d by

L.A. CO. PRECISE LEVEL NET
JN 0301.02 Tape Std °F
Surveyed by A C GUIZADO
Notes A.C.G. Date 12/60
Indexed H. E. OD JAN 1 8 '61

F. B. 2839 Pg. 5

LINE 60
L.A. CO. PRECISE LEVEL NET
JN 0301.02

OMMENCING AT SAN FERNANDO Rd & ROXFORD
2.6 MILES NW OF THE SPRR STATION IN SAN
ONANDO, PROCEEDING N'LY ALONG SAN FERNANDO
TO THE JUNCTION OF HWY'S 99 & 6, THENCE
Y ALONG HWY 99 (GOLDEN STATE FRWY) TO
ONS AVE, EAST ALONG LYONS AVE TO SAN
ERNANDO Rd & 8th ST (NEWHALL) THENCE
'LY ALONG SAN FERNANDO RD TO SPRR
TATION IN SAUGUS & END OF LINE

3719-115 TO 198 FOR NEW DESC. AND REPLACEMENT B.M.S

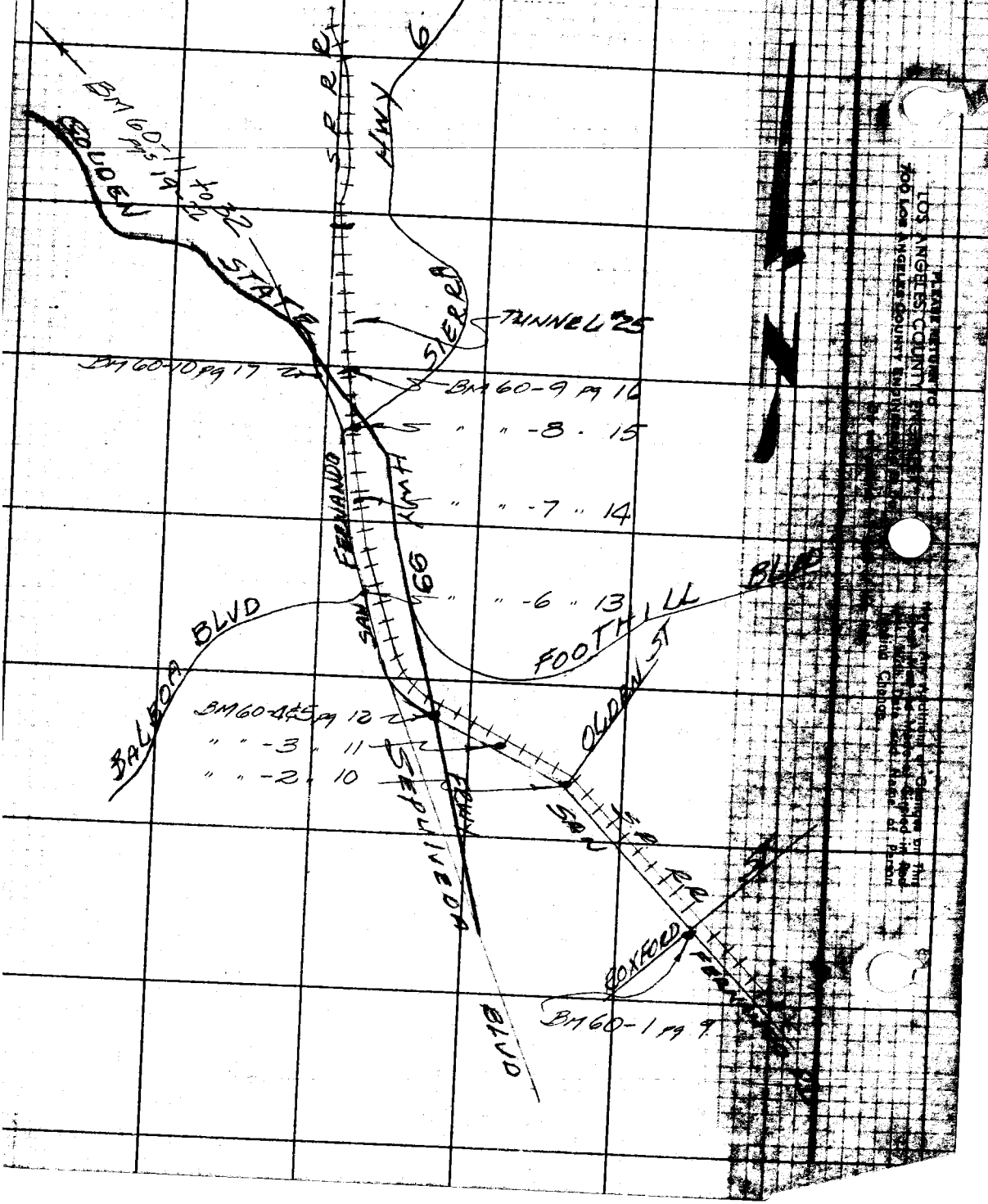
ELEV. 1960-61 PAGES 51 TO 130
ELEV. 1966 RERUN PAGES 131 TO

GUIZADO	A C
GOBLE	A L
GLIDDEN	R D
COOK	G E
AIWIN	G.P.

Microfilmed June '85

F. B. 2839 Pg. 6

INDEX
LINE 60



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L.A. CO. PRECISE LEVEL NET

Survey of
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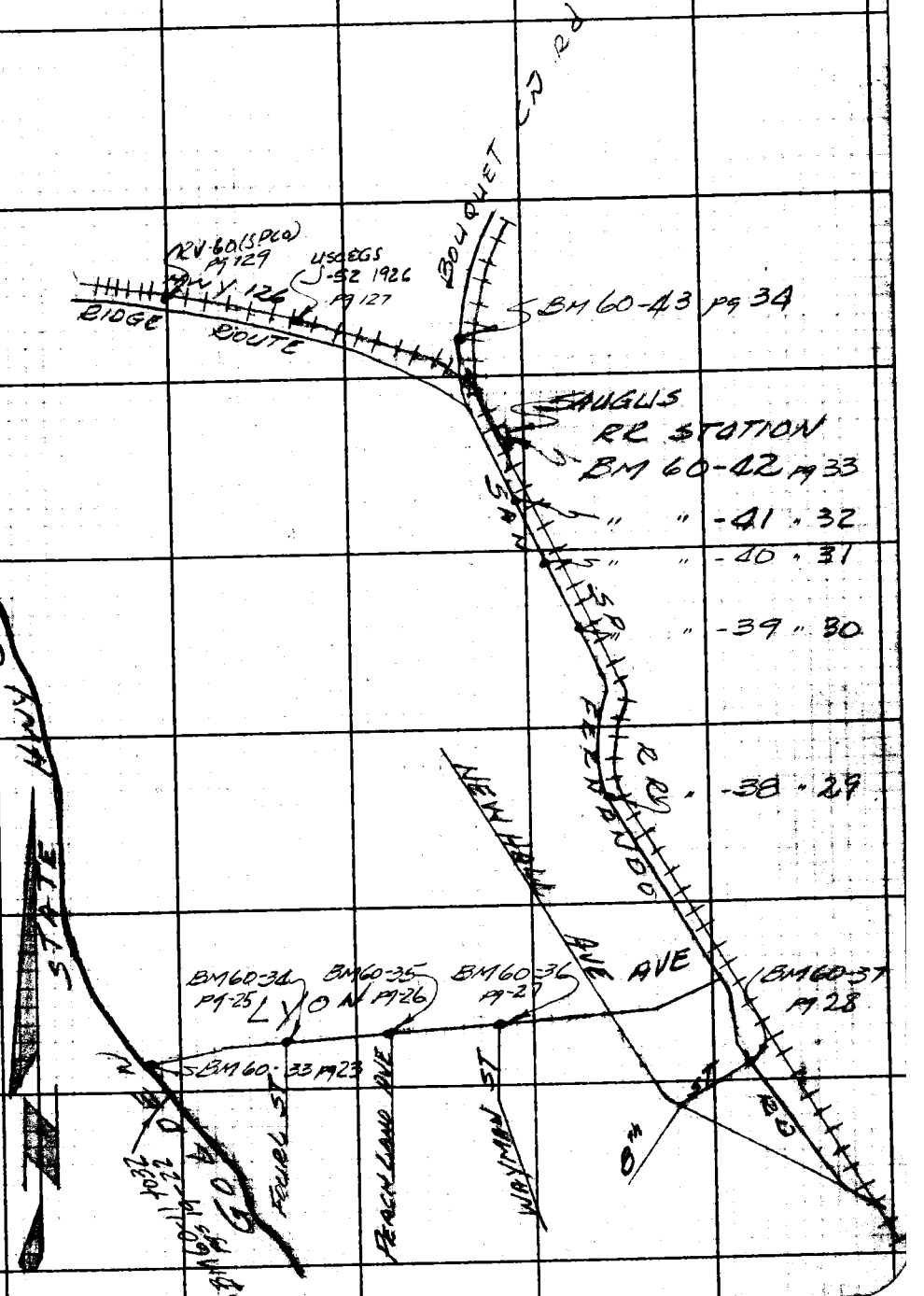
Surveyed by A.C. GUIZADO
Notes ACG Date 12/60
Indexed H. E. OH

F. B. 8839 PG. 7



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767305S SBE #247 11-68

F. B. 2839 PG. 8

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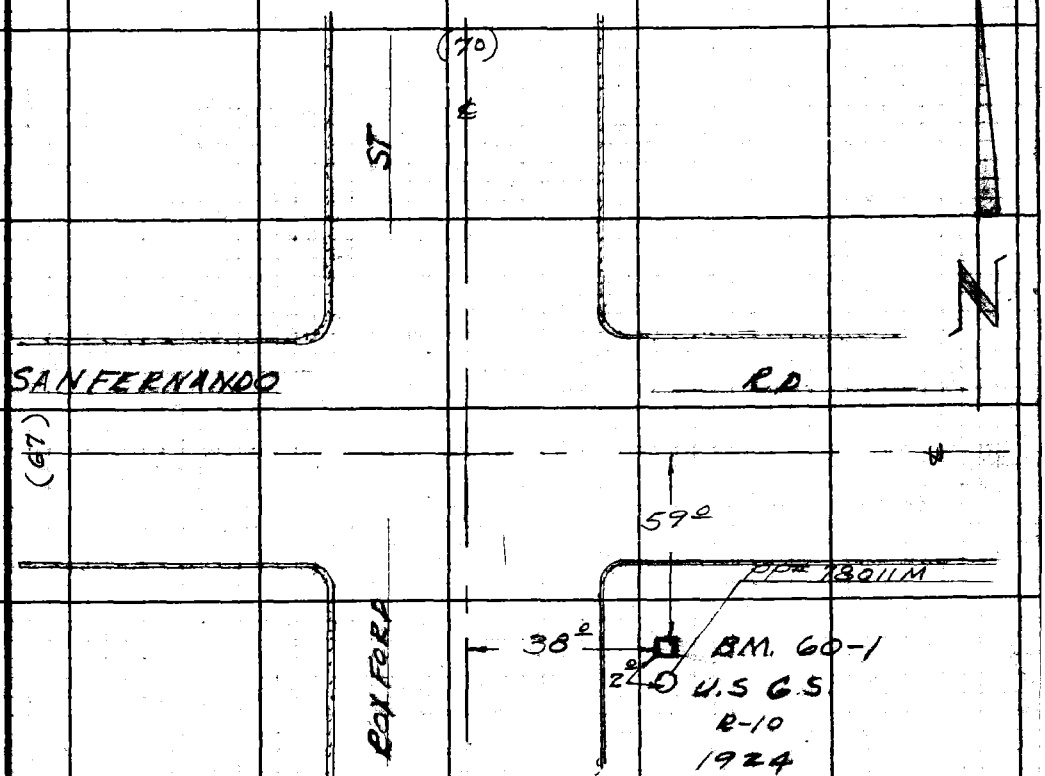
Indexed H. E. OM

F. B. 2839 PG. 9

B.M. 60-1 (USGS R-10 1924)
SAN FERNANDO RD & ROXFORD ST
SE COR: 59° S & 38° E OF ℄ INT,
2° N. OF PP# 7801IM Fd A BRONZE IN
3½ IN. U.S. GEOLOGICAL SURVEY IN COOPERATION WITH
CONC MON POST MRD "R.S. 10 1924" & LOS ANGELES COUNTY
UP ABOUT 0.3 ABOVE CONC WALK.

REF: USCGS 341182 pg 8
LINE 102



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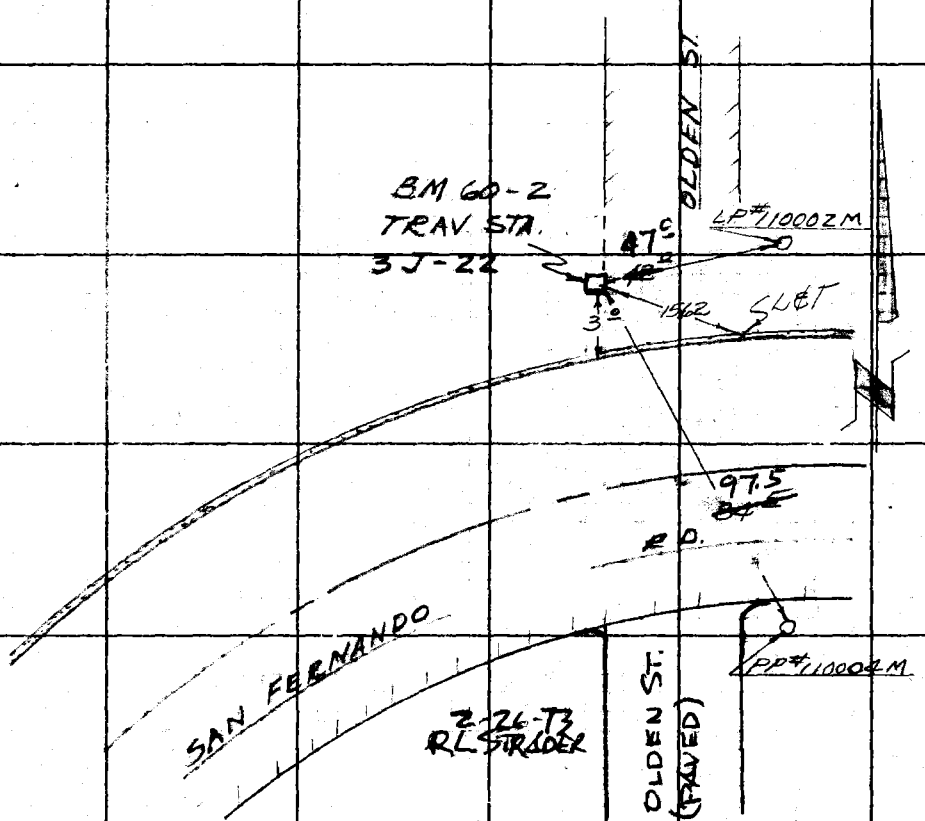
76F3095 SBE #247 11-58

F. B. 2839 Pg. 10

BM. 60-2 (LA. BUREAU of ENGR. TRAV. STA. 3-J-22)
SAN FERNANDO Rd & W LINE OF
OLDEN ST PRODUCED S'lY & APPROX
.25 MI W. OF ROXFORD ST, Rd A STD
LA CITY TRAV MON STAMPED "3-J-22" 18" DEEP, 1938
32 N'lY FROM N'lY edge OF SAN FERNANDO RD,
47.5 W OF LP# 11000ZM & 97.5 N'lY FROM
PP# 11000AM

REF: CITY OF LA 10658-81,109
10659-112



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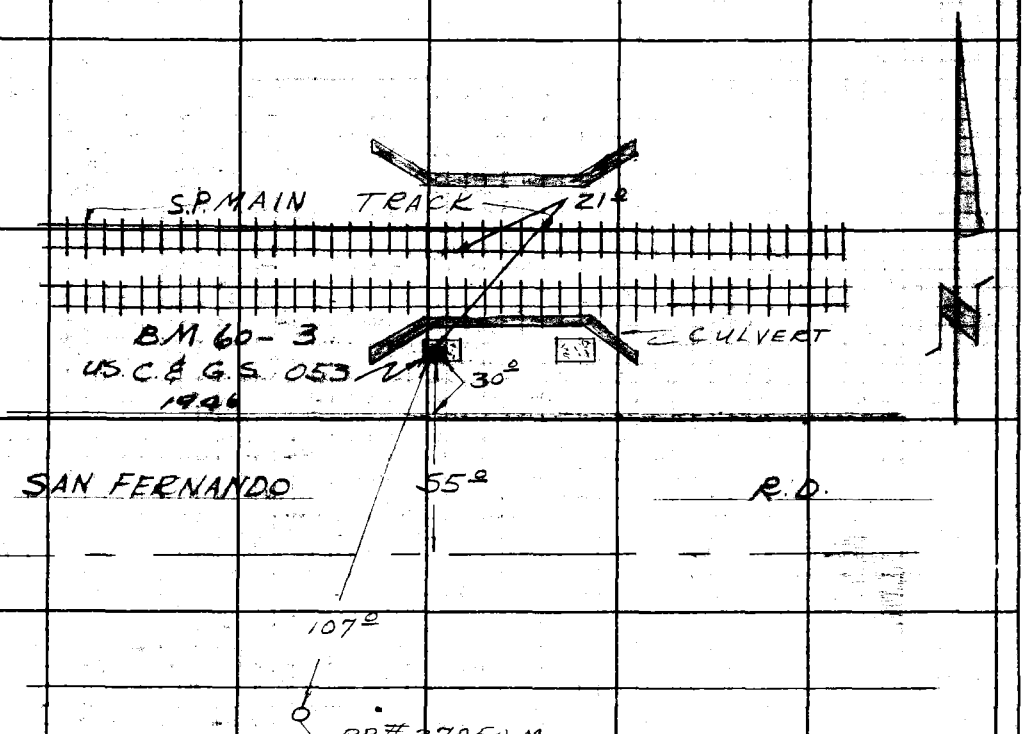
Map No.	JN 030102 Tape Std °F	
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes EDG & ACG Date 12/20/60	
Date	Indexed ~~H. E. OTT~~	

B.M. 60-3 (USC&GS 0-53 RESET 1946)
SAN FERNANDO RD & 0.3 MI E OF SEPULVEDA BLVD, IN THE TOP OF SW END OF THE SW CONC ABUTMENT, 21' SO. OF THE SO. RAIL OF THE SPRR MAIN TRACK, FD A BRONZE DISK MK'D "0-53 1946" & SET IN CONC., 55° NO. OF ℄ SAN FERNANDO RD & 107° NE'LY FROM PP #37050M. SET FLUSH & ABOUT LEVEL WITH THE TRACK.

REF: USC&GS 341182 pg 7
LINE 102



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76F3088 S&E #247 11-58

F. B. 2839 Pg. 12

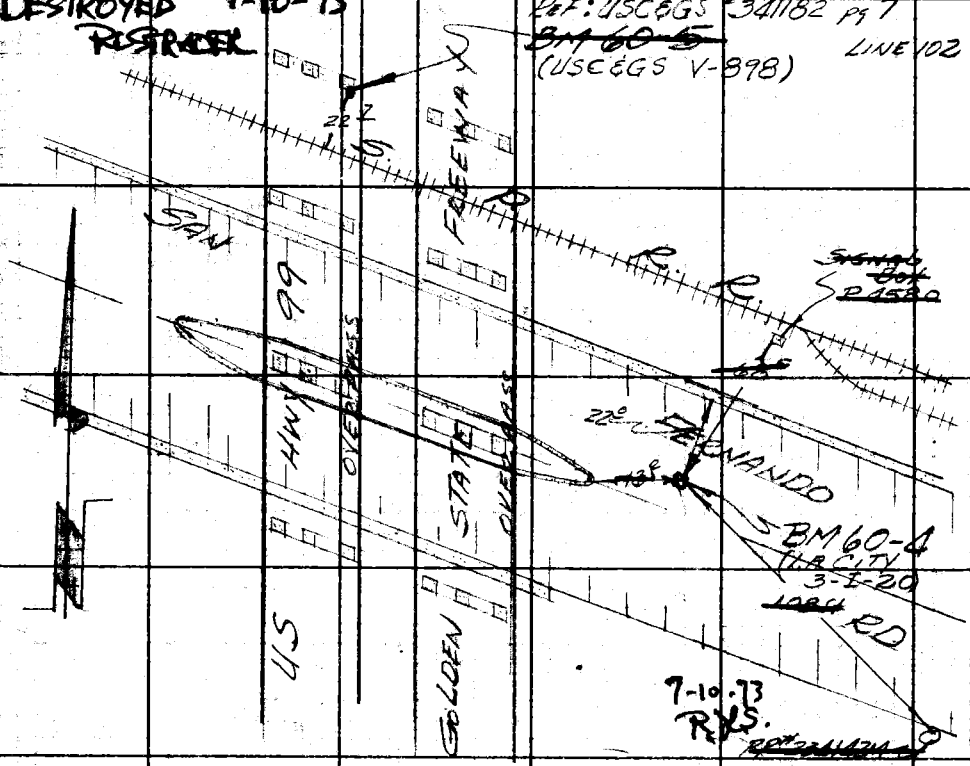
BM 60-4 (CITY OF L.A. TRAV STA 3-I-20)
ON SURVEY LINE OF SAN Fernando Rd approx. 3675 ft E'ly FROM RR spk at BC of curve, 22° S. of N. cb; 68.5 ft E'ly FROM THE SW COR. OF R.R. SIGNAL Box P4580; 108° N. FROM PP 234142M & 13° E FROM Radial pt. OF MEDIAN CURB, Fd A CITY OF L.A. TRAVERSE STATION MK'D "3-I-20" UNDER IRON COVER, dN ABOUT 18". REF: FB 16399-29 1938

SEE FB. 3719-126 FOR NEW DESCRIPTION

BM 60-5 (USC&GS V-898 1955)
SAN FERNANDO RD; APPROX 1500 ft E'ly FROM THE INT. OF SEPULVEDA BLVD, 0.1 MI E. OF MILEPOLE 458, AT W. ONE OF 2 CONC. BRIDGES OVER TRACK, Fd A USC&GS BRASS DISK MK'D "V-898 1955" SET VERTICALLY IN S. FACE OF FIRST CONC PIER N. OF TRACK; 1.2 W. OF E END & 22.7 N. OF N. RAIL; 1.5 ABOVE GROUND & about 2.5 HIGHER THEN TOP OF RAIL

DESTROYED 7-10-73
RESTORED

REF: USC&GS 341182 Pg 7
~~BM 60-5~~
(USC&GS V-898)
LINE 102



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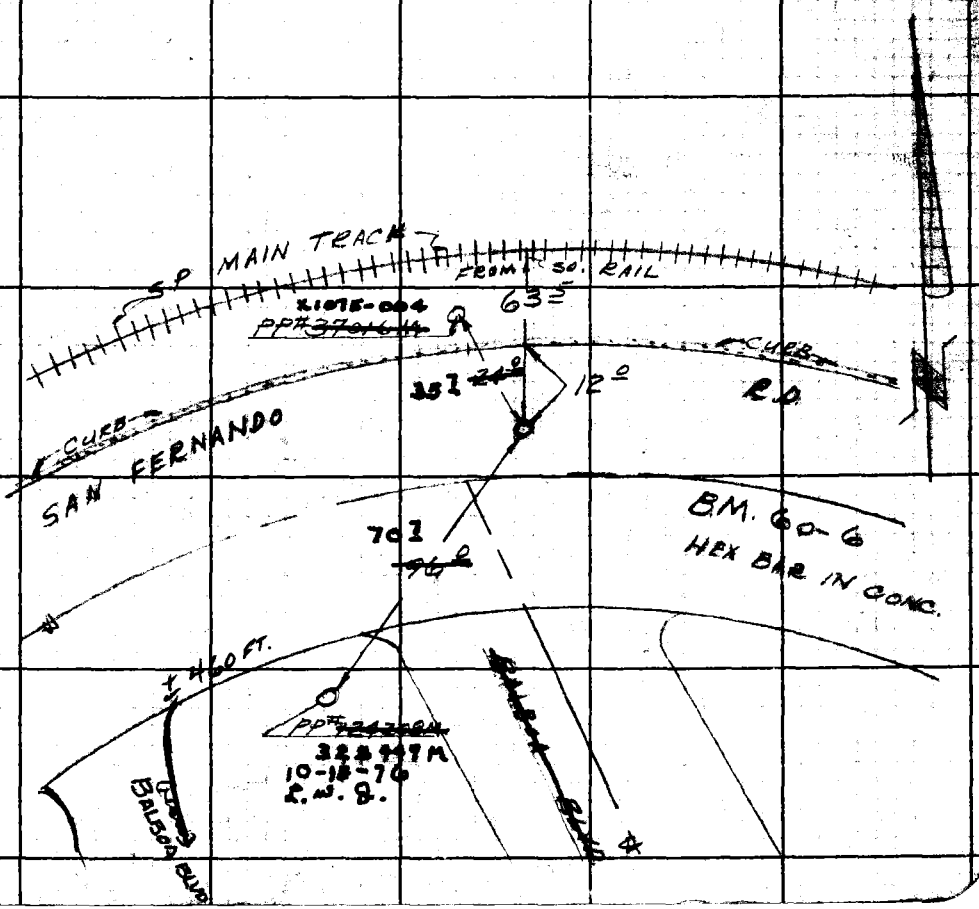
Office Work	Surveyed by A.C. GUIZADO	
Checked	Notes R.O.G.&A.C.G. Date 12/20/60	
Date	Indexed H. E. Oh	

B.M. 60-6 (City of LA HEX BAR)

SAN FERNANDO RD & ~~BALBOA BLVD~~

FD A HEX BAR IN CONC IN ABOUT 10" UNDER COVER MKD City of LA ENGR. 12± So. of THE NO. CB. OF SAN FERNANDO RD, 63± So. of THE So. RAIL OF THE SPRR TRACK, 24° SE'ly FROM PP# 37016M & 96° NE'ly FROM PP# 124208M.



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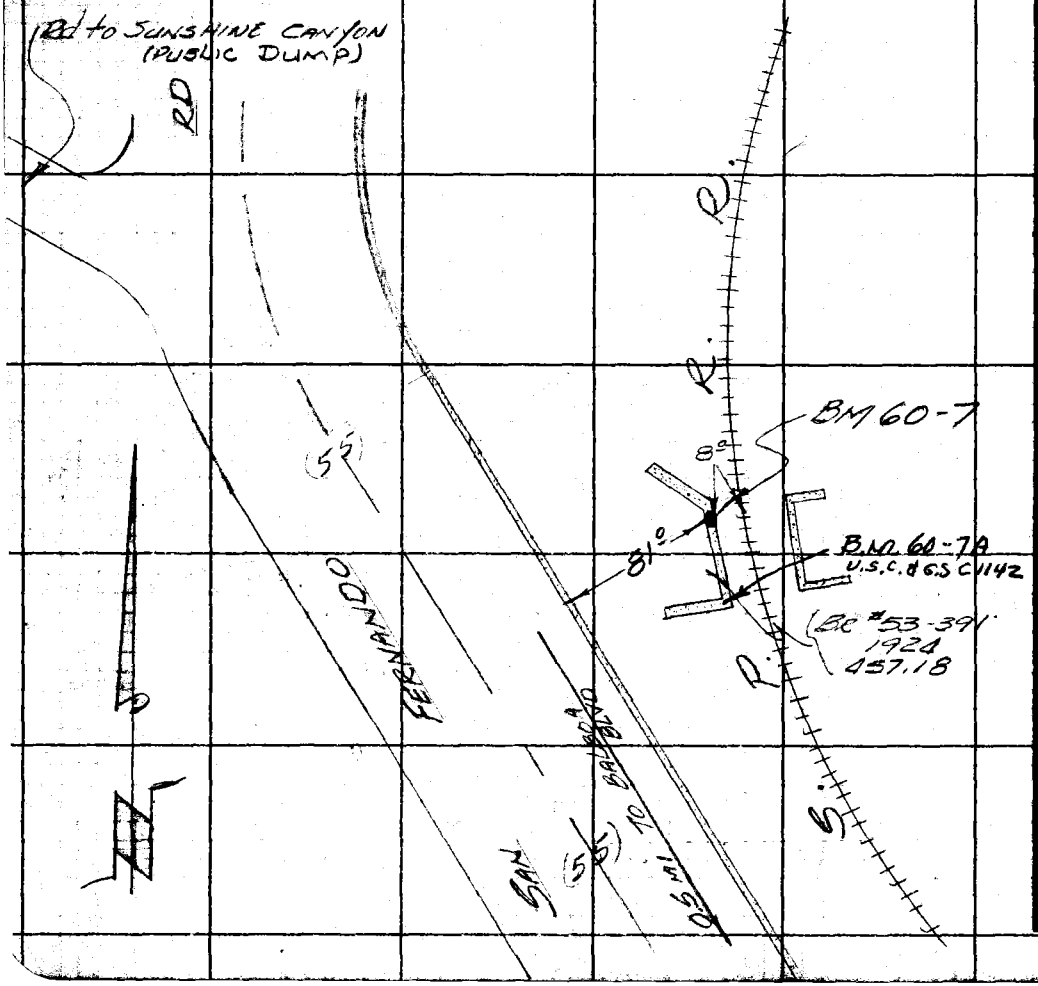
7-6F305S SEE #247 11-58

F. B. 2839 PG. 14

OK BM 60-7

SAN FERNANDO RD & 0.5 MI NW'LY OF BALBOA BLVD ON THE SPRR AT BRIDGE #53-391, FD A CT. SPK IN CONC AT THE N. END OF THE W. CONC HDWALL MK'D "BM 1338.725". 8' W OF THE W RAIL & 81' FROM THE E. CURB OF SAN FERNANDO RD

B.M. 60-7A SEE F.B. 3719-131 10-26-66 G.E.D.



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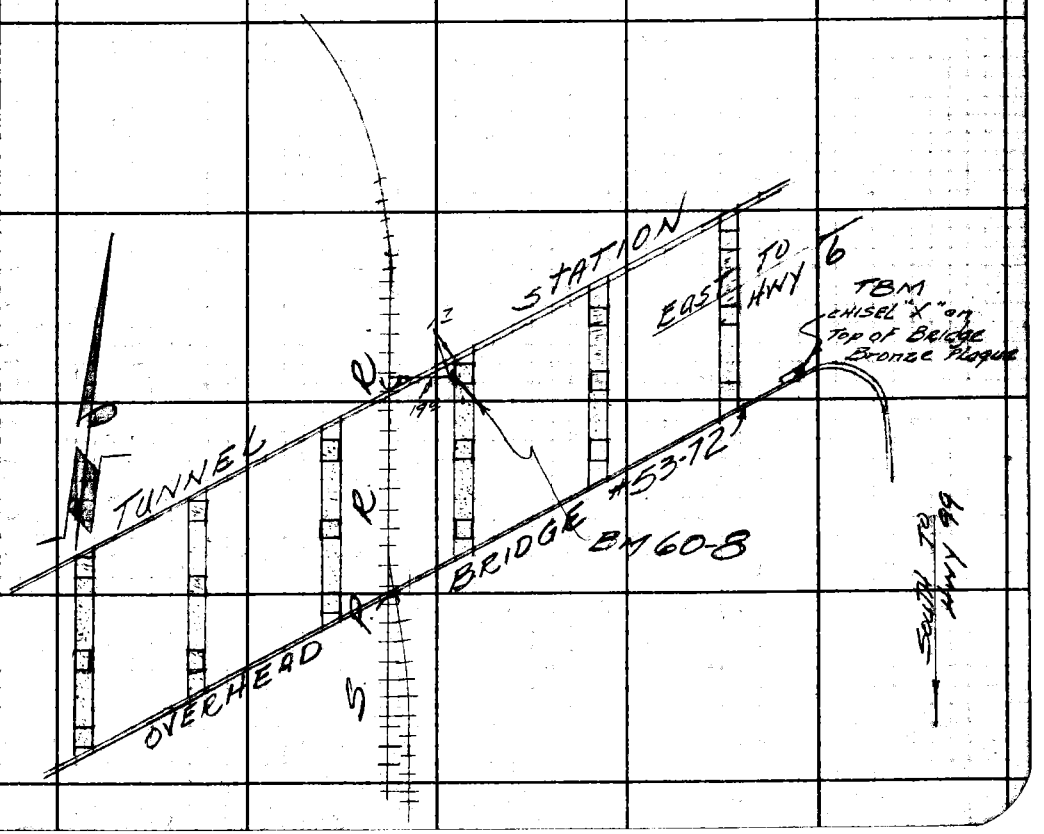
Level or
JN 0201.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 12/29/60
Indexed H. E. OTT

F. B. 2839 Pg. 15

BM 60-8 (USC&GS Q 898 1955)
SAN FERNANDO RD & TUNNEL STATION
BRIDGE #53-72, FD A BRASS DISK MKD
"Q 898 1955" SET VERTICALLY IN THE W'LY
FACE OF THE N'LY END OF THE 3RD CONC
PIER W'LY OF THE E'LY END OF BRIDGE, 19° E'LY
FROM THE E'LY RAIL, 1' S'LY FROM THE N'LY END
OF CONC PIER & 38 ABOVE GROUND.

REF: USC&GS 341183 pg 3
LINE 102



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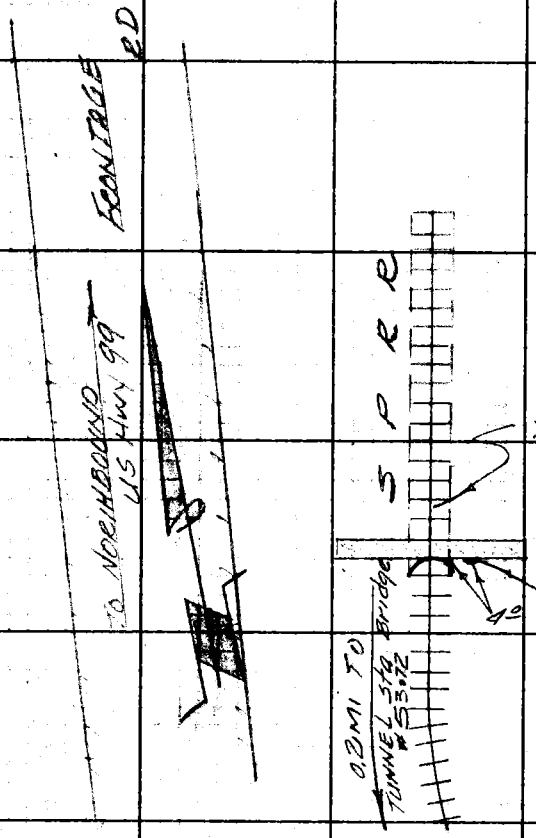
76F309S SBE #247 11-58

F.B. 2839 PG. 16

BM 60-9 (USC&GS M-53 1926)
S.P.R.R. & TUNNEL #25, 0.2 MI N'ly
FROM TUNNEL STATION BRIDGE # 53-72,
Fd A BRONZE DISK MK'D "M-53 1926" SET
VERTICALLY IN THE SE'ly FACE OF THE S'ly
END OF TUNNEL #25, 4° E'ly FROM E'ly
EDGE OF TUNNEL, 9' E'ly FROM E'ly RAIL &
ABOUT 4° HIGHER THAN TOP OF RAIL

REF: USC&GS 341183 pg 3
LINE 102



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Checked	Notes ACG Date 12/20/60	
Date	Indexed H. E. Oh	

BM 60-10 (STATE BM 1-F-40)

FRONTAGE RD & 0.3 MI N. OF INT. OF HWY 99 & HWY 6, JUST SO. OF A 2"X8" CULV SIGN MK'D "F-27+80", 56° W OF APPARENT ℄ OF ST & 90° SO. FROM NO. END OF 3° CHAIN LINK FENCE, FD A BRONZE TABLET IN CONC. MON MK'D "1-F-40" BY A WHITE WITNESS MARKER.

NOT RECOVERED, SEE FB. 3719-137, 138

7-10-73 RLSTRADER

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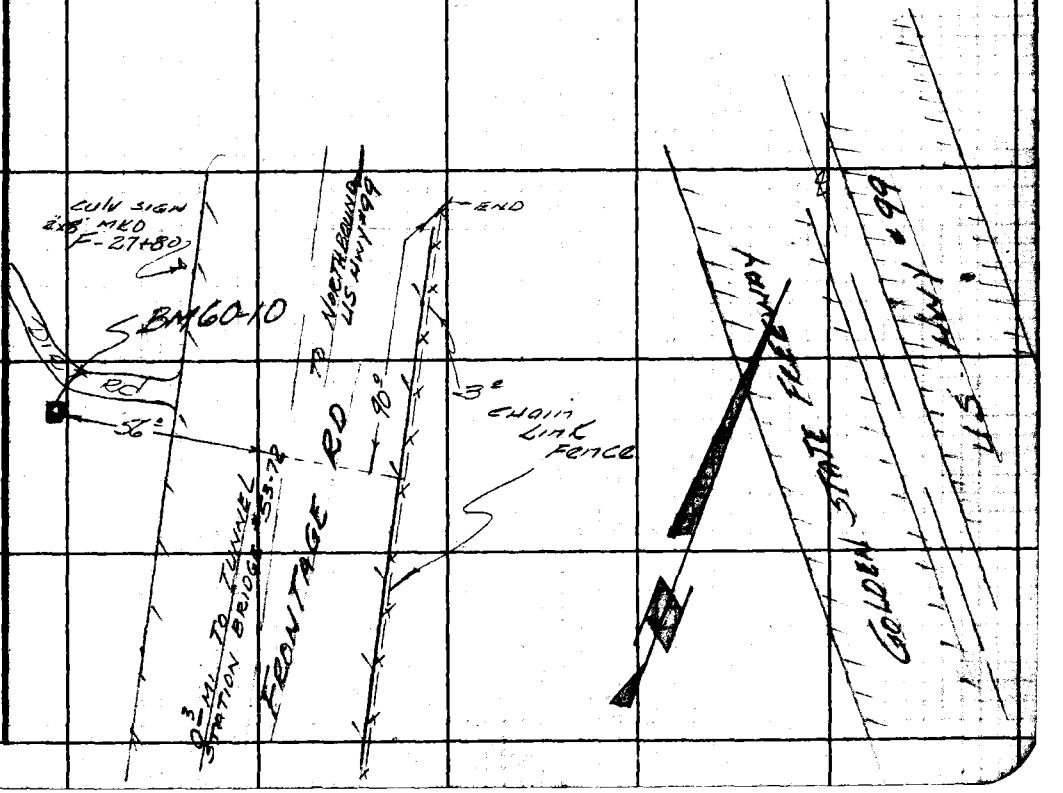

76F3098 S&E #247 11-58

F. B. 2839 Pg. 18

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JN 0301.02 Tape Std °F
Surveyed by A.C. GUIZADO
Notes ACG Date 12/22/60
Indexed H.E.O.M.

F. B. 2839 PG. 19

BM 60-11 (State BM #2-F-40)

SEE F.B. 3719 FOR ADDITIONAL TIES AND REPLACEMENTS AW 1966 G.E.D.

Golden State Hwy 99 & 4.7 miles S'ly from Lyons Ave. Found a Bronze tablet in conc. mon. stamped "BM 2-F-40" 137' left of Sta. 37/20.

NOT RECOVERED F.B. 3719-139 7-10-73 RLS.

BM 60-12 (State BM #3-F-40)

Golden State Hwy 99 & 4.6 miles S'ly from Lyons Ave. Found a bronze tablet in conc. mon stamped "BM 3-F-40" 85' left of Sta. 44 / 95.

NOT RECOVERED F.B. 3719-141 7-10-73 RLS.

BM 60-13 (State BM #53-F-59)

Golden State Hwy 99 & 4.4 miles S'ly from Lyons Ave. Found a Brass cap in conc. mon. on ℄ Sta. 53 / 45.30. B.C. NOT RECOVERED, F.B. 3719-143 7-10-73 RLS.

BM 60-14 (State BM# 61-F-59)

Golden State Hwy. 99 & 4.2 miles S'ly from Lyons Ave. Found a brass cap mon. in conc on ℄ Sta. 61 / 53.51 B.C. NOT RECOVERED, F.B. 3719-145 7-10-73 RLS.

BM 60-15 (State BM # 7-F-52)

Golden State Hwy 99 & 3.9 miles S'ly from Lyons Ave. Found a brass cap in conc. mon on ℄ const. Sta. [redacted]76 / 74.80

BM-60-16 (State BM # 8-F-52)

Golden State Hwy 99 & 3.7 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon. on ℄ const. Sta. 84 / 58.15 E.C.

BM 60-17 (State BM #9-F-40)

Golden State Hwy 99 & 3.6 miles S'ly from Lyons Ave. Found a bronze tablet in conc. Mon. stamped "B.M. 9-F-40" 92' left of ℄ const. Sta 88 / 33

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76F3095 SBE #247 11-58

F. B. 2839 Pg. 20

BM 60-18 (State BM # 10-F-52)

Golden State Hwy 99 & 3.6 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon. on ℄ const. Sta. 91 + 66.32 M.P.C.

BM 60-19 (State BM # 11-F-52)

Golden State Hwy 99 & 3.5 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta. 98 + 74.52 E.C.

BM 60-20 (State BM # 12-F-52)

Golden State Hwy 99 & 3.4 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta. 103 + 02.63 B.C.

BM 60-21 (State BM # 13-F-52)

Golden State Hwy 99 & 3.2 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta. 110 + 30.98 M.P.C.

BM 60-22 (State BM # 14-F-52)

Golden State Hwy 99 & 3.1 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta. 117 + 59.34 E.C.

BM 60-23 (State BM # 15-F-52)

Golden State Hwy 99 & 3.0 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta. 120 + 38.45 B.C.

BM 60-24 (State BM # 16-F-52)

Golden State Hwy 99 & 2.9 miles S'ly from Lyons Ave. Found a bronze tablet in conc. Mon on ℄ const. Sta. 129 + 73.19 E.C.

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Section 0301.02
JN Tape Std. °F
Surveyed by A.C. Guizado
Notes A.C.G. Date 12/60
Indexed N. E. Ott

F. B. 2839 Pg. 21

HAS RECOV PREVIOUSLY DESTROYED 10-25-66 GED

BM 60-25 (State BM # 17-F-40)

Golden State Hwy 99 & 2.6 miles S'ly from Lyons Ave. Found a bronze tablet in conc. Mon stamped "17-F-40" 87' left of ℄ const. Sta. 144 + 25

BM 60-26 (State BM # 18-F-52)

Golden State Hwy 99 & 2.5 miles S'ly from Lyons Ave. Found a bronze tablet in conc Mon. on ℄ const. Sta. 148 + 32.46 B.C.

BM 60-27 (State BM # 19-F-52)

Golden State Hwy 99 & 2.2 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon on ℄ const. Sta 161 + 36.74 E.C. = 161 + 58.62 P.O.T.

BM 60-28 (State BM # 20-F-52)

Golden State Hwy 99 & 2.0 miles S'ly from Lyons Ave. Found a brass cap in conc. Mon. on ℄ const. Sta 169 + 97.23 P.O.T.

BM 60-29 (State BM # 21-F-52)

Golden State Hwy 99 & 1.8 miles S'ly from Lyons Ave. Found a bronze tablet in conc Mon. on ℄ const. Sta. 180 + 45.96 B.C.

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76F309S S&E #247 11-58

F. B. 2839 Pg. 22

BM 60-30 (State BM# 21-F-40)
BM 60-30 B F.B. 3719-166 10-29-76 D.L.B.
Golden State Hwy 99 & 1.7 miles S'ly from Lyons Ave. Found a bronze tablet in conc. Mon. stamped "21-F-40" 89' left of ℄ const. Sta 185 + 28

BM 60-31 (State BM # 24-F-40)

Golden State Hwy 99 & 1.2 miles from Lyons Ave. Found a bronze tablet in conc. Mons stamped "24-F-40" 82' left. of ℄ const. Sta. 215 + 90

BM 60-32 (State BM #(26a-F-52)

Golden State Hwy 99 & 0.6 miles from Lyons Ave. Found a brass cap in conc. Mon. on ℄ const. Sta. 249 + 50.96 P.O.T.

Replaced by 60-32D (5-68)

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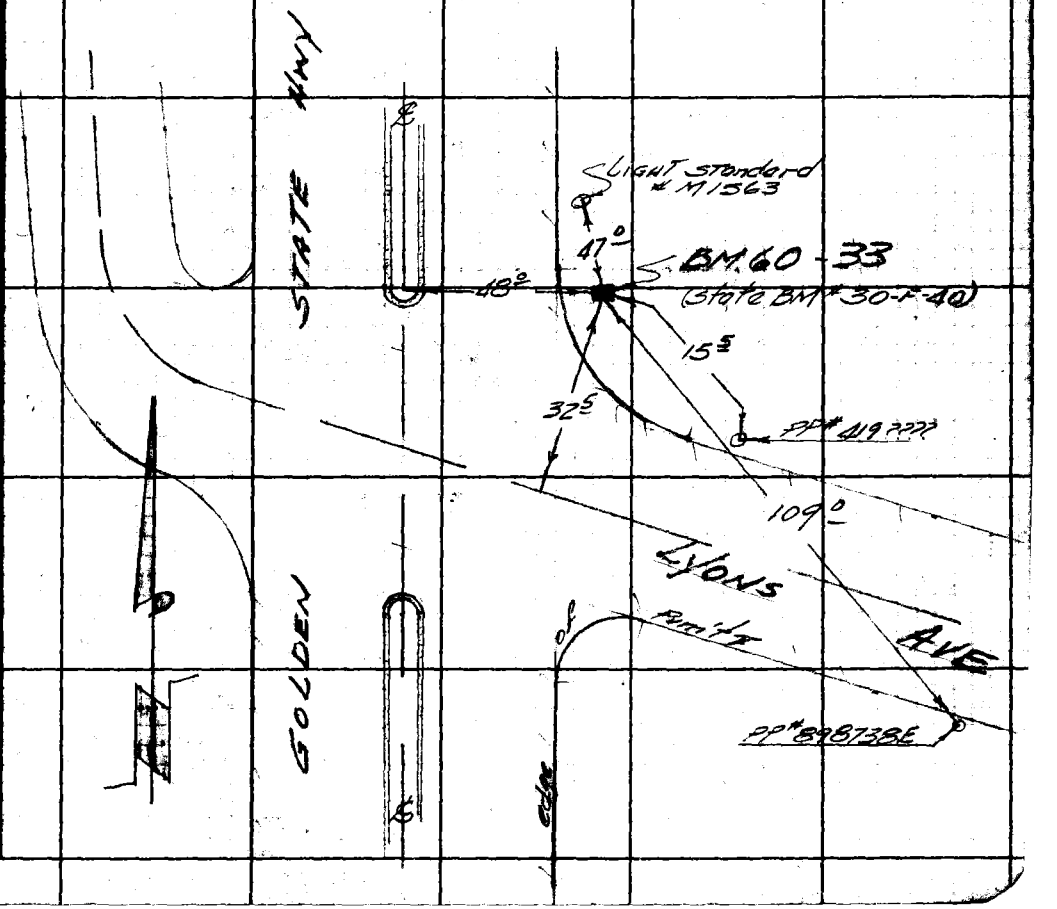
Map No.	JN 2301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes ACG Date 12/28/60
Date	Indexed H. E. OTT

BM 60-33 (State of Calif BM # 30-F-40)

GOLDEN STATE HWY 99 & LYONS AVE
NE COR. Fd A BRONZE TABLET IN CONC.
MON MK'D "30-F-40" 48' E. OF ℄ OF
HWY & 32± N. OF LYONS AVE, 47± SE'LY
FROM LIGHT STD # M 1563 & 15± NW OF PP # 419???,
109± NW OF PP # 898738E
FD. DESTROYED 10-25-66 G.E.D.
REPLACE BY B.M. 60-32C AND 60-33A, F.B. 3719-172 & 173 (3-24-71 G.E.DREW)



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76F3095 SBE #247 11-58

F. B. 2839 PG. 24

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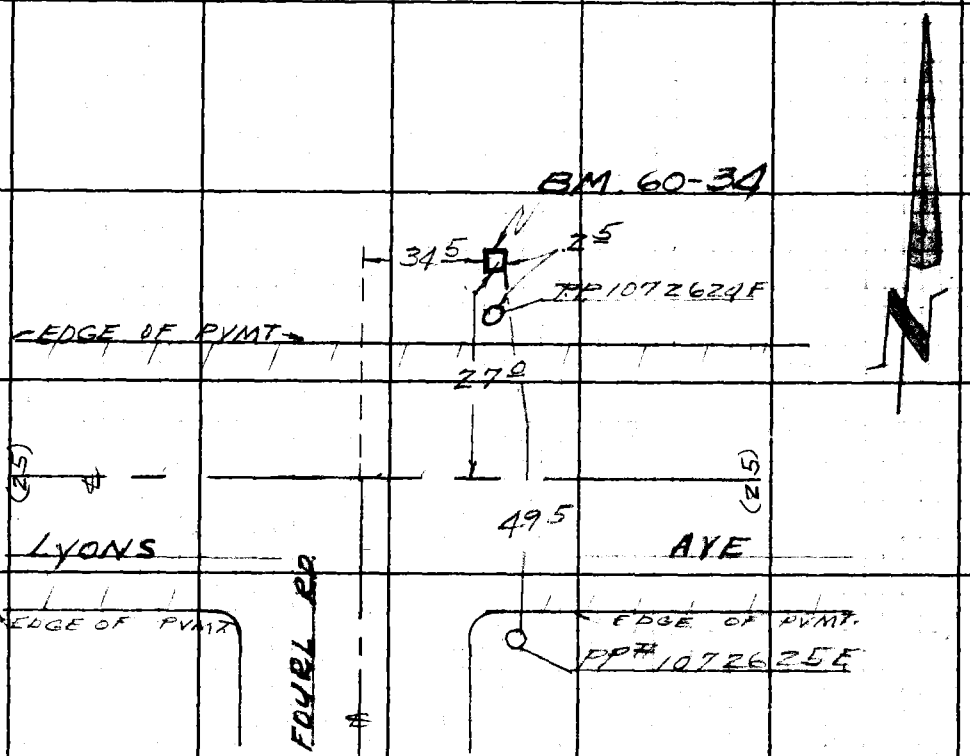
Checked	Notes RDG Date 12/28/60
Date	Indexed H. E. OTT

F. B. 2839 PG. 25

B.M. 60-34
NEWHALL, 1⅝ MI W. OF.
LYONS AVE & FOURL RD, N SIDE OF RD
SET A STD CO. ENGR BM BRASS CAP
MON MK'D "BM 60-34 1960 RE 5869"
IN A 12" CONC POST, 27º N. OF ℄ OF
LYONS AVE, 34⅝ E. OF ℄ PRODUCED OF
FOURL RD, 2⅝ N OF PP #1072624E,
49⅝ N OF PP# 1072625E & 3º W. OF A
YELLOW WITNESS POST

NOT RECOVERED, REPLACED WITH B.M. ~~33~~ 60-34A, F.B. 3719-175 (3-24-71 G.E.D)



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78F3095 SAE #247 11-58

F. B. 2839 PG. 26

BM 60-35

NEWHALL, 1½ MI W OF.
LYONS AVE & PEACHLAND AVE IN THE
SW COR., 27° S OF ℄ LYONS AVE & 34°
W. OF PEACHLAND AVE, SET A STD CO.
ENGR BM BRASS CAP MON MK'D "BM
60-35 1960 RE5869" IN A 12" CONC
POST UP ABOUT 4", 5° S OF PP#1216745E,
& 55° SW'LY OF TP#101-23 & 3° W. OF
A YELLOW WITNESS POST

NOT RECOVERED, REPLACED WITH B.M. 60-35A, F.B. 3719-177 (11-4-66 G.E.D)

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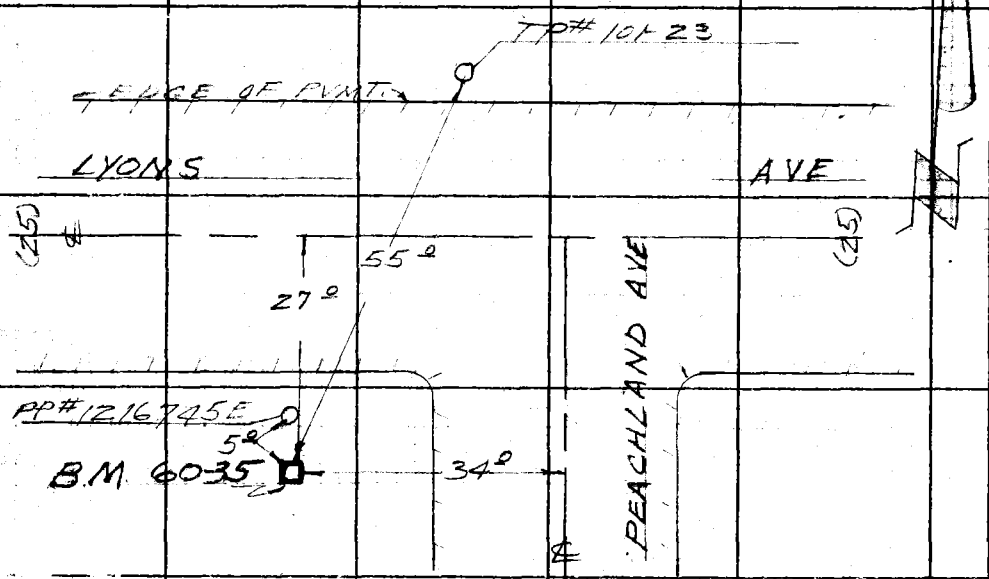
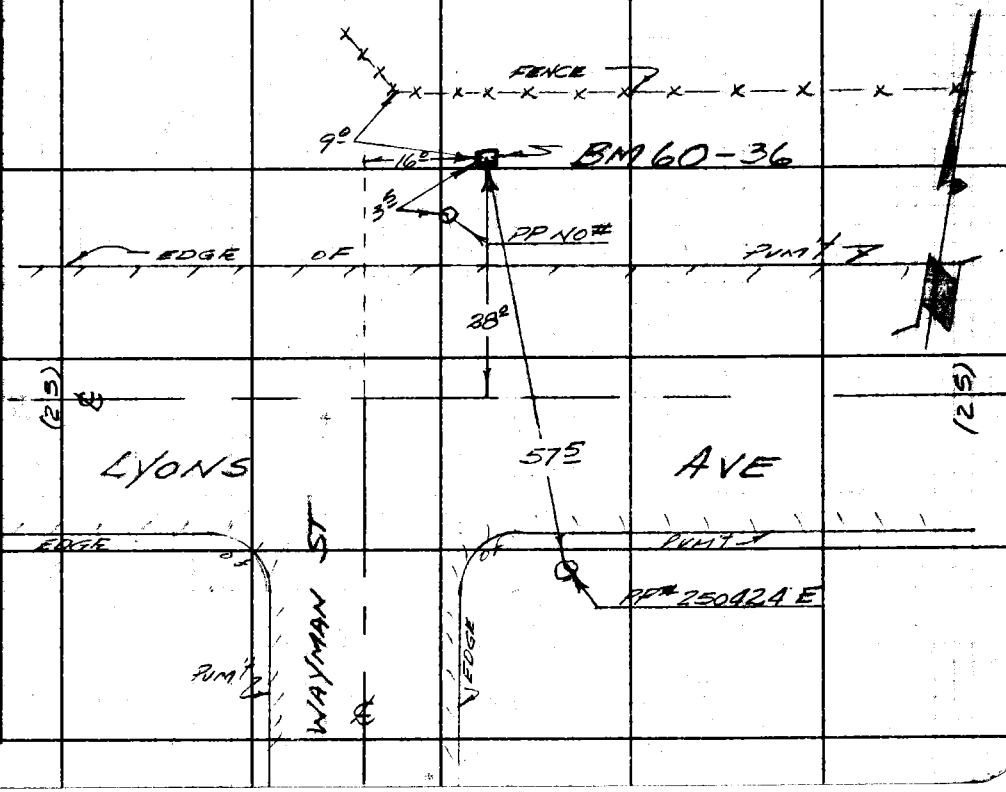


Notes Ck'd by	Survey of L.A. CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes RDG & ACG Date 12/28/60
Date	Indexed H.E. on

F. B. 2839 PG. 27

BM 60-36
NEWHALL — LYONS AVE & WAYMAN ST
N. SIDE OF STREET, 28° N OF ℄ LYONS
AVE & 16° E OF ℄ PRODUCED WAYMAN ST
3.5 N'LY FROM PP NO# & 57.5 NW'LY OF
PP# 250424 E, SET A STD CO. ENGR
BRASS CAP MON MK'D "BM 60 36 RE5869
1960" IN A 12" CONC POST UP ABOUT 4".
& 3° W. OF A YELLOW WITNESS POST
Destroyed, Replaced with BM 60-36A F.B 3719-179
10-29-76 D.L.B



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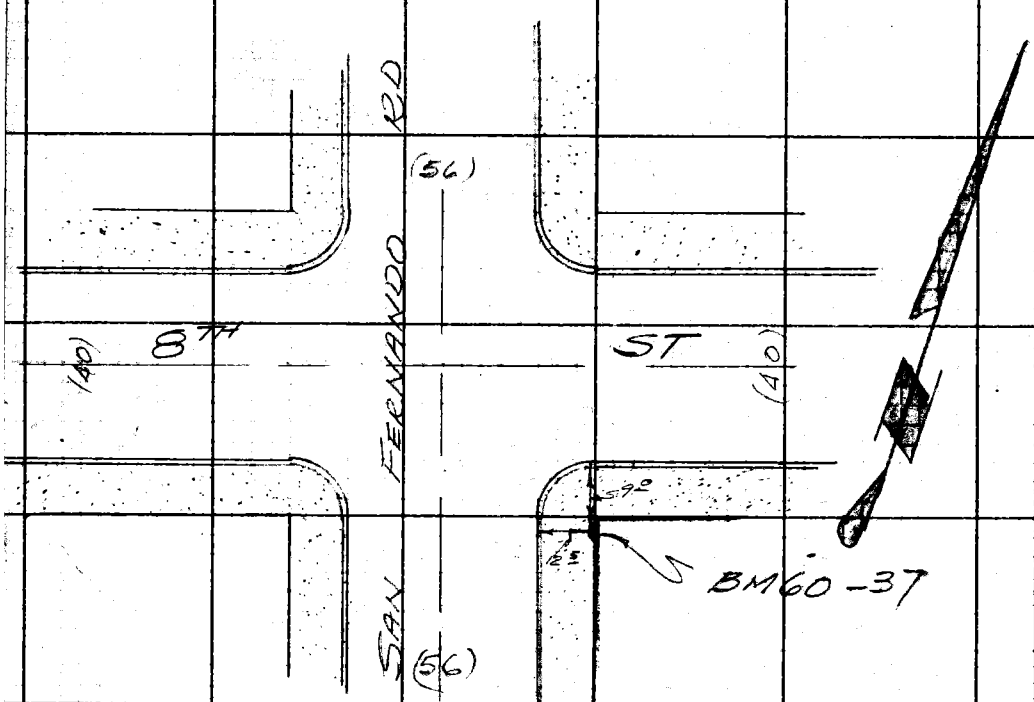
76F309S S&E #247 11-8

F.B. 2839 PG. 28

BM60-37 (USC&GS K-53 1926 RESET)
NEWHALL, SAN FERNANDO RD & 8TH ST.
AT NEWHALL SHOE STORE, FD VERTICALLY IN
THE SW. BRICK WALL, A BRONZE DISK
MKD" K-53 1926" 1.1 ft. SE OF W. COR,
4± ABOVE CONC. WALK, 12± E'ly FROM E'ly cb &
9± S'ly FROM S'ly cb.

NOTE: JAN '36, DISK WAS REMOVED & RELOCATED
BY CALIF. STATE HWY DEPT, DURING WIDENING
OF STREET & DISK WAS NEVER STAMPED "RESET".
REF. USC&GS 341183 pg 2
LINE 102

3-22-71 G.E.DREIER
NOT RECOVERED, OBVIOUSLY OUT. BLDG. IS NOW
BEING DEMOLISHED.



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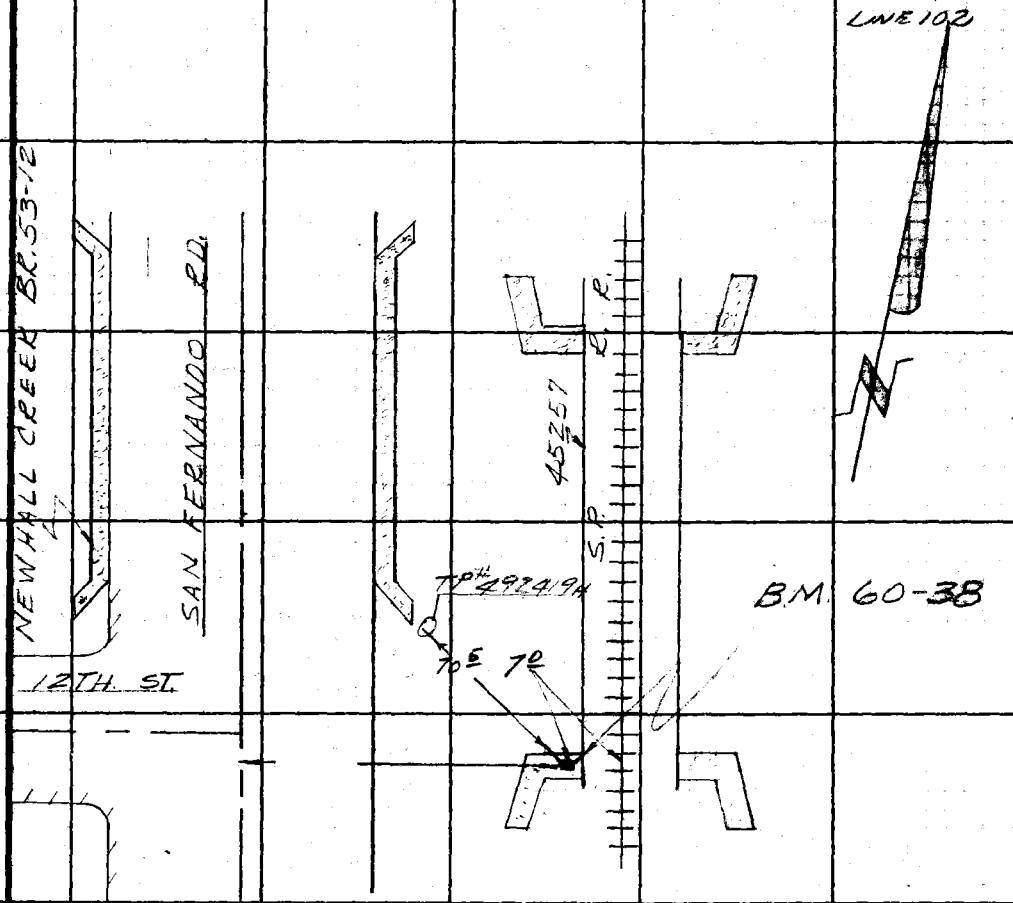
Notes Ck'd by	Surveyed by
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by A.C. GUIZADO
Checked	Notes RDG & ACG Date 12/22/60
Date	Indexed H. E. Ott

L.A. CO. PRECISE LEVEL NET F. B. 2839 PG. 29

BM 60-38 (USC&GS 49 C.H.C

NEWHALL, 0.3 MI NW'LY FROM THE SPRR CROSSING OF MARKET ST, AT SAN FERNANDO RD & 12TH ST, BALLAST DECK BRIDGE 452.57, IN TOP OF SW END OF SE CONC ABUTMENT, Fd AN IRON BOLT & WASHER MK'D "49 CHC" 7° SW OF THE SW RAIL, 32° S. OF ℄ 12TH PRODUCED E, 70' SE OF PP# 492419H

REF USC&GS 341183 pg 2 LINE 102



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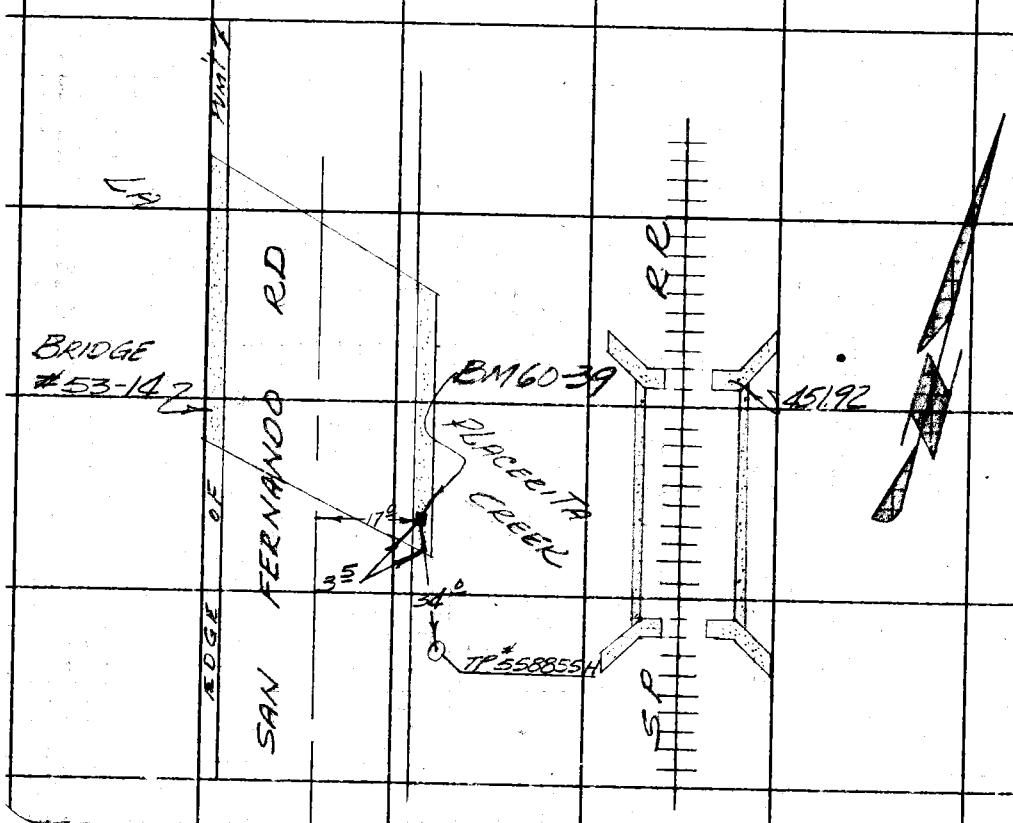
78F3098 S&E #247 11-58

F. B. 2839 Pg. 30

BM 60-39 (USC&GS Q-370 1953)
SAUGUS, 1½ MI S'LY FROM SPRR STATION AT SAUGUS, AT SAN FERNANDO RD & BRIDGE #53-14 OVER LA PLACERITA CREEK, Fd A BRASS DISK MK'D "Q 370 1953" IN THE TOP OF THE SO. END OF THE EAST CURB, 5½' W. OF THE W. RAIL, 17' E. OF ℄ OF SAN FERNANDO Rd, 3' S N. OF THE S. END OF cb & ABOUT LEVEL WITH TRACK

REF. USC&GS 341183 pg 2
LINE 102



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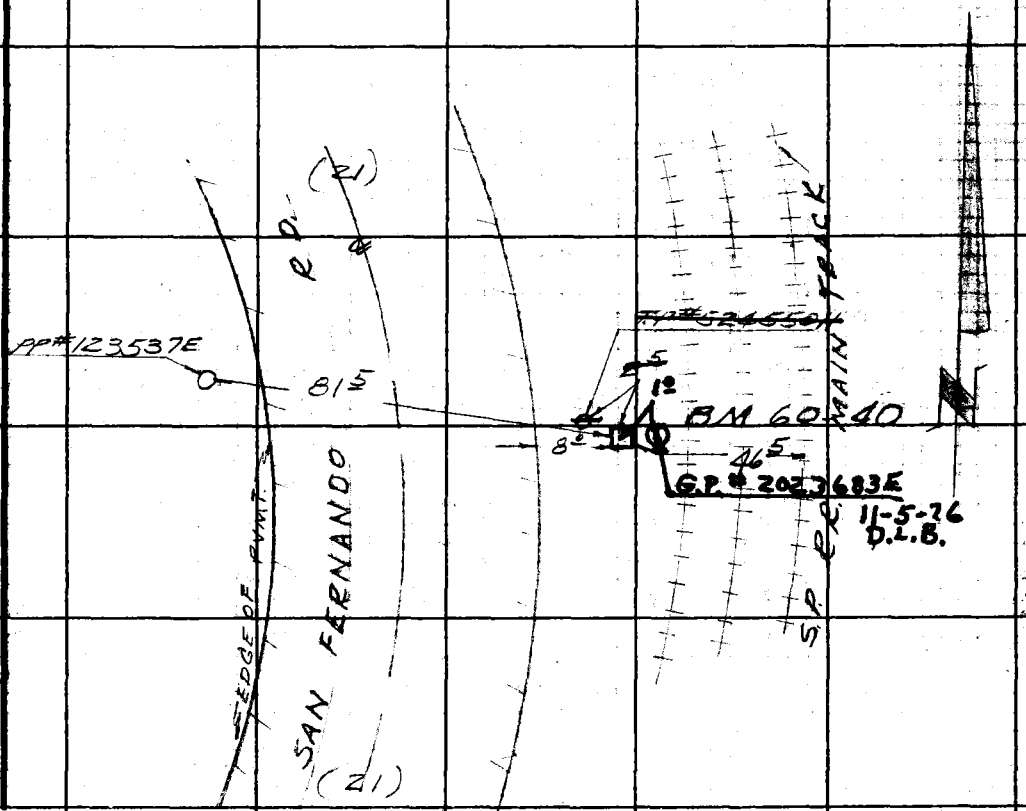
Notes Ck'd by	Survey of: L.A. CO. PRECISE LEVEL NET F. B. 2839 PG. 31
Map No.	JN 030102 Tape Std °F
Office Work	Surveyed by A.C GUIZADO
Checked	Notes RDG Date 12/29/60
Date	Indexed H. E. OTT

B.M. 60-40

SAUGUS, 0.2 MI SO. OF SP RR STATION AT SAUGUS, ALONG & ON E. SIDE OF SAN FERNANDO RD. SET A STD CO. ENGR BM BRASS CAP MON MK'D "BM 60-40 RE 5869 1960" IN A 12" CONC POST, ~~1.5 W. of G.P.# 2023683E~~ ~~2.5 SE of PP# 324550N~~, 46.5 W OF THE W. RAIL OF MAIN TRACK, 8.5 E. OF THE E. EDGE OF SAN FERNANDO Rd & 81.5 E. OF PP#123537E, 3.2 N OF A YELLOW WITNESS POST.

B.M. May have been disturbed during Installation of New Guy Pole, but appears firm Now. 11-5-76 D.L.B.



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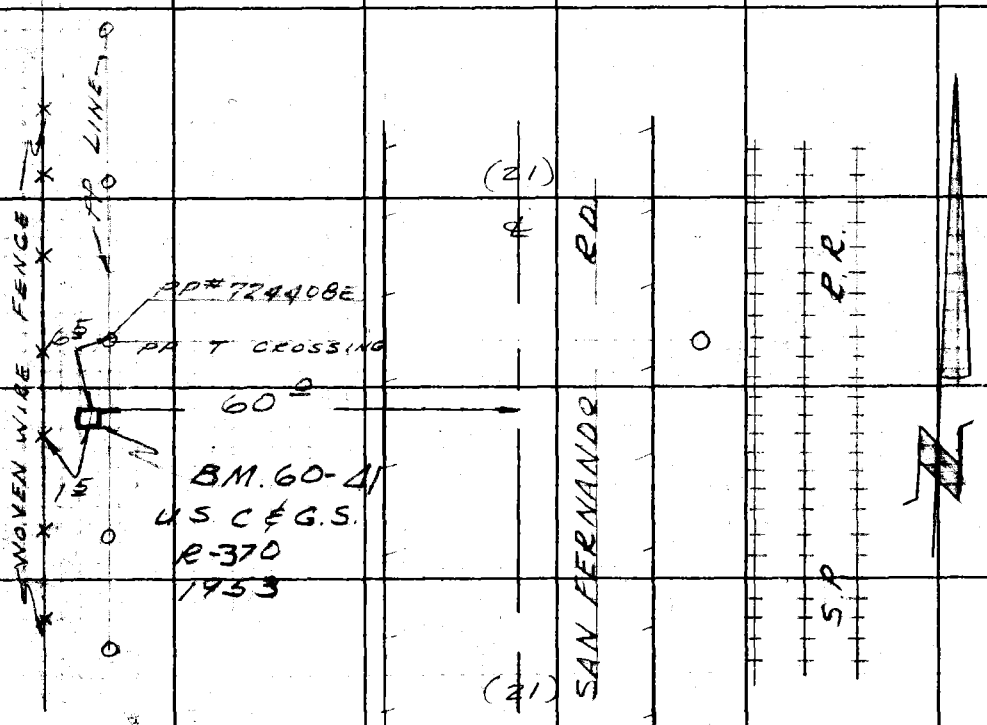
76F3098 S&E #247 11-58

F. B. 2839 Pg. 32

B.M. 60-41 (USC&GS R-370 1953)
SAUGUS, 0.3 MI S'LY FROM SPRR
STATION AT SAUGUS, 0.0 MI N'LY OF NEWHALL,
AT THE "T" JUNCTION OF POWER LINES, 60°
W. OF ℄ SAN FERNANDO RD, 15 W OF A
WOVEN WIRE FENCE & 6± S. OF PP# 724408E,
2° N OF A WHITE WITNESS POST, FD A STD
BRASS DISK MK'D "R-370 1953" SET ON
TOP OF A CONC POST, UP 0.2 ABOVE GROUND
& 5° LOWER THAN THE TRACK



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Notes Ck'd by	Survey **A. CO. PRECISE LEVEL NET**	F. B. 2839 PG. 33
Map No.	JN 0301.02 Tape Std. °F	
Office Work	Surveyed by A C GUIZADO	
Checked	Notes A C G Date 12/26/60	
Date	Indexed **B. E. OH**	

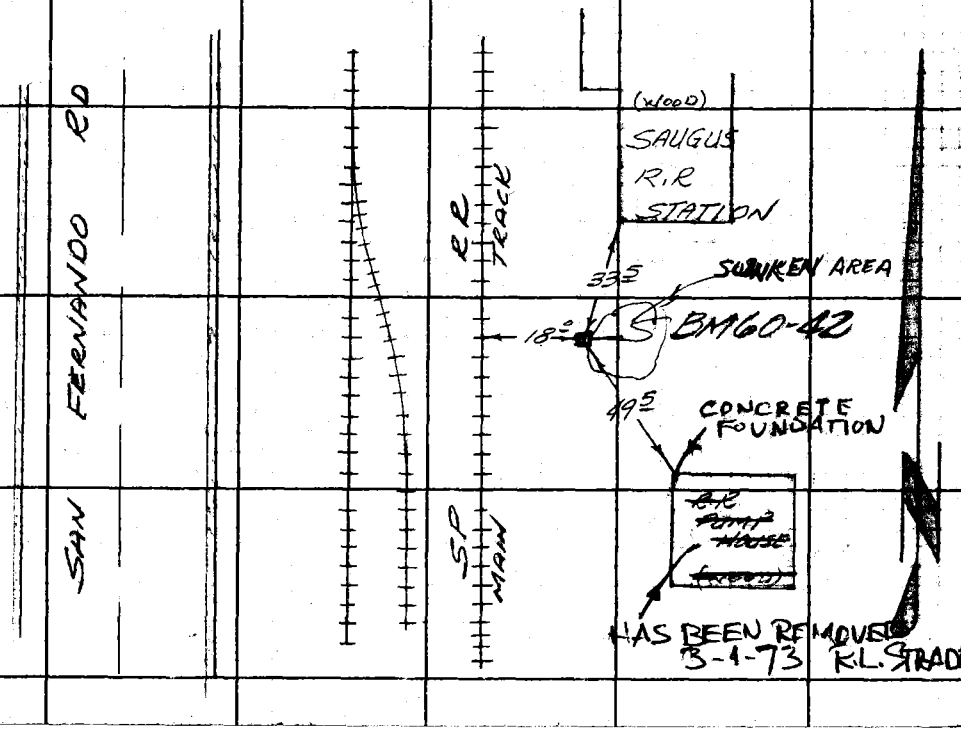
BM60-42 (USGS 1171)

AT SAUGUS, IN SPRR STATION Yard, 33.5 S. OF THE SW COR. OF STATION, 49.5 N. OF THE NW COR. OF ~~A PUMP HOUSE~~ CONCRETE FOUNDATION, 18° E. OF THE E. RAIL OF THE MAIN TRACK, 1¾ W. OF A POINT IN LINE WITH A ROW OF Guard pipes, & ABOUT LEVEL WITH THE TRACK, Rd A 3½" BRONZE CAP MK'D "USGS BM 1171" RIVETED ON top OF A 3½" IRON PIPE & FLUSH WITH GROUND.

NOTE: MARK IS LEANING SLIGHTLY TO EAST, ROD WAS HELD ON LETTERS "BM" ON WEST SIDE OF PIPE.

REF: USCGS 341183 Pg 1 LINE 102

3-10-71 G.E.D. STILL LEANS E'LY. B.M. APPEARS TO HAVE SETTLED IN A DEPRESSION TO E. CAUSED BY REMOVAL OF AN OLD OIL STORAGE TANK AND REFILL OF HOLE WITH DIRT.



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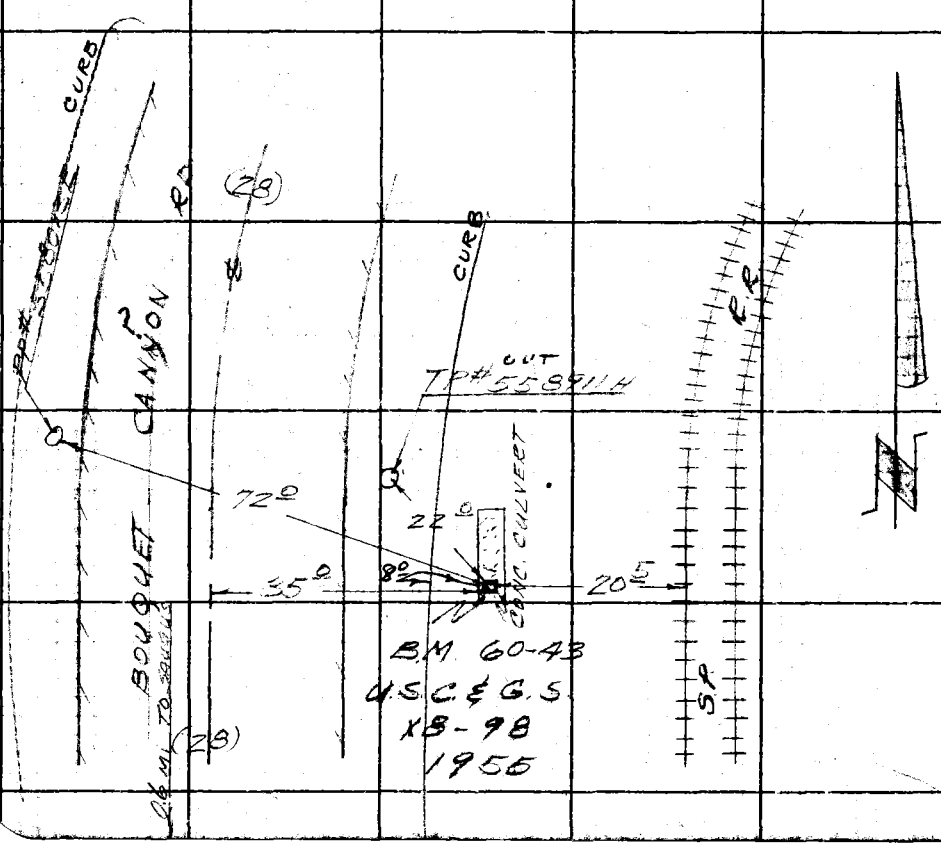
76F3088 SBE #247 11-58

F. B. 2835 Pg. 34

B.M. 60-43 (USC&GS X-898 1955)

BOUQUET CN RD & 0.6 MI. NO. FROM THE RR STATION AT SAUGUS, 20° W OF THE W RAIL, 35° E. OF THE ℄ OF RD, 22° SE OF PP#558911H, FD A BRASS DISC MKD "X 898 1955" SET IN CONC, IN TOP OF W. CONC HEADWALL, 1.1 N. OF THE S. END & ABOUT 6' LOWER THAN THE TRACK

REF: USC&GS 321183 pg 1
LINE 101



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76P526B CE # 306 8-59

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

SURVEY BY A L C G 012 ADO WEATHER COOL & WINDY INST. NO. 75331

NOTES BY A L G DATE 12-21-60 TIME 3:00 TO 9:15 ROD NO. 9529

INDEXED H E OTT DATE JAN 1 8 1961 NOTES CHKD DATE

F.B. 2839 Pg. 59

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-1 TO BM 60-2
BM 60-1													BM 60-1 (USGS R-10 1924)
1	246	432	547	5	273 / 218	55	062	678	363	5	89 / 34	55	SAN FERNANDO RD & ROXFORD ST.
2	253	696	554	5	280 / 224	56	094	205	395	5	121 / 66	55	SEE F.B. 2839-9 FOR DESC
3	287	618	588	5	X2 287 / 260	54	042	487	343	5	69 / 14	55	
4	269	968	570	5	288 / 250	38	035	534	336	5	54 / 16	38	
5	227	931	528	5	238 / 215	23	149	735	450	5	161 / 137	24	R. D GLIDDEN
	1285	705	CM			216	384	639	CM			227	
	384	639										226	
Off 1 Elev	901	066	CM								Meters	453	
BM 60-2													BM 60-2 (CIT/2.F.L.A 3-J-22) SAN FERNANDO RD & OGDEN ST SEE F.B. 2839-10 FOR DESC

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INST. NO. N3 75234
ROD NO. 9589C
DATE
WEATHER WINDY
TIME 10 55 To 11 10
NOTES CHKD

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-2 TO BM 60-1
BM 60-2													BM 60-2 City of LA 3-J-22
1	148	309	449	5	160 / 136	24	224	789	525	5	235 / 212	23	SAN FERNANDO RD & GLOEN ST
2	032	402	333	5	51 / 12	39	264	852	565	5	283 / 245	38	SEE F.B 2839-10 FOR DESC
3	038	429	339	5	85 / 30	55	276	707	577	5	V2 276 / 293	54	
4	081	292	382	5	108 / 53	55	252	304	553	5	279 / 224	55	
5	063	545	304	5	89 / 35	54	246	363	597	5	274 / 218	56	⊼ R.D GLIDDEN
TOTAL	363	977	CM			227	1265	015	CM			226 / 227 / 453	METERS
							363	977					
Diff in Elev							901	038	CM				
BM 60-1													BM 60-1 (USGS R10-1924) SAN FERNANDO RD & ROXFORD ST SEE F.B 2839-9 FOR DESC

F.B. 2839 P.O. 52
SURVEY OF L.A. CO. PRECISE LEVEL NET
JOB NO. 0301.02
SURVEY BY A.C.G. NOTES A.L.G. 12-21-60
INDEXED W. E. OTT DATE

76P526B CE # 306 8-59

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

SURVEY BY A. C. GUIZADO WEATHER WINDY INST. NO. 75-134

NOTES BY A. L. G. DATE 12-21-60 TIME 9.15 TO 9.45 ROD NO. 35436

INDEXED DATE H. E. OH NOTES CHKD DATE

F.B. 2839 PG. 53

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 60-2 To BM 60-3
BM 60-2													BM 60-2 (City of LA 3-J-22)
1	253	168	554	5	281 224	57	187	350	488	5	215 159	56	SAN FERNANDO RD ℄
													OLDEN ST
2	074	276	375	5	102 46	56	257	631	558	5	285 229	56	SEE F.B. 2839-10 FOR DESC
3	088	840	389	5	115 60	55	229	297	530	5	256 201	55	
4	086	873	387	5	113 58	55	227	153	528	5	254 199	55	
5	156	145	457	5	164 148	16	164	436	565	5	172 156	16	
6	158	405	459	5	185 130	55	152	938	453	5	179 124	55	⊼ R. D GLIDDEN
7	206	202	507	5	233 178	55	030	206	331	5	57 2	55	
8	281	777	582	5	282 253	56	090	236	391	5	117 62	55	
9	185	018	490	5	217 161	56	134	642	435	5	161 107	54	
TOTAL	1494	704	CM			461	1473	889	CM			457	
	1473	889										461	
Diff in Elev	20	815	CM								Meters	918	
BM 60-3													BM 60-3 (USCEGS RESET 0-53 P.46)
													SAN FERNANDO RD ℄
													0.2 MI E. OF Hwy 99
													SEE F.B. 2839-11 FOR DESC

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INST. NO. N3 75234 ROD NO. 35696

WEATHER GUSTY TIME 10.25 To 10.55 NOTES CHKD DATE

F.B. 2839 PG. 54 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 12-21-60

INDEXED BY E OM DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-3 TO BM 60-2
BM 60-3													BM 60-3 (USCEGS 0-53 1946)
1	142	071	443	5	199 / 175	54	199	175	500	5	226 / 171	55	SAN FERNANDO RD &
													0.2 MI E. OF HWY 99
2	091	752	392	5	118 / 63	55	279	718	580	5	287	56	SEE F.B. 2839-11 FOR DESC
3	029	410	330	5	57 / 2	55	203	804	504	5	230 / 175	55	
4	150	578	451	5	177 / 122	55	156	762	457	5	183 / 128	55	
5	163	835	464	5	171 / 154	17	156	842	457	5	165 / 148	17	
6	227	582	528	5	254 / 199	55	088	068	389	5	[illegible]	55	TR D GLIDDEN
7	230	835	531	5	258 / 202	56	088	608	389	5	[illegible]	55	
8	250	721	551	5	277 / 222	55	065	574	366	5	93 / 37	56	
9	183	074	484	5	211 / 155	56	252	044	553	5	280 / 223	57	
TOTAL	1463	828	CM			458	1490	655	CM			461	
							1463	828				458	
							20	827	CM			919	METERS
Diff in Elev BM 60-2													BM 60-2 (City of LA 3-J-22)
													SAN FERNANDO RD &
													OLDEN ST
													SEE F.B. 2839-10 FOR DESC

76P526B CE # 306 8-59

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

SURVEY BY A L G GUIZ A00 DATE 12-21-60 WEATHER GOOD

NOTES BY A L G TIME 9.45 TO 10.05 INST. NO. 75234

INDEXED H. E. OTT DATE NOTES CHKD DATE ROD NO. 95E96

F.B. 2839 PG 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-3 TO BM 60-5
BM 60-3													BM 60-3 (USCEGS 0-53)
1	210	652	511	5	237 / 182	55	156	023	457	5	183 / 128	55	SAN FERNANDO Rd & 03 mi E'LY OF SEPULVEDA BLVD
2	158	042	459	5	173 / 142	31	165	398	460	5	180 / 150	30	SEE FB 2839-11
3	150	572	451	5	169 / 130	39	219	339	520	5	238 / 199	39	
TOTAL	519	266	CM			125	540	760	CM			124	
							519	266				25	
												259	METERS
DISS in Elev							21	494	CM				
BM 60-4													BM 60-4 (City of LA 3-I-20)
1	159	108	460	5	174 / 143	31	092	736	393	5	104 / 76	32	SAN FERNANDO Rd & US Hwy 99 OVERHEAD BRIDGE
2	173	095	474	5	180 / 166	12	019	672	320	5	28 / 10	18	SEE FB 2839-12
TOTAL	332	203	CM			43	112	408	CM			50	
	112	408										43	
												93	METERS
DISS in Elev	219	795	CM										
BM 60-5													BM 60-5 (USCEGS V-898 1956) SAN FERNANDO Rd & US Hwy 99 OVERHEAD BRIDGE SEE FB 2839-12

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WEATHER WINDY INST. NO. 73 234 1/3
TIME 1005 To 1025 ROD NO. 85 & 95
NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM Co-5 TO BM Co-3
BM Co-5													BM Co-5 (USC&GS V-898 1955)
1	018	702	—	5	26 / 10	16	172	215	473	5	180 / 164	16	SAN FERNANDO RD & US HWY 99
													OVERHEAD BRIDGE
2	096	102	397	5	112 / 80	32	162	475	463	5	177 / 146	31	SEE FB 2839-12
TOTAL	114	604	CM			48	334	690	CM			47 / 48	
							114	804				95	METERS
DIFF IN ELEV							219	886	CM				
BM Co-4													BM Co-4 (City of LA 3-I-20)
1	218	096	519	5	237 / 198	39	149	501	450	5	168 / 129	39	SAN FERNANDO Rd & US HWY 99
													SEE FB 2839-12
2	166	492	467	5	181 / 150	31	158	642	459	5	173 / 142	31	
3	156	688	457	5	183 / 128	55	211	647	512	5	238 / 183	55	
TOTAL	541	276	CM			125	519	790	CM			125 / 125 / 250	
	519	790											
DIFF IN ELEV	21	486	CM										
BM Co-3													BM Co-3 (USC&GS RESET 0-53 1946)
													SAN FERNANDO Rd & 0.3 MI E'LY OF SEPULVEDA BLVD
													SEE FB 2839-11

F.B. 2839 PG. 56 JOB NO. 0381.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.C.G. NOTES A.L.C.
INDEXED H. E. ON DATE

76P626B 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 A L C GUIZADO WEATHER GUSTY WIND INST. NO. 75237

NOTES BY H. E. OTT DATE 12-21-60 TIME 1:00 TO 1:35 ROD NO. 35296

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG 57

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-4 TO BM 60-6
BM 60-4													BM 60-4 (CITY OF LA 3-I-20)
1	160	910	461	5	175 144	31	095	081	336	5	110 79	31	SAN FERNANDO RD & US HWY
													99 OVERHEAD BRIDGE
2	171	001	472	5	180 163	17	017	008	—	5	25 9	16	SEE F.B 2839-12 FOR DESC
TOTAL	331	911	CM			48	112	089	CM			47 48	
	112	089										95	METER
DIFF IN ELEV	219	822	CM										
BM 60-5													BM 60-5 (USCEGS V-898 1955)
1	040	435	—	5	60 20	40	140	753	441	5	159 120	39	SAN FERNANDO RD & US HWY
													99 OVERHEAD BRIDGE
2	174	230	475	5	201 146	55	170	145	471	5	198 141	57	SEE FB2839-12
3	167	008	468	5	195 139	56	193	813	494	5	221 165	56	
4	131	269	432	5	189 132	57	137	411	438	5	165 109	56	R.O. GLIDDEN
5	167	671	468	5	195 139	56	097	801	388	5	124 69	55	
6	234	678	535	5	261 206	55	130	472	431	5	157 102	55	
7	128	888	429	5	160 96	64	159	683	460	5	191 127	64	
TOTAL	1044	179	CM			383	1030	078	CM			382 383	
	1030	078										765	METER
DIFF IN ELEV	14	101											
BM 60-6													BM 60-6 (CITY OF LA HEX BAR)
													SAN FERNANDO RD & BALBOA BLVD
													SEE FB 2839-13

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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. 2839 PG. 58 — SURVEY OF L.A. CO. PRECISE LEVEL NET — JOB NO. 830/002

SURVEY BY ACG — NOTES ALG — DATE

INDEXED H.E.O.T. — DATE

WEATHER Cool & Windy — INST. NO. N3 75234

TIME 1.35 TO 2.10 — ROD NO. 95876

NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-6 TO BM 60-4
BM 60-6													BM 60-6 (City of LA Alex Brel)
1	157	895	458	5	189 / 125	64	127	341	428	5	159 / 95	64	SAN FERNANDO Rd & Balboa Blvd
													SEE FB2839-13
2	135	718	436	5	162 / 107	55	240	700	541	5	267 / 212	55	
3	100	680	401	5	127 / 72	55	[illegible]	472	470	5	197 / 141	56	
4	138	173	439	5	165 / 110	55	131	937	432	5	159 / 102	57	
5	194	145	495	5	222 / 166	56	167	747	468	5	195 / 139	56	
6	170	185	471	5	198 / 141	57	173	452	474	5	200 / 145	55	
7	136	825	437	5	155 / 117	38	036	836	—	5	56 / 10	46	
TOTAL	1033	621	CM			380	1047	545	CM			383 / 380	
							1033	621				763	METERS
Diff in Elev							13	924					
BM 60-5													BM 60-5 (USCEGS V-898 1955)
1	018	561	—	5	28 / 12	16	172	435	473	5	181 / 164	17	SAN FERNANDO Rd & US Hwy 99
													OVERHEAD BRIDGE
2	096	684	397	5	111 / 80	31	162	680	463	5	177 / 146	31	SEE FB 2839-12
TOTAL	115	245	CM			47	335	115	CM			48 / 47	
							115	245				95	METERS
Diff in Elev							219	870	CM				
BM 60-4													BM 60-4 (City of LA 3-I-20)
													SAN FERNANDO Rd & US Hwy 99
													OVERHEAD BRIDGE
													SEE FB 2839-12

76PS2868 CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

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

Do not extend notes this side of this line.

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

SURVEY BY A. C. GULLEDGE WEATHER Windy 11 INST. NO. 73346

NOTES BY H. E. OTT DATE 12-29-60 TIME 10:20 to 10:50 ROD NO. 95712

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG 59

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-6 TO BM 60-7
BM 60-6													BM 60-6 (City of L.A. MON)
1	266	858	567	5	281 / 250	31	041	734	342	5	56 / 25	31	SAN FERNANDO Rd & BALBOA Blvd
													SEE FB 2839-13
2	282	153	583	5	295 / 269	26	029	867	330	5	42 / 16	26	
3	272	468	573	5	286 / 258	28	114	662	415	5	128 / 99	29	⊥ R. D. GHODEN
4	256	628	557	5	279 / 232	47	063	796	364	5	86 / 39	47	
5	247	981	548	5	270 / 224	46	067	380	368	5	90 / 43	47	
6	281	297	582	5	281 / 257	48	078	145	379	5	100 / 55	45	
7	244	261	545	5	267 / 220	47	068	231	369	5	[illegible]	46	
8	253	422	554	5	275 / 230	45	060	448	361	5	83 / 37	46	
9	376	073	577	5	276 / 248	56	079	698	380	5	107 / 50	57	
TOTAL	2381	141	/			374	603	961				374	
	603	961										374	
												748	METERS
DIFF/ELEV BM 60-7	1777	180	/										
													BM 60-7
													SAN FERNANDO Rd & 0.5 N. of BALBOA BLVD, SEE FB 2839-14

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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. 2839 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C.E. 66 NOTES 4C6 DATE

INDEXED

WEATHER Windy TIME 10:50 to 11:30 NOTES CHKD. DATE

INST. NO. 75234 ROD NO. 25896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-7 TO BM 60-6
BM 60-7													BM 60-7
1	076	492	377	5	104 / 47	57	270	756	571	5	298 / 242	56	SAN FERNANDO Rd & 0.5 MI. No. of
													BALBOA BLVD SEE FB 2839-14
2	057	931	358	5	80 / 34	46	252	542	553	5	275 / 229	46	
3	065	352	366	5	88 / 42	46	241	819	542	5	264 / 217	47	
4	082	309	383	5	107 / 58	49	287	801	588	5	287 / 264	46	
5	070	235	371	5	93 / 47	46	248	486	549	5	272 / 225	47	
6	064	732	365	5	87 / 40	47	257	104	558	5	280 / 233	47	
7	119	038	420	5	134 / 104	30	275	380	576	5	289 / 261	28	
8	026	481	327	5	38 / 14	24	280	559	581	5	293 / 266	27	
9	040	182	341	5	55 / 24	31	265	267	566	5	280 / 249	31	
TOTAL	602	752				376	3379	714				375	
							602	752				372	
												751	METERS
DIFF/ELEV							1776	962					
BM 60-6													BM 60-6 (CITY OF LA MON)
													SAN FERNANDO Rd & BALBOA BLVD
													SEE FB 2839-13

76P5268 CE # 308 6-59

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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 A. C. GUIZADO WEATHER SUNNY & WINDY INST. No. 75234

NOTES BY A. C. G. DATE 12-29-60 TIME 1:30 TO 2:05 ROD NO. 25696

INDEXED DATE NOTES CHKD DATE

F.B. 2839 Pg. 61

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 60-7 To BM 60-8
BM 60-7	256	376	557	5	279 / 232	47	044	338	345	5	67 / 21	46	BM 60-7
													SAN FERNANDO RD & 0.5 MI. NO. OF
2	258	500	559	5	261 / 235	46	073	844	374	5	96 / 50	46	BALBOA BLVD; SEE FB 2839-14
3	217	635	518	5	240 / 193	47	065	752	366	5	88 / 41	47	
4	242	758	543	5	264 / 220	44	054	950	355	5	77 / 30	47	
5	362	094	563	5	285 / 238	47	065	503	366	5	88 / 42	46	↑ E. D. GLIDDEN
6	272	579	573	5	295 / 248	47	074	940	375	5	98 / 51	47	
7	255	581	556	5	278 / 231	47	075	222	376	5	98 / 52	46	
8	235	871	536	5	258 / 212	46	064	494	365	5	87 / 40	47	
9	256	134	557	5	279 / 232	47	057	292	358	5	80 / 34	46	
10	249	352	550	5	272 / 226	46	057	821	358	5	80 / 34	46	
11	242	366	543	5	265 / 219	46	067	895	368	5	90 / 44	46	
12	248	382	549	5	271 / 225	46	029	593	330	5	53 / 6	47	
13	185	498	486	5	194 / 176	18	009	189	—	5	17 / 1	16	
TOTAL	3183	126	/			574	740	833				573 / 574	BM 60-8 (USC&GS ⊙ 898 1955)
	740	833	/								METERS =	147	SPKR & NE CUBE OF BM 60
Diff Elev	2442	293	/										#53-72 SEE FB 2839-15
BM 60-8													

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.

WEATHER Sunny/windy INST. NO. N3 15234
TIME 12:45 TO 1:30 ROD NO. 15892
NOTES CHKD. _____ DATE _____

F.B. 2839 PG. 62
SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY ACG NOTES ACG DATE 03.01.02
INDEXED B.E. OH

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM60-8 TO BM60-7
BM 60-8	011	039	—	5	19 / 3	16	187	504	488	5	195 / 178	17	BM 60-8 (USC&GS Q 898 1955) SPRR & NE Pier of Bridge #53-72 SEE FB2839-15
2	052	848	353	5	75 / 29	46	273	132	574	5	276 / 230	46	
3	064	589	365	5	86 / 41	45	237	637	538	5	260 / 214	46	
4	054	830	355	5	77 / 30	47	246	208	547	5	268 / 223	45	
5	057	814	358	5	80 / 32	46	256	429	557	5	279 / 232	47	
6	069	979	370	5	92 / 45	47	234	914	535	5	257 / 210	47	
7	071	483	372	5	94 / 48	46	258	211	559	5	281 / 234	47	
8	075	197	376	5	98 / 52	46	274	405	575	5	297 / 250	47	
9	069	547	370	5	93 / 46	47	263	491	564	5	286 / 239	47	
10	050	930	351	5	73 / 26	47	240	303	541	5	262 / 218	44	
11	066	758	367	5	89 / 42	47	218	517	519	5	241 / 194	47	
12	078	537	379	5	100 / 56	44	263	362	564	5	287 / 239	48	
13	051	242	352	5	74 / 28	46	263	270	564	5	287 / 240	47	BM 60-7
TOTAL	774	793				570	3217	283	/			575 / 570	SAN FERNANDO RD & 0.5 MI NO OF SEPULVEDA BLVD SEE FB2839-14
							774	793			MATCH	1145	
DIFF/ELEV BM60-7							2442	490	/				

76P526B CE # 308 8-59

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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	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM60-8 To BM60-9
BM60-8													BM60-8 (USC&GS Q 898 1955)
1	051	030	—		54 / 48	6	152	131	453	5	155 / 148	7	SPRE & NE Pier of Bridge #53-72
													See FB 2839-15
2	238	967	539	5	261 / 215	46	058	638	359	5	81 / 34	47	
3	277	875	578	5	300 / 254	46	106	068	407	5	129 / 83	46	
													↑ R.D. GLIDDEN
4	288	628	589	5	289 / 243 2	48	078	712	379	5	125 / 55	46	
5	203	112	5p4	5	217 / 190	27	007	870	—		20 / 7 2	26	
TO TAL	1059	612				74	403	419				174 / 124	
	403	419										345	METERS
D.H/ELEV	656	193											
BM60-9													BM60-9 (USC&GS M-53 1926)
													SPRE & Tunnel 25, IN FACE
													of SE conc. portal
													SEE FB 2839-16

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

SURVEY BY A.C. GUIZADO

NOTES BY BCG

INDEXED H.E. OH

DATE 12-29-60

WEATHER Windy

TIME 3:10 to

INST. NO. 75238

ROD NO. 2842

NOTES CHKD

DATE

F.B. 2839 PG. 63

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LOS ANGELES COUNTY ENGINEER

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

Do not extend notes this side of this line.

F.B. 2839 Pg. 64 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG DATE

INDEXED H. E. Ott

WEATHER Windy INST. NO. N3 75234

TIME 227 to 2.42 ROD NO. 95 E96

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-9 TO BM 60-8
BM 60-89													BM 60-9 (USCE&GS N53
1	007	028	—		20 / 7 2	26	302	348	503	5	215 / 188	27	SPRC & Tunnel #25
													in face of SE conc portal
2	077	023	378	5	100 / 53	47	287	000	588	5	287 / 264 2	46	SEE FB 2839-16
3	108	319	409	5	131 / 85	46	280	158	581	5	280 / 257 2	46	
4	059	577	360	5	82 / 36	46	239	747	540	5	262 / 216	46	
5	154	508	455	5	157 / 150	7 / 172	053	339	—		56 / 49	7	
TOTAL	406	455	/				1062	592	/			172 / 172 / 360	
							406	455					METERS
DIFF/ELEV							656	137	/				
BM 60-8													BM 60-8 (USCE&GS Q898 1955)
													SPRC & VE PEC OF Bridge
													53-72 SEE FB 2839-15

76P526B CE # 308 8-59

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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 A.C. GALLARDO WEATHER Windy

NOTES BY H. E. Ott DATE 12/30/60 TIME 10:10 & 10:35 INST. NO. 13222

INDEXED DATE NOTES CHKD DATE ROD NO. 13222

F.B. 2839 PG. 65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM60-8 TO TBM
BM60-8													BM60-8 (USC&GS Q 398 1955)
1	044	258	—	5	47 41	6	046	725	347	5	50 43	7	SPRE & NE Pier of Bridge #53-72
													See FB2839-15
2	219	751	520	5	227 211	16	016	100	317	5	25 7	18	
3	282	388	583	5	289 275	14	019	327	320	5	25 12	13	π A.L. GOBLE
4	294	127	595	5	301 287	14	004	772	305	5	11 4 2	14	
5	132	440	433	5	152 112	40	064	961	365	5	83 46	37	
TO TAL	972	964	/			90	151	885				69 85	
	151	885										74	METERS
DIFF/ELEV	821	079	/										
TBM													TBM — SPRE & Tunnel Sta Bridge #53-72 Fd chis Boss on top of end of Bridge Bronze Plaque at SE cor of Bridge

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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.

WEATHER Light Wind INST. NO. N375234

TIME 11:30 to 12:05 ROD NO. 95876

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM TBM TO BM 60-8
TBM													TBM - SPRC & TUNNEL sta
1	072	027	373	5	91 / 53	38	135	461	436	5	154 / 116	38	Bridge #53-72 Rd chis cross on
2	022	957	323	5	29 / 16	13	298	288	599	5	298 / 292 ~	12	Top of end of Bridge Bronze
3	007	366	308	5	15 / 7 ~	16	288	764	589	5	295 / 282	13	Plaque at SE cor. of Bridge
4	021	507	322	5	30 / 12	18	224	967	525	5	233 / 216	17	
5	055	361	356	5	55 / 52	6	052	753			56 / 48	8	
TOTAL	179	218				91	1000	233				88 / 91	
							179	218				179	meters
DIFF/ELEV BM 60-8							821	015					BM 60-8 (USC&GS Q 898 1955)
													SPRC & NE PIER OF BRIDGE #53-72
													SEE FB 2839-15

F.B. 2839 PG. 66 JOB NO. 0301.02

SURVEY OF A. CO. PRECISE LEVEL NET

SURVEY BY H.E.G. NOTES ACG

INDEXED B.E.O.M. DATE

76P526B CE # 306 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. GUIZADO WEATHER Windy

NOTES BY H.E. OTT DATE 12/30/60 TIME 10:35 TO 11:15 INST. NO. 25226

INDEXED DATE NOTES CHKD DATE ROD NO. 25226

F.B. 2839 PG. 67

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From TBM To BM 60-10
TBM													TBM - SP RR & TUNNEL Sta
1	082	563	383	5	89 / 75	14	153	932	454	5	160 / 146	14	Bridge #53-72 Fd CNIS. CROSS
2	133	700	434	5	148 / 118	30	028	402	329	5	43 / 13	30	ON Top of END of Bridge Bronze
3	278	601	579	5	288 / 267	21	013	117	314	5	24 / 3	21	Plaque at SE COR of Bridge
4	293	795	594	5	293 / 281 2	24	021	759	322	5	32 / 10	22	TT AL GOBLE
5	282	448	583	5	296 / 270	24	011	330	312	5	24 / 11 2	26	SUMMATION OF RUN TBM TO BM 60-10
6	284	482	585	5	297 / 272	25	016	118	317	5	28 / 5	23	
7	288	817	589	5	300 / 276	24	012	392	313	5	25 / 12 2	26	TOTAL BACKSIGHTS +3363.193
8	292	221	593	5	292 / 280 2	24	014	888	315	5	26 / 2	24	" FORESIGHTS - 372.211
9	296	583	597	5	296 / 284 2	24	023	467	324	5	35 / 11	24	DIFF IN ELEV = +2990.982
10	268	738	569	5	279 / 258	21	009	781	310	5	19 / 9 2	20	
11	279	878	580	5	290 / 268	22	023	173	324	5	34 / 12	22	
12	288	122	589	5	299 / 277	22	017	118	318	5	28 / 6	22	BM 60-10 (State BM # 1 F 40)
13	293	245	594	5	293 / 280 2	26	026	734	327	5	39 / 13	26	FRONTAGE Rd & .03 mi N'ly of TUNNEL STATION BRIDGE
TOTAL	3363	193	/			301	372.	211			METERS =	280 / 301 601	SEE FB 2839-17

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.

WEATHER Wind ok INST. NO. N3 7234
TIME 11:15 to 11:50 ROD NO. 75892
NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-10 TO TBM
BM 60-10	022	107	323	5	35 9	26	289	062	590	5	287 276 2	26	BM 60-10 (State BM # 1F40)
2	022	698	323	5	34 11	23	292	946	593	5	292 281 2	22	FRONTAGE Rd & 03 mi N'ly of
3	024	655	325	5	35 13	22	282	070	583	5	293 271	22	TUNNEL STATION BRIDGE
4	013	713	314	5	23 3	20	272	496	573	5	283 262	21	SEE FB 2839-17
5	022	985	323	5	36 10	24	296	202	597	5	296 284 2	24	
6	011	440	312	5	23 11 2	24	288	392	589	5	299 276	23	SUMMATION OF RUN
7	012	583	313	5	24 12 2	24	289	287	590	5	301 277	24	BM 60-10 to TBM
8	012	452	313	5	24 12 2	24	280	285	581	5	292 268	24	TOTAL BACKSIGHTS +383.599
9	018	350	319	5	30 6	24	288	363	589	5	300 276	24	" FORESIGHTS -3374.575
10	017	957	318	5	29 5	24	291	201	592	5	291 279 2	24	DIFF IN ELEV = -2990.976
11	014	848	315	5	25 3	22	280	720	581	5	291 269	22	
12	032	864	333	5	47 17	30	138	350	439	5	153 123	30	
13	156	947	457	5	163 149	14	085	201	386	5	92 78	14	TBM - Sprg & Tunnel sta Bridge
TOTAL	383	599				301	3374	575				300 301	#53-72 Fd chis Cross on top of end
TBM											note	601	of Bridge Bronze Plaque at
													SE cor of Bridge

F.B. 2839 PG. 68 SURVEY OF A. CO. PRECISE LEVEL NET NO. 0301.02
SURVEY BY ACG NOTES ACG DATE
INDEXED H.F. OD

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 A C G U Z A O O WEATHER WINDY & SUNNY INST. NO. 75234

NOTES BY A L G DATE 1-3-61 TIME 10:45 TO 11:00 ROD NO. 95 & 96

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2839 PG. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-10 TO BM 60-11
BM 60-10													BM 60-10 (1 F 40)
1	137	090	438	5	144 / 130	14	151	626	452	5	157 / 146	11	SAN FERNANDO RD & 0.3 MI
													NO. OF TUNNEL STATION BRIDGE
2	273	977	580	5	289 / 269	20	020	352	321	5	29 / 10	19	SEE F.B. 2839-17 FOR DESC
3	288	414	589	5	298 / 278	20	021	776	322	5	33 / 10	23	
4	293	999	594	5	X2 293 / 282	22	029	196	330	5	40 / 18	22	
5	286	238	587	5	296 / 276	20	029	651	330	5	38 / 18	20	⊼ R.D GLIDDEN
6	298	063	599	5	X2 298 / 288	20	026	780	327	5	36 / 13	23	
7	254	522	559	5	272 / 236	36	053	168	354	5	71 / 36	35	
TOTAL	1838	293	CM			152	332	549	CM			150	
	332	549										152	
DIST IN ELEV	1505	744	CM								Meters	302	
BM 60-11													BM 60-11 (2 F 40)
													GOLDEN STATE HWY 99 & 1.2
													MI FROM LYONS AVE
													SEE F.B. 2839-19 FOR DESC

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.

WEATHER WIND Y & SUNNY INST. NO. N3 75231
TIME 1.40 TO 2.00 ROD NO. 35296
NOTES CHKD DATE

F.B. 2839 PG. 70 JOB NO. 0301.02
SURVEY OF A. CO. PRECISE LEVEL NP
SURVEY BY ACG NOTES ALG 1-3-61
INDEXED B. E. OH DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-11 TO BM 60-10
BM 60-11													BM 60-11 (2F40)
1	055	201	356	5	72 / 37	35	256	426	557	5	274 / 238	36	GOLDEN STATE HWY 99 & 4½ MI S'ly FROM LYONS AVE
2	027	821	328	5	37 / 17	20	299	356	600	5	X2 289 / 289	20	SEE F.B. 2839-19 FOR DESC
3	027	186	328	5	37 / 17	20	283	730	584	5	293 / 273	20	
4	026	594	327	5	37 / 15	22	291	421	592	5	301 / 280	21	
5	026	999	327	5	37 / 15	22	291	819	592	5	X2 291 / 280	22	T R. D. GLIDDEN
6	019	610	320	5	28 / 9	19	281	253	582	5	291 / 271	20	
7	154	678	455	5	160 / 147	13	139	954	440	5	145 / 133	12	
TOTAL	338	089	CM			151	1843	959	CM			151 / 151 / 302	METERS
							338	089					
Diff in Elev							1505	870	CM				
BM 60-10													BM 60-10. (1F40) FRONTAGE Rd & 0.3 mi N'ly OF TUNNEL STATION BRIDGE SEE F.B. 2839-17 FOR DESC

76P526B CE # 306 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 A L C G U I Z A D O WEATHER SUNNY & WARM INST. NO. 5-7272

NOTES BY A L G DATE 1-3-61 TIME 11.00 TO 11.15 ROD NO. 35 & 36

INDEXED H E OM DATE NOTES CHKD. DATE

F.B. 2839 PG 77

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 60-11 To BM 60-12
BM 60-11													BM 60-11 (2 F40
1	222	321	523	5	227 / 216	11	005	512	300	5	12 / 5	10	GOLDEN STATE HWY 99 & 4.7
													mi S'ly FROM LYONS AVE
2	281	165	582	5	291 / 271	20	052	111	353	5	62 / 42	20	SEE F.B. 2839-19 FOR DESC
3	282	383	583	5	293 / 271	22	033	164	334	5	44 / 22	22	
4	279	323	580	5	291 / 267	24	039	709	340	5	51 / 28	23	
5	288	068	589	5	300 / 275	25	021	035	322	5	33 / 9	24	⊼ R.D GLIDDEN
6	242	932	543	5	249 / 234	15	064	038	365	5	72 / 55	17	
7	240	065	541	5	247 / 233	14	046	040	347	5	53 / 39	14	
TOTAL	1836	257	CM			131	261	669	CM			130	
	261	669										131	
DIFF IN ELEV	1574	588	CM								Meters	261	
BM 60-12													BM 60-12 (3 F40)
													GOLDEN STATE HWY 99 & 4.6
													mi S'ly FROM LYONS AVE
													SEE F.B 2839-19 FOR DESC

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. 2839 Pg. 72 SURVEY OF L.A. CO. PRECISE LEVEL NET 0301.02 SURVEY BY A.C.G. NOTES A.L.G. 1-3-61 INDEXED M.E. OH DATE

WEATHER WINDY & WARM INST. NO. N3 75234 TIME 1:20 TO 1:40 ROD NO. 95696 NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-12 TO BM 60-11
BM 60-12													BM 60-12 (3F40)
1	048	795	349	5	55 / 41	14	242	934	543	5	249 / 235	14	GOLDEN STATE HWY &
													4.6 MI S'LY FROM LYONS AVE
2	072	374	373	5	80 / 64	16	250	981	551	5	258 / 241	17	SEE F.B. 2839-13 FOR DESC
3	020	990	321	5	32 / 8	24	288	212	583	5	300 / 275	25	
4	040	590	341	5	51 / 28	23	279	725	580	5	290 / 267	23	
5	033	430	334	5	43 / 22	21	284	750	585	5	294 / 273	21	⊼ R.D. GLIDDEN
6	050	335	351	5	60 / 40	20	282	060	583	5	292 / 272	20	
7	012	728	313	5	17 / 7	10	225	239	520	5	229 / 219	10	
TOTAL	279	248	CM			128	1853	901	CM			130 / 128 / 258	METERS
							279	248					
DIFF IN ELEV BM 60-11							1574	653	CM				
													BM 60-11 (2F40)
													GOLDEN STATE HWY &
													4.7 MI S'LY FROM LYONS
													SEE F.B. 2839-13 FOR DESC

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 A. C. GUIZADO WEATHER WINDY & SUNNY INST. NO. 75234

NOTES BY A L G DATE 1-3-61 TIME 11:15 TO 11:30 ROD NO. 55236

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2839 PG. 73

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 60-12 To BM 60-13
BM 60-12													BM 60-12 (3 F 40)
1	045	623	342	5	55 / 38	14	087	413	388	5	94 / 73	14	GOLDEN STATE HWY & 4.6 SLY FROM LYONS AVE
2	272	368	573	5	283 / 267	22	025	698	320		36 / 13	23	SEE F.B 2839-13 FOR DESC
3	284	730	585	5	295 / 273	22	033	507	334	5	43 / 22	21	
4	286	610	587	5	296 / 275	21	013	954	320	5	28 / 8	21	
5	272	572	573	5	282 / 261	21	024	315	325	5	34 / 13	21	⊼ R D GLIDDEN
6	283	702	584	5	293 / 272	21	013	702	314	5	23 / 2	21	
7	236	915	537	5	244 / 227	17	102	999	402	5	110 / 93	17	
TOTAL	1682	526	CM			133	307	588	CM			138	
	307	588										138	
DIFF IN ELEV	1374	938	CM							Meters		276	
BM 60-13													BM 60-13 (State BM # 53-F59) GOLDEN STATE HWY & 4.4 MI SLY FROM LYONS AVE SEE F.B 2839-13 FOR DESC

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. 2839 PG. 74 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A C G NOTES A L G 1-3-61

INDEXED M. E. OTT DATE

WEATHER WINDY & WARM INST. NO. N3 752234

TIME 1:05 TO 1:20 ROD NO. 95 E 56

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-13 TO BM 60-12
BM 60-13													BM 60-13 (53 F 59)
1	100	018	401	5	108 / 92	16	259	052	560	5	267 / 250	17	GOLDEN STATE HWY &
													4.4 MI S'LY FROM LYONS AVE
2	034	312	335	5	44 / 23	21	290	288	591	5	300 / 279	21	SEE F.B. 2839-19 FOR DESC
3	030	831	331	5	40 / 19	21	267	778	568	5	277 / 256	21	
4	019	839	320	5	29 / 8	21	273	672	574	5	283 / 262	21	
5	018	523	319	5	28 / 7	21	282	944	583	5	292 / 271	21	R. D. GLIDDEN
6	024	162	325	5	35 / 12	23	270	252	571	5	280 / 259	21	
7	088	032	383	5	95 / 81	14	046	653	347	5	53 / 39	14	
TOTAL	315	717	CM			137	1690	639	CM			136 / 137 / 273	METERS
							315	717					
							1374	922	CM				
DIFF IN ELEV BM 60-12													BM 60-12 (3 F 40) GOLDEN STATE HWY & 4.6 MI S'LY FROM LYONS AVE SEE F.B. 2839-19 FOR DESC

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 BM60-13 TO BM60-14
BM 60-13													BM60-13 (53 F 59)
1	299	702	600	5	V2 299 290	18	056	484	357	5	64 47	17	GOLDEN STATE HWY & 4.4 MI S'LY FROM LYONS AVE
2	279	108	580	5	288 269	19	005	682	306	5	V2 15 5	20	SEE F.B. 2839-13 FOR DESC
3	269	710	570	5	280 258	22	029	914	330	5	39 18	21	
4	253	841	554	5	263 242	21	024	616	325	5	34 13	21	
5	282	200	583	5	292 271	21	034	790	335	5	44 23	21	R.D. GLIDDEN
6	299	361	600	5	V2 290 287	24	047	279	348	5	V2 59 47	24	
TOTAL	1683	922	CM			125	198	771	CM			124	
	198	771										125	
DIFF IN ELEV	1485	151	CM								Meters	249	
BM 60-14													BM 60-14 (61 F 59) GOLDEN STATE HWY & 4.2 MI S'LY FROM LYONS AVE SEE F.B. 2839-13 FOR DESC

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

SURVEY BY A. C. UIZADO WEATHER WINDY & SUNNY INST. NO. 75-2-74

NOTES BY A. L. G. DATE 1-3-60 TIME 11:30 TO 11:45 ROD NO. 5-2296

INDEXED B. E. OTT DATE NOTES CHKD. DATE

F.B. 2837 PG. 75

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. 2839 PG. 76 | L.A. CO. PRECISE LEVEL NET | 0301.82

SURVEY OF L.A. CO. PRECISE LEVEL NET NOTES A L G 1-3-61

SURVEY BY A L G DATE

INDEXED H. E. OLI DATE

WEATHER WINDY & WARM INST. NO. 75234

TIME 12.5 TO 1.05 ROD NO. 55296

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-14 TO BM60-13
BM 60-14													BM 60-14 (61 F 59)
1	049	088	350	5	61 / 37	24	301	452	602	5	12 / 301 / 289	24	GOLDEN STATE HWY & 4.2 MI S'LY FROM LYONS AVE
2	033	692	334	5	43 / 22	21	274	055	575	5	284 / 263	21	SEE F.B 2839-19 FOR DESC
3	016	758	317	5	26 / 5	21	252	822	553	5	262 / 241	21	
4	028	999	329	5	38 / 17	21	265	335	566	5	275 / 254	21	
5	006	218	307	5	12 / 16 / 6	20	283	463	584	5	293 / 273	20	R. D. GLIDDEN
6	045	280	346	5	53 / 36	17	288	086	589	5	297 / 280	17	
TOTAL	180	035	CM			124	1665	213	CM			124	
							180	035				120	
												248	METERS
DIFF IN ELEV BM60-13							1485	178	CM				
													BM60-13 (53 F 59)
													GOLDEN STATE HWY & 4.4 MI S'LY FROM LYONS AVE
													SEE F.B. 2839-19 FOR DESC

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 H. C. GUIZADO WEATHER COOL/FUNNY INST. NO. 75 2

NOTES BY R. E. OTT DATE 1-4-61 TIME 9:20 9:50 ROD NO. 55 52

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 71

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 60-14 TO B.M. 60-15
B.M. 60-14													B.M. 60-14 (STATE 61-F-59
1	281	892	582	5	297 / 272	16	062	036	363	5	70 / 54	16	SEE F.B. 2839-13
													GOLDEN STATE HWY &
2	285	814	586	5	296 / 274	22	030	588	331	5	41 / 19	22	4.2 MI S'LY FROM LYONS AVE
3	281	537	582	5	292 / 270	22	023	720	324	5	37 / 15	22	
4	284	591	585	5	295 / 274	21	045	793	346	5	56 / 34	22	
5	268	053	569	5	278 / 257	21	060	030	361	5	75 / 57	19	
													T AL. GOBLE
6	213	291	514	5	221 / 205	16	100	367	401	5	108 / 92	16	
7	249	095	550	5	272 / 226	46	118	285	417	5	141 / 95	46	
8	093	057	394	5	116 / 70	46	281	018	552	5	284 / 258	16	
9	046	668	347	5	59 / 33	26	297	347	593	5	277 / 251	26	
TOTAL	2003	988				236	1019	287				235 / 236	
DIFF. IN ELEV.	984	701										471	METERS
B.M. 60-15													B.M. 60-15 (STATE 7-F-52
													SEE F.B. 2839-13
													GOLDEN STATE HWY &
													3.9 MI S'LY FROM LYONS AVE

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. 2839 PG. 78 — SURVEY OF L.A. CO. PRECISE LEVEL NET — SURVEY BY ACG — NOTES R.G. — INDEXED H.E.O.M. — DATE 1-4-61 — 8301.02

WEATHER Cool, Sunny — TIME 1100 1128 — NOTES CHKD — DATE — INST. NO. 25234 — ROD NO. 25596 — N-3

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-15 TO BM 60-14
BM 60-15													BM 60-15 (STATE 7-F-52) SEE F.B. 2839-19 GOLDEN STATE HWY & 3.9 MI S'LY FROM LYONS AVE
1	295	297	596	5	295 282	26	044	382	345	5	57 31	26	
2	277	260	578	5	300 254	46	270	307	391	5	113 67	46	
3	117	023	418	5	140 94	46	247	544	595	5	270 224	46	
4	094	137	343	5	102 86	16	206	305	507	5	214 198	16	
5	059	715	360	5	69 50	19	263	327	569	5	278 257	21	
6	037	445	338	5	49 26	23	274	562	575	5	284 264	20	π A. L. GOBLE
7	015	911	316	5	26 4	22	276	390	577	5	286 265	21	
8	026	304	327	5	37 15	22	281	370	582	5	290 270	21	
9	062	494	363	5	69 54	15	282	035	583	5	290 274	16	
TOTAL	986	238				235	1477	032				233 235	
DIFF. IN ELEV.							990	238				468	METERS
BM 60-14							984	794	CM				BM 60-14 (STATE 61-F-59) SEE F.B. 2839-19 GOLDEN STATE HWY & 4.2 MI S'LY FROM LYONS AVE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R. G. Guillaro WEATHER Clear INST. NO. 77234

NOTES BY R. E. Ott DATE 1-4-61 TIME 9:50 10:25 ROD NO. 55600

INDEXED DATE NOTES CHKD DATE

F.B. 2839 Pg. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM. 60-15 TO BM. 60-17
BM. 60-16									BM. 60-15 (STATE 7-F-52)
1	002	331	302 5	56 / 38 29	289	663	570 5	284 / 275 28	SEE F.B. 2839-19
2	002	082	303 5	11 / 2 18	257	388	558 5	266 / 248 18	GOLDEN STATE HWY &
3	024	373	325 5	35 / 13 22	287	522	590 5	300 / 278 22	3.9 Mi S'LY FROM LYONS AVE
4	076	250	337 5	47 / 25 22	295	428	536 5	299 / 274 22	
5	035	925	336 5	46 / 24 22	231	663	582 5	292 / 270 22	A.L. GOBLE
6	073	154	[illegible]	93 / 72 11	213	290	544 5	279 / 268 11	
TOTAL	229	120			1643	173			23
DIFF. IN					229	120			123
ELEV									296 METERS
					1417	850	C.M.		
BM60-16									BM60-16 (STATE 8-F-52)
1	059	159	360 5	61 / 34 27	294	746	535 5	288 / 268 22	SEE F.B. 2839-19
2	020	864	327 5	33 / 7 26	185	646	486 5	198 / 172 26	GOLDEN STATE HWY &
3	007	058	308 5	15 / 7 16	290	096	600 5	299 / 285 14	3.7 Mi S'LY FROM LYONS AVE
TOTAL	279	075		64	769	497			62
DIFF. IN					078	075			64
ELEV					691	412	C.M.		126 METERS
B.M. 60-17									B.M. 60-17 (STATE 9-F-40)
									SEE F.B. 2839-19
									GOLDEN STATE HWY &
									3.6 Mi S'LY FROM LYONS AVE

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.

WEATHER Cool & Clear INST. NO. N-3 755234
TIME 12:30 1:00 ROD NO. 556 & 556
NOTES CHKD. DATE

F.B. 2839 PG. 80 | 3 8 0 2

SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY A.C.G. NOTES R. G.
INDEXED H. E. OTT DATE 1-4-61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-17 TO B.M. 60-15
B.M. 60-17													B.M. 60-17 (STATE 9-F-40
1	292	810	593	5	285 / 285	14	016	155	317	5	23 / 9	14	SEE F.B. 2839-13
2	194	447	495	5	209 / 182	28	014	327	315	5	28 / 14	28	GOLDEN STATE HWY & 3.6 MI FROM LYONS AVE
3	293	322	594		293 / 232	22	053	532	359	5	69 / 47	22	
TOTAL	780	579				64	089	068				64	
DIFF. IN	089	068										64	
ELEV.	691	511	CM									128	METERS
B.M. 60-16													BM60-16 (STATE 8-F-52)
1	250	123	551	5	255 / 244	11	083	522	384	5	88 / 77	11	SEE F.B. 2839-13
2	275	295	576	5	285 / 264	21	029	643	330	5	96 / 75	22	GOLDEN STATE HWY & 3.7 MI S'LY FROM LYONS AVE
3	286	940	559	5	270 / 249	21	037	327	345	5	47 / 26	21	
4	294	171	595	5	292 / 263	21	022	752	329	5	39 / 17	22	
5	258	557	559	5	207 / 249	18	003	751	304	5	11 / 3	16	
6	283	408	584	5	296 / 269	27	040	522	346	5	60 / 31	29	A. L. GOBLE
TOTAL	1698	494 / 20				119	130	520				12 / 118	
DIFF. IN	230	570										240	
ELEV.	1417	984 / 74	CM										
B.M. 60-15													B.M. 60-15 (STATE 7-F-52)
													SEE F.B. 2839-13
													GOLDEN STATE HWY & 3.9 MI S'LY FROM LYONS AVE

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 60-17 TO BM 60-19
B.M. 60-17													BM 60-17 (STATE 9F-40
1	049	375	350	5	64 34	30	257	107	558	5	272 242	30	SEE F.B. 2839-13
													GOLDEN STATE HWY &
2	039	408	340	5	49 29	20	295	081	596	5	295 285	20	3.6 mi S'LY FROM LYONS AVE
3	085	461	386	5	88 81	7	233	212	534	5	236 230	6	
TOTAL	174	247				57	785	400				56	
DIFF. IN							174	247				57	
ELEV.							611	153	CM.			113	METERS
B.M. 60-18													BM 60-18 (STATE 10F-52)
1	067	149	348	5	78 56	22	265	525	560	5	276 254	22	SEE F.B. 2839-20
													GOLDEN STATE HWY &
2	028	353	329	5	40 16	24	271	042	572	5	293 258	25	3.6 mi S'LY FROM LYONS AVE
3	036	360	337	5	51 21	30	278	176	579	5	293 264	29	
4	078	967	379	5	37 64	18	234	743	535	5	243 224	19	
5	090	082	391	5	97 81	16	234	353	540	5	247 232	17	A.L. GOBLE
TOTAL	300	912				110	239	244				112	
DIFF. IN							300	912				110	
ELEV.							938	432	CM			222	METERS
B.M. 60-19													BM 60-19 (STATE 11F-52)
													SEE F.B. 2839-20
													GOLDEN STATE HWY &
													3.5 mi FROM LYONS AVE

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

SURVEY BY R. C. GILLIAND

NOTES BY R. C. GILLIAND

INDEXED H. E. OTT

DATE 1-4-61

DATE

WEATHER COOL & WINDY

TIME 10:25 11:00

INST. NO. 35234

ROD NO. 35229

NOTES CHKD

DATE

F.B. 2839 PG. 8

PLEASE RETURN TO

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 PG. 82

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES R.G. DATE 1-4-61

INDEXED 4-5-61

WEATHER Cool & windy INST. NO. 76234

TIME 11:00 11:30 ROD NO. 95496

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-19 TO BM 60-17
BM 60-19													BM 60-19 (STATE 11-F-52)
1	235	780	536	5	243 / 228	15	085	739	396	5	92 / 77	15	SEE F.B 2839-20
2	229	088	530	5	238 / 219	19	074	107	375	5	83 / 65	18	GOLDEN STATE HWY & 3.5 MI S'LY FROM LYONS AVE
3	278	463	579	5	292 / 263	29	036	241	337	5	50 / 21	29	
4	272	788	573	5	285 / 260	25	028	547	329	5	40 / 16	24	
5	262	416	563	5	272 / 251	21	065	278	366	5	76 / 54	22	↑ A.L. GOBLE
TOTAL	1278	5316				109	290	012				108 / 109	
DIFF. IN ELEV.	290	012										217	MISTAKE
	989	52 3	C.M.										
BM 60-18													BM 60-18 (STATE 10-F-52)
1	230	672	531	5	233 / 227	6	101	625	402	5	105 / 98	7	SEE F.B 2839-20
2	297	512	598	5	297 / 287	20	023	500	324	5	33 / 13	20	GOLDEN State Hwy 99 & 3.6 mi S'ly From Lyons Ave
3	264	403	565	5	279 / 249	30	056	238	357	5	71 / 41	30	
TOTAL	792	587				56	181	363				57	
DIFF. IN ELEV.	181	363										56	
	611	224	C.M.									113	
BM 60-17													BM 60-17 (STATE 7-F-40) SEE F.B. 2839-19 GOLDEN State Hwy 99 & 3.6 mi S'ly FROM LYONS AVE

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

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Do not extend notes this side of this line.

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

SURVEY BY R. G. GUILZADO WEATHER CLEAR INST. NO. 1522

NOTES BY H. E. OTT DATE 1-5-61 TIME 10:45 AM ROD NO. 850

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 60-19 TO BM 60-21
BM 60-19													BM 60-19 (STATE 11-F-52)
1	047	342	343	5	60 33	27	293	645	594	5	293 279	28	SEE F.B. 2839-20
													GOLDEN STATE Hwy 99 & 3.5 mi
2	023	330	324	5	37 9	28	271	157	572	5	296 251	29	S'ly FROM LYONS AVE
3	105	027	400	5	110 103	13	223	697	524	5	277 268	9	
TOTAL	175	64				60	788	199				66	
DIFF. IN		9					173	69				66	
ELEV.							6128	8				132	METERS
BM 60-20	059	609	360	5	74 24	30	272	154	573	5	295 257	31	BM 60-20 (STATE 12-F-52)
													SEE F.B. 2839-20
2	015	105	316	5	33 15	30	298	597	579	5	309 281	34	GOLDEN State Hwy 99 & 3.4 mi
													S'ly FROM LYONS AVE
3	009	131	310	5	24 9	30	289	693	570	5	319 289	30	
4	047	118	348	5	55 39	16	240	172	41	5	319 303	16	
TOTAL	130	962				112	1100	959				111	
DIFF. IN							130	963				112	
ELEV.							969	996				223	METERS
BM 60-21													BM 60-21 (STATE 13-F-52)
													SEE F.B. 2839-20
													GOLDEN State Hwy 99 & 3.2 mi
													S'ly FROM LYONS AVE

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. 2839 PG. 84 | JOB NO. 0301.02 | SURVEY OF L. A. CO. PRECISE LEVEL NET | SURVEY BY A.C.G. | NOTES | INDEXED H. E. OH | DATE 2-5-61

INST. NO. N-3 | ROD NO. 25 | DATE | WEATHER Windy | TIME 1110 1125 | NOTES CHKD

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM60-21 To BM60-19
BM 60-21													BM60-21 (STATE 13-F-52)
1	242	483	543	5	250 / 234	16	052	327	351	5	57 / 42	15	SEE F.B. 2839-20
													GOLDEN STATE Hwy 99 & 3.2 mi
2	267	621	568	5	283 / 252	31	003	037	307	5	33 / 3	30	S'ly FROM LYON AVE
3	297	372	518	5	307 / 283	24	004	062	305	5	31 / 7	24	
4	280	787	591	5	297 / 266	33	002	582	304	5	71 / 40	31	
TOTAL	1083	263				114	1.3	225				119 / 119	A.L. GOBLE
DIFF. IN	118	238										224	METERS
ELEV.	973	025	C.M.										
B.M. 60-20													B.M. 60-20 (STATE 12-F-52)
1	224	272	525	5	239 / 229	9	105	225	400	5	103 / 93	10	SEE F.B. 2839-20
													GOLDEN STATE Hwy 99 & 3.4 mi
2	770	912	571	5	284 / 256	28	022	522	323	5	39 / 10	29	S'ly FROM LYONS AVE
3	300	117	691	5	300 / 286	29	021	597	322	5	67 / 41	26	
TOTAL	795	301				65	1.5	464				65 / 65	
DIFF. IN	182	464										130	METERS
ELEV.	612	837	C.M.										
BM60-19													BM60-19 (STATE C 1-1-52)
													SEE F.B. 2839-20
													GOLDEN STATE Hwy 99 & 3.5 mi
													S'ly FROM LYONS AVE

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.

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

SURVEY BY A. C. GUILLARD WEATHER WINDY INST. NO. 7555

NOTES BY R. G. 1-5 TIME 1:15 ROD NO. 2346

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2839 PG. 85

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-21 TO BM 60-23
BM 60-21													BM 60-21 (STATE 13-F-52
1	043	147	342	5	59 28	31	287	127	582	5	297 272	30	GOLDEN STATE HWY 99 & 3.2
													MI S'LY FROM LYONS AVE
2	015	677	316	5	30 15	30	273	127	574	5	289 258	30	SEE FB 2839-20
3	072	895	342	5	39 7	31	[illegible]	077	579	5	[illegible] 283	30	
4	075	923	376	5	35 66	1[illegible]	293	657	594	5	[illegible] [illegible]	22	
TOTAL	157	642				111	52	013	1			12	
DIFF. IN							157	642				111	
ELEV.							994	376	1			123	[illegible]
BM 60-22													BM 60-22 (State 14-F-52)
1	056	282	357	5	27 41	30	299	332	670	5	289 274	30	GOLDEN STATE HWY 99 & 3.1 MI
													S'LY FROM LYONS AVE
2	097	382	376	5	103 [illegible]	12	299	341	54[illegible]	[illegible]	245 233	12	SEE FB 2839-20
TOTAL	153	768				42	528	674	1			42	
DIFF. IN							153	768				12	
ELEV.							374	906	1			84	
BM 60-23													BM 60-23 (State 15-F-52)
													GOLDEN STATE HWY 99 & 3.0 MI
													S'LY FROM LYONS AVE
													SEE FB 2839-20

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.

INST. NO. 1375234
ROD NO. 95E92
DATE
WEATHER Clear
TIME 9:10 Fr
NOTES CHKD
F.B. 2839 PG. 86
SURVEY OF L. A. CO. PRECISE LEVEL NET
JOB NO. 0301.02
SURVEY BY ACG
NOTES ACG
INDEXED
DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-23 TO BM 60-21
BM 60-23													BM60-21 (State 15-F-52)
1	235	370	536	5	261 229	12	092	903	393	5	98 86	12	GOLDEN STATE HWY 99 & 3.0 mi S'ly FROM LYONS AVE
2	285	358	586	5	301 270	31	052	977	353	5	67 37	30	SEE FB 2839-20
TOTAL	520	728	/			43	145	880				42 43	1/6/61
	145	880	/								METERS	85	
DIFF/ELEV	374	848											
BM 60-22													BM 60-22 (State 14-F-52)
1	288	352	589	5	298 278	20	068	833	369	5	78 58	20	GOLDEN STATE HWY 99 & 3.1 mi S'ly FROM LYONS AVE
2	293	373	594	5	293 278 2	30	020	157	321	5	36 5	31	SEE FB 2839-20
3	275	785	576	5	291 260	31	017	427	318	5	33 2	31	
4	289	778	590	5	289 272 2	30	046	700	347	5	61 31	30	
TOTAL	1147	288	/			111	153	167				112 111	
	153	167	/									223	METERS
DIFF/ELEV	994	121											
BM 60-21													BM 60-21 (State 13-F-52) GOLDEN STATE HWY 99 & 3.2 mi S'ly FROM LYONS AVE SEE FB 2839-20

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY A. C. GUILLARD WEATHER CLEAR

NOTES BY R. C. GUILLARD DATE 1/6/61 TIME 11:50 INST. No 3534

INDEXED DATE NOTES CHKD DATE ROD NO 3522

F.B. 2839 Pg. 87

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 60-21 To BM 60-22
BM 60-21													BM 60-21 (State 13-F-52)
1	043	430	344	5	59 28	31	287	188	588	5	287 272	30	GOLDEN STATE HWY 99 & 3.2 mi
													S'ly FROM LYONS AVE
2	020	675	321	5	36 5	31	278	353	579	5	294 263	31	SEE FB 2839-20
													RERUN
3	017	049	318	5	33 17	32	291	484	592	5	291 275	32	
4	068	277	369	5	76 56	20	286	627	587	5	276	20	
TOTAL	149	431				114	1143	652				113 113	
							149	431				227	METERS
DIFF ELEV BM 60-22							994	221					
													BM 60-22 (State 14-F-52)
													GOLDEN STATE HWY 99 & 3.1 mi
													S'ly FROM LYONS AVE
													SEE FB 2839-20

F.B. 2839 PG. 88 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD. _____ DATE _____

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

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76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY A. C. GALLARDO DATE 1-5-61 WEATHER WINDY

NOTES BY H. E. OTT DATE TIME 1:40

INDEXED DATE NOTES CHK'D DATE

F.B. 2839 Pg. 89 INST. NO. 75534 ROD NO. 75596

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM60-23 TO BM 60-25
BM60-23													BM60-23 (STATE 15-F-52)
1	040	453	341	5	37 / 45	38	295	198	59[illegible]	5	295 / 216	38	SEE F.B. 2839-20
													GOLDEN STATE HWY 99 3.0
2	010	622	311	5	27 / 10	24	290	541	57[illegible]	5	295 / 215	24	MI S'LY FROM LYONS AVE
3	030	610	321	5	45 / 15	30	[illegible]	[illegible]	[illegible]	5	295 / 278	30	
4	[illegible]	[illegible]	320	5	39 / 4	30	270	672	577	5	[illegible] / [illegible]	30	
5	067	259	368	5	77 / 57	20	267	077	569	5	277 / 257	20	⊼ A. L. GOELE
TOTAL	163	652				142	1417	855	/			142	
DIFF. IN							165	652	/			142	
ELEV.							1249	203	CM.			284	METERS
B.M. 60-24													BM. 60-24 (STATE 16 F-52)
1	033	723	334	5	49 / 33	32	277	113	576	5	299 / 231		SEE F.B 2839-20
2	012	291	313	5	27 / 12	30	290	649	591	5	290 / 275	30	GOLDEN STATE HWY 99 52.9 MI
													S'LY FROM LYONS AVE
3	010	374	311	5	25 / 10	30	255	756	551	5	265 / 235	30	
4	050	497	351	5	63 / 37	26	293	533	594		293 / 289	26	
5	071	733	372	5	76 / 62	10	211	303	512	5	216 / 206	10	
6	045	303	346	5	60 / 45	30	279	082	580	5	299 / 264	30	(state 17-F-52
7	050	592	351	5	66 / 35	31	231	722	532	5	247 / 216	31	
	273	988				188	1834	860	/			188	

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INST. NO. 13 B224 ROD NO. 25-57

DATE

WEATHER Windy TIME 1:40 Pm NOTES CHKD.

F.B. 2839 Pg. 90 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES R06

INDEXED G.E. 011 DATE

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-23 TO BM 60-25
SUB TOTAL	273	983		188	1834	860		188	
8	092	917	3935	110 75 35	094	192	3955	113 76 37	
TOTAL	366	900		224	1929	052		225 224	
DIFF. IN					366	900		449	METERS
ELEV.					1562	152	CM.		
B.M. 60-26									BM60-25 (State 17-F40) GOLDEN STATE HWY 89 & 2.6 MI S'W FROM LYONS AVE SEE FB 2839-21

76P526B CE # 308 6-59

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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 A. C. GUIZARDO WEATHER WINDY INST. NO. 13231

NOTES BY B. E. OTT DATE 1-5-61 TIME 2:25 ROD NO. 25556

INDEXED DATE NOTES CHKD DATE

F.B. 2839 Pg. 21

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-25 TO BM 60-23
B.M. 60-25													B.M. 60-25 (STATE 17-F-40)
1	091	322	392	5	109 / 73	36	089	960	390	5	107 / 72	35	SEE F.B. 2834-21
2	221	310	532	5	247 / 216	31	050	101	351	5	63 / 32	31	GOLDEN STATE HWY 99 & 2.6 mi S 1/4 FROM LYONS AVE
3	278	077	579	5	294 / 263	31	044	436	345	5	59 / 44	30	— STATE 17-F-52
4	225	754	526	5	230 / 220	10	071	560	372	5	76 / 66	10	
5	271	342	572	5	285 / 258	27	057	907	350	5	[illegible]	27	
6	272	425	573	5	289 / 257	31	016	272	317	5	31 / 16	30	
7	288	907	584	5	288 / 273	35	010	842	311	5	26 / 10	32	
8	234	501	554	5	300 / 268	32	040	637	341	5	56 / 40	32	
TOTAL	1944	134	/			228	381	715	/			227	
DIFF. IN	381	715										228	
ELEV.	1562	419	/									455	
BM 60-24													BM 60-24 (STATE 16-F-52)
1	271	122	572	5	291 / 261	30	072	567	373	5	87 / 67	20	GOLDEN STATE HWY 99 & 2.9 mi S 1/4 FROM LYONS AVE
2	282	407	583	5	298 / 267	31	024	202	325	5	40 / 9	31	SEE FB 2839-20
3	288	490	584	5	288 / 272	32	031	157	332	5	47 / 16	31	
4	297	398	598	5	297 / 284	26	027	484	329	5	40 / 15	25	
SUB-TOTAL	1140	217	/			109	155	415				107	

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 PG. 92 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY AGG NOTES RDG

INDEXED H. E. ON DATE

WEATHER Win dy INST. NO. 115 E234

TIME 2125 ROD NO. 25376

NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM60-25 TO BM60-23
SUB-TOTAL	1140	217				109	155	415				107	
S	298	406	599	5	298 / 273	40	033	905	334	5	52 / 33	38	
TOTAL	1439	623				149	189	320				145 / 149	
	189	320										20	METERS
DIFF/ELEV	1241	303	C.M.										
BM60-23													BM 60-23 (State 15-F-52) GOLDEN STATE HWY 99 & 30 HI SIDE FROM LYONS AVE

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

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Do not extend notes this side of this line.

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

SURVEY BY A C GUIZARO WEATHER COOL & CLEAR INST. NO. 75278

NOTES BY A L G E OM DATE 1-9-61 TIME 9.25 TO 9.50 ROD NO. 95196

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG 23

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia	
BM 60-24												
1	039	871	340	5	54 / 23	31	283	513	584	5	298 / 267	31
2	018	912	319	5	34 / 3	31	297	556	598	5	297 / 281 (x2)	32
3	015	840	316	5	31 / 15 (x6)	32	274	200	575	5	289 / 258	31
4	062	489	363	5	75 / 49	26	287	810	588	5	300 / 273	27
5	085	304	386	5	90 / 80	10	225	532	526	5	230 / 220	10
V-18 6	048	870	349	5	63 / 48 (x2)	30	282	634	583	5	297 / 266	31
7	052	528	353	5	67 / 36	31	233	788	534	5	248 / 217	31
8	097	430	398	5	114 / 80	34	098	556	399	5	117 / 79	36
TOTAL	421	244	CM			225	1983	535	CM			229
							421	244				225
							1562	351	CM			454 METERS
Diff in Elev BM 60-25												

DESCRIPTION AND REMARKS RERUN

FROM BM 60-24 TO BM 60-25

BM 60-24 (State 16-F-52)
GOLDEN STATE HWY 99 & 2.9 MI
S'LY FROM LYONS AVE
SEE FB 2839-20

↑ R.O GLIDDEN

BM 60-25 (State 17-F-20)
GOLDEN STATE HWY 99 & 3.6 MI
S'LY FROM LYONS AVE
SEE FB 2839-21

F.B. 2839 PG. 94 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

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76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY A. S. GALLARDO WEATHER Clear

NOTES BY H. E. Orr DATE 1/6/61 TIME 10:10 to 10:35 INST. No. 25234

INDEXED DATE NOTES CHKD DATE ROD NO. 25592

F.B. 2839 Page 25

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 60-25 To 60-27
BM 60-25													BM 60-25 (State 17-F-40)
1	015	157	316	5	27/4	23	203	711	504	5	214/191	23	GOLDEN STATE HWY 99 & 2.6
													MI S'LY FROM FB 2839-21
2	043	655	344	5	59/28	31	226	633	527	5	242/211	31	
3	101	002	402	5	111/92	19	238	883	539	5	248/229	19	
TOTAL	160	014				73	669	227	/			73	
							160	014				23	⊼ A. L. GOBLE
DIFF/ELEV							509	213	/			146	METERS
BM 60-26													BM 60-26 (State 18-F-52)
1	156	444	457	5	179/132	47	282	135	583	5	281/239 2	46	GOLDEN STATE HWY 99 E 2.5 MI
													S'LY FROM LYONS AVE
2	026	107	327	5	41/10	31	221	428	522	5	237/206	31	SEE FB 2839-21
3	025	687	326	5	83/25 2	56	264	922	565	5	291/237	54	
4	013	655	314	5	40/13 2	54	267	738	568	5	293/241	52	
5	111	080	412	5	117/104	13	216	617	517	5	224/208	16	
TOTAL	332	973				201	1252	840	/			199	
							332	973				201	
DIFF/ELEV							919	867	/			400	METERS
BM 60-27													BM 60-27 (State 19-F-52)
													GOLDEN STATE HWY 99 E 2.2 MI
													S'LY FROM LYONS AVE
													SEE FB 2839-21

PLEASE RETURN TO

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 46 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ACG

INDEXED H.E. OTT DATE

WEATHER Windy INST. NO. N376237

TIME 11:20 ROD NO. 23896

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-27 TO BM 60-25
BM 60-27													BM 60-27 (State 19-F-52)
1	214	656	515	5	221 / 206	15	094	512	395	5	101 / 87	14	GOLDEN STATE HWY 99 &
													2.2 MI S'LY FROM LYONS AVE
2	254	453	555	5	281 / 227	54	024	179	325	5	51 / 26 2	54	SEE FB 2839-21
3	269	886	570	5	297 / 242	55	005	155	306	5	92 / 5 2	54	
4	198	917	499	5	213 / 182	31	005	114	206	5	21 / 5 2	32	
							159	598	4				
5	270	428	571	5	293 / 248	45			460	5	183 / 136	47	
TOTAL	1208	340				200	288	558				201 / 200 / 401	METERS
	288	558											
DIFF/ELEV	919	782											
BM 60-26													BM 60-26 (State 18-F-52)
1	232	834	533	5	241 / 222	19	067	264	368	5	77 / 58	19	GOLDEN STATE HWY 99 & 2.5 MI
													S'LY FROM LYONS AVE
2	210	035	511	5	225 / 195	30	255	265	356	5	70 / 40	30	SEE FB 2839-21
3	203	612	504	5	215 / 191	24	014	740	315	5	26 / 3	23	
TOTAL	646	481				73	137	269				72 / 73 / 145	METERS
	137	269											
DIFF/ELEV	509	212											
BM 60-25													BM 60-25 (State 17-F-40)
													GOLDEN STATE HWY 99 & 2.6
													MI S'LY FROM LYONS AVE
													SEE FB 2839-21

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY H. C. GALLEGOS WEATHER CLEAR INST. NO. 25254

NOTES BY R. C. G. DATE 1/6/61 TIME 1035 ROD NO. 85896

INDEXED H. E. OTT DATE NOTES CHKD. DATE

F.B. 2839 PG. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 60-27 TO BM 60-29
BM 60-27													BM 60-27 (State 19-F-52)
1	065	587	366	5	92 / 37	55	200	522	501	5	228 / 173	55	GOLDEN STATE HWY 99 & 2.2
													MI. S'LY FROM LYONS AVE
2	066	161	267	5	93 / 38	55	173	617	474	5	200 / 145	55	SEE FB 2839-21
3	130	952	431	5	139 / 121	18	202	492	503	5	211 / 193	18	
TOTAL	262	700				128	576	631				128	
							262	700				128	
							313	931				356	METERS
DIFF/ELEV													
BM 60-28													BM 60-28 (State 20-F-52)
1	157	337	458	5	185 / 129	56	155	827	456	5	183 / 127	56	GOLDEN STATE HWY 99 & 2.0
													MI S'LY FROM LYONS AVE
2	099	594	400	5	127 / 71	56	193	528	494	5	221 / 166	55	SEE FB 2839-21
3	004	398	305	5	29 / 4	50	237	235	538	5	261 / 213	48	
4	113	398	414	5	117 / 110	7	227	166	528	5	230 / 223	7	
TOTAL	374	727				169	813	756				166	
							374	727				169	
							439	029				335	METERS
DIFF/ELEV													
BM 60-29													BM 60-29 (State 21-F-52)
													GOLDEN STATE HWY 99 & 1.8 MI
													S'LY FROM LYONS AVE
													SEE FB 2839-21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 2839 ROD NO. 8-8-76 DATE

WEATHER Windy TIME 10 55 70 NOTES CHKD

F.B. 2839 PG. 98 SURVEY OF L.A. CO. PRECISE LEVEL NET JOB NO. 0301.02

SURVEY BY HCG NOTES HCG DATE

INDEXED N. E. OTI

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-29 TO BM 60-27
BM 60-29													BM 60-29 (State 21-F-52)
1	214	337	515	5	217 / 210	7	090	630	391	5	93 / 86	7	GOLDEN STATE HWY 99 & 1.8
													MI S'LY FROM LYONS AVE
2	246	047	547	5	271 / 221	50	022	809	323	5	47 / 22	50	SEE FB 2839-21
3	188	654	489	5	215 / 160	55	095	443	396	5	122 / 67	55	
4	156	854	459	5	186 / 130	56	159	918	460	5	187 / 131	56	
TOTAL	807	892				168	368	800				168	
	368	800										168	
DIFF/ELEV	439	092										336	METERS
BM 60-28													BM 60-28 (State 20-F-52)
1	191	592	492	5	200 / 182	18	119	485	420	5	128 / 110	18	GOLDEN STATE HWY 99 & 2.0
													MI S'LY FROM LYONS AVE
2	161	724	462	5	189 / 133	56	055	073	356	5	83 / 28	55	SEE FB 2839-21
3	203	186	504	5	231 / 176	55	068	087	369	5	95 / 40	55	
TOTAL	556	502				129	242	645				128	
	242	645										128	
DIFF/ELEV	313	857										256	
BM 60-27													BM 60-27 (State 19-F-52)
													GOLDEN STATE HWY 99 & 2.2 MI
													S'LY FROM LYONS AVE
													SEE FB 2839-21

76P526B CE # 308 8-59

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

SURVEY BY A. C. Fehlberg WEATHER Windy

NOTES BY ACG H. E. Ott DATE 1/6/61 TIME 225 to 305 INST. NO. 3522 ROD NO. 3522

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-29 TO BM 60-31
BM60-29	063	757	364	5	89 46	34	280	204	581	5	297 263	34	BM60-29 (State 21-F-52)
													GOLDEN STATE HWY 99 E 1.8 MI
2	007	024	308	5	22 7	30	256	972	557	5	272 241	31	S/L FROM LYONS AVE
													SEE FB 2839-21
3	128	843	429	5	137 119	18	306	217	507	5	215 196	19	
TOTAL	199	624				82	743	393	/			84	A. L. Goble
							199	624				82	
DIFF/ELEV							543	769	/			166	METERS
BM60-30													BM60-30 (State 21-F-40)
1	041	785	342	5	61 22	39	216	007	517	5	235 196	39	GOLDEN STATE HWY 99 E 1.7 MI
													S/L FROM LYONS AVE
2	076	090	377	5	104 47	57	219	083	520	5	247 191	56	SEE FB 2839-22
													SUMMATION OF RUN
3	061	065	362	5	88 33	55	224	442	525	5	251 196	55	BM 60-31 to BM 60-32
4	039	463	340	5	67 12	55	230	252	531	5	258 203	55	TOTAL BACKSIGHTS 705.517
													" FORESIGHTS 1694.297
5	022	185	323	5	44 22	54	214	740	515	5	241 187	54	
													DIFF IN ELEV = − 988.780
6	040	177	341	5	68 13	55	217	753	518	5	245 190	55	
7	060	028	361	5	88 33	55	194	857	495	5	222 167	55	
8	140	672	441	5	168 113	55	089	517	390	5	117 62	55	
9	224	052	525	5	246 202	44	087	646	388	5	109 64	45	BM60-31 (State 21-F-40)
TOTAL	705	517				469	1694	297	/			469	GOLDEN STATE HWY 99 E 1.2 MI S/L
												461	FROM LYONS AVE
BM60-31											METERS =	936	SEE FB 2839-22

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Do not extend notes this side of this line.

WEATHER CLEARED HOT INST. NO. N3 75234
TIME 1:00 TO 1:35 ROD NO. 95E86
NOTES CHKD DATE

JOB NO. 0301.02 PG. 100
SURVEY OF ACG NOTES A L G 1-9-61
SURVEY BY W. E. OM DATE
INDEXED

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 60-31 TO BM 60-29
BM 60-31													BM 60-31 (24 F 40)
1	093	254	394	5	115 / 70	45	232	549	533	5	254 / 210	44	GOLDEN STATE HWY &
2	107	312	408	5	135 / 80	55	152	175	453	5	179 / 124	55	1.2 MI S'LY FROM LYONS AVE SEE F.B 2839-22 FOR DESC
3	199	244	500	5	229 / 171	55	072	726	373	5	99 / 44	55	
4	237	649	538	5	264 / 210	54	059	911	353	5	81 / 26	55	⊼ R. D GLIDDEN 1-9-61
5	237	404	528	5	264 / 209	55	047	447	348	5	74 / 19	55	
6	244	163	545	5	271 / 216	55	043	131	344	5	70 / 15	55	SUMMATION OF RUN BM 60-30 TO BM 60-29
7	237	474	338	5	264 / 209	55	081	048	382	5	108 / 53	55	TOTAL BACKSIGHTS + 783.366
8	231	935	532	5	258 / 203	55	089	895	390	5	117 / 60	57	" FORESIGHTS − 239.668
9	238	233	539	5	258 / 218	40	063	909	364	5	82 / 44	38	DIFF IN ELEV + 543.698
TOTAL	1826	668	CM			469	837	781	CM			469	
	837	781						9				469	
DIFF IN ELEV	988	887	CM									938	METERS
BM 60-30		7											BM 60-30 (21 F 40)
1	213	370	514	5	222 / 203	19	135	532	436	5	144 / 126	18	GOLDE STATE HWY & 1.7 MI S'LY FROM LYONS AVE
2	272	994	573	5	287 / 256	31	040	729	341	5	55 / 24	31	SEE F.B 2839-22 FOR DESC
3	297	002	598	5	297 / 287	30	063	387	364	5	82 / 45	37	BM 60-29
TOTAL	783	366	CM			80	239	668	CM			86 / 80	SEE FB 2839-21
BM 60-29												166	METERS

76P526B CE # 308 8-59

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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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 60-31 TO BM 60-32
BM 60-31													BM 60-31 (24 F 40)
1	131	166	432	5	159 / 103	56	225	797	526	5	252 / 197	55	GOLDEN STATE HWY & 1.2 MI S'LY FROM LYONS AVE
2	012	563	313	5	40 ×2 / 12	56	287	645	588	5	287 ×2 / 246	42	SEE F.B 2839-22 FOR DESC
3	010	172	311	5	36 ×2 / 10	52	288	801	589	5	288 ×2 / 252	72	
4	042	230	343	5	70 / 13	57	251	704	552	5	279 / 222	57	
5	048	797	349	5	75 / 20	55	243	174	544	5	270 / 215	55	⊼ R. D GLIDDEN
6	103	670	404	5	130 / 76	54	144	741	445	5	171 / 116	55	
7	165	060	466	5	180 / 139	67	253	398	554	5	275 / 230	45	
TOTAL	513	658	CM			381	1695	260	CM			381	
							513	658				381	
DIFF IN ELEV							1181	602	CM			762	METERS
BM 60-32													BM 60-32 (26 a F 52) GOLDEN STATE HWY & 0.6 MI S'LY FROM LYONS AVE SEE F.B 2839-22 FOR DESC

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

SURVEY BY A. C. GUIZADO

NOTES BY A. L. G.

DATE 1-9-61

WEATHER WARM & CLEAR

INST. NO. 75234

TIME 9.55 TO 10.25

ROD NO. 95294

F.B. 2839

INDEXED

H. E. OTT

DATE

NOTES CHKD

DATE

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER CLEAR & HOT INST. NO. N3 75234
TIME 12.35 TO 1.00 ROD NO. 35 & 36
NOTES CHKD _____ DATE _____

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM Go-32 TO BM Go-31
BM Go-32													BM Go-32 (26a F 52)
1	248	200	549	5	272 / 224	48	160	200	461	5	183 / 136	47	GOLDEN STATE HWY & 0.6
2	148	316	449	5	175 / 120	55	107	434	408	5	134 / 79	55	MI S'LY FROM LYONS AVE
													SEE F.B 2839-32 FOR DESC
3	241	642	542	5	268 / 213	55	048	274	349	5	75 / 20	55	
4	252	588	553	5	281 / 223	58	044	945	345	5	73 / 15	58	
5	284	737	585	5	284 / 251 (x2)	66	005	086	306	5	34 / 5 (x2)	58	⊼ R.D. GLIDDEN
6	298	852	599	5	298 / 277 (x2)	42	004	902	305	5	30 / 4 (x2)	52	
7	207	932	508	5	234 / 179	55	130	044	431	5	158 / 102	56	
TOTAL	1682	267	CM			379	500	885	CM			381	
	500	885										379	
DISS IN ELEV	1181	382	CM									760	METERS
BM Go-31													BM Go-31 (24 F 40)
													GOLDEN STATE HWY & 1.2
													MI S'LY FROM LYONS AVE
													SEE F.B 2839-22 FOR DESC

F.B. 2839 PG. 102 JOB NO. 0301.02
SURVEY OF ACG NOTES ALG 1-3-61
SURVEY BY H. E. OM DATE _____
INDEXED _____ DATE _____

76PS26B CE # 306 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 A. C. GUIZARD

NOTES BY A. L. G.

WEATHER WARM & CLEAR

INSTR. NO. 77236

DATE 4-9-60

TIME 10.30 TO 11.00

ROD NO. 93296

INDEXED

DATE

B. E. OTT

DATE

NOTES CHKD.

DATE

F.B. 2839 PG 28

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM 60-32 To BM 60-33
BM 60-32													BM 60-32 (26 a F 52)
1	239	670	540	5	266 / 211	55	133	657	434	5	161 / 105	56	GOLDE STATE HWY & 0.6 mi S/W FROM LYONS AVE
2	162	123	463	5	190 / 133	57	158	840	459	5	186 / 129	57	SEE F.B. 2839-22 FOR DESC
3	110	651	411	5	138 / 82	56	207	672	508	5	235 / 178	57	
4	083	871	384	5	111 / 54	57	206	873	507	5	234 / 178	56	
5	084	578	385	5	113 / 56	57	172	812	473	5	201 / 144	57	⊼ R. O. GLIDDEN
6	154	336	455	5	182 / 126	56	096	410	387	5	124 / 67	57	
7	246	350	547	5	274 / 218	56	032	028	333	5	59 / 4	55	
8	297	516	598	5	297 x2 / 276	42	005	862	306	5	26 x2 / 5	42	
9	291	538	592	5	291 x2 / 273	36	021	939	322	5	38 / 4	34	
10	281	373	582	5	294 / 267	27	039	582	340	5	53 / 25	28	
TOTAL	1952	006	CM			499	1075	675	CM			499	
	1075	675										499	
Diff in Elev	876	331	CM									998	
BM 60-33													METERS BM 60-33 (30 F 40) GOLDEN STATE HWY & LYONS AVE (N.E. COR) SEE F.B. 2839-23 FOR DESC

PLEASE RETURN TO

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Do not extend notes this side of this line.

WEATHER WARM & CLEAR INST. NO. N3 752234
TIME 11.00 To 11.30 ROD NO 95 E96
NOTES CHKD _____ DATE _____

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-33 TO BM 60-32
BM 60-33													BM 60-33 (30 F 40)
1	035	198	336	5	49 21	28	276	980	577	5	289 262	27	GOLDEN STATE HWY &
2	015	182	316	5	X2 32 15	34	285	501	586	5	X2 285 247	36	LYONS AVE (N.E. COR.) SEE F.B. 2839-23 FOR DESC
3	007	655	308	5	X2 28 7	42	299	665	600	5	X2 299 278	42	
4	026	735	327	5	X2 53 26	54	239	774	540	5	266 211	55	
5	096	065	397	5	124 67	57	154	545	455	5	182 126	56	⊼ R. D. GLIDDEN
6	164	477	465	5	192 136	56	076	404	377	5	104 47	57	
7	194	100	495	5	222 166	56	070	871	371	5	98 41	57	
8	199	083	500	5	227 170	57	102	063	403	5	130 74	56	
9	153	143	454	5	181 124	57	173	822	474	5	201 144	57	
10	132	343	433	5	161 104	57	220	894	521	5	247 192	55	
TOTAL	1023	981	CM			498	1900 1023 876	519 981 538	CM CM			498 498 996	METERS
DIFF IN ELEV BM 60-32													BM 60-32 GOLDEN STATE HWY & 0.6 MI B'ly FROM LYONS AVE SEE F.B. 2839-22 FOR DESC

F.B. 2839 PG. 104 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 1-9-61

INDEXED M.E.OR DATE

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 A C GUIZADO WEATHER WINDY & WARM INST. NO. 75234

NOTES BY A L G DATE 1-9-61 TIME 2:45 TO 3:10 ROD NO. 95 & 96

INDEXED B E CH DATE NOTES CHKD DATE

F.B. 2839 PG 105

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-33 TO BM 60-34
BM 60-33													BM 60-33 (3UF40)
1	075	123	376	5	32/58	34	280	681	581	5	296/263	33	LYONS AVE &
													GOLDEN STATE HWY
2	029	695	330	5	40/17	23	278	093	579	5	289/264	23	SEE F.B 2839-23 FOR DESC
3	022	936	323	5	42/2	40	246	112	541	5	266/226	40	
4	043	878	344	5	[illegible]	42	280	704	581	5	301/258	43	
5	015	332	316	5	28/3	25	298	127	599	5	298/271	28	
6	027	279	328	5	99/79	19	296	360	[illegible]	5	296/286	20	
7	035	758	336	5	44/26	18	271	807	572	5	281/262	19	⊼ R.D. GLIDDEN
8	007	223	308	5	23/7 ×2	32	235	940	[illegible]		249/220	29	
9	086	774	382	5	113/[illegible]	[illegible]	210	650	571	5	237/182	55	
10	133	275	434	5	160/105	55	191	344	492	5	218/163	55	
11	132	490	433	5	151/113	38	184	806	985	5	202/[illegible]	37	
TOTAL	610	463	CM			381	2774	690	CM			382	
							610	463				381	
							2164	227	CM			763	METERS
Diff in Elev BM 60-34													BM 60-34
													LYONS AVE & RURAL RD
													SEE F.B 2839-25 FOR DESC

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. 2839 PG. 106 — SURVEY OF L. A. CO. PRECISE LEVEL NET — JOB NO. 0301.02 — SURVEY BY A.C.C. — NOTES 4-2-63 — INDEXED H. E. OTT — DATE

WEATHER WINDY — TIME 2,20 TO 2,45 — NOTES CHKD — DATE — INST. NO. N3 75234 — ROD NO. 55 E 56

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-34 TO BM 60-33
BM 60-34													BM 60-34
1	174	935	475	5	192 / 155	37	122	612	423	5	146 / 103	37	LYONS AVE & RURAL RD
													SEE F.B. 2839-25 FOR DESC
2	209	514	510	5	236 / 181	55	149	448	450	5	176 / 121	55	
3	209	309	510	5	236 / 181	55	087	415	388	5	114 / 59	55	
4	241	001	542	5	256 / 226	30	012	244	313	5	X2 27 / 12	30	
5	272	048	573	5	281 / 263	18	035	611	337	5	45 / 27	18	⊼ R.D. GLIDDEN
6	294	821	595	5	X2 294 / 284	20	025	625	320	5	34 / 15	19	
7	298	133	599	5	X2 298 / 284	28	015	483	316	5	28 / 3	25	
8	274	828	575	5	295 / 253	42	038	482	339	5	59 / 16	43	
9	246	748	547	5	265 / 227	38	023	833	324	5	43 / 2	41	
10	281	929	582	5	292 / 269	23	032	878	333	5	43 / 20	23	
11	279	345	580	5	295 / 262	33	073	820	374	5	90 / 56	34	
TOTAL	2782	611	CM			379	618	457	CM			380 / 379 / 759	METERS
	618	457											
Diff in Elev	2164	154											
BM 60-33													BM 60-33 (30 F 40) GOLDEN STATE HWY & LYONS AVE
													SEE F.B. 2839-23 FOR DESC

76P526B CE # 308 8-59

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Do not extend notes this side of this line.

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

SURVEY BY R. G. GALLARDO WEATHER WINDY INST. NO. 75254

NOTES BY H. E. OTT DATE 1-12-61 TIME 9:05 - 9:35 ROD NO. 3554

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 107

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS From BM. 60-34 To BM. 60-35
BM 60-34													BM. 60-34
1	041	243	322	5	118 / 63	55	199	808	500	5	227 / 172	55	LYONS & FOUL-
													SEE F.B. 2829-25
2	078	237	379	5	106 / 50	56	221	243	522	5	209 / 194	55	
3	141	333	448	5	175 / 118	56	080	223	32[illegible]	5	[illegible]	5[illegible]	
4	173	293	414	5	201 / 145	56	385	3[illegible]	52[illegible]	5	200 / 227	[illegible]	A. L. GOBLE
5	093	225	342	5	171 / 115	56	174	232	413	5	202 / 85	57	
6	118	193	419	5	[illegible]	56	164	377	465	5	172 / 136	56	
7	149	697	421	5	168 / 112	56	123	170	40[illegible]	5	118 / [illegible]	[illegible]	
8	198	578	190	5	218 / 178	40	299	533	400	5	118 / 79	39	
TOTAL	1043	074				431	1344	901				430	
DIFF. IN							1043	074				431	
ELEV.							301	827	CM.			861	METERS
BM. 60-35													BM. 60-35
													LYONS AVE. & FOOTHILL ST.
													SEE F.B. 2839-26

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F.B. 2839 Pg. 108 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES R.C.

INDEXED B.E. OH DATE

WEATHER WINDY INST. NO. 75234

TIME 1020 1045 ROD NO. 75596

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM. 60-35 TO BM. 60-34
BM. 60-35													BM. 60-35
1	092	722	345	5	112 / 72	45	[illegible]	131	44[illegible]	5	212 / 173	40	PEACHLAND ST. & LYONS AVE.
													SEE F.B. 2839-26
2	118	430	419	5	196 / 90	56	145	[illegible]	44[illegible]	5	171 / 115	56	
3	165	596	466	5	173 / 137	56	113	390	414	5	141 / 85	56	
4	171	907	472	5	200 / 142	58	092	381	393	5	120 / 64	56	T A.L. GOBLE
5	278	041	679	5	278 / 251	54	74	535	475	5	202 / 145	57	
6	080	323	381	5	108 / 52	56	139	505	440	5	167 / 111	56	
7	222	817	523	5	250 / 195	55	079	642	380	5	107 / 52	55	
8	200	377	501	5	227 / 172	55	091	927	342	5	118 / 63	55	
TOTAL	1330	193				430	1028	431				431	
DIFF. IN	1028	431										430	
ELEV.	301	762	C.M.									861	METERS
BM. 60-34													BM. 60-34
													LYONS AVE. & FOURL ST.
													SEE F.B. 2839-25

76P526B CE # 306 8-59

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Do not extend notes this side of this line.

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

SURVEY BY [illegible] WEATHER WINDY INST. NO. 173-234

NOTES BY [illegible] DATE [illegible] TIME 9:35 10:00 ROD NO. [illegible]

INDEXED H. E. OTT DATE [illegible] NOTES CHKD DATE

F.B. 2839 Pg. 89

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM. 60-35 TO BM. 60-36
B.M. 60-35									BM. 60-35
1	212	095	514 5	785 56	050	362	351 5	22 56	PEACHLAND & LYONS
									SEE F.B. 2831-26
2	259	715	560 5	231 56	107	[illegible]	40[illegible] 5	56	
3	139	372	140 5	56	160	397	[illegible]	56	
4	[illegible]	327	[illegible]	133 56	198	812	[illegible]	56	
5	217	389	519 5	759 56	131	325	434	57	
6	164	798	465 5	135 56	122	421	433 5	104 56	
7	[illegible]	485	458 5	129 56	161	773	[illegible]	133 56	
8	126	660	[illegible] 5	123 56	158	168	437 5	126 24	
TOTAL	1409	947		47	1021	721		416	
DIFF. IN ELEV	1021	721						417	
	425	226	5 M.					833	METERS
BM. 60-36									BM. 60-36
									LYONS & KAYMAN ST.
									SEE F.B. 2839-27

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Do not extend notes this side of this line.

WEATHER WINDY INST. NO. 75230
TIME 10:00 10'ZOROD NO. 75296
NOTES CHKD DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-36 TO BM 60-35
BM.60-36													B.M. 60-36
1	133	800	434	5	145 / 121	24	132	380	433	5	144 / 119	25	LYONS AVE. WAYMAN ST.
													SEE F.B. 2839-27
2	165	875	466	5	193 / 137	56	161	562	460	5	189 / 133	56	
3	130	532	431	5	158 / 102	56	163	002	464	5	141 / 135	56	
4	131	707	432	5	159 / 103	56	217	650	518	5	205 / 159	56	
5	134	140	435	5	162 / 106	56	155	057	456	5	183 / 127	56	
6	154	827	455	5	182 / 126	56	132	199	434	5	161 / 105	56	TT A. L. GOBLE
7	101	637	402	5	129 / 73	56	254	035	555	5	202 / 220	56	
8	045	530	346	5	73 / 17	56	209	101	510	5	157 / 121	56	
TOTAL	998	551				416	1422	285	/			417	
DIFF. IN							998	051				416	
ELEV.							423	234	CM	/		833	METERS
BM.60-35													BM 60-35
													LYON AVE. & PEACEFUL ST.
													SEE F.B. 2839-26

F.B. 2839 PG. 110 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A. E. Ott NOTES RCC

INDEXED DATE 1-10-61

76P526B CE # 306 8-59

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

SURVEY BY A.C. GUIZADO WEATHER WINDY INST. NO. 75220

NOTES BY R.E. OTT DATE 1-10-61 TIME 1445 ROD NO. 95416

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 60-36 TO BM 60-37
BM 60-36													B.M. 60-36
1	112	14[illegible]	473	5	[illegible]	46	098	696	399	5	121 75	46	LYONS AVE. & WAYMAN ST.
													SEE F.B. 2839-27
2	127	42[illegible]	428	5	192 12	30	200	32	56	5	175	31	
3	018	059	3[illegible]	5	73 3	[illegible]	784	157	559	5	204	30	π A.L. GOBLE
4	204	657	310	5	35 4	46	229	70[illegible]	53[illegible]	5	77	46	
5	178	003	479	5	739 761	55	111	783	42[illegible]	5	47	55	
6	240	54	501	5	237 512	55	34	091	435	5	161 26	55	
7	172	630	473	5	194	44	124	290	429	5	156 112	44	
TOTAL	918	480				305	1232	344	/			307	
DIFF. IN							918	485	/			306	
ELEV							334408					613	METERS
T.P.N.													T.B.M.
1	200	100	501	5	222 178	55	110	490	4[illegible]	5	135 62	55	& INT. NEWHALL & 9TH. ST.
													SEE F.B. 2839-77
2	200	720	501	5	222 177	45	2	147	413	5	135 [illegible]	46	
3	204	267	510	5	222 [illegible]	55	059	332	370	5	97 42	55	
4	233	027	534	5	220 214	34	2	227	413	5	120 [illegible]	34	
	849	114	/			192	204	120				190	

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER WINDY INST. NO. N-3 25234

TIME 1:45 2:20 ROD NO. 95576

NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-36 TO BM 60-37
SUB TOTAL	849	114				193	40	[illegible]				193	
7	173	021	479	5	175	4	0	244	310	5	14	4	
TOTAL	1022	135	/			194	213	733				194	
DIFF. IN	413	938	/									194	
ELEV.	608	197	CM.									388	METERS
BM. 60-37													B.M. 60-37 (USC&GS. K-631)
													RESET 1926
													SAN FERNANDO CO. &
													6TH. ST.
													SEE F.B. 2889-28

F.B. 2889 PG. 112 JOB NO. 01.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY [illegible] NOTES [illegible]

INDEXED B. E. OH DATE 1-10-61

76PS26B CE # 306 8-59

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Do not extend notes this side of this line.

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

SURVEY BY R. A. C. GUIZADO WEATHER SUNNY INST. NO. 45234

NOTES BY DATE 1-16-61 TIME 1:00 ROD NO. 85-86

INDEXED H. E. OTT DATE NOTES CHK'D DATE

F.B. 2839 Pg. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 60-37 TO BM. 60-36
BM. 60-37													BM. 60-37 (USCE&S. K-53
1	010	600	311	5	5	4	173	558	474	5	171	4	RESET 1926
2	4	[illegible]	[illegible]		131	34	230	[illegible]	531	5	283	24	SAN FERNANDO RD. & 8TH ST.
3	065	231	300	5	33	55	204	217	[illegible]	5	77	55	SEE F.B. 2839-28
4	112	390	473	5	86	[illegible]	201	102	52[illegible]	5	173	16	TA A.L. GOLLL
5	111	435	302		84	54	207	65[illegible]	50[illegible]		180	55	
TOTAL	414	[illegible]				194	1022	9[illegible]				146	
DIFF. IN ELEV.							414	[illegible]				32	
							608	114	1			388 METERS	
T.B.M.													T.B.M.
1	133	347	434	5	155	44	172	255	47[illegible]	5	194	44	S. AVE. NEWHALL TR. ST.
2	141	320	442	5	114	55	213	633	[illegible]	5	216	55	SEE F.B. 2839-111
3	130	32[illegible]	[illegible]	5	114	55	172	394	413	5	115	55	
4	[illegible]	[illegible]	521	5	194	15	005	125	300		5	1[illegible]	
5	285	901	592	5	275	35	[illegible]	657	314	5	13	30	
6	254	699	560	5	244	31	182	207	433	5	117	31	
SUB TO	1147	279	1			261	739	377				261	

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. 60-37 TO B.M. 60-36
SUB TOTAL	147	274				261	734	311				261	
7	102	125	403	5	125 / 79	46	175	612	475	5	190 / 152	46	
TOTAL	1249	399				307	914	983				307 / 307	
DIFF. IN	914	983										614	METERS
ELEV	334	416	C.N.										
B.M60-36													B.M. 60-36
													LYONS AVE & WAYMAN ST.
													SEE F.B. 2839-27

WEATHER Windy INST. NO. 25239

TIME 1:00 1:45 ROD NO. 95686

NOTES CHKD. _____ DATE _____

F.B. 2839 PG. 114 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY A.C.C. NOTES R.C.

INDEXED H. E. OH DATE _____

76P526B CE # 306 8-59

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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 A. C. GUIZADO NOTES BY A. L. G. DATE 1-11-61 WEATHER SUNNY INST. NO. 75234

INDEXED H.E.OM DATE NOTES CHKD. DATE TIME 9:35 TO 9:50 ROD NO. 95 & 96

F.B. 2839 PG. 115

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-37 TO BM 60-38
BM 60-37													BM 60-37 (U.S.C&GS K53
1	006	020	—	5	8/4	4	169	668	470	5	174/164	4	SAN FERNANDO RD & 8TH ST.
2	163	312	464	5	190/135	55	182	274	483	5	209/154	55	SEE FB 2833-28 FOR DESC
3	087	405	388	5	145/53	56	218	516	573	5	246/[illegible]	56	
4	106	830	407	5	134/78	56	165	683	466	5	188/138	55	
5	125	782	426	5	152/97	55	139	765	440	5	167/111	56	↑ R. D. GLIDDEN
6	172	042	473	5	178/165	13	141	472	442	5	157/137	13	
TOTAL	661	401	CM			239	1017	384	CM			239	
							661	401				239	
DIFF IN ELEV BM 60-38							355	983	CM			478	METERS
								7					BM 60-38 (49 C.H.C) SP. SAN FERNANDO RD & 12th ST
													SEE FB 2839-29 FOR DESC

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 60-38 TO BM 60-37
BM 60-38													BM 60-38 (49 CHC) S.P.
1	161	752	462	5	167/154	13	194	028	495	5	200/187	13	SAN FERNANDO RD & 12th ST
2	143	664	444	5	170/115	55	128	668	429	5	155/100	55	SEE F.B 2839-29 FOR DESC
3	164	592	465	5	191/136	55	102	860	403	5	129/74	55	
4	211	999	512	5	235/183	56	087	829	388	5	115/59	56	
5	189	391	490	5	216/161	55	165	860	466	5	192/137	55	R. D. GLIDDEN
6	174	710	475	5	176/172	4	010	930	—	5	12/8	4	
TOTAL	1046	108	CM			238	690	170	CM			238	
	690	170										238	
DIFF IN ELEV	335	932	CM									476	METERS
BM 60-37													BM 60-37 (K 53) USC&GS
													SAN FERNANDO RD & 8TH ST
													SEE F.B 2839-28 FOR DESC

WEATHER SLIGHT WIND SUNNY INST. NO. N3 75234

TIME 12.55 TO 1.10 ROD NO 35696

NOTES CHKD _____ DATE _____

F.B. 2839 PG. 116 JOB NO. 0301.02

SURVEY OF LA MT DRFCISE LEVEL NET

SURVEY BY ACG NOTES ALG 1-11-61

INDEXED H.E. OTT DATE _____

76P526B CE # 308 8-59

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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 A. C. GUIZADO NOTES BY A. L. G. E. OM DATE 1-11-61 WEATHER SUNNY TIME 9.50 To 10.25 INST. No. 75234 ROD NO. 35296

INDEXED DATE NOTES CHKD DATE F.B. 2839 PG 17

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-38 TO BM 60-39
BM 60-38	154	318	455	5	181 / 126	55	232	701	533	5	260 / 204	56	BM 60-38 (49 CHC) S.P.
2	103	045	404	5	129 / 76	53	268	482	569	5	295 / 241	54	SAN FERNANDO RD & 12th St
3	032	138	333	5	59 / 4	55	267	258	568	5	295 / 239	56	SEE F.B. 2839-29 FOR DESC
4	050	069	351	5	78 / 22	56	253	683	554	5	280 / 225	55	
5	079	851	380	5	106 / 51	55	236	468	531	5	263 / 208	55	
6	086	143	387	5	113 / 59	54	208	837	509	5	235 / 180	55	R. D. GLIDDEN
7	091	639	392	5	118 / 63	55	190	612	491	5	217 / 162	55	
8	095	470	396	5	123 / 68	55	195	924	496	5	222 / 167	55	
9	098	664	399	5	125 / 70	55	200	394	501	5	227 / 172	55	
10	145	956	446	5	167 / 124	43	167	404	468	5	187 / 146	41	
TOTAL	937	293	CM			536	2221	764	CM			537	
							937	293				536	
DIFF in Elev							1284	471	CM			1073	METERS
BM 60-39													BM 60-39 (Q370) USC&GS
													SAN FERNANDO RD &
													LA PLACERITA CREEK
													SEE F.B. 2869-30 FOR DESC

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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. 2839 PG. 18 JOB NO. 0301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG 1-11-61

INDEXED H. E. OH DATE

WEATHER SUNNY INST. NO. 75234

TIME 11.05 To 11.35 ROD NO. 95699

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-39 TO BM 60-38
BM 60-39													BM 60-39 (Q 370) USC&GS
1	169	392	470	5	189 / 148	41	149	062	450	5	170 / 128	42	SAN FERNANDO RD &
													LA PLACE RITA CREEK
2	193	263	494	5	220 / 165	55	089	923	390	5	116 / 61	55	SEE F.B 2839-30 FOR DESC
3	191	653	492	5	218 / 163	55	090	012	391	5	117 / 62	55	
4	185	517	486	5	212 / 157	55	089	768	390	5	116 / 61	55	
5	205	374	506	5	232 / 177	55	080	068	381	5	107 / 53	54	
6	238	103	539	5	265 / 210	55	083	748	384	5	110 / 55	55	
7	259	854	560	5	286 / 231	55	055	285	356	5	82 / 27	55	R. D. GLIDDEN
8	265	478	560	5	292 / 237	55	030	443	331	5	58 / 3	55	
9	273	468	574	5	300 / 246	54	108	486	409	5	134 / 81	53	
10	232	243	533	5	260 / 204	56	153	258	454	5	181 / 125	56	
TOTAL	2214	3457	CM			536	930	053	CM			535	
	930	053										536	
DIFF IN ELEV	1284	292										1071	METERS
BM 60-38													BM 60-38 (49 CH C) S.P.
													SAN FERNANDO RD &
													12th ST
													SEE F.B 2839-29
													FOR DESC

76P526B CE # 306 8-59

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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 GO-39 TO BM GO-40
BM GO-39													BM GO-39 (Q370) USC&GS
1	098	553	399	5	125 / 70	55	240	211	541	5	297 / 212	55	SAN FERNANDO RD &
													LA PLACERITA CREEK
2	087	273	388	5	65 / 55	55	226	687	521	5	253 / 198	55	SEE F.B 2839-30 FOR DESC
3	091	384	392	5	118 / 63	55	237	618	538	5	264 / 209	55	
4	097	410	398	5	127 / 69	55	209	746	510	5	236 / 181	55	
5	117	278	418	5	144 / 89	55	206	190	507	5	233 / 178	55	⊼ R. O GLIDDEN
6	118	538	419	5	145 / 90	55	197	279	498	5	224 / 169	55	
7	134	275	435	5	161 / 106	55	189	692	490	5	216 / 161	55	
8	152	275	453	5	179 / 143	17	140	510	441	5	148 / 131	17	
TOTAL	897	556	CM			392	1647	933	CM			392	
							897	556				392	
DIFF IN ELEV							750	377	CM			784	METERS
BM GO-40													BM GO-40
													SAN FERNANDO RD & 0.8 MI
													So. OF SAUGUS R.R. STA
													SEE F.B 2839-31 FOR DESC

JOB NO. 0301,02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A. C. GUIZADO WEATHER SUNNY INST. NO. 75234

NOTES BY A. L. G. DATE 1-11-61 TIME 10.25 To 10.45 ROD NO. 95 & 96

INDEXED H. E. OH DATE NOTES CHKD. DATE

F.B. 2839 PG. 118

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.

WEATHER SUNNY INST. NO. N3 75236

TIME 10:45 To 11:05 ROD NO. 95299G

NOTES CHKD. DATE

F.B. 2839 PG. 120 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY A.C.G. NOTES A.L.G. 1-11-61

INDEXED N.E. OTT DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 60-40 TO BM 60-39
BM 60-40													BM 60-40
1	140	764	441	5	148 / 131	17	152	489	453	5	160 / 143	17	SAN FERNANDO RD. & O.B.M.
2	194	691	495	5	221 / 166	55	139	289	440	5	144 / 119	55	SO. OF SAUGUS RR sta
													SEE F.B. 2839-31 FOR DESC
3	194	762	495	5	221 / 166	55	117	756	418	5	144 / 89	55	
4	205	782	506	5	233 / 178	55	114	324	415	5	141 / 86	55	
5	210	021	511	5	237 / 182	55	100	208	401	5	127 / 72	55	⊼ R.D. GLIDDEN
6	239	329	540	5	266 / 211	55	091	907	392	5	115 / 65	55	
7	227	125	528	5	254 / 199	55	087	565	388	5	111 / 55	55	
8	234	782	535	5	261 / 206	55	093	423	394	5	120 / 65	55	
TOTAL	1647	256	CM			392	897	001	CM			392	
	897	001										392	
DIFF IN ELEV	750	255	CM									784	METERS
BM 60-39													BM 60-39 (Q 370) U.S.C.&G.S.
													SAN FERNANDO RD &
													LA PLACERITA CREEK
													SEE F.B. 2839-30 FOR DESC

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 A. C. FITZGERALD WEATHER SLIGHT WIND INST. NO. 85-5227

NOTES BY H. E. OTT DATE 1/11/61 TIME 2:35 TO 3:00 ROD NO. 956 & 16

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 121

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-40 TO BM 60-41
BM 60-40													BM 60-40
1	139	851	440	5	197 / 111	56	154	058	455	5	181	55	SAN FERNANDO Rd & 0.8 MI S'ly FROM SAUGUS R.R. Sta.
2	140	168	447	5	173 / 118	55	149	530	45[illegible]	5	179 / 129	55	SEE FB 2839-31
3	130	848	437	5	163 / 108	55	213	977	514	5	240 / 185	55	
4	110	695	411	5	137 / 82	55	174	064	475	5	2[illegible] / 1[illegible]	55	
5	142	379	443	5	169 / 114	55	132	300	493	5	219 / 164	55	⊼ R.D GLIDDEN
6	131	925	432	5	158 / 103	55	188	908	489	5	165 / 165	55	
7	134	369	435	5	160	55	218	635	[illegible]	5	245 / 185	55	
8	014	477	3[illegible]	5	49	58	290	168	591	5	235 / 204	58	
TOTAL	956	712	[illegible]			444	1581	700	CM			443	
							956	712				440	
DIFF IN ELEV BM 60-41							624	988	CM			887	METERS

BM 60-41 (USC&GS R370)
SAN FERNANDO Rd & 0.3 MI S'ly FROM SAUGUS RR Sta.
SEE FB 2839-32

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

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F.B. 2839 PG. 122 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY ACG NOTES ALG

INDEXED H. E. OTT DATE

WEATHER SUNNY INST. NO. N3 15234

TIME 2:10 TO 2:35 ROD NO. 25E26

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-41 TO BM 60-40
BM 60-41													BM 60-41 (USC&GS R-370
1	290	400	591	5	290 / 260	60	014	475	315	5	12 / 44 / 14	60	SAN FERNANDO Rd & 0.3 MI
													S'LY FROM SAUGUS RR Sta
2	211	957	512	5	238 / 183	55	127	754	428	5	154 / 99	55	SEE FB 2839-32
3	186	036	487	5	218 / 158	55	129	635	430	5	159 / 101	55	
4	185	921	486	5	212 / 157	55	135	254	436	5	162 / 107	55	
5	172	110	473	5	199 / 144	55	108	538	409	5	135 / 80	55	
6	211	391	512	5	238 / 183	55	134	313	435	5	161 / 106	55	
7	148	869	449	5	175 / 120	55	145	758	446	5	172 / 117	55	
8	153	047	454	5	180 / 125	55	136	800	439	5	166 / 110	56	
TOTAL	1559	431	CM			445	934	527	CM			446	
	934	527										445	
DIFF/ELEV	624	904	CM									891	METERS
BM 60-40													BM 60-40
													SAN FERNANDO Rd & 0.8 MI
													S'LY FROM SAUGUS RR Sta
													FB 2839-31

76P526B CE # 308 8-59

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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 60-41 TO BM 60-42
BM 60-41													BM 60-41 (USCEGS R370)
1	216	920	517	5	235/197	38	186	958	487	5	205/167	38	SAN FERNANDO Rd & 0.3 MI.
													S'LY FROM SAUGUS RR Sta
2	121	020	422	5	148/93	55	167	306	461	5	190/135	55	SEE FB 2839-32
3	145	054	446	5	172/117	55	162	105	463	5	189/134	55	
4	154	573	455	5	181/126	55	155	829	456	5	182/127	55	T R.O GLIDDEN
5	159	583	460	5	191/127	64	169	332	470	5	202/137	65	
TO TAL	797	156	CM			267	841	530	CM			268	
							797	156				267	
DIFF IN ELEV							44	374	CM			535	METERS
BM 60-42													BM 60-42 (USGS 1171)
													SAUGUS at SPRR Sta.
													SEE FB 2839-33

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

SURVEY BY A L G GUIZADO DATE 1-11-61 WEATHER SLIGHT WIND INST. NO. 75238

NOTES BY H. E. OH DATE TIME 300 TO 3.15 ROD NO. 35296

INDEXED DATE NOTES CHKD DATE

F.B. 2839 PG. 123

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

Do not extend notes this side of this line.

F.B. 2839 PG. 124 — SURVEY OF L.A. CO. PRECISE LEVEL NET — SURVEY BY A.C.G. — NOTES A.C.G. 1-11-61 — INDEXED H.E. OTT — DATE — JOB NO. 8301.62

WEATHER SUNNY — TIME 1.55 TO 2.10 — NOTES CHKD. — DATE — INST. NO. N3 75234 — ROD NO. 35436

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-42 TO BM 60-41
BM 60-42													BM 60-42 (USGS 1171)
1	170	054	471	5	203 / 136	67	160	437	461	5	191 / 129	62	SAUGUS at SPRR sta
													SEE FB 2839-33
2	159	014	460	5	186 / 131	55	157	464	458	5	184 / 129	55	
3	161	308	462	5	187 / 134	53	144	418	445	5	172 / 115	57	
4	169	700	470	5	196 / 141	55	123	262	424	5	150 / 95	55	⊼ R. D GLIDDEN
5	190	220	491	5	208 / 171	37	220	417	521	5	239 / 201	38	
TOTAL	850	296	CM			267	805	998	CM			267	
	805	998										267	
DIFF IN ELEV	44	298	CM									534	METERS
BM 60-41													BM 60-41 (USC&GS R370 1953)
													SAN FERNANDO Rd & 0.8 mi
													S'LY FROM SAUGUS RR sta
													SEE FB 2839-32

76PS26B CE # 306 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY P.C. CHITTAO WEATHER Good INST. NO. 22332

NOTES BY R.C. DATE 1-12-61 TIME 9:45 - 10:15 ROD NO. 55F96

INDEXED H.E. OTT DATE NOTES CHKD DATE

F.B. 2839 Pg. 125

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 60-42 TO BM 60-43
BM 60-42									BM 60-[illegible] USGS 1171
1	133	770	404	127 / 50 37	170	960	[illegible]	102 / 102 37	Saugus at SPRR station
									See FB 2839-33
2	135	912	426	58 / 17 36	154	620	481	114 / 79 36	
3	134	900	435	162 / 106 56	57	571	488	85 / 129 46	
4	125	913	431	159 / 101 55	772	772	5[illegible]	7[illegible] / 73 55	
5	116	710	417	145 / 57 58	74	822	4[illegible]	773 / 60 59	T A.L. Goble
6	127	520	410	139 / 50 55	84	711	488	716 / 155 55	
7	120	91[illegible]	421	149 / 91 55	13	210	494	773 / 164 55	
8	117	473	4[illegible]	87 / 87 60	177	557	473	77[illegible] / 26 61	
9	141	513	4[illegible]	112 / 112 55	103	[illegible]	4[illegible]	132 / 103 [illegible]	
Total	1110	4[illegible]		479	733	702		490	
DIFF. IN		6			1[illegible]	4[illegible]	6	479	
ELEV.					423	284	6	959	NET [illegible]
BM 60-43									BM 60-43 (USCEGS X898 1955)
									Bouquet Cn Rd & 0.6 mi No
									of SPRR at Saugus
									See FB 2839-34

N-3

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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. 2839 PG 126 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY A.L.G. NOTES P.G.

INDEXED H.E.O. DATE 1-12-61

WEATHER Good INST. NO. 75234

TIME 9:15 9:45 ROD NO. 95296

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-43 TO B.M. 60-42
B.M. 60-43													BM 60-43 (USC&GS X898 1955
1	099	922	400	5	127 99	56	125	391	445	5	138 115	[illegible]	Bouquet Cn Rd & 0.6 mi No. of
2	178	847	479	5	209 147	62	[illegible]	325	417	5	140 90	57	SPRR station at Saugus
3	191	102	492	5	220 162	58	224	477	425	5	143 95	58	See FB 2839-34
4	190	267	491	5	219 161	58	106	277	407	5	135 94	58	
5	190	952	491	5	219 161	58	116	252	417	5	145 87	58	A.L. Goble
6	211	130	512	5	243 182	58	125	[illegible]	[illegible]	5	154 94	58	
7	169	653	479	5	197 141	56	142	476	447	5	172 120	56	
8	160	614	401	5	178 142	36	131	580	439	5	165 119	36	
9	175	705	479	5	197 159	38	111	433	412	5	154 95	36	
TOTAL	1579	545	/	5		479	1127	364				479	
DIFF IN	1.27	365	/									479	
ELEV.	443	17	C.N.									756	METERS
B.M. 60-42													BM 60-42 (USGS 1171)
													Saugus at RR station
													See FB 2839-33

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 [illegible] TO [illegible]
B.M. 00-42													B.M. 00-42 (USGS 171)
1	104	008	[illegible]	5	56	57	171	527	[illegible]	5	123	37	AT SAUGUS IN SP RR
2	37	[illegible]	[illegible]		[illegible]	26	38	[illegible]	[illegible]		[illegible]	36	STATION YARD
3	93	481	434		161 / 105	56	56	335	[illegible]		160 / 125	56	SEE F.B. 2539-33
4	135	250	[illegible]		171 / 106	65	159	103	[illegible]		[illegible] / 160	53	
5	107	612	235		138 / 81	52	203	017	504		[illegible] / 100	52	AT [illegible]
6	132	11	457		160 / 125	25	54	832	494		170 / 139	31	
[illegible]	159	632					033	200					
[illegible]							123	632					
[illegible]							279	505					
B.M. J 00													B.M. J-00 U.S.C.&G.S.
													0.2 MILES NORTHWEST
													ON HWY. 126 FROM
													SAUGUS SP RR YARD
													CONC. BR. SEE 53-15
													BRONZE DISK IN NORTH
													EAST CONC. ABUTMENT

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

SURVEY BY [illegible] WEATHER [illegible] INST. NO. [illegible]

NOTES BY [illegible] DATE [illegible] TIME [illegible] ROD NO. [illegible]

INDEXED H. E. OTT DATE NOTES CHKD DATE

F.B. 2839 PG. 127

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.

WEATHER WARM INST. NO. 1 & 2
TIME 1445 ROD NO. 1 & 2
NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM. J-52 TO BM. 60-42
BM. J-52													B.M. J-52 U.S.C&G.S.
1	159	349	400	5	173 / 122	51	136	949	437	5	151 / 122	29	0.3 MILES NORTHWEST
2	199	127	498	5	[illegible]	6	[illegible]	291	998	5	83 / 17	66	ON HWY. 126 FROM
3	122	812	469	5	172 / 108	64	33	122	439	5	170 / 106	64	SAUGUS SPRR. YARD,
4	151	949	221	5	172 / 122	50	[illegible]	[illegible]	431	5	159 / 122	37	COND. BRIDGE 53-5
5	159	841	400	5	[illegible]	80	132	268	451	5	126 / 123	3	BRONZE DISK IN NORTH
6	172	963	494	5	185	[illegible]	197	[illegible]	[illegible]	5	86 / 49	37	EAST COND. ABUTMENT
TOTAL	1509	536	/			275	[illegible]	[illegible]				270	
DIFF. IN	748	944										203	T. A. L. GOBLE
ELEV.	279	442	L.N.									0.53	
BM. 60-42													METERS
													BM. 60-42 (U.S.C.G.S. 1171)
													AT SAUGUS IN SPRR
													STATION YARD
													SEE F.B. 2837-33

F.B. 2837 PG. 126 JOB NO. 6301.02

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY L. A. CO. NOTES L.G.

INDEXED H. E. OTT DATE 1-12-61

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 A. C. GUIZARD WEATHER WARM INST. NO. 75230

NOTES BY R. G. DATE 1-12-68 TIME 1115 ROD NO. 85696

INDEXED H. E. OH DATE NOTES CHKD DATE

F.B. 2839 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM J-52 TO [illegible]
B.M. J-52				167				706	B.M. J-52 U.S.C.&G.S.
	[illegible]	[illegible]	[illegible]	120 [illegible]	39	[illegible]	42	53 [illegible]	0.3 MILES NORTHWEST
1	[illegible]	211	[illegible]	[illegible] 38	169	341	[illegible]	[illegible] 33	ON HWY. 126 FROM
									SAUGUS S.P.R.R. YARD
2	117	[illegible]	415	142 [illegible] 53	203	27	50	[illegible] 24	BRONZE DISK IN NORTH
									EAST CONC. ABUTMENT
3	[illegible]	12	396	73 [illegible] 22	233	[illegible]	533	[illegible]	OF A [illegible]
4									
5	268	[illegible]	370	95 43 52	050	151	356	[illegible]	
TOTAL	[illegible]	[illegible]		213	678	588	/	246 [illegible]	
DIFF. IN					[illegible]	[illegible]			
B.M. RV-68					327	[illegible]	/ [illegible]	43	METERS
									B.M. RV-68 (SPO)
1	[illegible]	612	390	[illegible] 22	064	[illegible]	[illegible]	32 23	0.6 MILES NORTHWEST
									ON HWY. 126 FROM
2	221	[illegible]	[illegible]	149 [illegible] 54	[illegible]	102	[illegible]	110 56 54	SAUGUS S.P.R.R. YARD
									IRC. IN TOP OF WEST
3	203	[illegible]	509	730 [illegible] 44	112	[illegible]	[illegible]	30 57	CONC. ABUTMENT OF
									BRIDGE 448.07
4	[illegible]	521	[illegible]	[illegible] 39	12	082	4.[illegible]	[illegible] 56	
5	176	[illegible]	[illegible]	[illegible] 15	[illegible]	[illegible]	[illegible]	[illegible] 46	
TOTAL	845	821	/	244	[illegible]	899		[illegible]	
DIFF. IN	51	399						[illegible]	B.M. J-52 U.S.C.&G.S.
ELEV.	327	764	/ C.M.			METERS		487	(SEE ABOVE)
B.M. J-52									

F.B. 2839 Pg. 130

JOB NO.

SURVEY OF L. A. CO. PRECISE LEVEL NET

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE 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

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

F.B. 2839 PG. 131

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

SURVEY BY G.E. DREIER WEATHER INST. NO. 96716

NOTES BY G.E. DREIER DATE OCT. & NOV. 1966 TIME ROD NO. 9F19

INDEXED C. J. GALLI DATE NOV 21 '68 NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	RIGHT	MIC.	LEFT.	STADIA	FROM TO
								L.A. CO. PRECISE LEVEL NET
								JOB. NO. 0301.02
								LINE NO. 60 1966 RERUN
								DIFFERENCES IN ELEVATIONS IN CM.
								SEE F.B. 2839-5 TO 34 AND F.B. 3719-115 TO 198 FOR DESCRIPTIONS
								DREIER WILKS SIEMANN MCKNIGHT GOODWIN

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.

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

76P526 CE # 308 3-65

F.B. 2839 Pg. 132 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER

INDEXED C. J. CALLI DATE

WEATHER INST. NO. 96716

TIME ROD NO. 9819

NOTES CHKD DATE

ROUTE

FROM SAN FERNANDO ROAD AND ROXFORD STREET, N.W'LY ON SAN FERNANDO ROAD TO HWY 99 OFF RAMP AND HWY 99 TO LYONS AVE., EAST ON LYONS AVE TO NEWHALL AVE, S.E'LY ON NEWHALL AVE. TO 8th STREET, E'LY ON 8th ST. TO SAN FERNANDO ROAD AND NORTHERLY TO BOUQUET CN. ROAD, 0.6 mi. N. OF R.R. STATION AT SAUGUS

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

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 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

76P526 CE # 308 3-65

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

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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. DREIER
NOTES BY SIEMANN
INDEXED C.J. GALLI
DATE 10-25-66
WEATHER HOT
TIME 8:10 TO 3:40
INST. NO. 96316
ROD NO. 7612
NOTES CHKD
DATE NOV 23 '68
F.B. 2839 Pg. 133

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From B.M. 60-1 To B.M. 60-2
B.M. 60-1									B.M. 60-1 (U.S.G.S. RS-10)
1	248 080	550	5	2218 62	8 040	309	5	½ 8 62	SAN FERNANDO ROAD AND ROXFORD STREET.
2	264 168	565	5	235 58	77 472	328	5	48 58	SEE F.B. 2839-9
3	246 752	547	5	220 52	26 907	327	5	½ 26 52	↑ WILKS
4	290 015	591	5	½ 265 50	20 372	321	5	½ 20 50	
5	167 042	462	5	164 6	183 888	484		180 6	
B.M. 60-2									B.M. 60-2 (L.A. CITY 3-J-22)
	1217.057				316.679				SAN FERNANDO RD. & W. LINE OLDEN ST. PROD. S'LY. SEE F.B. 2839-10
	316.679								
+	900.378								

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

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

Do not extend notes this side of this line.

F.B. 2839 Pg. 134 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise LEVEL NET
SURVEY BY DEIER NOTES SIEMANN (10-30-66)
INDEXED G. & GALLI DATE

WEATHER HOT INST. NO. 96716
TIME 10:20 TO 10:40 ROD NO. 9 & 19
NOTES CHKD DATE JUN 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-2 TO B.M. 60-1
B.M. 60-2									B.M. 60-2 (CITY L.A. 3-J-22)
1	61	686	362	5 ½ 87 61 52	296	512	597	5 ½ 276 274 44	SAN FERNANDO RD. & OLDEN ST.
									SEE F.B. 2839-10
2	12	447	313	5 ½ 40 12 56	275	555	576	5 306 244 62	
				108				106	T Wilks
3	15	158	316	5 ½ 57 15 84	292	386	593	5 ½ 292 252 80	
				192				186	
4	89	196	370	5 106 73 33	214	543	515	5 234 195 39	
				225	✓			225 ✓	
B.M. 60-1								225 ✓	B.M. 60-1 (U.S.G.S. R.3.10)
	178487		✓		1078996		✓	450	SAN FERNANDO RD. & ROLFORD ST
					178487		✓		SEE F.B. 2839-9
					900509		✓		

76P526 CE # 306 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
603 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 MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 60-2 TO B.M. 60-3
B.M. 60-2	4343			233			B.M. 60-2 (L.A. CITY 3-J-22)
1	240857	541 5	257 213 54	169 069	470 5	195 142 54	SAN FERNANDO ROAD AND THE W. LINE OF OLDEN ST.
2	68737	369 5	96 40 56 110	247 779	548 5	275 219 56 110	PROD. S'ly. SEE F.B. 2839-10
3	70771	371 5	102 38 64 174	238 072	539 5	271 205 66 176	WILKS
4	76548	377 5	109 43 66 240	203 716	504 5	235 171 64 240	
5	158875	459 5	195 121 74 312	135 732	436 5	171 99 72 312	
6	275244	576 5	307 244 63 372	10 655	311 5	½ 40 10 60 372	
7	270028	571	½ 270 220 88 460	134 043	435	178 90 88 460	
B.M. 60-3	61					461	BM 60-3 (USC&GS 0-53 RESET)
	11 ~~8~~ 054			1139 066		721	SAN FERNANDO RD. 0.3 M E SEPULVEDA BLVD. SEE F.B. 2839-4
	1139 066						
+	~~15 988~~						
	21 988						

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

SURVEY BY R. E. DREILER

NOTES BY SIEMANN

INDEXED G. J. GALLI

DATE 10-25-66

WEATHER HOT

TIME 2:40

NOTES CHKD

DATE NOV 23 '68

INST. NO. 9 6716

ROD NO. 2619

F.B. 2839 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 Pg. 136 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (10-30-66)

INDEXED C. J. GALL DATE

WEATHER HOT

TIME 10:00 TO 10:20 ROD NO. 7412

NOTES CHKD. DATE 23 '68

INST. NO. 96716

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-3 TO B.M. 60-2
B.M. 60-3									B.M. 60-3 (U.S.C. & G.S. O-53 RESET 1946)
1	117	584	418	5	417	94	285 564	586 5	238 94 SAN FERNANDO RD, 0.3 MI. E. OF SEPULVEDA
									SEE F.B. 2839-11
2	9	833	310	5	9	60	270 372	571 5	240 60
						154			154
3	149	108	450	5	107	84	78 215	379 5	36 84 π WILKS
						238			238
4	114	841	415	5	68	82	3 527	304 5	3 82
						330			320
5	282	752	583	5	250	64	32 057	333 5	32 72
						394			372
6	204	251	505	5	171	66	231 008	532 5	198 66
						460			458 ✓
									460 ✓
B.M. 60-2									918 B.M. 60-2 L.A. CITY 3 J 22
	878	369 ✓					900 743 ✓		SAN FERNANDO RD & OLDEN ST
							878 369 ✓		SEE F.B. 2839-10
							~~22 374~~		
							22 374		

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From B.M. 60-2 To B.M. 60-3
B.M. 60-2			RE RUN	253			B.M. 60-2 (CITY L.A. 3-J-22)
1	2 241 891	542 5	282 201 81	~~254~~ 272	554 5	294 212 82	SAN FERNANDO RD & OLDEN ST.
							SEE F.B. 2839-10
2	46 245	347 5	82 10 72	256 622	557 5	291 220 71	
			153			153	
3	54 271	355 5	97 11 86	237 755	538 5	280 193 87	
			239			240	
4	169 414	470 5	210 128 82	117 290	418 5	157 77 80	π WILKS
			321			320	
5	295 620	596 5	½ 295 260 70	3 240	304 5	½ 36 3 64	
			391			384	
6	220 337	521 5	253 187 66	137 205	438 5	174 100 74	
			457			458	
B.M. 60-3						457	B.M. 60-3 (U.S.C.&G.S. 0-53 RESET)
	1027778			~~1005384~~		915	SAN FERNANDO RD. 0.3 M. E OF
	1005384			1005384			SEPULVEDA BLVD.
	+ 22394						SEE F.B. 2837-11

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

SURVEY BY G.E. DREIER WEATHER HOT INST. NO 26716

NOTES BY SIEMANN DATE 10-30-66 TIME 11:00 TO 11:25 ROD NO 9619

INDEXED C. J. CALL DATE NOTES CHKD DATE NOV 23 '68

F.B. 2839 PG. 137

B. 2839 PG. 138 JOB NO. 030102

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. 96716

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 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

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

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO. 96714
NOTES BY GOODWIN DATE 10-26-66 TIME 9:30 TO 9:40 ROD NO. 9614
INDEXED C. J. GALLE DATE NOTES CHKD. DATE NOV 23 1966
F.B. 2839 PG. 139

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-3 TO B.M. 60-4
B.M. 60-3													B.M. 60-3 (USC&GS, 0-53) RESET 1946
1.	211	400	512	5	255/167	88	164	905	465	5	208/120	88	SAN FERNANDO RD. 0.3 MI.
													E. OF SEPULVEDA BLVD.
2.	168	455	469	5	209/127	82	281	908	582	5 1/2	271/240	82	SEE F.B. 2839-11
						170						170	
3.	198	695	499	5	221/176	45	153	191	454	5	175/130	45	
						215						215	
	~~[illegible]~~												
BM 60-4												215	BM 60-4 (L.A. CITY 3-I-20)
	578	550					600	004				430	SAN FERNANDO RD. & GOLDEN STATE FWY.
							578	550					SEE F.B. 2839-12
							21	454					

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

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

Do not extend notes this side of this line.

F.B. 2839 PG. 140 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES GOODWIN (10-31-66)
INDEXED C. J. GALLI DATE
WEATHER CLEAR INST. NO. 26716
TIME 9:40 TO 9:55 ROD NO. 9819
NOTES CHKD. DATE NOV 22

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 60-4 TO B.M. 60-3
B.M. 60-4											B.M. 60-4 (CITY L.A. 3-I-20)
1	235	600	536	5	276/194 82	178	347	479	5	220/136 84	SAN FERNANDO RD. & GOLDEN STATE FRWY.
											SEE F.B. 2839-12
2	179	581	480	5	201/157 44 126	215	405	516	5	236/194 42 126	✓
B.M. 60-3										126	B.M. 60-3 (U.S.C. & G.S. 0-53 RESET)
	415	181	✓			393	752	✓		252	SAN FERNANDO RD. & 0.3 MI. E. OF SEPULVEDA
	393	752	✓								SEE F.B. 2839-11
	+ 21	429	✓								

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 60-4 TO B.M. 60-5
B.M. 60-4									B.M. 60-4 (L.A. CITY 3-I-20)
1.	246	674	547 5	270 / 222 48	26	850	327 5	49/3 46	SAN FERNANDO RD. & GOLDEN STATE FWY.
									SEE F.B. 2839-12
B.M. 60-5									48 BM 60-5 (U.S.C. & G.S. V-898)
	246	674			26	850			94 SAN FERNANDO RD. & GOLDEN
	26	850							STATE FREEWAY
+	219	824							SEE F.B. 2839-12

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

SURVEY BY G. E. DEELER WEATHER CLEAR INST. NO. 96716

NOTES BY GOODWIN DATE 10-26-66 TIME 10:05 TO 10:10 ROD NO. 96619

INDEXED C. J. GALLE DATE NOTES CHKD. DATE NOV 23 '68

F.B. 2839 Pg. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 Pg. 142 JOB NO 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DEELER NOTES GOODWIN (10-31-64)

INDEXED C. J. ONLY DATE

WEATHER CLEAR INST. NO. 96716

TIME 9:25 TO 9:38 ROD NO. 2819

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-5 TO B.M. 60-4
B.M. 60-5									B.M. 60-5 (U.S.C. & G.S. V 898.)
1	31	600	332	5 53/8 45	251	437	552	5 275/227 48	SAN FERNANDO RD. & GOLDEN STATE FRWY.
									SEE F.B. 2839-12
B.M. 60-4								45	B.M. 60-4 (CITY L.A. 3-I-20)
	31	600	✓		251	437	✓	93	SAN FERNANDO RD. E. OF GOLDEN STATE FRWY.
					31	600	✓		SEE F.B. 2839-12
					- 219	837	✓		

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER Prev Clear INST. NO. 9276
NOTES BY Wilks TIME 10:15 - 10:55 ROD NO. 9419
INDEXED C.J. Gaul DATE 10-26-66 NOTES CHKD. DATE NOV 23 '66
F.B. 2839 Pg. 143

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 60-5 To BM 60-6
BM 60-5	3 32			6		3 43	43		198		BM 60-5 (USC&GS V-898)
1	24	024	325 5	42	36	218	154	519 5	238	40	SAN FERNANDO RD. & GOLDEN STATE
		271		205					102		FREEWAY
2	231	~~271~~	532 5	256	51	128	878	429 5	152	50	SEE F.B. 2839-12
				102	87				130	90	
3	134	308	435 5	165	63	161	761	462 5	192	62	
				115	150				127	152	T GOODWIN
4	144	927	445 5	173	58	155	472	456 5	184	57	
				151	209				71	209	
5	182	381	483 5	213	62	102	549	403 5	134	63	
				126	278				150	272	
6	259	232	560 5	193	67	184	232	485 5	119	69	
				133	337				148	341	
7	158	59	459 5	183	50	169	276	470 5	180	42 ✓	
					387 ✓					383 ✓	
BM 60-6										387	BM 60-6
	113 4662 ✓					112 0322 ✓				770	SAN FERNANDO RD. & BALBOA BLVD.
	112 0322 ✓										SEE F.B. 2839-13
+	14340 ✓										

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 144 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.P. NOTES D.W.W. (10-28-66)

INDEXED G. J. GALLI DATE

WEATHER HAZY INST. NO. 96716

TIME 2:30 - 3:00 ROD NO. 2819

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-6 TO BM 60-5
BM 60-6		32			98						139		BM 60-6
1	128	982	429	5	158	60	157	298	458	5	185	57	SAN FERNANDO RD. & BALBOA BLVD.
					136						201		SEE F.B. 2839-13
2	167	265	468	5	199	63	231	784	532	5	261	60	
					42	123					225	117	GOODWIN
3	74	994	375	5	105	63	259	460	560	5	293	68	~~SIEMANN~~
					88	186					92	185	
4	127	828	428	5	166	78	132	565	433	5	172	80	
					126	264					165	265	
5	160	442	461	5	194	68	199	158	500	5	233	68	
					131	332					46	333	
6	162	074	463	5	193	62	77	599	378	5	108	62	
					236	394					14	395	
7	246	000	547	5	256	20	23	588	324	5	32	18	
						414						413	
BM 60-5												414	BM 60-5 (USC&GS V898)
	1067	585					1081	452				827	SAN FERNANDO RD. & GOLDEN STATE
							1067	585					FREEWAY
							~~1013~~	~~867~~					SEE F.B. 2839-12
							13	867					

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
REPUN											FROM BM 60-5 TO BM 60-6
BM 60-5	423	23				322			269		BM 60-5 (USC&GS ✓898)
1	21	625	322 5	310		282	479	583 5	295	26	SAN FERNANDO RD. & GOLDEN STATE
				38					38		FREEWAY
2	72	533	373 5	106	68	75	115	376 5	113	75	SEE F.B. 2839-12
				104	86				172	101	
3	141	385	442 5	178	74	209	788	510 5	246	73	
				139	160					174	↑ GOODWIN
4	238	417	539 5	277	78	60	503	361 5	94	68	
					238				26	245	
5	262	386	563 5	301	78	60	278	362 5	96	72	
				94	314					314	
6	135	702	436 5	176	82	169	407	470 5	210	82	
					398					396	
										398	BM 60-6
BM 60-6										399	SAN FERNANDO RD. & BALBOA BLVD.
	872 048					857 570					SEE F.B. 2839-13
	857 570										
+	14 478										

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

SURVEY BY G.E. DREIER

NOTES BY WILKES DATE 10-31-66 WEATHER HOT INST. NO. 96716

INDEXED G.J. GALLI DATE NOTES CHKD. DATE ROD NO. 9019 DATE 11-23-68

F.B. 2839 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 146 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.L.W. (10-31-62)

INDEXED C. J. GALLI DATE

WEATHER Hot TIME 1:30 - NOTES CHKD. DATE

INST. NO. 96216 ROD NO. 9619 DATE NOV 23 '62

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-6 TO BM 60-5
BM 60-6					104		393				130		BM 60-6
1	128	764	429	5	152	48	155	361	456	5	180	50	SAN FERNANDO BLVD. & BALBOA BLVD.
					160						214		SEE F.B. 2839-13
2	193	478	494	5	226	66	247	093	548	5	280	66	
					17	114					220	116	
3	55	705	356	5	93	76	257	520	558	5	294	74	⊼ GOODWIN
					92	190					94	190	
4	127	523	428	5	162	70	128	788	429	5	163	69	
					126	260					185	269	
5	162	887	463	5	199	73	222	888	523	5	259	74	
					151	333					67	333	
6	183	706	484	5	215	64	99	453	400	5	131	64	
					281	397					34	397	
7	292	760	593	5	292	22	47	668	348	5	59	25	✓
						419	✓					422	✓
												419	
BM 60-5													BM 60-5
	11 44	823	✓				11 58	771	✓			841	SAN FERNANDO RD. & GOLDEN STATE FWY.
							11 44	823	✓				
						-	13	948	✓				SEE F.B. 2839-12

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
RERUN									FROM B.M. 60-5 TO B.M. 60-6
B.M. 60-5					2 3 31				B.M. 60-5 (USCGGS. V-898)
1.	2	376	303 5	½ 23/2 42	293	960	594 5	½ 793/273 40	SAN FERNANDO RD. &
									GOLDEN STATE FRWY.
									SEE F.B. 2839-12
2.	124	297	425 5	463/85 78	81	330	382 5	121/41 80	
				120				120	
3.	88	366	389 5	126/50 76	116	657	417 5	454/79 75	
				196				195	
4.	278	084	579 5	½ 278/238 80	31	571	332 5	½ 71/31 80	T = WILKS
				276				275	
5.	23 3/8	084	534 5	268/198 70	176	560	477 5	211/141 70	
				346				345	
6.	146	618	447 5	168/125 43	158	533	459 5	182/134 48	
				389				393	
	8 72	105 ✓			8 58	621 ✓			389
B.M. 60-6	8 58	621 ✓							782
+	13	484 ✓							
									B.M. 60-6
									SAN FERNANDO RD. & BALBOA BLVD.
									SEE F.B. 2839-13

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER
NOTES BY T. GOODWIN DATE 10-31-66 TIME 2:15 TO 2:40 WEATHER CLEAR INST. NO. 26716
INDEXED C. J. CALLI DATE NOTES CHKD. DATE NOV 23 '68 ROD NO. 9519
F.B. 2839 Pg. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 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. 2839 Pg. 148 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DRIFER NOTES GOODWIN (10-31-66)

INDEXED G. J. DATE

WEATHER CLEAR INST. NO. 86716

TIME 7:45 TO 3:00 ROD NO. 554

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-6 TO B.M. 60-5
B.M. 60-6									B.M. 60-6
1.	151	431	452 5	191/111 80	153	790	454 5	193/112 81	SAN FERNANDO RD. &
									BALBOA BLVD.
2.	57	315	358 5	99/76 82	264	000	565 5	305/222 83	SEE F.B. 2839-13
				162				164	
3.	59	208	360 5	105/72 93	138	841	439 5	185/91 94	
				255				258	
4.	153	910	454 5	205/101 104	151	200	452 5	203/99 100	
				359				362	
5.	285	915	586 5	304/266 38	13	999	314 5	21/13 28	
				397				390	
								397	
B.M. 60-5									B.M. 60-5 (U.S.C.&G.S. V-898)
	707	799			721	830		787	SAN FERNANDO RD. & FRWY
					707	799			SEE F.B. 2839-12
					14	031			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A.E. DREIER
NOTES BY WILKS
INDEXED C.J. GALL
DATE 10-26-66
DATE
WEATHER CLEAR-WARM
TIME 11:15 - 12:05
NOTES CHKD
DATE 10 23 68
INST. NO. 9677
ROD NO. 9677
F.B. 2839
PG. 149

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 60-6 To BM 60-7A
BM 60-6	95	956		264		356	958				BM 60-6
1	281	722	582.5	298	34	16	841	317.5	½ 16 / 34	36	SAN FERNANDO RD. & BALBOA BLVD.
				½ 277							SEE F.B. 2839-13
2	292	342	593.5	292	26	16	109	317.5	½ 16 / 31	30	
				½ 283	60				49	66	
3	296	857	597.5	296	26	61	907	362.5	73	24	π SIEMANN
				275	86				32	90	
4	287	288	588.5	300	25	45	079	346.5	58	26	
				260	111				49	116	
5	271	269	572.5	282	22	61	648	362.5	73	24	
				½ 278	133				42	140	
6	291	073	592.5	291	26	55	819	356.5	68	26	
				½ 284	159				19	166	
7	298	316	599.5	298	28	33	808	334.5	47	38	
				½ 284	187				½ 15	194	
8	296	249	597.5	296	34	15	675	316.5	30	30	
				½ 273	211				162	224	
9	297	042	598.5	297	48	181	951	482.5	200	38	
				116	259	~~338~~	~~068~~		211	262	
10	143	239	444.5	120	54	~~125~~	~~53~~	539.5	363	52	
				106	313				½ 270	314	
11	127	765	428.5	148	42	292	159	593.5	292	44	
				12	355				½ 112	358	
12	25	201	326.5	38	26	112	536	413.5	125	26	
					381					384	
BM 60-7A										381	BM 60-7A (U.S.C.&G.S. C1142)
	2908	313				1131	600			7.5	SAN FERNANDO RD. 0.5 MI. W. OF BALBOA BLVD
	1131	600									SEE F.B. 3719-131
+	1776	763									

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 150 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY G.E.D. NOTES D.L.W. 10-26-66
INDEXED C. J. GALLI DATE
WEATHER Hazy INST. NO. 96711
TIME 1:15 - 2:30 ROD NO. 1819
NOTES CHKD DLW DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-7A TO BM 60-6
BM 60-7A					57						212		BM 60-7A (U.S.C.&G.S. C1142)
1	78	923	379	5	99	42	235	824	536	5	258	46	SAN FERNANDO RD. & 0.5 MI. W. OF BALBOA BLVD.
					33						240		SEE F.B. 3719-131
2	57	153	358	5	81	48	265	575	566	5	290	50	Attain Same by
					26	90					198	96	
3	50	768	351	5	74	48	219	228	520	5	241	43	
					1/2 31	138					1/2 263	139	
4	21	847	322	5	57	22	298	712	599	5	298	70	
					1/2 15	210						209	
	15	544	3		43	60	1/3 3						
	32	32											
					14	230							
1	49	593	350	5	84	70	301	591	602	5	1/2 265 301	72	BM 60-7A
					1/2 18						1/2 247		
2	18	570	319	5	50	64	278	109	579	5	278	62	
					2	134					1/2 249	134	
3	33	607	334	5	64	62	282	810	583	5	282	66	
					28	196					1/2 259	200	
4	28	364	329	5	60	64	292	664	593	5	292	66	
					24	260					255	266	
5	50	035	351	5	76	52	277	749	578	5	299	44	
					11	312					268	310	
6	22	423	323	5	33	22	283	375	584	5	297	29	
					1/2 12	334					260	339	
7	13	021	314	5	30	34	275	858	576	5	292	32	
						368	✓					371 ✓	
												368	BM 60-6
BM 60-6												739	SAN FERNANDO RD. & BALBOA BLVD.
	215	613	✓				1992	156 ✓					SEE F.B. 2839-13
							215	613 ✓					
							1776	543 ✓					

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREEZEN
NOTES BY G. J. GALLI
DATE 10-26-66
WEATHER SUNNY
TIME 1:05 To 1:17
INST. NO. 9676
ROD NO. 9619
INDEXED
DATE
NOTES CHKD.
DATE NOV 23 '68
F.B. 2839 Pg. 151

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-7A TO BM 60-7
BM 60-7A									BM 60-7A (USC&GS C-1142)
									SAN FERNANDO RD. 0.5 M N'WLY
									BALBOA BLVD.
1	148	716	449	5	148	140	409	5	SEE F.B. 3719-131
				157/144 8				152/144 8	
BM 60-7								8	BM 60-7 (BM 1338.725)
	148	716			148	140		16	SAN FERNANDO RD. 0.5 MI N'WLY
	148	100							BALBOA BLVD.
+	000	576							SEE F.B. 2839-14

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 Pg. 152 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOODNIA (10-28-64)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 12:03 TO 12:05 ROD NO. 96719

NOTES CHKD 9/4/75 DATE

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-7 TO B.M. 60-7A
B.M. 60-7									B.M. 60-7 (B.M. 1338.725)
1.	149	390	450 5	153/145 8	149	893	450 5	153/145 8	SAN FERNANDO RD. 0.5 MI. N'WLY BALBOA BLVD.
								8	SEE F.B. 2839-14
B.M. 60-7A	149	390			149	893		16	
					149	390			B.M. 60-7A (USC&GS C-1142)
					000	503			SAN FERNANDO RD. 0.5 MI. N'WLY BALBOA BLVD.
									SEE F.B. 3719-131

76P526 CE # 308 3-65

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 IN K. 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. EDRELER
NOTES BY G. J. GALLI DATE 10-26-66 WEATHER SUNNY INST. NO. 97716
INDEXED DATE TIME 1:45 TO 1:50 ROD NO. 95619
NOTES CHKD. DATE NOV 23 '66
F.B. 2839 PG. 53

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-7 TO BM 60-8
BM 60-7									BM 60-7 (BM 1338.735)
									SAN FERNANDO RD. 0.5 MI NWLY
1.	300 690	601 5	½ 300/270	60	25 428	326 5	½ 55/25	60	BALBOA BLVD.
									SEE F.B. 2839-14
2.	275 253	576 5	½ 275/242	66	46 053	347 5	77/13	66	
				126				126	
3.	290 500	591 5	½ 290/258	64	3 540	304 5	½ 34/9	62	⊼ = WILKS
				190				188	
4.	280 122	581 5	½ 280/249	62	36 066	337 5	½ 67/6	61	
				252				249	
5.	268 790	569 5	300/236	64	16 888	317 5	½ 49/16	66	
				316				315	
6.	283 620	584 5	½ 283/252	62	45 882	346 5	75/12	61	
				378				376	
7.	288 045	589 5	288/257	62	32 107	333 5	63/7	62	
				440				438	
8.	287 634	588 5	½ 287/256	62	43 363	344 5	74/12	62	
				502				500	
9.	286 541	587 5	½ 286/255	62	43 517	344 5	74/11	63	
				564				563	
10.	194 144	495 5	199/189	10	19 772	320 5	23/15	8	
				574 ✓				571 ✓	
BM 60-8								574 ✓	BM 60-8 (U.S.C&G.S. Q-878)
	275 5384 ✓				312 986 ✓			1145 ✓	SAN FERNANDO RD, GOLDEN STATE FRWY
	X 312 986 ✓								AND HWY 14
+	2442 398 ✓								SEE F.B. 2839-15

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WEATHER CLEAR INST. NO. 46716
TIME 11:20 TO 12:00 ROD NO. 46A
NOTES CHKD. DATE NOV 23 '66

JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES GOODWIN (10-25-66)
INDEXED C. J. GALLI DATE

F.B. 2839 PG. 154

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M 60-8 TO B.M. 60-7
B.M. 60-8		53											B.M. 60-8
1.	4	158	305	5	½ 9/4	10	183	646	484	5	½ 188/178	10	SAN FERNANDO RD. over TUNNEL STA. BRIDGE.
2.	37	572	338	5	70/4	66	291	080	592	5	½ 291/259	64	NO. 53-72 (Hwy 14)
						76						74	SEE F.B. 2839-15
3.	35	983	336	5	½ 69/35	68	285	475	586	5	½ 285/257	68	
						144						142	
4.	24	828	327	5	½ 56/22	60	287	060	588	5	½ 287/257	60	↑ = WILKS
						204						202	
5.	19	700	320	5	½ 53/19	68	297	660	598	5	½ 297/262	70	
						272						272	
6.	24	880	325	5	½ 56/24	64	273	555	574	5	305/241	64	
						336						336	
7.	29 ~~289~~	343	330 ~~590~~	5	½ 61/29	64	299	446	600	5	½ 299/267	64	
						400						400	
8.	15	722	316	5	½ 57/15	64	280	533	581	5	½ 280/248	64	
						464						464	
9.	48	342	309	5	81/15	66	298	281	599	5	½ 298/264	68	
						530						532	
10.	69	584	370	5	89/49	40	258	111	589	5	277/239	38	
						570	✓					570 ✓	
												570 ✓	
B.M. 60-7	312	112 ✓					2754	847 ✓				1140 ✓	B.M. 60-7
							312	112 ✓					SAN FERNANDO RD. 0.5 MI. W. of BALBOA BLVD.
							2442	735 ✓					SEE F.B. 2839-14

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 7676
NOTES BY BOB PAULI DATE 10-26-66 TIME 2:00 TO 2:15 ROD NO. 7612
INDEXED DATE NOTES CHKD. DATE NOV 23 '66
F.B. 2839 Pg. 155

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 60-8 To BM 60-9
BM 60-8	2				2				BM 60-8 (USC&GS Q-898)
1.	170	813	471	5	60	366	361	5	SAN FERNANDO RD. & TUNNEL
				200/140 60				91/29 62	STATION BRIDGE No 53-72 (Hwy 14)
2.	277	610	578	5	56	869	357	5	
				1/2 277/246 62				76/22 60	
				122				122	⊼ = WILKS
3.	239	300	540	5	56	772	357	5	
				262/216 46				79/32 46	
				168				168	
4.	149	346	450	5	7	027	308	5	
				151/147 4				10/4 6	
				172				174	
								172	
Bm 60-9								346	B.m. 60-9 (U.S.C&G.S. M-53)
	837	129			181	034			S.P.RR AT S.E. END OF TUNNEL
	181	034							SEE F.B. 2839-16
+	656	095							

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F.B. 2839 Pg. 156 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREICER NOTES GOODWIN (10-28-64)
INDEXED C. J. GALLI DATE
WEATHER CLEAR INST. NO. 96716
TIME 11:00 TO 11:45 ROD NO. 9814
NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 60-9 TO B.M. 60-8
B.M. 60-9											B.M. 60-9 (USC&GS M-53)
1.	5	482	306	5	½ 9/5 8	165	096	466	5	169/161 8	SPRR & TUNNEL NO. 25
											SEE F.B. 2839-16
2.	24	098	325	5	½ 55/24 62	205	760	506	5	276/214 62	
					70					70	
3.	12	774	313	5	½ 47/212 60	230	040	531	5	261/199 62	
					130					132	
4.	49	792	350	5	70/28 42	107	312	408	5	126/88 38	
					172					170	
B.M. 60-8										172	B.M. 60-8 U.S.C.&G.S. Q 898)
	92	146	✓			748	208	✓		342	SAN FER. RD., FRWY, & HWY. 14
						92	146	✓			SEE F.B. 2839-15
						656	062	✓			

76P526 CE # 306 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER SUNNY INST. NO. 9816
NOTES BY C. J. GRU DATE 10-26-66 TIME 2:15 TO 3:00 ROD NO. 9819
INDEXED DATE NOTES CHKD. DATE NOV 23 '68
F.B. 2839 Pg. 157

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-9 TO BM 60-10
BM 60-9	86	166			193	45			BM 60-9 (USC&GS M-53)
									SPRR & TUNNEL No. 25
1.	295	624	596 5	302/298 14	3	803	304 5	½ 8/3 10	SEE F.B. 2839-1L
2.	285	080	586 5	287/284 3	12	010	313 5	14/10 4	
				17					
3.	293	874	594 5	301/286 15	27	018	328 5	35/18 17	π = WILKS
				32				14	
4.	252	869	553 5	263/240 23	30 / 29	007	331 5	43/17 26	
				55				31	
5.	266	933	567 5	289/244 45	7	098	308 5	28/7 22	
				100				57	
6.	286	047	587 5	296/275 21	11	094	312 5	21/2 19	
				121				99	
7.	299	242	600 5	½ 299/297 24	9 / 10	977	310 5	½ 21/10 22	
				145				118	
8.	299	268	600 5	½ 299/287 26	7	373	308 5	½ 19/7 22	
				169				140	
9.	298	818	599 5	½ 298/286 26	9	208	310 5	½ 22/9 26	
				195				164	
10.	301	674	602 5	½ 301/288 26	6	320	307 5	½ 19/6 26	
				219				190	
11.	300	634	601 5	½ 300/289 22	10	487	311 5	½ 22/10 24	
				241				214	
12.	220	999	521 5	225/215 10	111	237	412 5	115/107 8	
				251				222	
BM 60-10				2151				251	BM 60-10
	3401	430			245	592		999	FRONTAGE RD. 43 mi. W. of Hwy. 14
									SEE F.B. 3917-137

TOTAL B.S. 3401.430
" F.S. 245.592
DIFF. + 3164.843
~~3165.743~~

+ 3401.430
− 245.592
+ 3165.838

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WEATHER CLEAR TIME 10:00 TO 10:45 NOTES CHKD X DATE NOV 23 '66 ROD NO. 3619 INST. NO. 96716

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET SURVEY BY DREYER NOTES GOODWIN 10-28-66 INDEXED C. J. GALLI DATE

Pg. 158 2839

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-10 TO BM 60-9
BM 60-10	66	78					1 594	64					BM 60-10 (STATE BM 1-F-40)
1.	24	389	325	5	35/13	22	300	463	601	5	1/2 301/289	24	~~Hwy. 99~~
2.	23	281	324	5	34/12	22 / 44	298	217	599	5	1/2 298/287	22 / 46	FRONTAGE RD. 0.3 MI N. INT. Hwy. 99 & Hwy 6
3.	25	878	326	5	37/13	24 / 68	300	020	601	5	1/2 300/288	24 / 70	SEE F.B. 3719-
4.	19	588	320	5	31/7	24 / 92	295	291	596	5	1/2 295/283	24 / 94	⊼ WILKS
5.	15	247	316	5	3/27	24 / 116	301	093	602	5	1/2 289/301	24 / 118	
6.	15	768	316	5	28/3	25 / 141	292	795	593	5	1/2 292/279	26 / 144	
7.	17	162	318	5	23/12	11 / 152	241	797	542	5	246/236	10 / 154	
8.	20	999	321	5	1/2 43/20	46 / 198	294	276	595	5	1/2 264/271	46 / 200	
9.	3	748	304	5	1/2 16/3	26 / 224	294	311	595	5	1/2 294/282	24 / 224	
10.	100	237	401	5	103/97	6 / 230	257	344	558	5	260/254	6 / 230	
11.	28	728	329	5	30/26	4 / 234	298	544	599	5	300/297	3 / 233	
12.	9	948	310	5	19/5	10 / 244	286	600	587	5	293/279	14 / 247	✓
		304	973	✓			3460	751	✓			244	✓
BM 60-9							304	973	✓			491	✓ BM 60-9 (U.S.C.&G.S. M 53)
							3155	778	✓				S.P. RR AT S.E. END OF TUNNEL
													SEE F.B. 2839-16

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.R. DEELER
NOTES BY WILKS
INDEXED C.J. GALLI
DATE 10-27-66
DATE
WEATHER CLEAR
TIME 9:15 - 9:50
NOTES CHKD
INST. NO. 9611
ROD NO. 9619
DATE NOV 23 '66
F.B. 2839 PG. 159

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From BM 60-10 To BM 60-11
BM 60-10	321	3		225		4	12		½ 7		BM 60-10 (STATE BM 1-F-40)
1	240	150	541 5	256	31	7	802	308 5	20	26	FRONTAGE RD. 0.3 M N. INT. HWY
				½ 288							99 & HWY 6
2	297	121	598 5	297	18	5	910	306 5	½ 5 17	24	SEE F.B. 2839-17 & F.B. 3719-137
				285	49				18	50	
3	290	309	591 5	300	20	29	939	330 5	39	21	
				½ 290	69					71	
4	301	250	602 5	301	32	6	772	307 5	½ 6 18	34	
				½ 287	91				½ 7	95	
5	299	418	600 5	299	24	7	132	308 5	17	20	
				197	115				63	115	
6	213	402	514 5	229	32	78	807	379 5	93	30	
					147					145	
BM 60-11										147	BM 60-11 (STATE BM 2-F-40)
	1642	150 ✓				13	362 ✓			292	HWY. 99 137' W'LY STA. 37+20
	136	362 ✓									SEE F.B. 3719-139
+	1505	788 ✓									

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F.B. 2839 Pg. 160 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES WILKS (10-28-66)

INDEXED [illegible] DATE

WEATHER HAZY INST. NO. 76716

TIME 9:25-9:50 ROD NO. 9819

NOTES CHKD [illegible] DATE NOV 2 1966

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-11 TO BM 60-10
BM 60-11					45						½ 272		BM 60-11 STATE BM (3-F-40)
1	64	450	365	5	83	38	290	539	591	5	290	36	Hwy. 99 137' W'ly STA. 37+20
					½ 7						½ 279		SEE F.B. 3719-139
2	7	580	308	5	19	24	291	808	592	5	291	24	
						62					279	60	
3	5	607	306	5	½ 5	24	291	604	592	5	304	25	
						86					½ 286	85	
4	4	842	305	5	½ 4	24	298	900	599	5	298	24	
						110					283	109	
5	4	577	305	5	½ 4	24	293	320	594	5	303	20	
					76	134					200	129	
6	81	040	382	5	86	10	207	681	508	5	214	14	
						144						143	
BM 60-10												144	BM 60-10 (STATE BM (1-F-40)
	168	096					1673	852				287	FRONTAGE RD. 0.3 MI. N INT.
							168	096					Hwy. 99 & Hwy. 6
							1505	756					SEE F.B. 2839-17 & 3719-137

76P526 CE # 305 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DRZIER
NOTES BY WILKES
INDEXED C. J. CALL
DATE 10-27-66
DATE
WEATHER CLEAR
TIME 9:50 - 10:25
NOTES CHKD
INST. NO. 36714
ROD NO. 1414
DATE NOV 23 '68
F.B. 2839 Pg. 161

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 60-11 TO BM 60-12
BM 60-11	323				281		12	32			4		BM 60-11 STATE BM (2-F-40)
1	290	892	591	5	300	19	12	329	313	5	20	16	Hwy 99 137' W'ly STATION 37+20
					258						½ 9		SEE F.B. 2839-19 & F.B. 3719-139
2	272	971	573	5	286	28	9	392	310	5	22	26	
					½ 287	47						42	
3	298	065	599	5	298	22	3	792	304	5	½ 3 / 16	26	
					256	69						68	
4	268	046	569	5	280	24	10	728	311	5	½ 10 / 22	24	
						93						92	
5	293	735	594	5	½ 381 / 293	24	17	190	318	5	5 / 29	24	
						117						116	
6	295	785	596	5	½ 384 / 295	22	91	251	392	5	78 / 104	24	
						139						142	
BM 60-12												139	BM 60-12 (STATE BM 3-F-90)
	1719	494					144	682				281	Hwy. 99 85' W'ly. STA. 44+95
	144	682											SEE F.B. 3719-148
+	1574	812											

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F.B. 2839 PG. 162 JOB NO. 030102
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY G.E.P. NOTES D.W.M. 10-27-66
INDEXED C.J. DATE
WEATHER HAZY INST. NO. 96716
TIME 3:25 TO 3:00 ROD NO. 7412
NOTES CHKD. DATE NOV 23 '66

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 60-12 To BM 60-11
BM 60-12													BM 60-12 (STATE BM 3-F-40)
1	18	714	319	5	1/2 18 / 30	24	293	831	594	5	1/2 282 / 293	22	Hwy. 99 85' W'ly STA. 44+95
													SEE F.B. 3719-141
2	13	619	314	5	1 / 25	24 / 48	296	599	597	5	1/2 284 / 296	24 / 46	
3	18	610	319	5	5 / 31	26 / 74	297	120	598	5	1/2 284 / 297	26	
4	8	521	309	5	1/2 8 / 30	24 / 98	277	530	578	5	263 / 291	72 / 28 / 100	
5	60	932	361	5	51 / 69	18 / 116	268	378	569	5	259 / 277	18 / 118	
6	16	765	317	5	10 / 22	12 / 128	278	431	579	5	269 / 287	18 / 136 / 128 / 264	
BM 60-11													BM 60-11 (STATE BM 2-F-40)
	137	161					1711	889					Hwy. 99 137' W'ly STA. 37+20
							137	161					SEE F.B. 3719-139
						+	1574	728					

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 60-12 TO BM 60-13
BM 60-12	43	31		92					1/3 13		BM 60-12 (STATE BM 3-E-40)
1	105	540	406	5 118	26	13	540	314	5 26	26	Hwy. 99 85' w'ly STA. 44+95
				275					20		SEE F.B. ~~2839-14~~ 3719-~~14~~
2	285	171	586	5 295	20	40	778	341	5 60	20	
				1/2 287	46				2	46	
3	299	420	600	5 299	24	14	000	315	5 26	24	
				1/2 284	70				12	70	
4	299	178	600	5 299	31	25	120	326	5 37	25	
				1/2 285	94				29	95	
5	295	050	596	5 295	30	41	966	342	5 52	23	
				1/2 283	116	69		370	58	118	
6	294	559	595	5 294	32	~~68~~	020	~~369~~	5 80	32	
					138					140	
BM 60-13										138	BM 60-13 (STATE BM 53-E-59)
	1578	918				204	424			278	Hwy. 99 & STA. 53+45.3
	204	424									SEE F.B. 3719-143
+	1374	494									

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

SURVEY BY S. F. DEERE

NOTES BY WILKES

INDEXED C. J. GALLI

DATE 10-27-66 WEATHER CLEAR INST. NO. 96714

DATE TIME 10:25 - 10:50 ROD NO. 9419

NOTES CHKD. DATE NOV 23 '68

F.B. 2839 Pg. 163

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9819 DATE NOV 23 66

WEATHER Hazy TIME 1:55-2:15 NOTES CHKD

S.B. 2839 Pg. 164 SURVEY OF L.A. Co. Precise Level Net SURVEY BY G.E.D. NOTES Dlvd 10-27-66 INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 60-13 TO BM 60-12
BM 60-13	22	2		58	424	33		1/3 378	BM 60-13 (STATE BM 53-F-59)
1	70	015	371 5	82 24	291	888	592 5	291 2L	Hwy 99 & STA. 53+45.3 B.C.
				2				277	SEE F.B. 3719-143
2	14	482	315 5	26 24	288	819	589 5	300 23	
				-1 48				1/3 389 49	
3	11	709	312 5	23 22	301	999	602 5	301 24	
				4 70				1/3 380 73	
4	16	006	317 5	28 24	292	442	593 5	292 24	
				10 94		195		268 97	
5	21	663	322 5	32 22	277		578 5	286 18	
				18 116				72 115	
6	29	938	330 5	41 23	85	900	386 5	97 28	
				139				140	
								139	
BM 60-12									BM 60-12 (STATE BM 3-F-40)
	163	813			1538	243		279	Hwy. 99 85' W'ly STA. 44+95
					163	813			SEE F.B. 3719-141
					1374	430			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER HOT INST. NO. 96716

NOTES BY SIEMANN TIME 10:55TO' ROD NO. 9612

INDEXED G.J. GALL DATE 10-27-66 DATE NOV 23 '68

DATE NOTES CHKD. DATE

F.B. 2839 Pg. 165

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-13 TO BM 60-14
BM 60-13									BM 60-13 (STATE BM 53-F-59)
1	294	856	595 5	302 285 17	11	693	312 5	22 0 22	Hwy. 99 ℄ STA. 53+45.3 B.C.
									SEE F.B. 2839-19 & 3719-143
2	297	944	598 5	½ 277 285 24 41	11	913	312 5	21 1 20 42	
3	297	020	598 5	½ 277 285 24 65	4	522	305 5	½ 13 4 26 68	
4	301	855	602 5	½ 301 289 24 89	3	615	304 5	½ 16 3 26 94	
5	300	100	601 5	½ 300 287 26 115	8	546	309 5	½ 20 8 24 118	
6	201	427	502 5	205 197 8 123	167	123	468 5	170 164 6 124	
B.M. 60-14								123	B.M. 60-14 STATE B.M. (61-F-59)
	1693202				207412			247	HWY. 99 ℄ STA. 61+53.51 B.C.
	207412								SEE F.B. 2839.19 & 3719-145
+	1485790								

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 166 JOB NO. 0301.02

SURVEY OF L.A. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (10-27-66)

INDEXED C. J. GALLI DATE

WEATHER SMOGGY INST. NO. 97616

TIME 1:35 TO ROD NO. 7E/12

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-14 TO B.M. 60-13
B.M. 60-14	~~40~~								B.M. 60-14 (STATE B.M. 61-F-59)
1	40	33 933	341 5	54 26 28	300	300	601 5	309 ½287 26	GOLDEN STATE Hwy 99 AT STA. 61+53.51 B.C.
									SEE F.B. 3719-145
2	9	515	310 5	½ 21 9 24	300	330	601 5	300 ½288 24	
				52				50	
3	13	296	314 5	25 1 24	296	388	597 5	296 ½284 24	
				76				74	
4	8	545	309 5	½ 20 8 24	298	345	599 5	298 ½286 24	
				100				98	
5	8	683	309 5	½ 20 8 24	293	700	594 5	305 281 24	
				124				122	
6	3 172	348	474 5	175 171 4			5		
				128	251	126	552	254 248 6	
								128	B.M. 60-13
B.M. 60-13								256	Hwy 99 AT STA. 53+45.30 B.C.
	254	320			1740	189			SEE F.B. 3719-143
					254	320			
					1485	869			

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER Clear INST. NO. 56716
NOTES BY SIEMANN DATE 10-27-66 TIME 11:15 TO ROD NO. 8619
INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 23 '66
F.B. 2839 PG. 167

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-14 TO BM 60-15
BM 60-14									BM 60-14 STATE BM (61-F-59)
1	289	406	590 5	298 281 17	8	098	309 5	½ 19 8 22	Hwy. 99 ℄ STA. 61+53.51 B.C.
									SEE F.B. 2839-19 & 3719-145
2	301	093	602 5	½ 301 287 24 41	12	652	313 5	24 8 24 46	
3	297	533	598 5	½ 297 285 24 65	24	282	325 5	35 13 22 68	
4	299	313	600 5	½ 299 285 28 93	21	590	322 5	34 7 27 95	
5	296	182	597 5	½ 296 276 40 133	45	560	346 5	64 26 38 133	
6	205	673	506 5	234 176 58 191	223	609	524 5	252 194 58 191	
7	337	74	334 5	51 14 37 228	298	317	599 5	½ 298 279 38 229	
8	121	040	422 5	124 118 6 234	224	898	525 5	229 221 6 235	
B.M. 60-15								234	B.M. 60-15 (STATE B.M. 7-F-52)
	1844	234			859	006		469	Hwy. 99 AT STA. 76+74.80
	859	006							SEE F.B. 3719-147
+	985	270							
		228							

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 IN INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2839 Pg. 168 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES SIEMANN (10-27-66)

INDEXED C. J. GALLI DATE

WEATHER SMOGGY INST. NO. 27612

TIME 1:10 to 1:30 ROD NO. 9819

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 60-15 TO B.M. 60-14
B.M. 60-15											B.M. 60-15 (STATE B.M. 7-F-52)
1	300	555	601	5	300 ½ 287 26	29 093	330	5		43 13 28	HWY. 99 & CONST. STA. 76+74.80
											SEE F.B. 2839-19 & F.B. 3719-147
2	286	367	587	5	286 ½ 256 60	133 522	434	5		163 103 60	
					86					88	
3	32	515	333	5	62 2 60	290 086	591	5		290 ½ 265 50	
					146					138	
4	29	573	330	5	40 17 23	299 557	600	5		299 ½ 288 30	
					169					168	
5	23	272	324	5	33 13 20	298 818	599	5		298 ½ 286 24	
					189					192	
6	14	482	315	5	25 4 21	292 307	593	5		302 280 22	
					210					214	
7	9	933	310	5	½ 21 9 24	277 117	578	5		287 267 20	
					234					234	
8	171	758	472	5	173 169 4	233 115	534			235 231 4	
					238					238	
										238	
B.M. 60-14											B.M. 60-14 (STATE B.M. 61-F-59
	868	455				1853 615				476	Hwy 99 & STA. 61+53.51 B.C.
						868 455					SEE F.B. 3719-145
						985 160					

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY S. LIEMANN
INDEXED C. J. GALL
DATE ~~11-21-66~~
DATE
WEATHER ~~SUNNY~~ HOT
TIME 10:10 TO
NOTES CHKD.
INST. NO. 96716
ROD NO. 9 & 19
DATE NOV 23 '68
F.B. 2839 PG. 169

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 60-15 TO BM 60-18A
BM 60-15									BM 60-15 (STATE BM 7-F-52)
1	49865	350 5	½	65 49 32	298395	599 5	½	298 285 26	Hwy 39 ℄ & CONSTRUCTION STA. 76+74.80
									SEE F.B. 2839-19 & F.B. 3719-147
2	29064	330 5		37 19 20	295395	596 5	½	275 283 24	
				52				50	
3	8666	309 5	½	19 8 22	300703	601 5	½	300 288 24	
				74				74	
4	21396	322 5		33 9 24	300380	601 5	½	300 288 24	
				98				98	
5	5757	306 5	½	17 5 24	301681	602 5	½	301 271 20	
				122				118	
6	12714	313 5		22 2 20	293707	594 5		302 283 19	
				142				137	
7	153648	454 5		165 140 25	297802	598 5	½	297 283 28	
				167				165	
8	21758	322 5		32 9 23	297400	598 5	½	297 285 24	
				190				187	
9	8010	309 5	½	20 8 24	291032	592 5		303 279 24	
				214				213	
10	9595	310 5	½	21 9 24	299634	600 5	½	297 287 24	
				238				237	
11	63230	364 5		71 55 16	52000	353 5		61 44 17	
				254				254	
B.M. 60-18A								254	B.M. 60-18A
	384703 ✓				3028129 ✓			508	Hwy 99, 1.5 MI. N.W. OF Hwy 18, IN N.W.
					384703 ✓				END OF 6 FT HIGH RETAINING WALL
					2644426 ✓				SEE F.B. 3719-149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 Pg. 170 JOB NO. 030102

SURVEY OF L.A.C. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (11-03-66)

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 26716

TIME 2:45 TO ROD NO. 7817

NOTES CHKD NZ DATE NOV 23 66

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 60-18A TO B.M. 60-15
B.M. 60-18A											B.M. 60-18A
1	111	737	412	5	124 98 26	5	165	306	5	18 ½ 5 26	Hwy 99, 1.5 mi. N.W. of Hwy 14 AT
											N.W. END OF RETAINING WALL
2	300	310	601	5	300 ½ 289 22	31	640	332	5	42 20 22	SEE F.B. 3719-149
					48					48	
3	298	144	599	5	298 ½ 285 26	5	500	306	5	16 ½ 5 22	
					74					70	
4	276	518	577	5	285 265 20	13	754	314	5	25 0 25	
					94					95	T = Wilks
5	291	202	592	5	303 279 24	25	777	326	5	37 13 24	
					118					119	
6	296	575	597	5	296 ½ 283 26	10	993	311	5	23 ½ 10 26	T.P. PK & TIN
					144					145	
7	288	266	589	5	297 277 22	25	628	326	5	36 14 22	
					166					167	
8	301	927	602	5	301 ½ 287 28	4	124	305	5	16 ½ 4 24	
					194					191	
9	301	364	602	5	301 ½ 288 26	4	761	305	5	26 ½ 4 24	
					220					215	
10	288	871	589	5	299 277 22	7	558	308	5	20 ½ 7 26	
					242					241	
11	213	800	514	5	219 207 12	189	077	490	5	195 183 12	
					254					253	
										254	B.M. 60-15
B.M. 60-15											
	2968	714				323	977			507	Hwy 99 AT ℄ CONST. STA 76+74.80
	323	977									SEE F.B. 3719-147
+	2644	737									

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.B. DREIER WEATHER Cloudy INST. NO. 26716
NOTES BY SIEMANN DATE 11-04-66 TIME 9:40 To ROD NO. 2619
INDEXED C.J. GALLI DATE NOTES CHKD DATE NOV 23 '66
F.B. 2839 PG. 47

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-15 TO B.M. 60-18A
B.M. 60-15							B.M. 60-15 (STATE B.M. 7 F 52)
1	81 356	382 5	93 69 24	291 944	592 5	304 278 26	Hwy 99 AT ℄ CONST. STA. 76+74.80
							SEE F.B. 3719-147
2	11 610	312 5	½ 23 11 24	300 451	601 5	½ 300 288 24	
			48			50	↑ WILKS
3	10 585	31 1/2 5	½ 22 10 24	292 574	593 5	304 280 24	
			72			74	
4	10 683	311 5	½ 23 10 26	301 261	602 5	½ 301 287 28	
			98			102	
5	12 711	313 5	23 0 23	297 955	598 5	½ 297 285 24	
			121			126	
6	18 678	319 5	38 5 26 24	300 737	601 5	½ 300 288 24	
			147			150	
7	5 224	306 5	½ 19 3 28	299 101	600 5	½ 299 287 24	
			175			174	
8	18 122	319 5	29 6 23	300 424	601 5	½ 300 288 24	
			198			198	
9	4 210	305 5	½ 17 4 26	300 903	601 5	½ 300 288 24	
			224			222	
10	2 546	303 5	½ 15 2 26	134 958	435 5	149 119 30	
			250 ✓			252 ✓	
B.M. 60-18A						250	B.M. 60-18A
	175 725			282 0308 ✓			Hwy 99, 1.5 MI. N.W. OF Hwy 14 IN
				175 725 ✓		502	N.W. END OF 6 FT. HIGH RETAINING WALL
				2644583 ✓			SEE F.B. 3719-149

F.B. 2839 PG. 172 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 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

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-18A TO B.M. 60-21
B.M. 60-18A									B.M. 60-18A
1	51	962	352 5	60 43 17	230	175	531 5	239 222 17	Hwy 99, 1.5 mi. N.W. of Hwy 14 in
									N.W. END OF RETAINING WALL
2	47	552	348 5	59 36 23	279	630	580 5	291 267 24	SEE F.B. 3719-149
				40				41	
3	2	630	303 5	½ 20 2 36			5		π WILKS
				76					
X									
1	33	812	334 5	39 27 12	212	833	513 5	218 206 12	
2	13	734	314 5	½ 27 13 28	293	312	594 5	½ 293 279 28	
				40				40	
3	22	509	323 5	38 6 32	300	357	601 5	½ 300 284 32	
				72				72	
4	11	744	312 5	½ 26 11 30	294	209	595 5	½ 294 279 30	
5	24	302	325 5	40 9 102	299	188	600 5	½ 299 284 30	
				132				132	
6	5	111	306 5	½ 20 5 30	299	350	600 5	½ 299 285 28	
7	7	312	308 5	½ 21 7 163	298	242	599 5	½ 298 287 160	
				28 191				30 190	
8	29	326	330 5	44 14 30	299	730	600 5	½ 299 284 30	
				221				220	
9	28	382	329 5	45 11 34	299	935	600 5	½ 299 280 38	
				255				258	
10	33	122	334 5	45 21 24	260	022	561 5	271 250 21	
				279				279	
~~B.M. 60-21~~	20	935	✓		288	178	✓		✓
					209	354	✓	279	✓
					264	824	✓	558	B.M. 60-21 (STATE B.M. 13F52)
									Hwy 99 AT & COUST. ST. 110+30.98
									SEE F.B. 3719-151

SURVEY OF L.A. CO. PRECISE LEVEL NET

NOTES BY [redacted] WEATHER WINDY INST. NO. [redacted]
INDEXED G. J. GALLI DATE 11-01-66 TIME 10:40 TO 11:35 ROD NO. [redacted]
DATE NOTES CHKD DATE NOV 23 '66

F.B. 2839 PG. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN (11-01-66)

INDEXED G. A. GALLI DATE

WEATHER Windy INST. NO. 96716

TIME 11:25 TO 12:00 ROD NO. 7 & 19

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-21 TO B.M. 60-18A
B.M. 60-21									B.M. 60-21 (STATE B.M. 13-F-52)
1	858 288	54 688	589 5	301 274 27	4 8	54 696	309 5	½ 22 8 28	Hwy 99, 1. MI. N.W. OF Hwy 14
									SEE F.B. 3719-151
2	292	508	593 5	½ 292 275 34	32	176	333 5	49 15 34	
				61				62	
3	298	444	599 5	½ 298 281 34	7	118	308 5	½ 25 7 36	
				95				98	
4	299	569	600 5	½ 299 286 26	18	504	319 5	31 5 26	
				121				124	
5	299	680	600 5	½ 299 285 28	6	580	307 5	½ 20 6 28	
				149				152	
6	297	293	598 5	½ 297 283 28	18	192	319 5	32 4 28	
				177				180	
7	266	152	567 5	281 251 30	4	144	305 5	½ 18 4 28	
				207				208	
8	272	063	573 5	287 258 29	32	533	333 5	47 17 30	
				236				238	
9	284	061	585 5	298 270 28	6	637	307 5	½ 20 6 28	
				264				266	
10	210	544	511 5	217 204 13	26	569	327 5	31 20 11	
				277				277	
B.M. 60-18A	90							277	B.M. 60-18A
	2808	02			161	149		554	Hwy 99, 1.5 MI. N.W. OF Hwy. 14
	161	149							IN N.W. END RETAINING WALL
	2647	853							SEE F.B. 3719-149

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	BACKSIGHT LEFT	STADIA		FORESIGHT RIGHT	MIC.	FORESIGHT LEFT	STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 60-21 TO B.M. 60-22
B.M. 60-21				22					1/2 259		B.M. 60-21 (STATE B.M. 13-F-52)
1	50	208	351 5	38	56	284	869	585 5	284	50	Hwy 99, AT ℄ STA. 110+30.98 MPC.
				16		~~368~~	~~570~~	~~569 5~~	256		SEE F.B. 3719-151
2	25	340	326 5	34	18	~~300~~	~~350~~	~~601 5~~	280	34	
				11	74				1/2 281	74	
3	27	450	328 5	43	32	297	148	598 5	297	32	
				41	106				1/2 287	106	
4	50	066	351 5	59	18	296	880	597 5	296	18	
					124 ✓					134 ✓	
										134 ✓	BM 60-22
BM 60-22											E.C.
	153	064 ✓				1147	467 ✓			248	Hwy 99 @ ℄ CONSTRUCTION STA. 117+59.34
						153	064 ✓				SEE F.B. 3719-153
						994	403 ✓				

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

SURVEY BY G. E. DREIER WEATHER HOT INST. NO. 26216

NOTES BY WILKS DATE 11-1-66 TIME 1:20 - 1:40 ROD NO. 7617

INDEXED C. J. GALLI DATE NOTES CHKD. DATE NOV 23 '66

F.B. 2839 Pg. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 76716 ROD NO. 9819 DATE NOV 23 '76

WEATHER Hazy TIME 2:10 NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-22 TO B.M. 60-21
B.M. 60-22					½ 298						34		B.M. 60-22 (STATE Hwy BM 14-F-52)
1	300	298	601	5	300	24	46	972	347	5	58	24	Hwy 99 AT ℄ STA. 117+59.34 E.C.
					247						28		SEE F.B. 3719-153
2	259	150	560	5	271	24	40	577	341	5	52	24	
					274	48					34	48	
3	289	823	590	5	305	31	39	051	340	5	54	30	
					259	79					49	78	
4	270	563	571	5	282	23	61	885	362	5	72	23	
					214	102					150	101	
5	219	579	520	5	224	10	156	480	457	5	161	11	
						112						112 ✓	
BM 60-21												112	BM 60-21 (STATE BM 13-F-52)
	1339	413	✓				344	965	✓			224	Hwy. 99 ℄ STA. 110+30.98 MPC
	344	965	✓										SEE F.B. 3719-151
+	994	448	✓										

F.B. 2839 Pg. 176 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKES (11-3-65)

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER WEATHER HOT

NOTES BY W. KES. G. J. GALLI DATE 11-1-66 TIME 1:40 - 1:50 INST. NO. 96716

INDEXED DATE NOTES CHKD DATE NOV 23 '66 ROD NO. 2818

F.B. 2839 Pg. 177

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M.60-22 TO B.M.60-23
B.M. 60-22				74				4 277	B.M. 60-22 STATE B.M. 14-F-52)
1	92	956	393 5	110 36	294	899	595 5	294 34	Hwy 99 AT ℄ CONST. STA. 117+59.34 E.C
				35				198	SEE F.B. 3719-153
2	33	488	334 5	41 16	206	531	507 5	314 16	✓
				52				50	
~~3~~									✓
BM 60-23								52	BM 60-~~3~~23 (STATE BM 15-F-52)
	126444	✓			501 430	✓		102	Hwy 99 @ ℄ CONSTRUCTION STA. 120+38.45 B.C.
					126 444	✓			SEE F.B. 3719-155
					374 986	✓			

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 2819 DATE NOV 23 '66

WEATHER Hazy TIME 2:00 - 2:10 NOTES CHKD

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia		FORESIGHT Right	Mic.	Left	Mic.	Stadia		DESCRIPTION AND REMARKS
													From B.M. 60-23 To B.M. 60-22
B.M. 60-23					½ 287						27		B.M. 60-23 (STATE BM. 15-F-52)
1	300	992	601	5	300	26	40	821	341	5	54	27	Hwy. 99 AT ℄ CONST. STA 120+38.45 B.C.
					228						113		SEE F.B. 3719-155
2	237	180	538	5	246	18	122	295	423	5	131	18	
						44						45	
												44	BM 60-22 (STATE BM 14-F-52)
	538	172					163	116				89	Hwy 99 ℄ ℄ CONSTRUCTION STA. 117+59.34 E.C.
	163	116											SEE F.B. 3719-153
+	375	056											

F.B. 2839 PG. 178 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DRIER NOTES Wilkes (11-3-66)

INDEXED C. J. GALLI DATE

78P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY WILKS
INDEXED C. J. GALLI
DATE 11-1-66
DATE
WEATHER Hot
TIME 1:50 - 2:35
NOTES CHKD
DATE NOV 2-68
INST. NO. 86716
ROD NO. 9219
F.B. 2839 PG. 179

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-23 TO 60-25A
B.M. 60-23	5 445		1½ 60 / 74 28	7 55 62		1½ 283 / 297 28	B.M. 60-23 (STATE B.M. 15-F-52)
1	60 721	361 5	7 / 37 30	297 280	598 5	1½ 283 / 298 30	Hwy 99 AT & CONST. STA. 120+38.45 B.C.
2	22 115	323 5	1½ 9 / 26 34	298 350	599 5	1½ 280 / 297 34	SEE F.B. 3719-155
3	9 159	310 5	30 / 60 30	297 482	598 5	344 / 374 30	
4	48 029	346 5	1½ 5 / 28 46	259 067	560 5	1½ 276 / 296 40	
5	5 983	306 5	1½ 14 / 31 34	296 351	597 5	1½ 284 / 301 34	
6	14 889	315 5	10 / 40 30	301 460	602 5	1½ 282 / 298 32	
7	25 868	326 5	11 / 41 30	298 647	599 5	1½ 283 / 300 34	
8	26 320	327 5	1½ 13 / 28 30	300 900	601 5	1½ 279 / 293 28	
9	13 070	314 5	28 / 60 32	293 815	594 5	365 / 287 32	
10	44 219	345 5	21 / 63 32	271 584	572 5	164 / 198 34	
11	47 612	348 5		181 190	482 5		
BM 60-25A							BM 60-25A
	314 985			3096 126			Hwy. 99 & GOLDEN STATE FWY.
				314 985			SEE F.B. 3719-157
				2781 141			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 PG. 180 JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES D. Wild (11-3-63)

INDEXED C.J. BALL DATE

WEATHER Clear INST. NO. 96216

TIME 1:05 - 2:00 ROD NO. 2819

NOTES CHKD. DATE NOV 23 '66

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 60-25A TO B.M. 60-23
B.M. 60-25A	843	44			320		2 45	42			½ 8		B.M. 60-25A
1	245	230	546	5	270	50	8	218	309	5	32	48	Hwy 99 & FRWY UNDERPASS
					½ 378						½ 29		SEE F.B. 3719-157
2	300	510	601	5	300	44	9	682	310	5	30	42	
					½ 282	94					7	90	
3	295	873	596	5	295	26	22	804	323	5	37	30	
					½ 278	120					18	120	
4	292	788	593	5	307	29	32	772	333	5	46	28	
					276	149					12	148	
5	290	333	591	5	305	29	27	027	328	5	42	30	
					½ 280	178					25	178	
6	294	648	595	5	294	28	40	771	341	5	55	30	
					½ 273	206					½ 13	208	
7	29~~8~~ 3	067	594	5	298	40	13	220	314	5	33	40	
					254	246					6	248	
8	27~~0~~ 1	234	572	5	288	34	21	570	322	5	36	30	
					½ 286	280					17	278	
9	299	062	600	5	299	26	31	312	332	5	45	28	
					½ 273	306					½ 2	306	
10	290	011	591	5	290	34	2	140	303	5	16	22	
					362	340					143	338	
11	278	009	579	5	394	32	159	912	460	5	175	32	
						372						370	
BM 60-23												372	BM 60-23 (STATE BM 15-F-52)
	3850	765					369	428				742	Hwy 99 AT ℄ CONST. STA. 120+38.45 B.C.
	369	428											
	3481	337											

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY L.A.C. PRECISE LEVELING PARTY DREIER
NOTES BY SIEMANN DATE 11-01-66 TIME 2:45 TO WEATHER Windy INST. NO. 26726
INDEXED C. J. GALLI DATE NOTES CHKD. DATE NOV 23 '66 ROD NO. 7269
F.B. 2839 Pg. 181

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-25A TO B.M. 60-27
B.M. 60-25A	12	21			53	23			B.M. 60-25A
1	11	020	312	5 ½ 35 11 68	282	563	583	5 307 257 50	Hwy 99 & New Golden State Fwy
									SEE F.B. 3719-157
2	22	928	323	5 42 2 40 80	199	368	600	5 218 179 39 89	
									1 mile
3	4	121	305	5 ½ 37 4 66 154	296	269	597	5 ½ 276 268 56 145	
4	12	793	313	5 ½ 28 12 32 186	249	828	550	5 230 228 42 187	
5	4	163	305	5 ½ 32 4 56 242	297	086	598	5 ½ 297 268 58 245	
6	90	622	391	5 107 74 33 275	280	870	581	5 296 264 32 277	
								275	
B.M. 60-27								552	B.M. 60-27
	145	647			1605	984			Hwy 99 AT ℄ 161+36.74 EC
					145	647			SEE F.B. 3719-169
				=	1460	337			

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F.B. 2839 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET.

SURVEY BY DREIER NOTES GOODWIN (1-3-66)

INDEXED C. J. GALL DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:30 TO ROD NO. 96 19

NOTES CHKD DATE NOV 23 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 60-27 TO B.M. 60-25A
B.M. 60-27											B.M. 60-27 (STATE B.M. 19-F-52)
1.	294	810	595	5	½ 294/272 44	20	222	321	5	½ 43/20 46	HWY. 99 AT ℄ CONST. STA.
											161+36.74 E.C. 161+58.62 P.O.T.
2.	299	726	600	5	½ 299/266 66	9	922	310	5	½ 42/21 66	SEE F.B. 3719-159
					110					112	
3.	301	973	602	5	½ 301/263 66	10	503	311	5	½ 41/10 62	⊼ WILKS
					176					174	
4.	298	770	599	5	½ 298/272 52	24	964	325	5	½ 50/24 52	
					228					226	
5.	285	090	586	5	½ 285/259 52	11	390	312	5	½ 38/211 54	
					280					280	
6.	147	925	448	5	153/141 12	90	866	391	5	96/84 12	
					292 ✓					292 ✓	
B.M. 60-25A											B.M. 60-25A (NEW)
										292	HWY 99 & GLODEN STATE FRWY
	1628	294	✓			168	867	✓		584 ✓	SEE F.B. 3719-157
	168	867	✓								
+	1460	427	✓								

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM. 60-27 TO BM. 60-28
B.M. 60-27											B.M. 60-27 (STATE B.M. 19-F-52) = 161+38.62 P.O.T.
1.	98	477	399	5	1½ 134/98	265	265	566	5	302/228 74	Hwy 99 AT ℄ CONST. STA. 161+36.74 E.C.
											SEE F.B. 3719-159
2.	111	817	412	5	139/82 57	258	620	568	5	287/229 58	
					129 ✓					132 ✓	
										✓	
BM 60-28										139	BM 60-28 (STATE BM 20-F-52)
	210	294	✓			523	885	✓		261	Hwy. 99 @ ℄ CONSTRUCTION STA. 169+97.23
						210	294	✓			SEE F.B. 3719-161
						313	591	✓			

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

SURVEY BY GEO. DREIER WEATHER CLEAR INST. NO. 86776

NOTES BY GOODWIN C.J. GALLI DATE NOV. 2, 1966 TIME 8:30 TO 9:45 ROD NO. 8519

INDEXED DATE NOTES CHKD. DATE NOV 23 '66

F.B. 2839 PG. 183

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 2839 Pg. 184 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DRETER NOTES GOODWIN (11-3-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:00 TO 14:10 ROD NO. 9619

NOTES CHKD. DATE NOV 23 '68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 60-28 TO B.M. 60-27
B.M. 60-28									B.M. 60-28
									STATE B.M. 20-F-52
1.	255	250	556	5	291/220 71	83	048	384 5	120/45 75 HWY. 99 ℄ ℄ CONSTRUCTION
									STA. 169+97.23
2.	262	955	563	5	291/~~237~~ 57 128	121	606	422 5	~~145~~/~~94~~ 54 129 SEE F.B. 3719-161
B.M. 60-27									128 B.M. 60-27 (STATE B.M. 19 F 52)
	518	203	✓			204	654	✓	257 Hwy 99 AT ℄ STA. 161+36.74 E.E.
	204	654	✓						SEE F.B. 3719-159
	+313	551	✓						

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER
NOTES BY GORDON
INDEXED C. J. GALLI
DATE NOV. 2, 1966
TIME 9:50 TO 9:55
WEATHER CLEAR
INST. NO. 716
ROD NO. 9519
DATE
NOTES CHKD
DATE NOV 23 '66
F.B. 2839 PG. 185

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-28 TO B.M. 60-60-28A
B.M. 60-28									B.M. 60-28 (STATE BM 20-E-52),
1.	212	900	513	5	213/206 13	183	110	484 5	193/173 20 Hwy 99 & ℄ CONSTRUCTION STA. 169+97.23 SEE F.B. 3719-161
BM 60-28A									13 BM 60-28A (FC 128-10750)
	212	900				183	110		33 Hwy 99 & STA 170+00, W. SIDE
	183	110							SEE F.B. 3719-161
+	28	790							
	9								
RERUN									
B.M. 60-28									
1.	213	490	514	5	217/209 8	183	765	484 5	191/175 16
B.M. 60-28A									8
	213	490				183	765		24
	183	765							
+	29	725							

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F.B. 2839 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DRIFTER NOTES GOODWIN (11-3-66)

INDEXED C. J. GILL DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:50 TO 10:55 ROD NO. 2516

NOTES CHKD. DATE JUL 23 '68

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 60-28A TO B.M. 60-28
B.M. 60-28A									B.M. 60-28A
1.	183	014	484	5 ~~191~~ ~~115~~ 10	212	682	513	5 ~~216~~ ~~105~~ 8'	(FC 128-10750) Hwy 99 & 170+00 SEE F.B. 3719-161
B.M. 60-28								16	B.M. 60-28 (STATE B.M. 20 F52)
	183	014	✓		212	682	✓	24	Hwy 99 AT ℄ STA 169+97.23
					183	014	✓		SEE F.B. 3719-161
					− 29	668	✓		

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-28A TO B.M. 60-29
B.M. 60-28A									B.M. 60-28A (EC 128-10750)
									HWY. 99 AT STA. 170+00, W. SIDE
1.	170	310	471 5	212/129 83	196	893	497 5	239/153 86	SEE F.B. 3719-161
2.	26	632	327 5	½ 68/26 84 167	272	240	573 5	½ 272/232 80 166	
3.	100	290	401 5	109/91 18 185	296	627	597 5	½ 296/288 16 182	
BM 60-29									185 BM 60-29 (STATE BM 21-F-52)
	297	232			765	760			367 Hwy 99 & CONSTRUCTION STA. 180+45.96
					297	232			SEE F.B. 3719-163
					468	528			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER
NOTES BY GOODWIN
INDEXED C. J. GALLI
DATE NOV. 2, 1966
WEATHER CLEAR
TIME 10:15 TO 11:30
INST. NO. 26716
ROD NO. 5919
NOTES CHKD. [illegible]
DATE NOV 23 '66
F.B. 2839 PG. 187

F.B. 2839 Pg. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREFER NOTES Geo Dwn (11-3-66)

INDEXED C.J. DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:30 TO 10:45 ROD NO. 9919

NOTES CHKD. DATE NOV 23 '66

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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. 60-29 TO B.M. 60-28A
B.M. 60-29											B.M. 60-29 STATE B.M. 21-F-32
1.	300	733	601	5	½ 300/283 34	42	066	343	5	59/25 34	HWY. 99 @ E STA. 180+45.96
											SEE F.B. 3719-163.
2.	279	330	580	5	½ 279/235 88	60	335	361	5	102/17 86	
					122					120	
3.	139	685	440	5	160/118 42	148	960	449	5	170/127 43	
					164					163 ✓	
B.M. 60-28A										164	B.M. 60-28A (F.C. 128-10250)
	719	748	✓			251	361	✓		327	Hwy 99 AT STA. 170+00, W. SIDE
	251	361	✓								SEE F.B. 3719-161
	+ 468	387	✓								

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY GOODWIN
INDEXED G. J. GALLI
DATE 11-2-66
DATE
WEATHER CLEAR-WARM
TIME 10:25 TO 10:44
NOTES CHKD
INST. NO. 96716
ROD NO. P212
DATE NOV 23 '66
F.B. 2839 Pg. 189

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-29 TO B.M. 60-30
B.M. 60-29									B.M. 60-29 (STATE B.M. 21-F-52)
1.	114	820	415	5 ½ 126/114 24	223	760	524	5 235/211 24	Hwy 99 AT ℄ STA. 180+45.96 B.C.
									SEE F.B. 3719-163
2.	16	268	317	5 30/2 28 52	290	222	591	5 304/276 28 52	
3.	75	600	376	5 91/59 32 84	236	087	537	5 253/220 33 85	
BM 60-30								84	BM 60-30
	206688				750069			169	Hwy 99 89 FT. W. OF ℄ STA. 185+28
					206688				SEE F.B. 3719-165
					543381				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2839 PG. 190 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELNET

SURVEY BY DRSEK NOTES GOODWIN (1-3-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:20 TO 10:30 ROD NO. 95119

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 60-30 TO B.M. 60-29
B.M. 60-30													B.M. 60-30 (STATE B.M. 21-F40)
1.	291	681	592	5	½ 291/272	38	7	580	306	5	½ 26/7	38	HWY. 99, 89 FT. W. ℄
													STA. 185+28
2.	301	005	602	5	½ 301/281	40	41	674	342	5	½ 67/41	42	SEE F.B. 3719-165
						78						80	
B.M. 60-29													B.M. 60-29 (STATE B.M. 21 F52)
												78	Hwy 99, AT ℄ STA. 186+45.96 B.C.F.
	592	686	✓				49	254	✓			158	SEE F.B 3719-163
	49	754	✓										
+	543	432	✓										

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY GOODWIN DATE 11-2-66 TIME 10:45 TO 11:15 WEATHER CLEAR-WARM INST. NO. 96716
INDEXED C.J. GALLI DATE NOTES CHKD DATE NOV 23 66 ROD NO. 9417
F.B. 2839 PG. 131

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-30 TO B.M. 60-31
B.M. 60-30	33	12			439	43			B.M. 60-30 (STATE B.M. 21 F 40)
1.	51	919	352 5	75/27 48	254	347	555 5	278/230 48	Hwy 99, 89 FT. W. & STA. 185+28
									SEE F.B. 3719-165
2.	66	148	367 5	100/32 68	239	687	540 5	273/205 68	
				116				116	
3.	29	500	330 5	½ 82/29 106	298	462	599 5	½ 298/250 96	
				222				212	
4.	26	105	327 5	½ 57/26 62	244	866	545 5	278/210 68	π = WILKS
				284				280	
5.	11	133	312 5	½ 46/11 70	270	563	571 5	½ 270/233 70	
				354				350	
6.	89	612	390 5	130/49 81	84	574	385 5	174/44 80	
				435				430	
7.	173	711	474 5	177/148 54	44	840	305 5	71/19 54	
				489				484	
BM 60-31								485	B.M. 60-31 (STATE B.M. 24 F 40)
	448	128			1437	341		972	Hwy 99, 82 FT. W. of ℄ STA. 215+90
					448	128			SEE F.B. 3719-167
					989	213			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER CLEAR INST. NO. 26716
TIME 7:45 TO 10:20 ROD NO. 9619
NOTES CHKD. DATE NOV 23 '68

F.B. 2839 PG. 192 JOB NO. 030102
SURVEY OF L.A.G. PRECISE LEVEL NET
SURVEY BY DREIER NOTES GOODWIN (11-3-66)
INDEXED C. J. GALL DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-31 TO B.M. 60-30
B.M. 60-31		21				22			B.M. 60-31 (STATE B.M. 24 F 40)
1.	43	493	344 5	70/72 54	215	333	516 5	242/188 54	HWY 99, 82 FT. W. ℄ STA. 215+90
									SEE F.B. 3719-167
2.	127	883	428 5	169/85 84 138	65	533	366 5	107/23 84 138	
3.	290	760	591 5	½ 290/244 92 230	4	910	305 5	½ 50/4 92 230	
4.	301	592	602 5	½ 301/267 74 309	4	027	305 5	½ 43/4 78 308	π = WILKS
~~5.~~	~~296~~	~~642~~	~~597 5~~	~~½ 296/252 88 392~~	~~296~~	~~642~~	~~597 5~~		
~~6.~~	~~47~~	~~890~~ 642	~~348 5~~	~~91/5 88 80~~					
5.	296	~~642~~	597 5	½ 296/252 88 392	47	890	348 5	½ 91/3 88 396	
6.	259	482	560 5	298/220 78 410	4	375	305 5	½ 41/4 74 470	
7.	300	303	601 5	½ 300/253 34 504	4	907	305 5	½ 21/4 34 504	
8.	5	133	306 5	½ 23/5 36 540	289	220	590 5	½ 289/270 38 542	
								540	
B.M. 60-30								1082	B.M. 60-30 (STATE BM 21 F 40)
	1625	228			636	195			HWY 99, 89 FT. W. ℄ STA. 185+28
	636	195							SEE F.B. 3719-165
+	989	033							

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-31 TO B.M. 60-31A
B.M. 60-31									B.M. 60-31 (STATE B.M. 24 F 40)
1	164	555	465	5 180/148 32	221	733	522	5 237/205 32	Hwy. 99, 82 FT. W. OF ℄ STA. 215+90
									SEE F.B. 3719-167
B.M. 60-31A								32	B.M. 60-31A
	164	555			221	733		64	Hwy 99, ~~82 FT. W. OF~~ AT ℄ STA. 217+76.02 P.O.T.
					164	555			SEE F.B. 3719-167
					57	178			
									⊼ = WILKS
(RERUN) B.M. 60-31									
1.	161	465	462	5 177/145 32	218	652	519	5 234/202 32	
								32	
	161	465			218	652		64	
					161	465			
					57	187			

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

SURVEY BY G. E. DREIER

NOTES BY GOODWIN

C. J. GALL

DATE 11-2-66

WEATHER CLEAR-WARM

INST. NO. 26714

TIME 11:16 TO 11:18

ROD NO. 7819

INDEXED

DATE

NOTES CHKD

DATE NOV 23 '66

F.B. 2839 Pg. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER CLEAR-WARM INST. NO. 96716
TIME 2:55 TO 3:40 ROD NO. 9 & 19
NOTES CHKD [illegible] DATE NOV 23 '66

P.B. 2839 PG. 194 JOB NO. 0301.02
SURVEY OF LA. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES GOODWIN (11-2-66)
INDEXED C. J. GALL DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-31A TO B.M. 60-31
B.M. 60-31A									B.M. 60-31A ℄
1.	212	195	513	5	324/192 32	154	846	455 5	170/138 32 Hwy 99, AT ℄ STA. 217+76.02 P.O.T
									SEE F.B. 3719-167
B.M. 60-31									B.M. 60-31 (STATE B.M. 24 F 40)
	212	195		32	154	846		32	Hwy 99, 82 FT. W. OF ℄ STA. 215+90
	154	846							SEE F.B. 3719-167
	+ 57	349	DISREGARD ROD MAN HOLDING ON WRONG POINT						
									⊼ = WILKS
(RERUN)									
B.M. 60-31A									
1.	216	026	517	5	232/200 32	158	658	459 5	174/141 33
	216	026		32	158	658		33	
	158	658							
	+ 57	368	DISREGARD						
B.M. 60-31A									
1.	217	837	518	5	233/201 32	160	591	461 5	176/144 32
									OK
	217	837				160	591		32
	160	591							
	+ 57	246		32					32 64

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER Hazy
NOTES BY Wilks DATE 11-2-66 TIME 11:20-12:00 INST. NO. 96714
INDEXED C. J. GALLI DATE NOTES CHKD. DATE ROD NO. 7813
F.B. 2839 PG. 195

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-31A TO B.M. 60-32A
B.M. 60-31A									B.M. 60-31A
1	74	228	375 5	½ 74 / 105 62	285	877	586 5	½ 255 / 285 60	Hwy 99, AT ℄ STA. 217+76.02 P.O.T.
								245 / 389 44	SEE F.B. 3719-167
2	9	388	310 5	½ 9 / 29 40	267	635	568 5		
				102				145 / 196 104	
3	7	687	308 5	½ 7 / 34 54	170	786	471 5		
				74 / 152 156				157 / 237 155	
4	113	394	414 5	78	197	449	498 5	80	GOODW IN △
				72 / 155 234				112 / 194 235	
5	113	382	414 5	83	153	230	454 5	82	
				126 / 194 317				224 / 293 317	
6	160	329	461 5	68	259	086	560 5	69	
				64 / 108 385				238 / 282 326	
7	86	455	387 5	44	260	253	561 5	44	
				429				480	
BM 60-32A								409	BM 60-32A
	565	363			15			89	Hwy 99 0.6 mi. S. of Lyons Ave.
					894	316			SEE F.B. 3719-169
					565	363			
					1028	953			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9819 DATE NOV 23 1966

WEATHER Hot TIME 2:05 - 3:45 NOTES CHKD. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-32A TO B.M. 60-31A
BM 60-32A	443	32		241	243			30	B.M. 60-32A
1	259	173	560 5	277 36	48	229	349 5	66 36	Hwy 99, 0.6 mi. S. of Lyons Ave.
				320				104	SEE F.B. 3719-169
2	245	143	546 5	270 50	129	935	430 5	154 50	
				117 86				131 86	
3	153	942	454 5	189 72	167	722	468 5	203 72	
				189 158				28 158	
4	225	302	526 5	361 72	65	117	366 5	102 74	
				95 230				168 232	
5	128	754	429 5	162 67	202	999	503 5	236 68	
				½ 361 297				½ 10 300	
6	288	536	589 5	388 54	10	083	311 5	35 50	
				½ 362 351				½ 14 350	
7	291	564	592 5	291 58	14	418	315 5	38 48	
				199 409				118 398	
8	210	173	511 5	221 32	134	542	435 5	150 32	
				431				430	
								431	
BM 60-31A									BM 60-31A
	1802 587				773 045			861	Hwy 99 @ ℄ STA. 217+76.02
	773 045								SEE F.B. 3719-167
+	1029 542								

F.B. 2839 Pg. 196 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS

INDEXED C. J. GALLI DATE

3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G. E. DREIER WEATHER HAZY

NOTES BY WILKS INST. NO. 9674

DATE 11-4-66 TIME 10:35 ROD NO. 9819

INDEXED DATE NOTES CHKD DATE NOV 23 '66

F.B. 2839 PG. 197

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 60-31A TO BM 60-32A
BM 60-31A	54	06				535	045		1/2 254		BM 60-31A
1	134	943	435 S	108 / 160	52	280	628	581 S	280	52	Hwy 99 ℄ E STA. 217+76.02 P.O.T.
									252		SEE F.B. 3719-169
2	58	908	359 S	44 / 72	28	267	723	568 S	282	30	
					80				248	82	
3	31	088	332 S	12 / 50	38	268	616	569 S	288	40	
				74	118				115	122	
4	109	549	410 S	144	70	148	935	449 S	188	66	
					188				188	188	
5	88	153	389 S	54 / 122	68	223	672	524 S	258	70	
				140	256				130	258	
6	169	318	470 S	198	58	160	034	461 S	189	59	
				98	314				150	317	
7	127	969	428 S	156	58	178	582	479 S	206	56	
				22	372				143	373	
8	38	354	339 S	54	32	159	942	460 S	175	32	
				157	409				254	405	
9	170	088	471 S	183	26	269	571	570 S	284	30	
					430 ✓					435 ✓	
										430 ✓	BM 60-32A
BM 60-32A										865	HWY. 99, 0.6 MI. S.E. OF LYONS AVE
	928	370 ✓				1957	703 ✓				SEE F.B. 3719-169
						928	370 ✓				
						1029	333 ✓				

F.B. 2839 Pg. 198 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P52 CE # 304

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.J. DALLI DATE 11-2-66 WEATHER HOT
INDEXED DATE TIME 1:15 - 1:40 INST. NO. 2844
NOTES CHKD. DATE NOV 23 '66 ROD NO. 7811
F.B. 2839 Pg. 199

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											From B.M. 60-32A To B.M. 60-32B
B.M. 60-32A		1		1/2 320					46		B.M. 60-32A
1	298	519	599	5	298 56	73	333	374	5	100 54	Hwy 99, 0.6 MI. S. OF LYONS AVE.
											SEE F.B. 3719-169
2	275	869	576	5	1/2 341 / 275 68	136	957	437	5	101 / 171 70	
					124					124	
3	91	087	392	5	51 / 131 80	284	240	585	5	1/2 344 / 284 80	
					204					204	
4	64	920	365	5	57 / 71 14	249	770	550	5	242 / 256 14	
					218					218	
BM 60-32B										218	BM 60-32B
	730	395				744	300			436	Hwy 99 0.3 M S. OF LYONS AVE.
						730	395				SEE F.B. 3719-171
						13	905				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 86716 ROD NO. 9 819 DATE NOV 23 '88

WEATHER Hot TIME 1:45 NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-32B TO B.M. 60-32A
B.M. 60-32B					242						52		B.M. 60-32 B
1	352	908	553	5	262	20	62	150	363	5	72	20	Hwy 99, 0.3 MI. S. OF LYONS AVE
					1/2 251						54		SEE F.B. 3719-171
2	291	157	592	5	391	80	94	710	395	5	134	80	
					78	100					328	100	
3	109	418	410	5	190	62	258	283	559	5	288	60	
					43	162					1/2 270	160	
4	72	767	373	5	102	58	297	171	598	5	297	54	
						220						214	
BM 60-32A												220	BM 60-32A
	726	250					712	314				434	Hwy 99 0.6 M S. LYONS AVE.
	712	314											SEE F.B. 3719-169
+	13	936											

F.B. 2839 Pg. 200 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES WILKS (11-2-66)

INDEXED C. J. GALLI DATE

74P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.G. DREIER
NOTES BY S.E. MANN G.J. GALL
INDEXED
DATE 11-04-66
DATE
WEATHER WARM
TIME 11:30 TO
NOTES CHKD. NOV 23 '66
INST. NO. 26114
ROD NO. 284
DATE
F.B. 2839 PG. 29

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-32B TO B.M. 60-34 A
B.M. 60-32B	36				393	95			B.M. 60-32B
1	236	628	537 5	277 195 82	106	123	407 5	147 65 82	Hwy 99, 0.3 mi. S. of Lyons Ave
									SEE F.B. 3719-171
2	287	495	588 5	287 ½ 245 84 166	4	464	305 5	45 ½ 4 82 164	
3	301	754	602 5	301 ½ 28 36 202	30	688	331 5	48 12 36 200	
4	68	200	369 5	95 42 53 255	294	000	595 5	294 ½ 271 46 246	T = WILKS
5	30	744	331 5	39 21 18 273	251	836	552 5	265 237 28 274	
6	39	33	304 5	31 ½ 3 [illegible] 332	300	946	601 5	300 ½ 271 58 332	
7	16	900	317 5	32 0 32 361	293	627	594 5	307 279 28 360	T.P. SPK. IN PVT.
8	12	216	313 5	23 2 21	284	336	585 5	295 274 21	
9	9	210	310 5	19 ½ 9 28 402	284	228	585 5	294 274 20 401	
10	27	755	328 5	39 15 24	238	636	539 5	251 226 25	
11	55	642	356 5	93 17 76 502	179	873	480 5	217 141 76 502	
B.M. 60-34A								502 1004	B.M. 60-34 A (RD. DEPT. SL 642) Lyons Ave & Wiley Cn. Rd.
	1050	477			2268	757			SEE F.B. 3719-175
					1050	477			
					1218	280			

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER PART CLOUDY INST. NO. 96716
TIME 11:10 TO ROD NO. 2819
NOTES CHKD DATE NOV 23 '68

F.B. 2839 Pg. 202 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 11-14-66
INDEXED DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-34 A TO B.M. 60-32B
B.M. 60-34A									B.M. 60-34 A
1	203	990	504 5	248 158 90	4	432	305 5	½ 47 4 86	WILEY CYN, S.E. Lyons Ave. & ~~Fourlard~~, N.E. Cor.
									SEE F.B. ~~2839-25~~ 3719-175
2	249	846	550 5	261 237 24 114	4	782	305 5	½ 16 9 24 110	
									π WILKS
3	297	952	598 5	½ 297 287 20 134	3	400	304 5	½ 15 3 24 134	
4	297	517	598 5	½ 297 284 26 160	10	816	311 5	½ 23 10 26 160	
5	299	176	600 5	½ 299 278 42 202	41	810	342 5	62 20 42 202	
6	288	048	589 5	½ 288 263 50 252	4	305	305 5	½ 26 4 44 246	
7	297	647	598 5	½ 297 284 26 278	6	584	307 5	½ 22 6 32 278	
8	239	130	540 5	266 212 54 332	274	310	575 5	302 246 56 334	
9	3	767	304 5	½ 36 3 66 398	299	786	600 5	½ 299 270 58 392	
10	6	138	307 5	½ 36 6 60 458	169	527	470 5	202 137 65 457	
11	94	793	395	125 65 60 518	239	600	540	269 209 60 517	
B.M. 60-32B								518	B.M. 60-32B
	2278	004			1059	352		1035	Hwy 99, 0.3 mi. S. of Lyons Ave
	1059	352							SEE F.B. 3719-171
+	1218	652							

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREILER
NOTES BY WILKES
INDEXED C. J. GALLI
DATE 11-4-66
WEATHER CLEAR
TIME 1:40-1:45
NOTES CHKD NOV 23 '66
DATE
INST. NO. 8016
ROD NO. 2819
F.B. 2839 PG. 203

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 60-34A TO BM 60-34
BM60-34A							BM 60-34 A LRD DEPT SL 642 LYONS AVE & WILEY CN RD. SEE F.B. 3719-175
1	96 610	397 5	SL 136 80	246 429	547 5	304 287 83	
BM 60-34	96 610			246 429 96 610 149 819		80 163	BM 60-34 LYONS AVE. & FOURL RD. SEE F.B. 2839-25
			RERUN 11-14-66				NOTE: 60-34 UNSTABLE ON EDGE OF CONST. DITCH
B.M. 60-34A 1	96 430	397 5	136 57 79	249 421	550 5	291 206 85	
B.M. 60-34	96 430			249 421 96 430 152 991		79 164	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 Pg. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.P. NOTES Kilies (11-10-64)

INDEXED C.J. GALL DATE

WEATHER Clear INST. NO. 9276

TIME 2:50-2:55 ROD NO. 9819

NOTES CHKD [illegible] DATE NOV 23 '66

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 60-34 TO BM 60-34A
BM 60-34									BM 60-34 LYONS AVE & FOURL ROAD N.E. COR. SEE F.B. 2839-25
1	228	.863	529	5		75 .911	376	5	187/269 .82 ✓ 34/116 .82 ✓
BM 60-34A									.82 ✓ BM 60-34A (RD DEPT SL 642) LYONS AVE & WILEY CN RD SEE F.B. 3719-175
	228	.863	✓			75 .911	✓		.164 ✓
	75	.911	✓						
+	152	.952	✓						

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	MIC.	FORESIGHT RIGHT	MIC.	LEFT	STADIA	MIC.	DESCRIPTION AND REMARKS
											FROM B.M. 60-34 TO B.M. 60-35A
B.M. 60-34				62					213		B.M. 60-34
1	102	331	403 5	143	80	253	950	554 5	292	79	LYONS AVE & FOURL RD, N.E. COR.
				38					74		SEE F.B. 2839-25
2	68	769	369 5	106	80	115	061	416 5	156	82	
				96	160				224	161	⊼ SIEMANN
3	133	978	434 5	170	79	261	423	562 5	298	74	
				64	239				140	235	
4	108	878	409 5	152	88	184	300	485 5	228	88	
				109	323				67	323	
5	154	250	455 5	199	90	112	188	413 5	157	90	
				182	413				128	413	
6	194	250	495 5	206	23	149	760	450 5	160	12	
					436					435	
										436	BM 60-35A
BM 60-35A										87	LYONS & PEACHLAND AVES.
	762 456					1076 682					SEE F.B. 3219-127
						762 456					
						314 226					

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

SURVEY BY G.E. DREGER

NOTES BY WILKES

INDEXED C.J. GALLI

DATE 11-4-66

DATE

WEATHER CLEAR

TIME 1:45-3:15

NOTES CHKD NOV 23 '68

DATE

INST. NO. 96716

ROD NO. 2869

F.B. 2839 PG. 205

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 7819 DATE Nov 23 1966

WEATHER CLEAR TIME 2:10-2:45 NOTES CHKD

JOB NO. 030102 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY DREISE NOTES WILKS (11-10-66) INDEXED C. J. GALLI DATE

F.B. 2839 PG. 206

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM. 60-35A TO BM. 60-34
BM. 60-35A					35						143		BM. 60-35A
1	73	927	374	5	111	76	180	140	481	5	217	74	LYONS AVE & PEACHLAND AVE, ℄ INT.
					118						55		SEE F.B. 3719-177
2	167	001	468	5	216	98	105	110	406	5	155	100	
					189	174					26	174	
3	233	161	534	5	276	87	70	270	371	5	114	88	
					66	261					71	262	
4	106	270	407	5	146	80	111	831	412	5	150	79	
					1/2 323	341					26	341	
5	271	086	572	5	271	96	72	090	373	5	118	92	
						437						433	
BM 60-34												437	BM 60-34
	851	445					539	441				870	LYONS AVE & ~~PEACHLAND AVE~~ FOURL RD.
	539	441											SEE F.B. 2839-25
←	312	004											

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 11-14-66 WEATHER PART CLOUDY INST. NO. 36716
INDEXED C.J. GALLI DATE TIME 1:10 TO 1:30 ROD NO. 2817
NOTES CHKD. DATE NOV 23 '66 DATE
F.B. 2839 Pg. 207

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 60-34 TO B.M. 60-35A
B.M. 60-34									B.M. 60-34
1	99	121	4005	137 6176	234	133	5355	273 195 78	LYONS AVE & FOURL RD., N.E. COR.
									SEE F.B. 2895-25
2	54	262	3555	+13 94 14 80 156	120	118	4215	160 80 80 156	
									↑ SIEMANN
3	155	141	4565	187 123 64 220	261	379	5625	298 224 74 232	
4	95	821	3965	138 52 86 306	185	827	4865	228 142 86 318	
5	144	142	4455	183 105 78 384	150	531	4515	183 117 66 384	
6	203	062	5045	228 178 50 434	111	451	4125	136 86 50 434	
B.M. 60-35A								434 868	B.M. 60-35A
	751	549			1063	439			LYONS AVE & PEACHLAND
					751	549			SEE F.B. 3719-177
					311	890			

F.B. 2839 Pg. 208 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY _____ NOTES _____

INDEXED _____ DATE _____

WEATHER _____ INST. NO. _____

TIME _____ ROD NO. _____

NOTES CHKD _____ DATE _____

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 60-35A TO B.M. 60-36
B.M. 60-35A	03919		1½ 253	223 32		1½ 18	B.M. 60-35A
1	293 950	594 5	293 80	18 082	319 5	57 78	LYONS AVE. & PEACHLAND AVE., ℄ INT.
			192			125	SEE F.B. 3719-177
2	236 179	537 5	280 88	170 190	471 5	215 90	
			112 168			76 168	
3	147 157	448 5	182 70	111 760	412 5	146 70	
			158 238			84 238	
4	198 879	499 5	238 80	124 618	425 5	164 80	
			138 38			137 38	
5	172 873	473 5	206 68	171 873	472 5	205 68	
			139 384			155 384	
6	154 981	455 5	169 30	168 967	469 5	181 30	
			416			412	
						416	BM 60-36
BM 60-36						828	LYONS AVE & WAYMAN ST.
	1204 019			765 490			SEE F.B. 2839-27
	765 490						
+	438 529						

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

SURVEY BY G.E. DREIER WEATHER Pty. Foggy INST. NO. 26216

NOTES BY WILKS DATE (11-4-66) TIME 2:15 - 2:45 ROD NO. 2819

INDEXED C. J. GALLI DATE NOTES CHKD NOV 23 '68 DATE

F.B. 2839 Pg. 20

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 9619
DATE

WEATHER Clear
TIME 1:45 - 2:25
NOTES CHKD

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-36 TO B.M. 60-35A
B.M. 60-36									B.M. 60-36
1	165	760	466.5	120 / 210 / 90	173	730	474.5	135 / 221 / 86	LYONS AVE. & WAYMAN ST., N.E. COR.
									SEE F.B. 3719 2839-27
2	142	455	343.5	99 / 185 / 86	220	478	521.5	174 / 265 / 91	
				176				177	
3	122	888	423.5	83 / 161 / 78	148	698	449.5	109 / 187 / 78	
				254				255	
4	158	470	459.5	113 / 203 / 90	258	760	559.5	212 / 304 / 92	
				344				347	
5	30	418	331.5	½ 30 / 62 / 61	256	888	557.5	226 / 287 / 61	
				408	✓			408 ✓	
BM 60-35A								408	BM 60-35A
	619	991	✓					816 ✓	LYONS AVE. & PEACHLAND AVE.
					1058	554 ✓			SEE F.B. 3719-177
					619	991 ✓			
					438	563 ✓			

F.B. 2839 PG. 210
JOB NO. 030102
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY ORDER NOTES D.L.W. (11-10-66)
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY W. KS
INDEXED C.J. GALLI
DATE 11-9-66
WEATHER Clear
TIME 2:45-3:00 9:20-9:30
INST. NO. 96716
ROD NO. 9 & 19
NOTES CHKD
DATE
F.B. 2839 PG. 211

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-36 TO B.M. 60-36A
B.M. 60-36	523				162		333	21			100		B.M. 60-36
1	193	545	494	5	224	62	130	310	431	5	160	60	LYONS AVE. & WAYMAN WAY, N.E. COR
					46						1/2 224		SEE F.B. 2839-27
2	60	542	361	5	73	27	299	292	600	5	299	30	
					13	89					250	90	
3	28	372	329	5	43	30	264	928	565	5	279	29	
					55	119					189	119	
4	91	961	372	5	87	32	206	261	507	5	221	32	*
					158	151					39	151	
5	194	649	495	5	230	72	76	770	377	5	113	78	
					176	223					134	225	
6	191	100	492	5	206	30	138	412	439	5	152	38	
					150	253					108	253	
7	175	326	476	5	200	50	133	500	434	5	158	50	
						303	✓					303	✓
BM 60-36A												303	BM 60-36A
	915	495	✓				1249	473	✓			606	NEWHALL AVE. & 9TH ST.
							915	495	✓				SEE F.B. 3719-181
							333	978	✓				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 7819 DATE NOV 23 '96

WEATHER Clear TIME 1:10-1:40 NOTES CHKD

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES WILKS (11-10-66)

INDEXED B.J. DATE

JOB NO. 030102

F.B. 2839 PG. 212

FROM B.M. 60-36A B TO B.M. 60-36

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
B.M. 60-36A B				96				164	B.M. 60-36A B' Wm 9/21/89
1	132	230	433 5	168 72	199	636	500 5	234 70	NEWHALL AVE. & 9th ST., ℄ INTER.
				43 ok				176	SEE F.B. 3719-181
2	80	834	381 5	114 71	212	182	513 5	247 71	
				132				31	14
3	156	221	457 5	180 48	54	125	355 5	77 46	
				1/3 272				1/12 2	187
4	292	210	593 5	292 32	2	530	303 5	50 36	
				256				48	223
5	272	250	573 5	288 32	64	040	365 5	80 32	
				95				162	255
6	123	238	424 5	151 56	190	327	491 5	218 56	
				311				311	
BM 60-36								311	BM 60-36
	1056	983			722	840		622	LYONS AVE. & WAYMAN WAY
	722	840							SEE F.B. 2839-27
+	334	143							

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.F. DREIER WEATHER CLEAR
NOTES BY Goodwin DATE 11-9-66 TIME 9:40 TO 9:55 INST. NO. 26716
INDEXED C.J. Gall DATE NOTES CHKD DATE NOV 23 '66 ROD NO. 7812
F.B. 2839 Pg. 213

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-36B TO B.M. 60-37
B.M. 60-36B									B.M. 60-36B BV wm 9/21/69
1	270	916	571 5	1/2 270/268 124	46	390	347 5	1/2 109/92 126	NEWHALL AVE. & 9TH ST., & INTER.
									SEE F.B. 3719-181
2	267	810	568 5	305/230 75	36	490	337 5	77/0 73	
				199				199	
3	163	330	464 5	170/156 14	11	182	312 5	18/4 14	π = WILKS
				213 ✓				213 ✓	
BM 60-37								213 ✓	BM 60-37 (USC&GS K-53 RESET)
	702	056 ✓			94	062 ✓		420	SAN FERNANDO RD. & 8TH ST.
	94	062 ✓							SEE F.B. 2839-28
	+607	994 ✓							

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 PG. 214 JOB NO. 03010 2

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOODWIN (11-10-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO 96716

TIME 11:35 TO 11:55 ROD NO. 9819

NOTES CHKD DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-37 TO B.M. 60-36B
B.M. 60-37													B.M. 60-37 (U.S.C.&G.S. K-53 RESET)
1.	4	262	305	5	½ 10/4	12	173	878	474	5	179/167	12	SAN FERNANDO RD. & 8TH ST., S.E. COR.,
													SEE F.B. 2839-28
2.	33	337	334	5	64/2	62	249	212	550	5	280/218	62	
						74						74	
3.	101	314	402	5	131/72	59	218	000	519	5	248/188	60	
						133						134	
4.	112	428	413	5	142/82	60	218	311	519	5	249/188	61	
36B						193	✓					195 ✓	36B ✓ corr. 8/1/69
B.M. 60-37A												193	B.M. 60-37A
	251	341	✓				859	401	✓			388 ✓	NEWHALL AVE. &
							251	341	✓				9TH ST., ℄ INTER.
							608	060	✓				SEE F.B. 3719-181

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 60-37 TO B.M. 60-38
B.M. 60-37									B.M. 60-37 (U.S.C.&G.S. K-53) (RESET)
1.	6	018	307 5	13/-1 14	162	263	463 5	169/155 14	SAN FERNANDO RD. & 8TH ST, S.E. COR
									SEE F.B. 2839-28
2.	127	074	428 5	176/78 98	266	888	567 5	266/½ 217 98	
				24 112				167 112	
3.	104	370	405 5	134 60	198	545	499 5	229 ~~110~~ 62	
				172				174	⊼ = WILKS
4.	137	463	438 5	172/101 71	102	780	403 5	137/67 70	
				245 ✓				244 ✓	
B.M. 60-38								243 ✓	
								487 ✓	B.M. 60-38 (USC&GS 49CHC)
	374 865 ✓				730 476 ✓				SAN FERNANDO RD. & 12TH ST.
					374 865 ✓				SEE F.B. 2839-29
					- 355 611 ✓				

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

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 86216

NOTES BY SOARWIN DATE 11-9-66 TIME 10:00 TO 10:15 ROD NO. 8219

INDEXED G. J. GALLI DATE NOTES CHKD DATE NOV 23 '66

F.B. 2839 PG. 215

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREFER NOTES GOODWIN (11-10-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 11:20 TO 11:35 ROD NO. 9519

NOTES CHKD Olson DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-38 TO B.M. 60-37
B.M. 60-38									B.M. 60-38 (U.S.C.&G.S. 49 S.M.C.)
1.	40	172	341 5	74/6 68	100	896	401 5	134/66 68	SAN FERNANDO RD., R.R., & 12th ST.
2.	255	962	556 5	293/217 76	91	240	392 5	129/54 75	
				144				143	
3.	201	111	502 5	249/153 96	90	930	392 5	#138/42 96	
				240				239	
4.	146	923	447 5	152/140 12	5	348	306 5	11/25 12	
				252				251 ✓	
B.M. 60-37								252 ✓	B.M. 60-37
	644	168 ✓			288	414 ✓		503 ✓	U.S.C.&G.S. K-53 (RESET)
	288	414 ✓							SAN FERNANDO RD.
	+355	754 ✓							& 8TH ST. S.E. COR.
									SEE F.B. 2839-28

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY GOODWIN DATE 11-9-66 TIME 10:15 TO 11:10 ROD NO. 9519
INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 23 '66
F.B. 2839 PG. 217

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											From B.M. 60-38 To B.M. 60-39
B.M. 60-38	23					432 22					B.M. 60-38 (U.S.C.&G.S. 49 CHC)
1.	108	604	409	5	148/68 80	298	972	599	5	½ 298/258 80	SAN FERNANDO RD.
											R.R. & 12TH ST.
2.	10	411	311	5	½ 53/10 86	294	502	595	5	½ 294/260 68	SEE F.B. 2839-29
					146					148	
3.	40	972	341	5	½ 69/40 58	269	251	570	5	½ 269/271 76	
					224	282				224	π = WILKS
4.	6	570	307	5	½ 72/6 130	~~251~~	405	583	5	½ 282/215 134	
					354					358	
5.	9	640	310	5	½ 61/9 104	241	177	542	5	293/189 104	
					460					462	
6.	122	302	423	5	161/83 78	197	324	498	5	235/160 75	
					538					537	
BM 60-39										538	BM 60-39 (USC&GS Q-370)
	298	474				1583	631			1075	SAN FERNANDO RD & LA PLACERITA CREEK
						298	474				SEE F.B. 2839-30
						1285	157				

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 Pg. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOODWIN (11-10-61)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 9676

TIME 10:45 Tollis ROD NO. 9619

NOTES CHKD DATE NOV 23 '61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM BM 60-39 TO BM 60-38
BM 60-39											BM 60-39 (USC&GS Q-370)
1	194	968	495	5	235/155 82	126	720	427	5	167/85 82	SAN FERNANDO RD. & LA PLACERITA CREEK
											SEE F.B. 2839-30
2	260	068	561	5	½ 260/212 96	31	000	332	5	½ 78/31 94	
					178					176	
3	230	652	531	5	267/194 73	91	687	392	5	127/55 72	
					251					248	
4	232	127	533	5	273/191 82	48	466	349	5	90/6 84	
					333					332	
5	259	260	560	5	294/224 70	5	652	306	5	½ 35/5 60	
					403					392	
6	300	592	601	5	½ 300/261 78	21	867	322	5	½ 64/21 86	
					481					478	
7	292	377	593	5	½ 292/263 62	159	650	460	5	189/129 60	
					543 ✓					538 ✓	
BM 60-38										543	BM 60-38 (USC&GS 49 CHC)
	1770	044	✓			485	042	✓		1081	SAN FERNANDO RD & 12TH ST.
	485	042	✓								SEE F.B. 2839-29
	+ 1285	002	✓								

76P526 CE # 308 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
603 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. E. DREELER WEATHER CLEAR INST. NO. 9476
NOTES BY W. H. G. J. GALLI DATE 11-9-66 TIME 11:15-11:40 ROD NO. 2019
INDEXED DATE NOTES CHKD DATE NOV 23 '66
F.B. 2839 PG. 219

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 60-39 TO BM 60-40
BM 60-39	3	22				3	21				BM 60-39 USC&GS Q-370
1	38	039	339	5	½ 38 / 81 / 86	274	478	575	5	½ 227 / 274 / 94 / 92	SAN FERNANDO RD & LA PLACERITA CREEK
											SEE F.B. 2839-30
2	38	585	339	5	½ 38 / 86 / 96	284	193	585	5	½ 239 / 284 / 90	
3	86	712	387	5	42 / 130 / 182 / 88	241	339	542	5	197 / 285 / 184 / 88	
4	89	193	390	5	39 / 139 / 270 / 100	187	324	488	5	138 / 336 / 272 / 98	
5	130	029	431	5	115 / 145 / 370 / 30	146	082	447	5	131 / 161 / 370 / 30	
					400 ✓					400 ✓	
BM 60-40										400	BM 60-40
	382	558 ✓				1133	416 ✓			800	SAN FERNANDO RD. 0.8 M. S OF
						382	558 ✓				SPRC STATION AT SAUGUS
					-	750	858 ✓				SEE F.B. 2839-31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear INST. NO. 96714
TIME 10:15 - 10:40 ROD NO. 984
NOTES CHKD [illegible] DATE NOV 23 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-40 TO BM 60-39
BM 60-40		122 11			77						9		BM 60-40
1	120	133	421	5	163	86	57	878	358	5	105	96	SAN FERNANDO RD. 0.8 MI. S. SPRR
					1/2 233						48		STATION AT SAUGUS
2	275	506	576	5	275	84	84	684	385	5	121	73	SEE F.B. 2839-31
					174	170					51	169	
3	215	753	516	5	256	82	92	218	393	5	132	81	
					189	252					18	250	
4	226	474	527	5	263	74	57	209	358	5	95	77	
					216	326	49				9	327	
5	254	411	555	5	292	76	56	914	350	5	89	80	
						402 ✓						407 ✓	
BM 60-39												402 ✓	BM 60-39 (USC&GS Q370)
	1092	277 ✓					341	903 ✓				809	SAN FERNANDO RD. & LA PLACERITA CREEK
	341	903 ✓											SEE F.B. 2839-30
+	750	374 ✓											

F.B. 2839 Pg. 220 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY G.E.D. NOTES D.G.W.

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY Wilks
DATE 11-14-66
WEATHER Part cloudy
INST. NO. 296716
TIME 2:00 - 2:20
ROD NO. 9819
INDEXED
DATE
NOTES CHKD. [illegible]
DATE NOV 23 '68
F.B. 2 839 PG. 22

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 60-39 TO B.M. 60-40
B.M. 60-39									B.M. 60-39 (U.S.C.&G.S. Q 370)
1	21	800	322 5	½ 70 / 21 / 98	273	379	574 5	½ 273 / 225 / 96	SAN FERNANDO RD. & PLACERITA CR.
									SEE F.B. 2839-30
2	16	855	317 5	½ 16 / 69 / 102 / 4 / 204	277	465	578 5	½ 223 / 277 / 108 / 170 / 324	DREIER
3	53	936	354 5	102 / 98 / 302	219	961	520 5	368 / 98 / 300	
4	91	445	392 5	42 / 140 / 98 / 400	163	900	464 5	114 / 212 / 98 / 400	
BM 60-40								400	BM 60-40
	184	036			934	705		800	SAN FERNANDO RD. 0.8 M S SPRR
					184	036			STATION AT SAUGUS
					750	669			SEE F.B. 2839-31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 Pg. 222 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES WILKS

INDEXED C. J. Gill DATE

WEATHER Clear INST. NO. 96716

TIME 2:25 ROD NO. 9819

NOTES CHKD DATE NOV 23 '68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 60-40 TO BM 60-39
BM 60-40					121						47		BM 60-40
1	170	140	471	5	219	98	96	851	397	5	145	98	SAN FERNANDO RD. 0.8 M S SPRR
					½ 242						6		STATION AT SAUGUS
2	295	500	596	5	295	106	59	820	360	5	112	106	SEE F.B. 2839-31
					165	204					½ 44	204	
3	213	480	514	5	261	96	44	093	345	5	91	94	
					½ 239	300					½ 19	298	
4	291	765	592	5	291	184	19	369	320	5	72	106	
						404						404 ✓	
BM 60-39												404 ✓	BM 60-39 USC&GS Q. 370
	970	885	✓				220	133	✓			808 ✓	
	220	133	✓										
+	750	752	✓										

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716

NOTES BY WILKS DATE 11-9-66 TIME 11:45-12:00-1:30-1:45 ROD NO. 9819

INDEXED G.J. GALLI DATE NOTES CHKD DATE NOV 23 '68

F.B. 2839 PG. 223

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 60-40 TO BM 60-41
BM 60-40		32		115					142		BM 60-40
1	156	879	457.5	197	82	184	362	485.5	225	83	SAN FERNANDO RD. 0.8 MI. S. SPRR
				100					190		STATION AT SAUGUS.
2	148	122	449.5	196	96	234	927	535.5	278	88	SEE F.B. 2839-31
				58	178				147	171	
3	105	374	406.5	152	94	197	092	498.5	247	100	
				64	272				150	271	
4	104	543	405.5	144	80	191	646	492.5	231	81	
				23	352				½ 225	352	
5	69	333	370.5	115	92	270	888	571.5	270	90	
				94	444					442	
6	105	576	406.5	116	22	235	041	536.5	224	32	
									246	464	
BM 60-41					466					466	BM 60-41 (U.S.C.&G.S. R 370)
						1313956				930	SAN FERNANDO RD. 0.3 MI. S. SPRR
	689	827				689 827					STATION AT SAUGUS
						624 129					SEE F.B. 2839-32

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 2839 Pg. 224 JOB NO. 030102

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES D.L.W. (11-10-66)

INDEXED [redacted] DATE

WEATHER CLEAR INST. NO. 96716

TIME 9:45 - 10:10 ROD NO. 9419

NOTES CHKD [redacted] DATE NOV 23 '66

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 60-41 TO BM 60-40
BM 60-41	122	13		½ 274	322	42		½ 25	BM 60-41 (U.S.C.&G.S. R 370)
1	301	098	602.5	301 / 152	25	545	326.5	54 / 47	60'± W SAN FERNANDO RD. 0.3 MI. S OF SPRR STATION AT SAUGUS
2	195	015	496.5	238 / 162	90	696 / ~~80 659~~	341.5 / ~~381.5~~	133 / 80	SEE F.B. 2839-32 [redacted]
3	208	627	509.5	254 / 159	125	381	426.5	170 / 25	
4	205	280	506.5	251 / 106	70	024	371.5	115 / 140	
5	138	848	439.5	170 / 102	173	392	474.5	206 / 43	
6	130	226	431.5	157	69 / ~~64~~	677	370.5	96	
BM 60-40	1179	094	✓		554	715	✓		BM 60-40
	554	715	✓						SAN FERNANDO RD. 0.8 MI. S. SPRR STATION AT SAUGUS
+	624	379	✓						SEE F.B. 2839-31

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER WEATHER CLEAR INST. NO. 94716
NOTES BY GOODWIN DATE 11-9-66 TIME 1:45 TO 2:05 ROD NO. 7946
INDEXED C. J. GAUM DATE NOTES CHKD DATE NOV 23 '66
F.B. 2839 PG. 22

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 60-41 TO BM 60-42
B.M. 60-41									BM 60-41 (U.S.C.&G.S. R370)
1.	175	510	476	5 222/128 94	188	413	489	5 236/140 96	60'± W SAN FERNANDO RD. 0.3 MI.
									S. FROM SPRR STATION AT SAUGUS
2.	216	918	517	5 267/166 101	190	080	491	5 241/140 101	SEE F.B. 2839-32
				195				197	
3.	113	303	414	5 149/77 72	174	508	475	5 209/139 70	
				267 ✓	✓			267 ✓	⊼ = WILKS
B.M. 60-42									✓
								267	B.M. 60-42 (U.S.C.&G.S. 1171)
	505	731 ✓			553	001 ✓		634	SAUGUS IN SP.RR STATION YARD
					505	731 ✓			SEE F.B. 2839-33
					-47	270 ✓			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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WEATHER CLEAR INST. NO. 96716
TIME 9:20 TO 9:40 ROD NO. 9619
NOTES CHKD DATE NOV 23 '66

SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY DEEER NOTES GOODWIN 11-18-66
INDEXED C. J. BALLI DATE

F.B. 2839 PG. 226 JOB NO. 0301.02

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 60-42 TO B.M. 60-41
B.M. 60-42													B.M. 60-42 (U.S.G.S. 1171)
1.	201	510	502	5	254/149	105	102	247	403	5	154/49	105	SAUGUS, IN S.P.R.R.
													STATION YARD.
2.	206	078	507	5	260/151	109	250	705	551	5	305/195	110	SEE F.B. 2839-33
						214						215	
3.	201	578	502	5	227/174	53	208	608	509	5	134/182	52	
						267						267	
B.M. 60-41													
												267	B.M. 66-41 (U.S.C.&G.S. R370)
	609	166					561	560				534	SAN FERNANDO RD 0.3 mi
	561	560					~~609~~	~~166~~					S. OF SAUGUS STATION
	+47	606					~~492~~	~~394~~					SEE F.B. 2839-32
							~~51~~	~~394~~					

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line. RERUN

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 60-41 TO BM. 60-42
B.M. 60-41									B.M. 60-41 U.S.C.&G.S. R 370
1	156	715	457 5	205 107 98	167	475	468 5	216 118 98	SAN FERNANDO RD. 0.3 MI. S. OF SAUGUS
									SEE F.B. 2839-32
2	218	820	519 5	272 164 108 206	189	610	490 5	243 135 108 206	
									⊼ WILKS
3	112	999	413 5	142 82 60 266	178	922	479 5	209 148 61 267	
B.M. 60-42								266	B.M. 60-42 (U.S.G.S. 1171)
	488	534 ✓			536	007 ✓		533	AT SAUGUS STATION
					488	534 ✓			SEE F.B. 2839-32
					47	473 ✓			

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER

INDEXED C.J. CAIN

DATE 11-15-66

DATE

WEATHER HAZE

TIME 9:20 TO 9:40

NOTES CHKD. W.F.

INST. NO. 94216

ROD NO. 2812

DATE NOV 23 '66

F.B. 2839 PG. 227

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

RERUN

F.B. 2839 PG. 228 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY G. DREIER NOTES DREIER 11-15-66

INDEXED C. J. DALL DATE

WEATHER HAZE INST. NO. 96716

TIME 9:40 TO 9:50 ROD NO. 9819

NOTES CHKD. DATE NOV 23 '66

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 60-42 TO BM 60-41
BM 60-42													BM 60-42 (U.S.C.&G.S. 1171)
1	200	800	501	5	245 155	90	117	680	418	5	162 72	90	SAUGUS STATION
													SEE F.B. 2839-33
2	190	155	491	5	238 141	97 187	218	420	519	5	267 176	97 187	
													T WILKS
3	160	812	461	5	200 121	79 266	167	999	468	5	207 127	80 267 266	
BM 60-41													BM 60-41 (U.S.C.&G.S. R370)
	551	767	✓				504	099	✓			533	0.3 MI. S. OF SAUGUS STATION
	504	099	✓										SEE F.B. 2839-32
+	47	668	✓										

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY GEO. DREIER
NOTES BY G. J. GALLI DATE 11-9-66
INDEXED DATE
WEATHER CLEAR INST. NO. 26716
TIME 2:10 TO 2:25 ROD NO. 9619
NOTES CHKD DATE NOV 23 '68
F.B. 2839 Pg. 229

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 60-42 TO B.M. 60-43A
B.M. 60-42	2		3								B.M. 60-42 (USGS 1171)
1.	88	920	384	5	144/20 124	189	712	490	5	251/125 126	[redacted] ~~BOUQUET CN. RD. 0.6 MI.~~ ~~NO.~~ SAUGUS, IN S.P.R.R. STA. YARD. SEE F.B. 2839-33
2.	115	446	416	5	161/69 92 216	232	268	533	5	278/186 92 218	
3.	88	280	389	5	165/51 114 330	257	700	558	5	1/2 257/201 112 330	
4.	106	716	407	5	156/56 100 430	195	800	496	5	245/145 100 430	
5.	154	790	458	5	164/144 20 450	152	672	453	5	161/143 18 448	
B.M. 60-43A	548	152				1028	152				450 B.M. 60-43A (U.S.C.&G.S. C 1148)
						548	152				898 BOUQUET CN. RD., S.P.R.R. 0.5 MI. N. OF SAUGUS
						480	000				SEE F.B. 3719-195

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96816 ROD NO. 9619

WEATHER CLEAR TIME 2:40 TO NOTES CHKD DATE

JOB NO. 0301.02 NOTES GOODWIN (11-9-66) DATE

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER INDEXED C. J. GALL

F.B. 2839 PG. 230

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 60-43A TO B.M. 60-42
B.M. 60-43A													B.M. 60-43A (U.S.C.&G.S. C 1148)
1.	123	558	474	5	173/116	114	97	900	498	5	154/40	114	BOUQUET CN RD 0.5 MI. N. OF SAUGUS
													SEE F.B. 3719-196
2.	225	572	526	5	275/175	100	58	588	359	5	109/8	101	
						214						215	
3.	214	185	515	5	265/163	102	88	275	389	5	~~384~~ 37 139	102	
						316						317	
4.	182	021	483	5	249/115	134	70	460	371	5	136/70	136	
						450						453	
												450	
B.M. 60-42													B.M. 60-42 (U.S.G.S. 1171)
	875	276					315	223				903	AT SAUGUS R.R. STATION
	315	223											SEE F.B. 2839-33
+	480	053											

76P626 CE # 308 9-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineer Building

NOTE: ADDITIONS OR CHANGES ON THIS 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 GEO. DREIER WEATHER CLEAR INST. NO. 28716

NOTES BY GOODWIN DATE 11-9-66 TIME 2:30 TO 2:33 ROD NO. 9519

INDEXED G. J. GALLI DATE NOTES CHKD DATE NOV 23 '68

F.B. 2839 Pg. 231

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 60-43A TO B.M. 60-43
B.M. 60-43A									B.M. 60-43A (U.S.C.&G.S. C 1148)
									BOUQUET CN. RD, 0.5 MI. N. OF SAUGUS
1.	144	755	445 5	159 / 129 30	103	073	404 5	117 / 89 31	SEE F.B. 3219-195
B.M. 60-43								30	B.M. 60-43 (U.S.C.&G.S. X 898)
	144	755	✓		103	073	✓	61	BOUQUET CN. RD 0.5 MI. N. OF SAUGUS
	103	073	✓						SEE F.B. 2839-34
	+41	682	✓						

F.B. 2839 Pg. 232 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES GOODWIN (11-9-66)

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 2:35 TO 4:37 ROD NO. 9819

NOTES CHKD [illegible] DATE

LOS ANG[illegible]

#03 Los [illegible]

[redacted]

[redacted] 43A

B.M. 60-43 B.M. 60-43 (U.S.C. & G.S. C 1148)

1.	98	444	399	5	113/84	29	140	077	441	5	134/125	29	✓ BOUQUET CN. RD. 0.5 MI. N. OF SAUGUS SEE F.B. 2839-34
B.M. 60-43A	98	444 ✓					140	077 ✓				29	✓ B.M. 60-43A (U.S.C. & G.S. C 1148)
							98	444 ✓				58	BOUQUET CN. RD. 0.5 MI. N. OF SAUGUS SEE F.B. 3719-195
							-41	633 ✓					