13.4213					34.0031			

F.B. 2878 P.G. 21

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:10 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-26 To BM 202-25
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.053		.060		#19	2.821		.061		BM 202-26
	5.993		.060			2.820		.061		Agua Dulce Canyon Rd at
1	5.933		.120			2.759		.122		Church of Agua Dulce
	17.979	5.9930		.120	102°	8.460	2.8200		.122	See F.B. 2878-146
	10.107		.155			3.304		.154		T Maldonado
	9.952		.152			3.150		.152		
2	9.800		.307			2.998		.306		Summation of Run
	29.859	9.9530		.427		9.452	3.1507		.428	From B.M. 202-26
										To B.M. 202-25
	6.197		.117			0.463		.121		
	6.080		.173			0.342		.122		Total Backsights = + 33.5896
3	6.969		.230			0.220		.243		Total Foresights = − 13.0054
	18.244	6.0813		.657		1.025	0.3419		.671	Diff. Elev. = + 20.5842
	11.707		.146			6.850		.158		BM 201-25
	11.561		.142			6.692		.155		Sierra Hwy (U.S. #6) at
4	11.419		.288			6.537		.313		Agua Dulce Canyon Rd.
	34.687	11.5623		.945		20.079	6.6930		.984	See F.B. 2878-145
										Backsight stadia = .945
										Foresight Stadia = .984
										Total Stadia = 1.929 = .12 mi.
		39.5896					13.0054			

F.B. 2878 P.G. 142

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0-301.02
From BM 202-26 To BM 202-27
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.090		.083		#19	11.262		.085		BM 202-26
	2.007		.085			11.177		.086		Agua Dulce Canyon Rd at
	1.922		.168			11.091		.171		Church of Agua Dulce
	6.019	2.0063		.168	90°	33.530	11.1767		.171	See F.B. 2878-146
										BM 202-27
										Agua Dulce Canyon Rd at
										Church of Agua Dulce
										See F.B. 2878-146
										T Maldonado
										Summation of Run
										From B.M. 202-26
										To B.M. 202-27
										Total Backsights = + 2.0063
										Total Foresights = − 11.1767
										Diff. Elev. = −9.1704
										Backsight stadia = .168
										Foresight Stadia = .171
										Total Stadia = .339
										= .02 mi.

F.B. 2878 P.G. 143

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:05- Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-27 To BM 202-26
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11.184		.085		#19	2.012		.082		BM 202-27
	11.099		.087			1.930		.083		Agua Dulce Canyon Rd at
	11.012		.172			1.847		.166		Church of Agua Dulce
	33.295	11.0983		.172	102	5.789	1.9297		166	See F.B. 2878-146
										BM 202-26
										Agua Dulce Canyon Rd at
										Church of Agua Dulce
										See F.B. 2878-146
										T Maldonado
										Summation of Run
										From B.M. 202-27
										To B.M. 202-26
										Total Backsights = + 11.0983
										Total Foresights = — 1.9297
										Diff. Elev. = + 9.1686
										Backsight stadia = .172
										Foresight Stadia = .166
										Total Stadia = .338
										= .02 mi.

F.B. 2878 PG. 194

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:30 – 1:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-27 To BM 202-28
Date 10 Aug 1962
Indexed S. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.741		.073		#19	8.929		.075		BM 202-27
1	0.668		.070			8.854		.074		Agua Dulce Canyon Rd at
	0.598		.143			8.780		.149		Church of Agua Dulce
	2.007	0.6690		.143	90°	26.563	8.8543		.149	See F.B. 2878-146
	1.429		.091			8.796		.091		& Cook
2	1.338		.091			8.705		.090		
	1.247		.182			8.615		.181		
	4.014	1.3380		.325		26.116	8.7053		.330	
	2.133		.092			8.232		.092		
3	2.041		.092			8.140		.090		
	1.949		.184			8.050		.182		
	6.123	2.0410		.519		24.422	8.1407		.512	
	1.680		.124			9.547		.120		
4	1.556		.125			9.427		.119		
	1.431		.249			9.308		.239		
	4.667	1.5557		.768		28.282	9.4273		.751	
	1.709		.094			9.620		.090		
5	1.615		.094			9.530		.090		
	1.521		.188			9.440		.180		
	4.845	1.6150		.956		28.590	9.5300		.931	
		7.2187					44.6576			

F.B. 1878 P.G. 195

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 Clear Inst. No. 16066
Notes by F. E. Brooks Time 11:30 - 1:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-29 To BM 202-28
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.468	7.2187	.146	.956		9.069	44.6596	.136	.931	
	1.322		.144			8.933		133		
6	1.178		.290			8.800		.269		
	3.968	1.3227		1.246		26.802	8.9340		1.200	
	3.070		.148			8.402		.161		
	2.922		.150			8.241		.161		
7	1.772		.298			8.080		.322		
	8.764	2.9213		1.544		24.723	8.2410		1.522	
	2.703		.164			7.382		.157		
	2.539		.165			7.225		.156		
8	2.374		.329			7.069		.313		
	7.616	2.5387		1.873		21.676	7.2253		1.835	
	3.309		.161			7.007		.156		
	3.148		.158			6.851		.152		
9	2.990		.319			6.699		.308		
	9.447	3.1490		2.192		20.557	6.8523		2.143	
	3.191		.148			6.260		.165		
	3.043		.150			5.095		.165		
10	2.893		.298			4.930		.330		
	9.127	3.0423		2.490		15.285	5.0950		2.473	
		20.1927					81.2052			

F.B. 1878 PG. 196

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:30 - 1:20 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-27 To BM 202-28
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	5.193	20.1927	.153	2.490		6.692	21.0052	.161	2.473	
	5.040		.157			6.531		.159		
	4.883		.310			6.372		.320		
	15.116	5.0387		2.800		19.595	6.5317		2.793	
12	2.692		.159		419	7.135		.156		1 hr for lunch.
	2.533		.155			6.980		.153		
	2.378		.314			6.827		.308		
	7.603	2.5343		3.114	90°	20.942	6.9807		3.101	
13	2.811		.151			7.311		.153		
	2.660		.155			7.158		.157		
	2.505		.306			7.001		.310		
	7.976	2.6587		3.420	94°	21.470	7.1567		3.411	
14	2.570		.152			6.660		.150		
	2.418		.155			6.510		.150		
	2.263		.307			6.360		.300		
	7.251	2.4170		3.727		19.530	6.5100		3.711	
15	2.898		.156			7.662		.153		
	2.742		.153			7.509		.157		
	2.589		.309			7.352		.310		
	8.229	2.7430		4.036		22.523	7.5077		4.021	
		35.5844					115.6922			

F.B. 1578 P.G. 127

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:30 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-27 To BM202-28
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	2.529	35.5844	.157	4.036		7.143	115.6920	.153	4.021	
	2.372		.153			6.990		.152		
	2.219		.310			6.838		.305		
	7.120	2.3733		4.346		20.971	6.9903		4.326	
17	3.681		.158			6.515		.153		Summation of Run From B.M. 202-27 To B.M. 202-28
	3.523		.155			6.362		.151		
	3.368		.313			6.211		.304		
	10.572	3.5240		4.659		19.088	6.3627		4.630	
18	4.938		.050		#19	2.942		.055		BM 202-28 Agua Dulce Canyon Rd. at house # 34236 See F.B. 2878-147
	4.880		.056			2.887		.057		
	4.824		.114			2.830		.112		
	14.642	4.8807		4.773	94°	8.659	2.8863		4.742	
										Total Backsights = + 46.3624
										Total Foresights = − 131.9313
										Diff. Elev. = − 85.5689
										Backsight stadia = 4.773
										Foresight Stadia = 4.742
										Total Stadia = 9.515
										= .60 mi.
		46.3624					131.9313			

F.B. 1878 PG. 198

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:40 - 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-28 To BM 202-27
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.871		.056		#19	4.868		.059		BM 202-28
	2.815		.056			4.809		.058		Agua Dulce Canyon Rd. at
1	2.759		.112			4.751		.117		house # 34326
	8.445	2.8150		.112	96°	14.428	4.8093		.117	See F.B. 2878-147
	6.161		.153			3.324		.155		
	6.008		.154			3.169		.158		T Beck
2	5.854		.307			3.011		.313		
	18.023	6.0077		.419		9.504	3.1680		.430	
	2.041		.151			2.428		.158		
	6.890		.151			2.270		.157		
3	6.739		.302			2.113		.315		
	20.670	6.8900		.721		6.811	2.2703		.745	
	7.425		.154			2.661		.156		
	7.271		.151			2.505		.156		
4	7.120		.305			2.349		.312		
	21.816	7.2720		.1026		7.515	2.5050		.1057	
	6.558		.150			2.468		.153		
	6.408		.153			2.315		.155		
5	6.255		.303			2.160		.308		
	19.221	6.4070		1.329		6.943	2.3143		1.365	
		19.3917					15.0669			

F.B. 1877 P.G. 199

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:40 – 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-28 To BM 202-27
Date 14 Aug 1962
Indexed C. J. GALLI

F.B. 1518 PG 100

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.351	29.3917	.156	1.329		2.850	15.0669	.151	1.365	
	7.195		.155			2.699		.156		
	7.040		.311			2.544		.306		
	21.586	7.1953		1.640		8.093	2.6977		1.671	
7	7.228		.147			2.801		.170		
	7.081		.143			2.631		.169		
	6.938		.290			2.462		.339		
	21.247	7.0823		1.930		7.894	2.6313		2.010	
8	6.568		.173			5.048		.141		
	6.395		.174			4.902		.142		
	6.221		.347			4.760		.288		
	19.184	6.3947		2.277		14.710	4.9033		2.298	
9	4.981		.159			2.930		.158		
	4.822		.156			2.772		.157		
	4.666		.315			2.615		.315		
	14.469	4.8230		2.592		8.317	2.7723		2.613	
10	6.704		.156			3.008		.160		
	6.548		.154			2.848		.160		
	6.394		.310			2.688		.320		
	19.646	6.5487		2.902		8.544	2.8480		2.933	
		21.4357					30.9185			

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40 – 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM L02-28 To BM L02-27
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.399	11.4357	.158	2.902		2.715	30.9195	.166	2.933	
	7.241		.160			2.550		.161		
	7.081		.318			2.389		.326		
	21.721	7.2403		3.220		7.654	2.5513		3.259	
12	8.489		.165			3.149		.146		
	8.324		.163			5.003		.144		
	8.161		.328			2.859		.290		
	24.974	8.3247		3.548		9.011	3.0037		3.549	
13	9.151		.135			1.551		.143		
	9.016		.136			1.408		.147		
	8.880		.271			1.261		.290		
	27.047	9.0157		3.819		4.220	1.4067		3.839	
14	9.249		.090			1.336		.096		
	9.159		.090			1.240		.092		
	9.069		.180			1.148		.188		
	27.477	9.1590		3.999		3.724	1.2413		4.027	
15	9.456		.120			1.588		.122		
	9.336		.120			1.466		.124		
	9.276		.240			1.342		.246		
	28.008	9.3360		4.239		4.396	1.4653		4.293	
		104.5114					40.5878			

F.B. 1170 P.G. 201

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-28 To BM 202-27
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.934	104.5114	.092	4.239		1.839	40.5878	.095	4.273	
	7.842		.092			1.744		.095		
	7.750		.184			1.649		.190		
	23.526	7.8420		4423		5.232	1.7440		4.413	
17	9.129		.101			1.741		.083		Summation of Run
	9.028		.100			1.658		.083		From B.M. 202-28
	8.928		.201			1.575		.166		To B.M. 202-27
	27.085	9.0283		4624		4.974	1.6580		4.629	
18	8.728		.075		#19	0.541		.073		BM 202-27
	8.653		.072			0.468		.072		Agua Dulce Canyon Rd
	8.581		.147			0.396		.145		at Church of Agua Dulce
	25.962	8.6540		4.771	106°	1.405	0.4683		4.774	See F.B. 2878-146
										Total Backsights = + 130.0357
										Total Foresights = − 44.4581
										Diff. Elev. = + 85.5776
										Backsight stadia = 4.771
										Foresight Stadia = 4.774
										Total Stadia = 9.545
										.60 mi.
		130.0357					44.4581			

F.B. 2878 PG. 102

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:25-2:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-28 To BM 202-28
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.318		.117		#19	5.838		.119		BM 202-28
	1.201		.119			5.711		.116		Agua Dulce Canyon Rd at
1	1.082		.236			5.595		.235		house #34326
	3.601	1.2003		.236	94°	17.136	5.7120		.235	See F.B. 2878-147
	4.265		.146			5.720		.151		
	4.119		.150			5.569		.148		T Beck
2	3.969		.296			5.421		.299		
	12.353	4.1177		.532		16.710	5.5700		.534	
	5.975		.147			5.399		.149		
	5.828		.148			5.250		.150		
3	5.680		.295			5.100		.299		
	17.483	5.8277		.827		15.749	5.2497		.833	
	3.899		.151			7.075		.146		
	3.748		.149			6.929		.148		
4	3.599		.300			6.781		.294		
	11.246	3.7487		1.127		20.785	6.9283		1.127	
	3.532		.153			8.620		.150		
	3.379		.149			8.470		.149		
5	3.230		.302			8.321		.299		
	10.141	3.3803		1.429		25.411	8.4703		1.426	
		18.2747					31.9383			

F.B. 2878 P.G. 147

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:25 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-28 To BM 202-29
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	2.748	18.2747	.149	1.489		8.211	31.9303	.143	1.426	
	2.599		.149			8.068		.147		
	2.450		.298	2		7.921		.290		
	7.797	2.5990		1.787		24.200	8.0667		1.716	
7	3.029		.147			7.158		.149		
	1.882		.144			7.009		.149		
	2.738		.291	201		6.860		.298		
	8.649	2.8830		1.998		21.027	7.0090		2.014	
8	3.405		.146			7.150		.149		
	3.259		.149			7.001		.150		
	3.110		.295	31		6.851		.299		
	9.774	3.2580		2.293		21.002	7.0007		2.313	
9	5.049		.149			4.935		.150		
	4.900		.150			4.785		.146		
	4.750		.299	61		4.639		.296		
	14.699	4.8997		2.592		14.359	4.7863		2.609	
10	4.849		.149			5.691		.146		
	4.700		.149			5.545		.146		
	4.551		.298	91		5.399		.292		
	14.100	4.7000		2.890		16.635	5.5450		2.901	
		36.6144					44.3380			

F.B. 1818 PG. 204

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 1:25 - 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-28 To BM 202-29
Date 10 Aug. 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	3.812	3.6144	.150	2.890		6.440	6.3380	.150	2.901	
	3.662		.150			6.290		.148		
	3.542		.300			6.142		.198		
	10.986	3.6620		3.190		18.872	6.2907		3.199	
12	5.749		.149			6.100		.150		Summation of Run From B.M. 202-28 To B.M. 202-29
	6.100		.150			4.950		.150		
	6.460		.299	5.489		4.800		.300		
	16.799	5.5997		3.499		14.850	4.9500		3.499	
13	5.862		.071		#19	1.492		.064		BM 202-29 Agua Dulce Canyon Rd at house # 33865 see F.B. 2878-148
	5.791		.069			1.428		.066		
	5.722		.140	3.629	94°	1.362	1.4273	.130	3.629	
	17.375	5.7917				4.282				

Total Backsights = + 51.6678
Total Foresights = − 77.0060
Diff. Elev. = − 25.3382

F.B. 2878 P.G. 2-5

Backsight stadia = 3.629
Foresight Stadia = 3.629
Total Stadia = 7.258
= .46 mi.

51.6678 77.0060

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:10 - 10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-29 To BM 202-28
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.401		.065		#19	5.770		.069		BM 202-29
1	1.336		.065			5.701		.070		Agua Dulce Canyon Rd
	1.271		.130			5.631		.139		at house # 33865
	4.008	1.3360		.130	96°	17.102	5.7007		.139	See F.B. 2878 - 148
	4.822		.148			5.471		.150		T Cook
2	4.674		.151			5.321		.150		
	4.523		.299			5.171		.300		
	14.019	4.6730		.429		15.963	5.3210		.439	
	6.893		.145			4.273		.151		
3	6.748		.146			4.122		.148		
	6.602		.291			3.974		.299		
	20.243	6.7477		.720		12.369	4.1230		.738	
	5.669		.149			4.822		.145		
4	5.520		.150			4.675		.147		
	5.370		.299			4.528		.292		
	16.559	5.5197		1.019		14.025	4.6750		1.032	
F.B. 2878 P.G. 206	4.988		.148			5.103		.148		
5	4.840		.148			4.955		.148		
	4.692		.296			4.807		.296		
	14.520	4.8400		1.315		14.865	4.9550		1.324	
		23.1164					24.7747			

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
Notes by F. E. Brooks
Weather Clear
Time 10:10 - 10:40
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-29 To BM 202-28
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	7.263	23.1164	.150	1.315		3.506	24.9747	.146	1.328	
	7.103		.147			3.360		.147		
	6.956		.297			3.213		.293	21	
	21.312	7.1040		1.612		10.079	3.3597		1.619	
7	7.194		.148			3.068		.148		
	7.046		.147			2.920		.148		
	6.899		.295			2.772		.296	7	
	21.139	7.0463		1.907		8.760	2.9200		1.915	
8	8.079		.147			2.609		.148		
	7.932		.146			2.461		.150		
	7.786		.293			2.311		.298	5	
	23.797	7.9323		2.200		7.381	2.4603		2.213	
9	8.349		.149			3.258		.148		
	8.200		.149			3.110		.147		
	8.051		.298			2.963		.295	10	
	24.600	8.2000		2.498		9.331	3.1103		2.508	
10	7.339		.149			4.153		.146		
	7.190		.148			4.007		.148		
	7.042		.297			3.859		.294	4	
	21.571	7.1903		2.795		12.019	4.0063		1.802	
		60.5893					40.6313			

F.B. 2178 P.G. 207

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 - 10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-29 To BM202-28
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	5.496	60.6893	.148	2.795		6.077	40.6313	.147	2.802	
	5.348		148			5.930		.149		
	5.200		.296			5.781		.296		
	16.044	5.3480		3.091		17.788	5.9293		3.098	
12	5.970		.149			4.513		.144		Summation of Run From B.M. 202-29 To B.M. 202-28
	5.821		.149			4.369		.148		
	5.672		.298			4.221		.292		
	17.463	5.8210		3.389		13.103	4.3677		3.392	
13	6.283		.118		#19	1.770		.118		BM 202-28
	6.165		.116			1.652		.118		Aqua Dulce Canyon Rd at
	6.049		.234			1.534		.236		house # 34236
	18.497	6.1657		3.623	96°	4.956	1.6520		3.626	See F.B. 2078-147
										Total Backsights = + 77.9240
										Total Foresights = − 52.5803
										Diff. Elev. = + 25.3437
										Backsight stadia = 3.623
										Foresight Stadia = 3.626
										Total Stadia = 7.249
		77.9240					52.5803			

F.B. 2078 PG 209

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 2:15 - 2:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-29 To BM 202-30
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	0.740		.080		#19	5.798		.081		BM 202-29
	0.660		.078			5.717		.084		Agua Dulce Canyon Rd
	0.582	✓	.158			5.633	✓	.165		at house # 33865
	1.982	0.6607		.158	94°	11.148	5.7160		165	see F.B. 2878-148
2	4.030		.152			7.491		.152		
	3.878		.151			7.339		.156		T Maldonado
	3.727	✓	.303			7.183	✓	.308		
	11.635	3.8783		.461		22.013	7.3377		.473	
3	2.751		.153			6.987		.156		
	2.598		.157			6.831		.153		
	2.441	✓	.310			6.678	✓	.309		
	7.790	2.5967		.771		20.496	6.8320		.782	
4	3.973		.154			7.619		.146		
	3.819		.151			7.473		.142		
	3.668	✓	.305			7.331	✓	.288		
	11.460	3.8200		1076		22.423	7.4743		1.090	
5	3.227		.154			7.019		.151		
	3.073		.151			6.868		.152		
	2.922		.305			6.716	✓	.303	✓	
	9.222	3.0740		1.381		20.603	6.8677		1.373	
		14.0297	✓				34.8877	✓		

F.B. 2878 P.G. 209

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 2:15 - 2:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-29 To BM 202-30
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	3.467	14.0297	.160	1.381		8.319	34.2277	.152	1.373	
	3.307		.160			8.167		.156		
	3.147		.320			8.011		.308		
	9.921	3.3076		1.701		24.497	8.1657		1.681	
7	2.819		.156			6.259		.158		Summation of Run
	2.663		.153			6.101		.162		From B.M. 202-29
	2.510		.309			5.939		.320		To B.M. 202-30
	7.992	2.6640		2.016		18.299	6.0997		2.001	Total Backsights = + 38.0700
8	5.358		.159			4.382		.154		Total Foresights = - 60.7741
	5.199		.158			4.228		.157		Diff. Elev. = - 22.6641
	5.041		.307			4.071		.311		
	15.598	5.1993		2.327		12.681	4.2270		2.312	Backsight stadia = 2.829
9	6.930		.157			3.498		.157		Foresight Stadia = 2.834
	6.773		.154			3.341		.154		Total Stadia = 5,663
	6.619		.311			3.187		.311		= .36 mi
	20.322	6.7740		2.638		10.026	3.3420		2.623	
10	6.191		.094		#19	4.778		.107		BM 202-30
	6.097		.097			4.671		.104		Agua Dulce Canyon Rd. at
	6.000		.191			4.567		.211		Bldg. #33618
	18.288	6.0960		2.829	92°	14.016	4.6720		2.854	See F.B. 2878-149
		38.0700					60.7741			

F.B. 2878 P.G. 210

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:40 - 10:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301,02
From BM 202-30 To BM 202-29
Date 14 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	4.174		.104		#19	6.590		.097		BM 202-30
	4.070		.108			5.493		.094		Agua Dulce Canyon Rd
	3.962		.212			6.399		.191		at Bold # 33618
	12.206	4.0687		.212	96°	16.482	5.4940		.191	See F.B. 2878-149
2	3.568		.157			6.998		.157		
	3.411		.159			6.841		.153		T Maldonado
	3.252		.316			6.688		.310		
	10.231	3.4103		.528		20.527	6.8423		.501	
3	4.231		.155			5.210		.159		
	4.076		.156			5.051		.161		
	3.920		.311			4.890		.320		
	12.227	4.0757		.839		15.151	5.0503		.821	
4	6.484		.154			3.047		.156		
	6.330		.156			2.891		.153		
	6.174		.310			2.738		.309		
	18.988	6.3293		1.149		8.676	2.8920		1130	
5	8.260		.152			3.770		.160		
	8.108		.156			3.250		.160		
	7.952		.308			3.090		.320		
	24.320	8.1067		1.457		9.750	3.2500		1.450	
		26.9907					23.5286			

F.B. 2878 P.G. 111

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:40 – 10:05 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-30 To BM 202-29
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
6	6.930	25.9907	.152	1.457		3.139	23.5286	.152	1.450	
	6.778		.151			2.987		.155		
	6.627		.303			2.832		.307		Summation of Run
	20.335	6.7783		1.760		8.958	2.9860		1.757	From B.M. 202-30
										To B.M. 202-29
7	6.299		.141			2.658		.154		
	6.158		.140			2.504		.157		Total Backsights = + 58.4383
	6.018		.281			1.347		.311		Total Foresights = – 35.7782
	18.475	6.1583		2.041		7.509	2.5030		2.068	Diff. Elev. = + 22.6601
8	6.831		.154			2.593		.153		
	6.677		.157			2.440		.152		Backsight stadia = 2.822
	6.520		.311			2.288		.305		Foresight Stadia = 2.827
	20.028	6.6760		2.352		7.321	2.4403		2.373	Total Stadia = 5.649
										= .36 mi.
9	7.460		.153			3.998		.151		
	7.307		.155			3.847		.150		
	7.152		.308			3.697		.301		
	21.919	7.3063		2.660		11.542	3.8473		2.674	
10	6.610		.082		#19	0.550		.078		BM 202-29
	6.528		.080			0.472		.075		Aqua Dulce Canyon Rd
	6.448		.162			0.397		.153		at house # 33865
	16.586	6.5287		2.822	96°	1.419	0.4730		1.817	See F.B. 2878-148
		58.4383					35.7782			

F.B. 2878 PG. 148

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 Clear Inst. No. 15066
Notes by E. E. Brooks Time 2140 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-30 To BM 202-31
Date 10 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.932		.094		#19	3.248		.109		BM 202-30
	6.838		.095			3.139		.107		Agua Dulce Canyon Rd at Bldg
1	6.743		1.189			7.032	1	.216		# 33618
	17.513	5.8377		189 ✓	92°	9.419	3.1397		.216	See F.B. 2878-149
										BM 202-31
										Agua Dulce Canyon Rd at
										Richfield gas station
										See F.B. 2878-149
										T Maldonado

Summation of Run
From B.M. 202-30
To B.M. 202-31

Total Backsights = + 5.8377 ✓
Total Foresights = − 3.1397 ✓
Diff. Elev. = + 2.6980 ✓

Backsight stadia = .189 ✓
Foresight Stadia = .216 ✓
Total Stadia = .406 ✓
= .03 mi.

F.B. 2878 P.G. 213

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.

0029

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-31 To BM 202-30
Date 14 Aug 1962
Indexed C. J. GARI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.040		.113		#19	5.722		.099		BM 202-31
	2.927		.116			5.623		.096		Agua Dulce Canyon Rd at
	2.811		.229			5.527		.195		Richfield gas Station
	8.778	2.9260		.229	96°	16.872	5.6240		.195	see F.B. 2878-149
										BM 202-30
										Agua Dulce Canyon Rd at
										Bldg # 33618
										see F.B. 2878-149
										T Maldonado
										Summation of Run
										From B.M. 202-31
										To B.M. 202-30
										Total Backsights = + 2.9260 ✓
										Total Foresights = — 5.6240 ✓
										Diff. Elev. = -2.6980 ✓
										Backsight stadia = 229 ✓
										Foresight Stadia = 195 ✓
										Total Stadia = 424 ✓
										= .03 mi. ✓

F.B. 2878 PG. 214

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 Humid Inst. No. 15066
Notes by Clark Time 11:40 - 12:00 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-31 To BM 202-32
Date 8-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7053		136		#19	1956		126		BM 202-31
	6917		137			1830		125		45 ft ± No. of Agua Dulce Canyon
	6780					1705				Rd. @ Richfield Service Station
	20.750	6.9167	273	273	98°	5491	1.8323	251	251	See F.B. 2878 - 149
2	9817		127			1944		125		
	9685		125			1819		127		T F.E. Brooks
	9560					1692				
	29.057	9.6857	252	525		5.455	1.8185	252	503	
3	4495		155			8624		149		
	4340		151			8475		148		
	4189					8327				
	13.024	4.341	306	831		25.426	8.4753	297	800	
4	1908		119			9574		125		
	1789		119			9449		127		
	1670					9322				
	5367	1.7890	238	1069		28345	9.4483	252	1052	
5	0599		128			7819		124		
	0471		126			7695		124		
	0345					7571				
	1.415	0.4717	254	1323		23085	7.6950	248	1300	
		23.2042					29.2672			

F.B. 2878 P.G. 2-15

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 E. E. Brooks Weather Humid Inst. No. 15066
Notes by Cook Time 11:40 – 12:00 Rod No 19 + 20

L.A. Co. Precise Level Net
Name
Job No. 0301.07
From BM 202-31 To BM 202-32
Date 8-15-62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	1290	23.2048	127	1323		6731	29.2672	121	1300	
	1163		123			6610		121		Summation of Run
	1040					6489				From B.M. 202-31
	3.493	1.1643	250	15.73		19.830	6.6100	242	1592	To B.M. 202-32
7	2122		122			6368		124		Total Backsights = + 34.409
	2000		122			6244		123		Total Foresights = – 60.0671
	1878					6121				Diff. Elev. = – 25.6571
	6.000	2.000	244	1817		18.733	6.2443	247	1789	
8	2668		122			6868		125		
	2546		124			6743		121		Backsight stadia = 2.480
	2422					6622				Foresight Stadia = 2.468
	7.636	2.6453	246	2063		20.233	6.7443	246	2035	Total Stadia = 4.948
9	2493		124			7515		125		= .31 mi.
	2369		126			7390		125		
	2243					7265				
	7.105	2.3683	250	2313		22.170	7.3900	250	2285	
10	3210		082		#19	3903		092		BM 202-32
	3128		085			3811		091		35'± W. of S. Agua Dulce Canyon Rd.
	3093					3720				124 ft.± So. of Darling Rd.
	9.381	3.1270	167	2480	100°	11.434	3.8113	183	2468	See F.B. 2878-151
		34.409					60.0671			

F.B. 1878 P.G. 216

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:40 - 11:05 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0501.02
From BM 202-32 To BM 202-31
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.896		.086		#19	3.212		.089		BM 202-32
	3.810		.089			3.123		.090		35± W. of Agua Dulce Canyon
1	3.721		.175			3.033		.179		Rd. & 124 ft.± So. E Darling Rd.
	11.427	3.8090		.175	96°	9.368	3.1227		.179	See F.B. 2888 - 151
	9.728		.126			2.756		.125		
	7.652		.124			2.631		.121		T Cook
2	7528		.250			2.510		.246		
	22.958	7.6527		.425		7.897	2.6323		.425	
	7.110		.121			2.911		.120		
	6.989		.121			2.791		.122		
3	6.868		.242			2.659		.242		
	20.967	6.9890		.667		8.371	2.7903		.667	
	6.869		.122			2.621		.121		
	6.747		.124			2.500		.121		
4	6.623		.246			2.379		.242		
	20.239	6.7463		.913		7.500	2.5000		.909	
	7.365		.122			1.924		.124		
	7.243		.121			1.800		.128		
5	7.122		.243			1.672		.252		
	21.730	7.2433		1.156		5.396	1.7987		1.161	
		27.4403					12.8440			

F.B. 2878 P.G. 2-17

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 P. E. Brooks — Weather Clear — Inst. No. 15066
Notes by E. E. Brooks — Time 10:40 - 11:05 — Rod No 19820

Name L.A. Co. Precise Level Net
Job No. 0801.02
From BM 202-32 To BM 202-31
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals
	8.276	32.4403	.126	1.156		1.052	12.8440	.124	1.161
	8.150		.125			0.928		.125	
6	8.025		.251			0.803		.249	
	24.451	8.1503		1.407		2.783	0.9277		1.410
	9.462		.124			1.800		.120	
	9.338		.126			1.680		.120	
7	9.212		.250			1.560		.240	
	28.012	9.3373		1.657		5.040	1.6800		1.650
	8.780		.150			4.646		.153	
	8.630		.150			4.493		.153	
8	8.480		.300			4.340		.306	
	25.890	8.6300		1.957		13.479	4.4930		1.956
	2.312		.123			10.183		.127	
	2.189		.127			10.056		.129	
9	1.062		.250			9.927		.256	
	6.563	2.1877		2.207		30.166	10.0553		2.212
	1.936		.128		419	7.028		.136	
	1.808		.128			6.892		.132	
16	1.680		.256			6.760		.268	
	5.424	1.8080		2.463	91°	20.680	6.8933		2.480
		62.5536					36.8933		

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 202-32
To B.M. 202-31

Total Backsights = + 62.5536
Total Foresights = − 36.8933
Diff. Elev. = + 26.6603

Backsight stadia = 2.463
Foresight Stadia = 2.480
Total Stadia = 4.943
= .31 mi.

BM 202-31
15 ft ± N.E of Agua Dulce Canyon Rd. @ Richfield Service Station
See F.B. 2878 - 149

F.B. 1878 P.G. 218

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 Humid Inst. No. 15066
Notes by Cook Time 1110 - 1175 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-32 To BM 202-33
Date 8-15-62
Indexed B. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0995		093		#19	6918		088		BM 202-32
	0902		092			6830		087		35'± W.E of Agua Dulce Canyon Rd
1	0810					6743				$1245ft± So. E of Darling Rd.
	2707	0.9023	185	185	100°	20491	6.8303	165	165	See F.B. 2878-151
	2590		113			6682		137		BM 202-33
	2477		116			6545		137		Agua Dulce Canyon Rd. S. side
2	2361					6408				of drive to house #33324
	7428	2.4760	229	414		19635	6.5450	764	429	See F.B. 2878-151
										T F.E. Brooks
										Summation of Run
										From B.M. 202-32
										To B.M. 202-33
										Total Backsights = 3.3783
										Total Foresights = 13.3753
										Diff. Elev. = -9.9970
										Backsight stadia = 414
										Foresight Stadia = 429
										Total Stadia = 843
										= .105 mi.
		3.3783					13.3753			

F.B. 2878 P.G. 219

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 E. E. Brooks Weather Clear Inst. No. 150,66
Notes by E. E. Brooks Time 10:35 - 10:40 Rod No. 19E20

L.A. Co. Precise Level Net
Name
Job No. 0201.02
From BM 202-33 To BM 202-32
Date 16 AUG 1962
Indexed C. J. GALLE

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	6.712		.141		#19	2.613		.111		BM 202-33
	6.571		.141			2.502		.109		Agua Dulce Canyon Rd. on So.
	6.430		.282			2.393		.220		side of Dr. to House #33324
	19.713	6.5710		.282	96°	7.508	2.5027		.220	See F.B. 2878 - 151
2	6.419		.088			0.491		.089		BM 202-32
	6.331		.090			0.402		.091		Agua Dulce Canyon Rd. on S.E. c
	6.241		.178			0.311		.180		of conc. pad to store #33355.
	18.991	6.3303		.460		1.204	0.4013		.400	See F.B. 2878 - 151
										T Maldonado
										Summation of Run
										From B.M. 202-33
										To B.M. 202-32
										Total Backsights = + 12.9013
										Total Foresights = - 2.9040
										Diff. Elev. = + 9.9973
F.B. 2878 PG. 220										Backsight stadia - .460
										Foresight Stadia .400
										Total Stadia .860
										= .05 mi
		12.9013					2.9040			

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 E. E. Brooks Weather Clear Inst. No. 15011
Notes by E. E. Brooks Time 1:15 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-32 To BM 202-31
Date 15 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	1.162		.119		#19	7.397		.118		BM 202-33
	1.033		.120			7.279		.117		Agua Dulce Canyon Rd at
1	0.913		.239			7.162		.235		house # 33324
	3.098	1.0327		.239	90°	21.838	7.2793		235	See F.B. 2878-151
										T Maldonado
	2.022		.149			7.309		.150		
	1.873		145			7.159		.148		
2	1.728		.294			7.011		.298		
	5.623	1.8743		.533		21.479	7.1597		.533	
	2.803		.146			6.750		.150		
	2.657		.149			6.600		.149		
3	2.508		.295			6.451		.299		
	7.968	2.6560		.828		19.801	6.6003		.832	
	4.890		150			3.607		.149		
	4.740		.148			3.458		.148		
4	4.592		.298			3.310		.297		
	14.222	4.7407		1.126		10.375	3.4583		1.129	
	6.673		.146			3.608		.150		
	6.527		.148			3.458		.149		
5	6.379		.294			3.309		.299		
	19.579	6.5263		1.420		10.375	3.4583		1.428	
		16.8300					17.9559			

F.B. 2878 P.G. 221

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 R. E. Brooks Weather Clear Inst. No. 15066
Notes by R. E. Brooks Time 1:15 - 1:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-33 To BM 202-34
Date 15 Aug 1962
Indexed C. I. GALLI

Number of Station	BACKSIGHT Thread 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	4.180	16.8300	.148	1.420		6.879	27.9559	.149	1.428	
	4.032		.148			6.780		.150		
	3.884		.296			6.580		.299		
	12.096	4.0320		1.716		20.189	6.7297		1.727	
7	2.103		.150			9.261		.148		
	1.953		.147			9.113		.146		
	1.806		.297			8.967		.294		
	5.862	1.9540		2.013		27.341	9.1137		2.021	
8	0.669		.120			8.243		.116		
	0.549		.119			8.127		.117		
	0.430		.239			8.010		.233		
	1.648	0.5493		2.252		24.380	8.1267		2.254	
9	1.464		.146			6.859		.148		
	1.318		.148			6.711		.151		
	1.170		.294			6.560		.299		
	3.952	1.3173		2.546		20.130	6.7100		2.553	
10	6.051		.148			6.581		.148		
	5.903		.145			6.433		.149		
	6.758		.293			6.284		.297		
	17.712	5.9040		1.839		19.298	6.4327		1.850	
		30.5827					15.0689			

F.B. 2878 P.G. 122

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 1:15 - 1:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-33 To BM 202-34
Date 15 Aug 1962
Indexed C. J. GAUM

Number of Station	BACKSIGHT Thread 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	3.810	30.5866	.148	2.839		4.431	25.0687	.149	2.850	
	3.662		.145			4.282		.145		
	3.517		.293			4.137		.294		
	10.989	3.6630		3.132		12.850	4.2833		3.144	
12	5.351		.123		#19	8.667		.139		BM 202-34
	5.228		.124			8.528		.139		Agua Dulce Canyon Rd. and
	6.104		.247			8.389		.278		Escondido Canyon Rd.
	15.683	5.2277		3.379	102°	25.584	8.5280		3.422	See F.B. 2878-152
										Summation of Run
										From B.M. 202-33
										To B.M. 202-34
										Total Backsights = + 39.4773
										Total Foresights = − 77.8800
										Diff. Elev. = − 38.4027
										Backsight stadia = 3.379
										Foresight Stadia = 3.422
										Total Stadia = 6.801
										= .43 mi.
		39.4773					77.8800			

F.B. 2878 P.G. 223

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 - 10:35 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM202-34 To BM202-33
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	8.650		.139		#19	5.333		.123		BM 202-34
	8.511		.139			5.210		.121		Agua Dulce Canyon Rd
	8.372		.278			5.089		.244		and Escondido Canyon Rd.
	25.533	8.5110		.278	92°	15.632	5.2107		.244	See F.B. 2878-152
2	4.439		.149			3.818		.149		
	4.290		.151			3.669		.148		T Maldonado
	4.139		.300			3.521		.297		
	12.868	4.2893		.578		11.008	3.6693		.541	
3	6.639		.149			6.107		.149		
	6.490		.151			5.958		.147		
	6.339		.300			5.811		.296		
	19.468	6.4893		.878		17.876	5.9587		.837	
4	6.720		.140			1.341		.155		
	6.580		.140			1.186		.156		
	6.440		.280			1.030		.311		
	19.740	6.5800		1.158		3.557	1.1857		1.148	
5	8.155		.117			0.578		.119		
	8.038		.119			0.459		.119		
	7.919		.236			0.340		.238		
	24.112	8.0373		1.394		1.377	0.4590		1.386	
		33.9069					16.[illegible]			

F.B. 2878 P.G. 224

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:10 - 10:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-34 To BM 202-33
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	9.198	33.9069	.148	1.394		2.039	16.4834	.148	1.386	
	9.050		.150			1.891		.148		
	8.900		.298			1.743		.296		
	27.148	9.0493		1.692		5.673	1.8910		1.682	
7	6.962		.145			4.267		.148		
	6.817		.149			4.119		.149		
	6.668		.294			3.970		.297		
	20.447	6.8157		1.986		12.356	4.1187		1.979	
8	3.802		.149			6.877		.150		
	3.653		.150			6.727		.150		
	3.503		.299			6.577		.300		
	10.958	3.6527		2.285		20.181	6.7270		2.279	
9	3.679		.148			4.963		.149		
	3.531		.148			4.814		.146		
	3.383		.296			4.668		.295		
	10.593	3.5310		2.581		14.445	4.8150		2.574	
10	6.990		.150			3.041		.149		
	6.840		.148			2.892		.145		
	6.692		.298			2.747		.294		
	20.527	6.8407		2.879		8.680	2.8933		2.868	
		63.7963					32.7284			

FB 1878 P.G. 423

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 Clear Inst. No. 15446
Notes by F. E. Brooks Time 10:10 - 10:35 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-34 To BM 202-33
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.322	63.7913	.149	2.879		2.039	36.9284	.149	2868	
	7.173		.146			1.890		.149		
	7.027		296			1.741		.298		
	21.522	7.1940		3.174		5.670	1.8900		3.166	
12	7.450		.118		#19	1.208		.121		BM 202-33
	7.332		.116			1.087		.121		Agua Dulce Canyon Rd at
	2.216		1.234			0.966		.242		house # 33324
	21.998	7.3327		3.408	96°	3.261	1.0870		3.408	See F.B. 2878-157
										Summation of Run
										From B.M. 202-34
										To B.M. 202-33
										Total Backsights = + 78.3030
										Total Foresights = − 39.9054
										Diff. Elev. = + 38.3976
										Backsight stadia = 3.4x8
										Foresight Stadia = 3.408
										Total Stadia = 6.826
										= .43 mi.
		78.3030					79.9054			

F.B. 2878 PG. 226

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:15-11:25 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BM 202-34 To BM 202-35
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	10.953		.056		#19	2.381		.060		BM 202-34
	10.897		.060			2.321		.060		Agua Dulce Canyon Rd
1	10.837		.116			2.261		.120		and Escondido Canyon Rd.
	32.687	10.8957		.116	96°	6.963	2.3210		.120	See F.B. 2878-152
	8.364		.125			4.320		.127		T Maldonado
	8.239		.126			4.193		.126		
2	8.113		.251			4.067		.253		Summation of Run
	24.716	8.2387		.367		12.580	4.1933		.373	From B.M. 202-34
										To B.M. 202-35
	3.811		.123			8.827		.120		
	3.688		.124			8.707		.117		Total Backsights = + 26.5111
3	3.564		.247			8590		.237		Total Foresights = - 20.8563
	11.063	3.6877		.614		26.124	8.7080		.610	Diff. Elev. = + 4.6548
	2.810		.121		#19	5.758		.125		BM 202-35
	2.689		.121			5.633		.122		Agua Dulce Canyon Rd.
4	2.568		.242			5.511		.247		on S. end of conc. Hd. Wall to Culvert
	8.067	2.6890		.856	96°	16.902	5.6340		.857	#4.11 See F.B. 2878-153
										F.B. 2878 PG 227
										Backsight Stadia = .856
										Foresight Stadia = .857
										Total Stadia = 1.713
		26.5111					20.8563			= 4.11 mi.

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: Clear Inst. No. 15066
Notes by: F. E. Brooks Time: 11:45 - 12:00 Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-35 To BM 202-34
Date: 20 Aug 1962
Indexed: C. J. GALLI

Number of Station	Backsight Thread Readings	Backsight Mean	Backsight Thread Intervals	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	5.730		.125		#19	2.792		.121		BM 202-35 Agua Dulce
	5.605		.123			2.671		.120		Canyon Rd. & So. end of Conc. Hdwls
	5.482		.248			2.551		.241		to Culvert #4.11
	16.817	5.6057		.248	96°	8.014	2.6713		.241	Sec F.B. 2878-153
2	9.020		.120			3.995		.124		T. Cook
	8.900		.120			3.871		.123		
	8.780		.240			3.748		.247		Summation of Run From B.M. 202-35
	26.700	8.9000		.488		11.614	3.8713		.488	To B.M. 202-34
3	4.456		.126			8.497		.126		
	4.330		.128			8.371		.122		Total Backsights = + 21.1810
	4.202		.254			8.249		.248		Total Foresights = - 25.8346
	12.988	4.3293		.742		25.117	8.3723		.736	Diff. Elev. = - 4.6536
4	7.404		.058		#19	10.978		.061		BM 202-34
	2.346		.058			10.917		.059		Agua Dulce Cayon Rd. &
	2.288		.116			10.858		.120		Escomdido Cayon Rd.
	7.038	2.3460		.858	96°	32.753	10.9177		.856	Sec F.B. 2878-152
		21.1810					25.8346			

Backsight stadia = 0.858
Foresight stadia = 0.856
Total stadia = 1.714
0.11 mi.

F.B. 2878 P.G. 228

26

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-35 To BM 202-36
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean (Dad 1.5)	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.331		.104		#19	1.551		.107		BM 202-35
	6.227		.106			1.444		.106		Agua Dulce Canyon Rd at
1	6.121		.210			1.338		.213		Culvert #4.11
	18.679	6.2263		.210	96°	4.333	1.4443		.213	See F.B. 2878-153
	9.001		.104			2.530		.108		T Maldonado
	8.897		.106			2.422		.104		
2	8.791		.210			2.318		.212		
	26.689	8.8963		.420		7.270	2.4233		.426	
	6.408		.151			6.531		.160		
	6.257		.153			6.371		.158		
3	6.104		.304			6.213		.318		
	18.769	6.2563		.724		19.115	6.3717		.743	
	6.669		.075			3.931		.073		
	5.594		.074			3.858		.075		
4	5.520		.149			3.783		.148		
	16.783	5.5943		.873		11.572	3.8573		.891	
	7.911		.072			1.717		.076		
	7.839		.071			1.641		.073		
5	7.768		.143			1.568		.149		
	23.518	7.8393		1.016		4.926	1.6420		1.040	
		34.8123					15.7386			

F.B. 1879 P.G. 22

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 P. E. Brooks Weather Clear Inst. No. Clear
Notes by P. E. Brooks Time 11:25 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-35 To BM 202-36
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.327	34.8125	.077	1.016		5.500	15.7386	.082	1.040	
	7.250		.078			5.418		.081		
	7.172		.155			5.337		.163		
	21.749	7.2497		1.171		16.255	5.4183		1.203	
7	3.029		.076			7.762		.072		
	2.953		.073			7.690		.075		
	2.880		.149			7.615		.147		
	8.862	2.9540		1.320		23.067	7.6890		1.350	
8	0.710		.095			9.861		.092		
	0.615		.095			9.769		.095		
	0.520		.190			9.674		.187		
	1.845	0.6150		1.510		29.304	9.7680		1.537	
9	0.618		.147			7.234		.144		
	0.521		.148			7.090		.148		
	0.373		.295			6.942		.292		
	1.512	0.5207		1.805		21.266	7.0887		1.829	
10	2.729		.150			7.988		.145		
	2.579		.150			7.843		.144		
	2.429		.300			7.699		.289		
	7.737	2.5790		2.105		23.530	7.8433		2.116	
		48.7309					53.5459			

F.B. 1378 P.G. 230

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:25 - 12:00 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 202-35 To BM 202-36
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	2.350	48.7309	.148	2.105		6.742	53.5459	.145	2.118	
	2.202		.144			6.597		.149		
	2.058		.292			6.448		.294		
	6.610	2.2033		2.397		16.787	5.5957		2.412	
12	4.698		.088			6.267		.089		Summation of Run
	4.610		.088			6.178		.088		From B.M. 202-35
	4.522		.176			6.090		.177		To B.M. 202-36
	13.830	4.6100		2.573		15.535	5.1783		2.589	
13	3.890		.080		#19	4.037		.089		BM 202-36
	3.810		.080			3.948		.089		Agua Dulce Canyon Rd
	3.730		.160			3.859		.178		at Culvert # 3.77
	11.430	3.8100		2.933	98°	11.844	3.9480		2.767	See F.B. 2878 - 165
										Total Backsights = + 59.3542
										Total Foresights = - 68.2679
										Diff. Elev. = - 8.9137
										F.B. 2878 P.G. 231
										Backsight stadia = 2.737
										Foresight stadia = 2.769
										Total = 5.500
										= .35 mi
		59.3542					68.2679			

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 E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:20 - 11:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-36 To BM 202-35
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	7.173		.081		#19	4.041		.087		BM 202-36
	4.092		.080			3.954		.085		Agr. Dulce Canyon Rd. at
	4.012		.161			3.869		.192		Culvert #377
	12.277	4.0923		.161	92°	11.864	3.9547		.172	See F.B. 2878 - 155
2	6.372		.089			4.802		.085		T Cook
	6.283		.089			4.715		.087		
	6.194		.178			4.628		.174		
	18.849	6.2830		.339		14.145	4.7150		.346	
3	6.909		.148			2.519		.149		
	6.761		.146			2.370		.148		
	6.615		.294			2.222		.297		
	20.285	6.7617		.633		7.111	2.3703		.643	
4	8.141		.150			2.872		.144		
	7.991		.148			2.728		.146		
	7.843		.298			2.582		.290		
	23.975	7.9917		.931		8.182	2.7273		.933	
5	7.156		.147			0.589		.147		
	7.009		.146			0.442		.144		
	1.863		.293			0.298		.291		
	21.028	7.0093		1.224		1.329	0.4430		1.225	
		30.1360					18.2103			

F.B. 1878 P.G. 132

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:20 – 11:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-36 To BM202-36
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	10.245	30.1380	.095	1.224		1.089	14.2103	.092	1.223	
	10.150		.095			0.997		.096		
	10.055		.190			0.901		.188		
	30.450	10.1500		1.414		2.987	0.9957		1.413	
7	8.427		.076			3.696		.076		
	8.351		.072			3.620		.077		
	8.279		.148			3.543		.153		
	25.057	8.3523		1.562		10.859	3.6197		1.565	
8	5.532		.083			7.356		.077		
	5.449		.081			7.279		.077		
	5.368		.164			7.202		.154		
	16.349	5.4497		1.726		21.837	7.2790		1.719	
9	1.923		.074			8.119		.071		
	1.849		.074			8.048		.073		
	1.775		.148			7.975		.144		
	5.547	1.8490		1.874		24.142	8.0473		1.863	
10	4.002		.073			5.738		.076		
	3.929		.074			5.662		.074		
	3.855		.147			5.588		.150		
	11.786	3.9287		2.021		16.988	5.6623		2.013	
		59.8677					59.8143			

F.B. 2878 P.G. 233

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 P. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:20–11:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-36 To BM 202-35
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	1.592	39.8677	.154	2.021		1.475	39.8143	.154	2.014	
	1.438		.158			1.321		.152		
	1.280		.312			1.169		.306		
	19.310	1.4367		2.333		18.965	1.3217		2.320	
12	2.828		.108			2.293		.103		Summation of Run From B.M. 202-36 To B.M. 202-35
	2.720		.109			2.190		.101		
	2.611		.217			2.089		.204		
	8.159	2.7197		2.550		27.572	9.1907		2.527	
13	1.657		.106		#19	1.441		.108		BM 202-35 Agua Dulce Canyon Rd. at Culvert #111 Sec F.B. 2898-153
	1.551		.104			1.333		.105		
	1.447		.210			1.228		.213		
	4.655	1.5517		2.773	96°	19.002	6.3340		2.773	
										Total Backsights = + 70.5758 Total Foresights = − 67.6617 Diff. Elev. = + 18.9141
										Backsight Stadia = 2.769 Foresight Stadia = 2.773 Total Stadia = 5.542 0.35 mi.
		70.5758					67.6617			

F.B. 2878 PG. 134

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 Clear Inst. No. 15CC
Notes by F. E. Brooks Time 1:05 - 1:40 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 202-36 To BM 202-37
Date 16 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.679		.107		#19	4.612		.102		BM 202-36
	4.572		.104			4.510		.101		Agua Dulce Canyon Rd.
1	4.468		.211			4.409		.203		at Culvert # 3.77
	13.719	4.5730		.211	100°	13.531	4.5103		.203	See F.B. 2878 - 155
	3.721		.121			3.352		.112		BM 202-37
	3.600		.121			3.240		.112		Agua Dulce Canyon Rd. and
2	3.479		.242			3.128		.224		Davenport Rd.
	10.800	3.6000		.453		9.720	3.2400		.427	See F.B. 2878 - 155
										T Maldonado
										Summation of Run From B.M. To B.M.
										Total Backsights = + 8.1730 Total Foresights = − 7.7503 Diff. Elev. = + 0.4227
										Backsight stadia = .453 Foresight Stadia = .427 Total Stadia = .880 = .06
		8.1730					7.7503			

F.B. 2878 P.G. 155

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:15 – 11:20 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-37 To BM 202-36
Date 20 Aug 1962
Indexed C. J. GAU

Number of Station	BACKSIGHT Thread 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	6.859		.109		#19	6.213		.102		BM 202-37
	6.750		.110			6.111		.101		Agua Dulce Canyon Rd. and
	6.640		1.219			6.010		.203		Davenport Rd.
	17.249	5.7497		.219	96°	18.334	6.1113		.203	See F.B. 2878 – 155
2	4.722		.102			4.788		.106		BM 202-36
	4.620		.102			4.682		.104		Agua Dulce Canyon Rd
	4.518		.204			4.578		.210		at Culvert # 3.77
	13.860	4.6200		.423		14.048	4.6827		.413	See F.B. 2878 – 155
										T = Cook
										Summation of Run From B.M. 202-37 To B.M. 202-36
										Total Backsights = + 10.3697 Total Foresights = – 10.7940 Diff. Elev. = – 0.4243
										Backsight stadia = 0.423 Foresight Stadia = 0.413 Total Stadia = 0.836 0.05 m.l.
		10.3697					10.7940			

F.B. 2878 PG. 23

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:05 – 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-37 To BM 202-38
Date 17 Aug 62
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.948		.150		#19	9.709		.161		BM 202-37
	0.798		.150			9.548		.160		Agua Duke Canyon Rd
1	0.648		.300			9.388		.321		and Davenport Rd.
	2.394	0.7980		.300	96°	28.645	9.5483		321	See F.B. 2878-155
	1.100		.109			8.451		.110		
	0.991		.110			8.341		.111		T Maldonado
2	0.881		.219			8.230		.221		
	2.972	0.9907		.519		25.022	8.3407		.542	
	1.880		.110			7.259		.108		
	1.770		.110			7.151		.110		
3	1.660		.220			7.041		.218		
	5.310	1.7700		.739		21.451	7.1503		.760	
	2.670		.121			7.064		.112		
	2.559		.109			6.952		.111		
4	2.450		.230			6.841		.223		
	7.679	2.5597		.959		20.857	6.9523		.883	
	2.498		.110			8.723		.110		
	2.388		.108			8.613		.110		
5	1.280		.218			8.503		.220		
	7.166	2.3887		1.177		25.839	8.6130		1.203	
		8.5071					30.6046			

F.B. 1372 P.G. 237

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10105 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-37 To BM 202-38
Date 17 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	1.890	8.5071	.110	1.177		8.197	40.6046	.110	1.203	
	1.780		.109			8.087		.109		
	1.671		.219			7.978		.219		
	5.341	1.7803		1.396		24.262	8.0873		1.422	
7	2.376		.146			7.422		.144		
	2.230		.147			7.278		.145		
	2.083		.293			7.133		.289		
	6.689	2.2297		1.689		21.833	7.2777		1.711	
8	4.227		.145			6.533		.145		
	4.082		.144			5.388		.147		
	3.938		.289			5.241		.292		
	12.247	4.0823		1.978		16.162	5.3873		2.003	
9	5.792		.144			6.680		.147		
	5.598		.146			6.533		.145		
	5.452		.290			6.388		.292		
	16.792	5.5973		2.268		19.601	6.5537		2.295	
10	1.599		.117			9.176		.104		
	1.482		.120			9.072		.101		
	1.362		.237			8.971		.205		
	4.443	1.4810		2.505		27.219	9.0730		2.500	
		23.6777					26.9636			

F.B. 2878 P.G. 238

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:05 - 11:10 Rod No 19 - 20

Name L.A. Co. Precise Level Net
Job No 0301.02
From BM 20L-37 To BM 20L-36
Date 17 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	0.828	23.6777	.110	2.505		9.632	76.9636	.109	2.500	
	0.718		.108			9.523		.105		
	0.610		.218			9.418		.214		
	2.156	0.7187		1.723		28.573	9.6243		2.714	
12	0.704		.108			10.435		.107		
	0.596		.109			10.328		.108		
	0.487		.217			10.220		.215		
	1.787	0.5953		2.940		30.983	10.3277		2.929	
13	1.592		.073			9.099		.071		
	1.519		.072			9.028		.072		
	1.447		.145			8.956		.143		
	4.558	1.5193		3.085		27.083	9.0277		3.072	
14	1.650		.072			9.318		.074		
	1.578		.071			9.244		.073		
	1.507		.143			9.171		.147		
	4.735	1.5783		3.228		27.733	9.2443		3.219	
15	0.978		.072			9.218		.076		
	0.906		.074			9.142		.072		
	0.832		.146			9.070		.148		
	2.716	0.9053		3.374		27.430	9.1433		3.367	
		29.994					124.2309			

F.B. 2878 P.G. 239

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 Clear Inst. No. 15061
Notes by F. E. Brooks Time 10:05 - 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-37 To BM 202-38
Date 18 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	1.048	28.9976	.075	3.374		9.343	9.2309	.073	3.367	
	0.973		.073			9.270		.073		
	0.900		.148			9.197		.146		
	2.921	0.9737		3.522		27.810	9.2700		3.513	
17	0.869		.072			9.961		.073		
	0.797		.074			9.888		.075		
	0.723		.146			9.813		.148		
	2.389	0.7963		3.668		29.662	9.8873		3.661	
18	0.714		.073			9.452		.074		
	0.641		.072			9.378		.075		
	0.569		.145			9.303		.149		
	1.924	0.6413		3.813		28.133	9.3777		3.810	
19	1.007		.075			9.143		.072		
	0.932		.072			9.071		.071		
	0.860		.147			9.000		.143		
	2.799	0.9330		3.960		27.214	9.0713		3.953	
20	1.719		.072			9.103		.070		
	1.647		.076			9.033		.070		
	1.571		.148			8.963		.140		
	4.937	1.6457		4.108		27.099	9.0330		4.093	
		33.9876					170.8702			

F.B. 2878 P.G. 246

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 Clear — Inst. No. 15061
Notes by F. E. Brooks — Time 10:05 - 11:10 — Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-37 To BM 202-38
Date 7 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
21	1.273	33.9842	.071	4.108		9.196	170.8702	.074	4.093	
	1.202		.071			9.121		.072		
	1.131		.142			9.049		.146		
	3.606	1.2020		4.250		27.365	9.1217		4.239	
22	1.758		.076			8.999		.071		Summation of Run From B.M. 202-37 To B.M. 202-38
	1.682		.072			8.928		.091		
	1.610		.148			8.857		.142		
	5.050	1.6833		4398		26.784	8.9280		4.381	
23	2.671		.052		#19	8.152		.048		BM 202-38
	2.619		.051			8.104		.046		Agua Dulce Canyon Rd
	2.568		.103			8.058		.094		0.58mi S. of Davenport Rd.
	7.858	2.6193		4.501	102°	24.314	8.1047		4.475	See F.B. 2878-157
										Total Backsights = + 39.4892
										Total Foresights = − 197.0246
										Diff. Elev. = −157.535
										Backsight Stadia = 4.501
										Foresight Stadia = 4.475
										Total Stadia = 8.976
										= .57mi
		39.4892					197.0246			

F.B. 2878 P.G. 24

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 – 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-38 To BM 202-37
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	8.167		.048		#19	1.683		.050		BM 202-38
	8.119		.048			1.633		.050		Agua Dulce Canyon Rd.
	8.071		.096	.096	92°	1.583		.100	.100	0.58 mi. S. of Davenport Rd
	24.357	8.1190				7.899	1.6330			See F.B. 2878-157
2	8.822		.071			1.521		.074		T Maldonado
	8.751		.071			1.507		.075		
	8.680		.142	.238		1.432		.149	.241	
	21.253	8.7510				4.520	1.5067			
3	9.029		.074			1.108		.070		
	8.955		.074			1.038		.072		
	8.881		.148	.386		0.966		.142	.391	
	26.865	8.9550				3.112	1.0373			
4	9.333		.072			1.948		.075		
	9.261		.070			1.873		.073		
	9.191		.142	.528		1.800		.148	.539	
	27.785	9.2617				5.621	1.8737			
5	9.171		.072			1.033		.072		
	9.099		.072			0.961		.072		
	9.027		.144	.672		0.889		.144	.683	
	27.297	9.0990				2.883	0.9610			
		44.1857					8.0117			

F.B. 2878 PG. 142

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 – 11:05 Rod No. 19-26

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-38 To BM 202-37
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	9.281	44.1857	.075	.672		0.548	8.0117	.075	.683	
	9.211		.093			0.473		.072		
	9.138		.148			0.401		.147		
	27.635	9.2183		.820		1.422	0.4740		.830	
7	9.937		.075			0.847		.075		
	9.862		.072			0.772		.073		
	9.790		.147			0.699		.148		
	29.589	9.8630		.967		2.318	0.7727		.978	
8	9.391		.073			1.093		.073		
	9.318		.075			1.020		.072		
	9.243		.148			0.948		.145		
	27.952	9.3173		1.115		3.061	1.0203		1.123	
9	8.987		.075			0.750		.073		
	8.912		.073			0.677		.074		
	8.839		.148			0.603		.147		
	26.738	8.9127		1.263		2.030	0.6767		1.270	
10	9.274		.073			1.608		.072		
	9.201		.073			1.536		.073		
	9.128		.146			1.463		.145		
	27.603	9.2010		1.409		4.607	1.5357		1.415	
		90.6980					12.4911			

F.B. 4978 P.G. 243

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 Clear Inst. No. 15066
Notes by P. E. Brooks Time 10:10 – 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-38 To BM202-37
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread 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	9.080	90.0983	.072	1.409		1.572	12.4911	.072	1.415	
	9.008		.071			1.500		.072		
	8.937		.143			1.428		.144		
	27.025	9.0083		1.552		4.500	1.5000		1.359	
12	10.329		.108			0.597		.108		
	10.221		.109			0.489		.110		
	10.112		.217			0.379		.218		
	30.662	10.1207		1.969		1.465	0.4883		1.777	
13	9.552		.105			0.748		.109		
	9.447		.109			0.639		.109		
	9.338		.214			0.530		.218		
	28.337	9.4457		1.983		1.917	0.6390		1.995	
14	9.707		.112			2.117		.110		
	9.595		.108			2.007		.110		
	9.487		.220			1.897		.220		
	28.789	9.5963		2.203		6.021	2.0070		2.215	
15	6.560		.147			3.630		.143		
	6.421		.144			5.487		.147		
	6.277		.291			3.340		.290		
	19.266	6.4220		2.444		4.457	5.4857		2.505	
		135.3940					22.6111			

F.B. 1878 P.G. 244

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 – 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM202-38 To BM202-37
Date 20 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	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	5.657	1353~~410~~ 843	.146	2.494		4.350	22.6111	.143	2.505	
	5.511		.144			4.207		.147		
	5.367		.290			4.060		.290		
	16.535	5.5117		2.784		12.617	4.2057		2.795	
17	7.339		.142			2.293		.144		
	7.197		.146			2.149		.146		
	7.051		.288			2.003		.290		
	21.587	7.1957		3.072		6.445	2.1483		3.085	
18	8.111		.110			1.808		.109		
	8.001		.109			1.699		.109		
	7.892		.219			1.590		.218		
	24.004	8.0013		3.291		5.097	1.6990		3.303	
19	8.673		.110			2.449		.110		
	8.563		.111			2.339		.109		
	8452		.221			2.230		.219		
	25.688	8.5627		3.512		7.018	2.3393		3.522	
20	7.064		.112			2.670		.111		
	6.952		.110			2.559		.109		
	6.842		.222			2.450		.220		
	20.858	6.9527		3.734		7.679	2.5597		3.742	
		171.~~6151~~ 083					35.5631			

F.B. 2878 P.G. 245

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 Clear Inst. No. 15066
Notes by F. E. Brooks Time 10:10 - 11:05 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-38 To BM 202-37
Date 20 Aug 1962
Indexed R. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.396	171.6457 .083	.110	3.734		2.019	35.5631	.110	3.742	
	7.286		.110			1.909		.110		
21	7.176		.220			1.799		.220		
	21.858	7.2860		3.954		5.727	1.9090		3.962	
	8.598		.108			1.251		.110		Summation of Run
	8.490		.110			1.141		.110		From B.M. 202-38
22	8.380		.218			1.031		.220		To B.M. 202-37
	25.468	8.4893		4.172		3.423	1.1410		4.182	
	9.697		.157		#19	0.939		.152		BM 202-37
	9.540		.153			0.787		.155		Agua Pulce Canyon Rd
23	9.387		.310			0.632		.307		at Davenport Rd
	28.624	9.5413		4.482	92°	2.358	0.7860		4.489	See F.B. 2878 - 155
										Total Backsights = + 196.9344
										Total Foresights = − 39.3991
										Diff. Elev. = + 157.5353
										Backsight stadia = 4.482
										Foresight Stadia = 4.489
										Total Stadia = 8.971
										= .57 m.
		196.9344					39.3991			

F.B. 2878 PG 246

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 Inst. No. 15066
Notes by F. E. Brooks Time 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-38 To BM 202-39
Date 12 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.482		.045		#19	5.093		.042		BM 202-38
	3.437		.045			5.051		.042		Agua Dulce Canyon Rd 0.58
	3.392		.090			5.009		.084		mi S. of Davenport Rd.
	10.311	3.4370		.090	102°	15.153	5.0510		084	See F.B. 2878-157
										BM 202-39
										Agua Dulce Canyon Rd. 0.58
										mi S. of Davenport Rd.
										See F.B. 2878-157
										T Maldonado
										Summation of Run
										From B.M. 202-38
										To B.M. 202-39
										Total Backsights = + 3.4370
										Total Foresights = − 5.0510
										Diff. Elev. = − 1.6140
										Backsight stadia = 090
										Foresight Stadia = 084
										Total Stadia = .174
										= .01 mi

F.B. 2878 P.G. 247

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 Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 2:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 202-39 To BM 202-38
Date 17 Aug 1962
Indexed C. J. GALLI

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.192		.042		#19	3.582		.045		BM 202-39
	5.150		.042			3.537		.045		Agua Dulce Canyon Rd.
	5.108		.084 ✓	✓		3.492	✓	.090 ✓	✓	1/1 mi. S. of Darwin part Rd.
	15.450	5.1500		.084	106°	10.611	3.5370		.090	See F.B. 2878 - 15-7
										BM 202-38
										Agua Dulce Canyon Rd.
										0.58 mi. S. of Darwin part Rd.
										See F.B. 2878 - 15-7
										T Maldonado
										Summation of Run
										From B.M.
										To B.M.
										Total Backsights = + 5.1500 ✓
										Total Foresights = − 3.5370 ✓
										Diff. Elev. = + 1.6130 ✓
										Backsight Stadia = .084 ✓
										Foresight Stadia = .090 ✓
										Total Stadia = .174 ✓
										= .01 mi.

F.B. 1878 PG. 248

L.A. County

Notes Ck'd by
Map No.
Office Work
Checked
Date 10-62

Survey of Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by C. K. Lind
Notes Lind Date 10-2-62
Indexed S. J. GALLI

F.B. 2879 Pg. 249

J.N. 0301.02

L.A. Co. PRECISE LEVEL NET

RE-RUN

OF

LINE 202

From: BM 202-22

To: BM 202-23

10-2-62

LIND

HUCKABY

VALDEZ

RODRIGUEZ RR

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 this side of this line.

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

76F3095 CE # 310 3-61

F.B. 2679 Pg. 250

2

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
Do not extend this side of this line.

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

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM By 202-22 TO By 202-23
By 202-22					263						116		B.M. 202-22
1	256	767	557	5	250	13	110	258	411	5	103	13	For Desc. See F.B. 2878-80
					244						93		
2	233	372	534	5	223	21	83	231	384	5	72	21	
					263						85		
3	251	389	552	5	239	24	73	617	374	5	61	24	
					296						55		
4	281	523	582	5	266	30	40	513	341	5	25	30	
					285						58		
5	270	500	571	5	255	30	43	381	344	5	28	30	T. VALDEZ
					283						38		
6	268	410	569	5	253	30	23	532	324	5	8	30	
					294						54		
7	279	921	580	5	264	30	39	241	340	5	24	30	
					237						75		
8	225	479	526	5	213	24	63	081	364	5	51	24	
					297						60		
9	282	186	583	5	267	30	45	132	346	5	30	30	
					240						100		
10	228	967	529	5	217	23	88	570	389	5	77	23	
TOTALS	2578	514 ✓				255	610	556 ✓				255 ✓	
	610	556 ✓										255	
Diff. Elev. +	1967	958 ✓										510 ✓	METERS = .32 mi. ✓
BM-202-23 = 64.5654 feet													B.M. 202-23
													For Desc. See F.B. 2878-81

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

SURVEY BY C. K. Lind

NOTES BY Huckaby DATE 10-2-62

INDEXED C. J. GALLI DATE

WEATHER Sunny

TIME 10:10 to 10:40

NOTES CHKD. [illegible] DATE 10/10/

INST. NO. 757

ROD NO. 9525

F.B. 2878 PG. 25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2878 PG. 25E — JOB NO. 0301.02 — INST. NO. 752.34

SURVEY OF L.A. County by Precise Level Net — ROD NO. 95E96

SURVEY BY K. Lund NOTES Huckaby — WEATHER Sunny

INDEXED C. J. GALLI DATE — TIME 10:25 to 11:15 — NOTES CHKD [illegible] — DATE 10/10/62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 202-23 TO 202-22
B.M. 202-23					101						241		B.M. 202-23
1	89	528	390	5	78	23	229	915	530	5	218	23	For Desc. See F.B. 2878-81
					61						293		
2	46	228	347	5	31	30	278	779	579	5	263	30	
					73						245		
3	61	619	362	5	49	24	233	503	534	5	221	24	
					59						291		
4	44	020	345	5	29	30	276	630	577	5	261	30	T - VALDEZ
					39						288		
5	24	220	325	5	9	30	273	679	574	5	258	30	
					62						285		
6	47	157	348	5	32	30	270	918	571	5	255	30	
					43						291		
7	28	445	329	5	13	30	276	682	577	5	261	30	
					84						248		
8	72	032	373	5	60	24	236	327	537	5	224	24	
					75						239		
9	65	000	366	5	54	21	228	933	529	5	218	21	
					123						263		
10	115	376	416	5	107	16	255	960	556	5	248	15	
TOTALS	593	625				258	2561	326				257	✓
							593	625				258	✓
Diff in Elev							-1967	701	ft			-1.15	Metric = 1.32 m ✓
							= 64.557	feet	✓				
B.M. 202-22													BM 202-22
													For Desc. See FB 2878-80

L.A. County

Notes Ck'd by
Map No.
Office Work
Checked
Date OCT 1 0 '62

Survey of Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by E. M. Lind
Notes Lind Date 10-4-62
Indexed C. J. Galli

F. B. 2878 Pg. 253

JN 0301.02

L.A. Co. Precise Level Net

Re-Run

of

Line 202

From: BM 202-46

To: BM 202-47

10-4-62
Lind
Fuckaby
Valdez
Rodriguez RR

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 this side of this line

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

76F3095 CE # 310 3-61

F.B. 2879 Pg. 254

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

Do not extend this side of this line.

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY: E. E. LIND DATE 10-4-62 WEATHER Clear INST. NO. 772

NOTES BY E. E. LIND DATE 10-4-62 TIME 10:00 TO 11:00 ROD NO. 854

INDEXED C. J. CALL DATE NOTES CHKD DATE

F.B. 7979 Pg. 25

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA	RIGHT	MIC.	LEFT		STADIA	FROM BM Z02-46 TO BM Z02-47
BM Z02-46					144					210	BM. Z02-46
1	129	454	430	5	114 30	194	176	495	5	178 32	FOR DESC SEE EB 2878-102
					108					175	
2	93	531	394	5	78 30	160	228	461	5	145 30	
					187					146	
3	172	210	473	5	157 30	131	152	432	5	116 30	
					180					163	
4	164	943	465	5	148 32	148	573	449	5	133 30	T HUCKABY
					141					199	
5	126	104	427	5	111 30	184	015	485	5	169 30	
					112					229	
6	98	535	399	5	84 28	214	533	515	5	199 30	
					122					205	
7	108	459	409	5	94 28	190	963	491	5	175 30	
					132					185	
8	117	400	418	5	102 30	170	474	471	5	155 30	
					160					181	
9	145	480	446	5	130 30	166	756	467	5	151 30	
					92					175	
10	79	484	380	5	66 26	162	410	463	5	150 25	
					157					170	
11	142	132	443	5	127 30	155	451	456	5	140 30	
					103					194	
12	88	839	389	5	73 30	180	135	481	5	166 29	
					150					273	
13	135	710	436	5	120 30	257	445	558	5	241 32	
TALS	1601	781 ✓			384	2316	311 ✓			388	-23.4425 feet ✓
						1601	781 ✓			1604	.48 mi ✓

✓ BM Z02-47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 202-47	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 202-47 TO BM 202-46
1	258	090	559	5	274 / 242	32	137	367	438	5	152 / 122	30	BM 202-47
2	183	617	484	5	198 / 168	30	121	246	422	5	135 / 107	28	FOR DESC SEE FB 2878-165
3	183	205	484	5	198 / 168	30	138	857	439	5	153 / 123	30	
4	166	240	467	5	178 / 154	24	83	749	384	5	96 / 70	26	
5	165	510	466	5	180 / 150	30	143	650	444	5	158 / 128	30	
6	171	850	472	5	186 / 156	30	122	033	423	5	137 / 107	30	π HUCKABY
7	191	190	492	5	206 / 176	30	105	074	406	5	120 / 90	30	
8	206	060	507	5	220 / 192	28	89	888	390	5	104 / 74	30	
9	183	428	484	5	198 / 168	30	128	895	429	5	143 / 113	30	
10	153	542	454	5	168 / 138	30	167	837	468	5	182 / 151	31	
11	134	386	435	5	149 / 119	30	179	889	480	5	194 / 164	30	
12	164	149	465	5	179 / 149	30	90	391	391	5	105 / 75	30	
13	191	825	492	5	206 / 176	30	129	661	430	5	144 / 114	30	
TOTALS	2353	092 ✓				384	1638	537 ✓				385 ✓	
	1638	537 ✓										384 ✓	
DIFF ELEV. BM 202-46	714	555 ✓										769	METERS = .48 mi. ✓

cm = 23.[illegible]34 feet ✓

BM 202-46
FOR DESC SEE FB 2878-162

F.B. 2878 PG. 256 JOB NO. 0301.02

SURVEY OF L.A. to PRECISE LEVEL NET

SURVEY BY LIND NOTES C.K. LIND

INDEXED C. J. GAIN DATE

WEATHER OVERCAST INST. NO. 75234

TIME 11:00 TO 11:45 ROD NO. 95 & 96

NOTES CHKD DATE