F.B. 2478 PG. 5

SURVEY OF L. A. CO. PRECISE LEVEL NET

DREIER — WEATHER — INST. NO.

DATE MAY JUNE JULY 1969 TIME — ROD NO.

CALLI — DATE — NOTES CHKD — DATE

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO 201, BM201-102 TO BM.201-31

CONTINUED FROM F.B. 2475

1969 [illegible] IN [illegible]ATIONS

DREIER
MALDONADO
SIEMANN
STROUD
McKNIGHT

FROM	TO	STADIA	LEFT.	MIC.	RIGHT	STADIA	LEFT.	MIC.	RIGHT

Microfilmed Feb 86

F.B. 2478 Pg. 6 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIFUS NOTES 1969

INDEXED DATE

WEATHER INST. NO.

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 ____
CONT. FROM F.B. 2475									

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. DREIER
NOTES BY J. STROUD DATE 6-2-9
INDEXED DULOULI DATE SEP 1 '[illegible]
WEATHER CLEAR 68° 85°
TIME 09 30
NOTES CHKD [illegible] DATE [illegible]
F.B. 2478 PG. 7
INST. NO. 96713
ROD NO. 95896

STATION	NEAR ~~BACKSIGHT~~ RIGHT	MIC.	LEFT.	STADIA	FAR ~~FORESIGHT~~ RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF 'C'					
1	159	268	460 5	161 157 4	191	408	492	218 164 218 164 54	54M - 4M = 50M = 0.20 mm
2	151	710	452 5	153 149 4	119	631	421	146 92 146 92 54	54M - 4M = 50M = 0.20 MM
				8				108	0.40
								8	
	310	978			311	039		100	
						040			
					310	999			
					310	978			
						021			

100 | 0.21 → .002 MM = C

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	150	164	451 5	152 148 4	156	641	457 5	183 129 54	54 M. - 4 M = 50 M. = 0.2 MM
2	150	023	451 5	152 148 4	143	664	444 5	170 116 54	54 M. - 4 M = 50 M = 0.2 MM
	300	187		8	300	305		108	CUR. CORR = 0.4 M.M.
						.040		8	
					300	265		100	
					300	187			
						.078			
						.0078	M.M = "C"		
					100	0.78			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-3-69

WEATHER OVERCAST INST. NO. 96716

TIME 9:45 TO 9:50 ROD NO. 95896

T = 62°

F.B. 2478 PG. 9

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 T. 78°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY SIEMANN DATE 6-4-69 TIME 2:30 TO ROD NO. 95896
INDEXED D.J. CALLI DATE SEP 1 1969 NOTES CHKD. [illegible] DATE
F.B. 2478 PG. 11

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	146	658	447.5	148 / 144.4	25	532	326.5	153 / 225.56	56 M. - 4 M. = 52 M. = 0.2 M.M.
2	167	398	468.5	169 / 165.4	288	468	589.5	288 / 260 56	56 M. - 4 M. = 52 M. = 0.2 M.M.
	314	056		.8	314	000		112	CUR. CORR. = 0.4 M.M.
	313	960				040		8	
		096			313	960		104	

.009 M.M. = "C"
104) 096

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 T: 60°
SURVEY BY G.E. DREIER WEATHER OVERCAST INST. NO. 96716
NOTES BY SIEMANN DATE 6-5-69 TIME 9:05 TO 9:15 ROD NO. 95896
INDEXED D. ILGALLI DATE SEP 1969 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 PG. 13

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	181	143	482.5	183 / 179 4	132	002	433.5	159 / 105 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	141	047	442.5	143 / 139 4	190	261	491.5	217 / 163 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	322	190		8	322	263		108	CUR. CORR. 0.4 M.M.
						-040		-8	
					322	223		100	
					322	190			
						033			
						-.003 M.M. = "C"			
					100	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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 82°
SURVEY BY G. E. DREIER
NOTES BY SIEMANN DATE 6-27-69 WEATHER HAZY, WINDY INST. NO 96716
INDEXED G. L. GALLI DATE SEP 1 '69 TIME 1:15 TO 1:25 ROD NO 95 & 96
NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 15

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	157	~~455~~ 373	458 5	459 ~~456~~ 4	15	931	316.5	142 ~~215~~ 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	153	669	454 5	155 ~~151~~ 4	295	074	596.5	295 ~~268~~ 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	311	042		8	311	005		108	CUR. CORR. = 0.4 M.M.
	310	965				-040		8	
		077			310	965		100	

+.0077 M.M. = "C"
100)0.77

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 NEAR Rod				FORESIGHT Far Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	145	809	446.5	147 / 143.4	33	152	334.5	60 / 6 54	54 Mtrs (-) 4 Mtrs. = 50 Mtrs. = 0.2 MM
2	172	348	473.5	174 / 170.4 / 8	284	910	585.5	284½ / 257½ 54 / 108 / 8 / 100	" (-) 4 " = " = 0.2 MM
	318	157			318	062			Curv. Corr. = = 0.4 MM
	318	022				040			
		135 MM			318	022			

.013 M.M. = "C"

100) 1350
100
350
300
50

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

SURVEY BY G.E. Dreier WEATHER Sunny & Clear INST. NO. 96716

NOTES BY J. Maldonado DATE 6-30-69 TIME 9:05 ROD NO. 95496

INDEXED D. L. GALLI DATE SEP 8 '69 NOTES CHKD. [illegible] DATE

T-90°

F.B. 2478 PG. 17

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	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of "C"								
1	140	019	441.5	142 / 138 4	69	380	370.5	97 / 41 56	56 Mtrs. (-) 4 Mtrs. = 52 Mtrs. = 0.2 MM
2	160	943	461.5	162 / 158 4 / 8	231	437	532.5	259 / 203 56	56 " (-) 4 " 52 " = 0.2 MM
								112 / 8 / 104	Curv. Corr. = 0.4 MM
	300	962			300	817			
	300	777				040			
		185			300	777			

.0179 MM = "C"
104) 18500
104
810
728
820
~~830~~
728
2

JOB NO. 0301.02 SURVEY OF L.A. CO, PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-1-69
INDEXED [illegible] DATE [illegible]
WEATHER Sunny & No Wind
TIME 10:00
NOTES CHKD [illegible] DATE
T = 94°
INST. NO. 96716
ROD NO. 95796
F.B. 2478 Pg. 19

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	151	757	452 5	153 149 4	122	887	423 5	149 95 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	196	631	497 5	198 194 4	225	395	526 5	252 198 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	348	388		8	348	282		108	CUR. CORR. = 0.4 M.M.
	348	242			-	040		8	
		146			348	242		100	

+ .0146 M.M. = "C"
100)146

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 94°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 7-2-69 TIME 9:15 TO 9:25 ROD NO. 95892
INDEXED D.L. CALLI DATE 7 3 69 NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 20

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 Maldonado DATE 7-3-69
INDEXED D. L. GALLI DATE
NOTES CHKD. [illegible] DATE
F.B. 2478 Pg. 23
T-96° No wind
WEATHER Sunny & Clear
INST. NO. 96716
TIME 9:05
ROD NO. [illegible]

STATION	Near BACKSIGHT Rod RIGHT	MIC.	LEFT.	STADIA	Far FORESIGHT Rod RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	Determination of "C"								
1	150	360	451 5	152 / 148 4	69 / ~~70~~	870	370 5	96 / 42 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.2 MM
2	161	610	462 5	163 / 159 4 / 8	241	957	542 5	268 / 214 54 / 108 / 8 / 100	54 " (-) 4 " = 50 " = 0.2 MM Curv. Corr = 0.4 MM
	311	970			311	827			
						040			
	311	~~8~~ 7 87			311	~~8~~ 7 87			
		~~0~~ 83							

+ .0~~08~~ 18 MM = "C"
100) 0.830
800
30

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	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	155	371	456.5	157 153 4	296	128	597.5	296 269 54	54 M. - 4 M. = 50 M. = 0.2 MM.
2	168 ~~115~~	321 ~~142~~	469.5 ~~416.5~~	170 ~~166~~ 113 4	27	611	328.5	54 0 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	~~270~~	~~513~~		8	323	739		108	0.4
	323	692				-040		8	
					323	699		100	
					323	692			
						007			
						-0.007 MM. = "C"			
					100)	0.07			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-7-69

INDEXED D. CALLI DATE SEP 1 69

WEATHER LT. BREEZE INST. NO. 96716

TIME 11:55 TO 12:05 ROD NO. 95896

NOTES CHKD. [illegible] DATE

T = 70'

F.B. 2478 PG. 25

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	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM _____ TO _____
	DETERMINATION OF "C"								
1	154.799	455.5	156 / 152	4	230.247	531.5	257 / 203	54	54 m. (-14 m = 50 m = 0.2 mm
2	140.314	441.5	142 / 138	4	64.820	365.5	91 / 37	54 / 108	54 m (-4) m = 50 m = 0.2 mm
				8				-8	CUR. COR 0.4 mm
	295.113				295.067			100 MTRS.	
	295.027				-0.40				
	+ 0.086 mm				295.027				
									⊼ MALDONADO
	+ 0.008 mm = "C"								
	100) 0.860								

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. DREIER
NOTES BY R. ANDERSON DATE 7/8/69
INDEXED [illegible] DATE [illegible]
WEATHER CLEAR & CALM INST. NO. 96716
TIME 9:25 A.M. ROD NO. 95596
NOTES CHKD. [illegible] DATE [illegible]

T = 840

F.B. 2478 PG. 27

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	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"							
	85 963	386 5	87 83				296	
1	~~93 533~~	~~394 5~~		4	296 929	597 5	269 (1/2) 54	54 M(-) 4 M = 50 M = 0.2 mm
			223				37	
2	221 775	522 5	219	4	10 951	311 5	10 (1/2) 54	54 M(-) 4 M = 50 M = 0.2 mm
				8			108	Cur. Cor. = 0.4 mm
	307 738				307880		-8	
					-040		100 mtrs	
					307840			
					307 738			
					-01.02 mm			

T SIEMANN

+ 0.010 mm = "C"
100) 01.020
100
20

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. DREIER
NOTES BY R. ANDERSON DATE 7/9/69
INSPECTED C. L. GALLI DATE
WEATHER CLEAR & LT. WIND INST. NO. 9674
TIME 9:30 A.M. ROD NO. 95 & 96
NOTES CHKD. [illegible] DATE

T = 76°

F.B. 2478 Pg. 29

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 T = 90°
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 7-10-69
INDEXED D.L. GALLI DATE
WEATHER WINDY INST. NO. 96716
TIME 2:15 TO 2:30 ROD NO. 95496
NOTES CHKD. [illegible] DATE
F.B. 2478 PG. 31

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	137	561	438 5	139 135 4	109	472	410 5	136 82 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	131	348	432 5	133 129 4	159	350	460 5	186 132 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
	268	909		8	268	822		108	CUR. CORR. 04 M.M.
	268	782			-	040		8	
		127			268	782		100	

+0.013 M.M. = "C"
100)127

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
					DETERMINATION OF "C"				
1	154	303	455 5	156 152 4	269	509	570 5	296 242 54	54 M. - 4 M. = 50 M. = 02 MM
2	136	430	437 5	138 134 4	21	345	322 5	148 221 54	54 M. - 4 M. = 50 M. = 02 MM
	290	733		8	290	854		108	CUR. CORR. = 04 M.M.
						040		8	
					290	814		100	
					290	733			
						081			
						− .008 M.M. = "C"			
					100	081			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=86
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 7-11-69 TIME 11:45 to 12:00 ROD NO. 75296
INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 33

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	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	135	615	436 5	137 / 133 4	20	456	321 5	47 / 20 54	54 M. - 4 M. = 50 M. = 02 M.M.
2	153	301	454 5	155 / 151 4	268	480	569 5	295 / 241 54	54 M. - 4 M. = 50 M. = 02 M.M.
	288	916		8	288	936		108	CUR. CORR = 04 M.M.
	288	896			-	040		8	
		020			288	896		100	
	+ .002 / 100 | 0.20		M. M. = "C"						

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-14-69

INDEXED D. LONTI DATE [illegible]

WEATHER CLEAR

TIME 10:30 TO 10:40

NOTES CHKD [illegible] DATE

INST. NO. 25[illegible]

ROD NO. 95696

T = 90°

F.B. 2478 Pg. 35

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 T = 92°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 25-[illegible]
NOTES BY SIEMANN DATE 7-15-69 TIME 10:20 TO 10:30 ROD NO. 95896
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]
F.B. 2478 PG. 37

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	145	451	446 5	147 / 143 4	104	780	405 5	131 / 77 54	54 M. - 4 M. = 50 M. = 0.2 M.M.
2	149	794	450 5	151 / 147 4	190	243	491 5	212 / 163 54	54 M. - 4 M. = 50 M. = 02 M.M.
	295	245		8	295	023		108	CUR. CORR. = 04 M.M.
	294	983			-	040		8	
		262			294	983		100	

+ .026 M.M. = "C"
100)262

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

DETERMINATION OF "C"

1	134	987	435 5	136 132 4	158	905	459 5	185 131 54	54M - 4M = 50M = 0.2 M.M.
2	146	645	447 5	148 144 4	122	735	423 5	149 95 54	54M - 4M = 50M = 0.2 M.M.
	281	632		8	281	640		108	CUR. CORR. 0.4 M.M.
	281	600			-	040		8	
		032 MM			281	600		100	

+ 0.003 MM = "C"
100) 0320
300
20

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=
SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 25425
NOTES BY SIEMANN DATE 7-16-69 TIME 1:50 ROD NO. 25296
INDEXED D.J. CALLI DATE 8 5 69 NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 39

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 Maldonado DATE 7-18-69 WEATHER Sunny & Breezy INST. NO. 75-[illegible]

NOTES BY [illegible] DATE [illegible] TIME 11:20 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE [illegible]

T-90°

F.B. 2478 Pg. 46

STATION	BACKSIGHT Near Rod				FORESIGHT Far Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			Determination of "C"						
1	133	300	434.5	135 / 131 / 4	96	749	397.5	123 / 69 / 54	54 M(-) 4 M = 50 M = 0.2 MM
2	161	685	462.5	163 / 159 / 4	198	170	499.5	225 / 171 / 54	54 M(-) 4 M = 50 M = 0.2 MM
				8				108 / 8 / 100	Curv. Corr. = 0.4 MM
	294	985			294	919			
	294	879			-	040			
		106			294	879			

0.010 MM = "C"

100) 1.060

100

60

76P526 CE # 308 3-65

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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	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of C					
1	126	940	427 5	128 / 124 4	262	970	563 5	289 / 235 54	54 M (-) 4M = 50 M = 0.2 MM
2	165 / ~~164~~	000	466 5	167 / 163 4	28	978	329 5	55 / 28½ 54	54 M (-) 4M = 50 M = 0.2 MM
				8				108 / 8 / 100	Curv. Corr. 0.4 MM
	291	940			291	948			
	291	908				040			
		032 MM			291	908			

+ 0.003 MM = "C"
100) 0.320

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

SURVEY BY G. E. DREIER

NOTES BY Maldonado DATE 7-22-69

WEATHER LT. BREEZE INST. NO. 25-[illegible]

TIME 10:50 ROD NO. 95-476

T = 90°

F.B. 2478 PG. 43

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	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	169	900	470 5	171 / 167 4	247	530	548 5	273 / 221 52	52M − 4M = 48M = 0.2 MM
2	159	189	460 5	161 / 157 4	81	559	382 5	107 / 55 52	52M − 4M = 48M = 0.2 MM
				8				104	
	329	089			329	089		8	Curv. Corr. = 0.4 MM
	329	049			−	040		96	
		040 MM			329	049			

+ .004 MM = "C"

~~100~~ 96) 0.400
384
26

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-23-69 WEATHER Sunny & Light Breeze INST. NO. 95796

TIME 9:50 to 9:55 ROD NO.

NOTES CHKD. DATE

T-84°

F.B. 2478 Pg. 45

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 Maldonado DATE 7-24-69

INSPECTED [illegible] DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 96716

TIME 9:25 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 47

T-82°

STATION	Near BACKSIGHT Rod				Far FORESIGHT Rod				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of "C"								
1	162	513	463 5	164 / 160 4	142	419	443 5	169 / 115 54	54M (-) 4M = 50M = 0.2 MM
2	161	331	462 5	163 / 159 4	181	251	482 5	208 / 154 54	54M (-) 4M = 50M = 0.2 MM
				8				108	
								8	Curv. Corr. = 0.4 MM
	323	844			323	670		100	
	323	630				040			
		2.14 MM			323	630			

+ 0.02 MM = "C"

100) 2.14

200

14

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 DATE 7-25-69 WEATHER WINDY 92° INST. NO. 26716
NOTES BY G.E. DREIER TIME 1:00 ROD NO. 25 & 26
INDEXED BY [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]
F.B. 2478 Pg. 49

STATION	BACKSIGHT (NEAR) Right	Mic.	Left	Stadia	FORESIGHT (FAR) Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS (From ___ To ___)
	DETERMINATION OF "C"								
1	155	530	456	5	178	350	479	5	54 m − 4 m = 50 m = 0.20 mm
				157 / 153 4				205 / 151 54	
2	155	940	456	5	133	136	434	5	54 m − 4 m = 50 m = 0.20 mm
				157 / 153 4				160 / 106 54	
				8				108	
								8	
	311	470			311	486			CURVE CORR. = 0.40 mm
						040		100	
	311	446			311	446			
		024							
		0.002 mm = "C"							
	100 / 0.24								

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

NOTES BY G.E. DREIER DATE 7-28-69

INDEXED C.J. GALLI DATE

WEATHER 95° LT WIND

TIME 10:00

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95896

F.B. 2478 PG. 51

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	151	267	452 5	153 149 4	57	345	358 5	84 30 54	54m - 4 m = 50m = 0.20mm
2	166	946	467 5	168 164 4 8	260	710	561 5	287 233 54 108 8	54m - 4 m = 50m = 0.20mm
	318	213			318	055		100	CURVE. CORR. 0.40 mm
	318	015				040			
		198			318	015			

+0.020 mm = "C"

100 / 198 mm

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 G.E. DREIER DATE 8-23-69
WEATHER Hazy Sun INST. NO. 96716
TIME 9:45 TO 10:05 ROD NO. 95 & 96
63°
F.B. 2478 Pg. 53

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-102 TO 201-101
BM.201-102									B.M. 201-102
1	282	478	583 5	282 ½ 248 68	10	588	311 5	½ 44 210 68	SIERRA HWY AT CULVERT 43.57
									SEE F.B. 2846-78
2	295	258	596 5	295 ½ 264 62 130	8	851	309 5	½ 40 8 64 132	
3	260	623	561 5	288 232 56 186	97	071	398 5	124 70 54 186	
4	195	475	496 5	217 172 45 231 ✓	120	404	421 5	143 97 46 232 ✓	π D. FOULGER
								231 ✓	
	1033	834 ✓			236	914 ✓		463	
B.M.201-101	236	914 ✓							B.M. 201-102
	+ 796	920 ✓							SIERRA HWY AT CULVERT 43.28
									SEE F.B. 2846-77

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-101 TO 201-102
B.M. 201-101									B.M. 201-101
1	105	878	406 5	134 76 58	215	108	516 5	244 186 58	SIERRA HWY AT CULVERT 43.28
									SEE F.B. 2846-77
2	71	820	372 5	107 41 60 118	276	473	577 5	307 245 62 120	
3	35	538	336 5	64 6 58 176	298	769	599 5	298 260 76 196	
4	6	836	~~[illegible]~~ 307 5	33 6 54 230	~~221~~	~~152~~	~~522 5~~	~~240 202 38 234~~	⊼ G.E. DREIER
					226	810	527 5	245 207 38 234 230 464	
B.M. 201-102	220	072			1017	160			
					220	072			B.M. 201-102
					797	088			SIERRA HWY & CULVERT 43.57
									SEE F.B. 2846-78

F.B. 2478 Pg. 54

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-28-69

INDEXED [illegible] DATE

JOB NO. 0301.02

78°

WEATHER CLEAR

TIME 9:15

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 95 & 96

DATE [illegible]

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 201-101 TO 201-100A
B.M. 201-101									B.M. 201-101
1	240	906	541 5	274 206 68	32	522	333 5	65 -1 66	SIERRA HWY AT CULVERT 43.28
									SEE F.B. 2846-77
2	265	257	566 5	298 232 66	15	761	316 5	1 49 2 15 68	
				134				134	
3	226	376	527 5	252 200 52	64	560	365 5	89 38 51	
				186				185	
4	218	737	519 5	238 199 39	47	173	348 5	67 27 40	
				225				225	
								225	
B.M. 201-100A	951	276			160	016		450	B.M. 201-100A (F.C. 145-02390)
	-160	016							Sierra Hwy., at culvert B151.9
	+791	260							See F.B. 2846.76

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 63°

SURVEY BY G.E. DREIER

NOTES BY

DATE 5-23-69

WEATHER HAZY SUN

INST. NO. 96716

TIME 10:05 to 10:25

ROD NO. 95896

INDEXED D.J. GALLI

DATE SEP 3 '69

NOTES CHKD. [illegible]

DATE [illegible]

F.B. 2478 PG. 55

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.

T = 80°

WEATHER Hazy Sun INST. NO. 96716

TIME 3:10 To 3:20 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE [illegible]

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-100A TO 201-101
B.M. 201-100A									B.M. 201-100A (F.C. 145-02390) Sierra Hwy.
1	15	878	316 5	48 ½ 15 66	262	513	563 5	290 234 56	
2	62	242	363 5	91 33 58	239	465	540 5	274 204 70	
3	27	642	328 5	124 60 ½ 27 66	278	186	579 5	126 278 ½ 294 68	
4	70	069	371 5	190 88 51 37	186	998	487 5	194 202 170 32	
				227				226 ✓	T Dreier
								227 ✓	
	175	831 ✓			967	162 ✓		453 ✓	
					175	831 ✓			
B.M. 201-101					791	331 ✓			B.M. 201-101 Sierra Hwy

F.B. 2478 Pg. 56

JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Fougler 5-26-69

INDEXED [illegible] 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-100A TO 201-100
B.M. 201-100A									B.M. 201-100A (F.C. 145-02390)
1	263	442	564 5	294 232 62	17	808	318 5	48 ½ 17 62	Sierra Hwy. at culvert B 151.9 SEE F.B. 3730-29
2	251	654	552 5	281 221 60	48	531	349 5	78 18 60	
3	172	395	473 5	180 163 17 122	100	239	401 5	108 91 17 122	
4	198	643	499 5	207 189 18 139	154	969	455 5	163 145 18 139	T Dreier
				157				157	
								157	
	886	134			321	547		314	
−	321	547							
B.M. 201-100	564	587							B.M. 201-100 Sierra Hwy., N.W. side near P.P.# 461357E SEE F.B. 2846-76

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=68°

SURVEY BY G.E. Dreier

NOTES BY Fowler DATE 5/23/69 WEATHER Hazy Sun INST. NO. 96716

INDEXED D. L. GALLI DATE SEP 8 '69 TIME 10:25 To 10:40 ROD NO. 95496

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 PG. 57

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-100 TO 201-100A
B.M. 201-100									B.M. 201-100
1	68	950	369.5	91 45 .46	262	408	563.5	285 239 46	SIERRA HWY & POLE # A 61357E. SEE F.B. 2846-76
2	48	615	349.5	76 20 56	293	662	594.5	1/2 293 265 56	
3	29	509	330.5	60 -2 .62 102	273	221	574.5	303 243 60 102	π = DREIER
4	195	112	496.5	206 184 22 164	77	400	378	87 67 .20 162	
				186				182 ✓	
								186 ✓	
B.M. 201-100A	342	186 ✓			906	691 ✓		368	B.M. 201-100 A (F.C. 145- 02390)
					342	186 ✓			SIERRA HWY. AT CULVERT B-151-9
					564	505 ✓			SEE F.B. 3730-29

T = 80°

WEATHER Hazy Sun INST. NO. 96716

TIME 2:05 TO 3:00 ROD NO. 95896

NOTES CHKD. [illegible] DATE AUG 20 69

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Foulger 5-26-69

INDEXED D.J. GALLI DATE

F.B. 2478 PG. 58

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 Fulger
INDEXED G. GALLI
DATE 5/23/69
DATE
WEATHER Hazy Sun T=68°
TIME 10:40 To 11:25
NOTES CHKD
INST. NO. 96316
ROD NO. 95496
DATE
F.B. 2478 Pg. 59

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM 201-100 TO 201-99
B.M. 201-100									B.M. 201-100
1	299	670	600 5	299 ½ 263 72	11	304	312 5	47 ½ 11 72	Sierra Hwy. N.W. side, Nr. P.P. # 461357E
2	273	177	574 5	301 245 56	58	160	359 5	87 30 57	SEE F.B. 2846-76
3	275	490	576 5	309 128 241 68	17	073	318 5	53 129 ½ 17 72	
4	292	585	593 5	292 196 ½ 263 58	6	297	307 5	31 201 ½ 6 50	
5	301	655	602 5	301 257 ½ 271 60	3	694	304 5	32 251 ½ 3 58	T Dreier
6	296	751	597 5	296 314 ½ 269 54	15	640	316 5	44 309 ½ 15 58	
7	295	267	596 5	295 368 ½ 260 70	9	185	310 5	44 367 ½ 9 70	
8	165	340	466 5	170 438 160 10	131	532	432 5	136 437 126 10	
				448				447 448 895	
	219	935			252	285			
	− 252	285							
B.M. 201-99	194	650							B.M. 201-99
	7								Sierra Hwy., S.E. side Nr. P.P. # 619019H, 0.1 Mi S.W. bridge # 53-24
									SEE F.B. 2864-75

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

T = 80°

WEATHER Hazy Sun INST. NO. 96716

TIME 1:25 To 2:05 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 60 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Fowler 8-26-69

INDEXED C.L. GALT DATE

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From 201-99 To 201-100
B.M. 201-99									B.M. 201-99
1	74	963	375.5	106 42 64	298	390	599.5	298 ½ 266 64	SIERRA Hwy 0.1 mi. S'ly BR. #53-24.
									SEE F.B. 2846-75
2	9	140	310.5	42 ½ 9 66	291	542	592.5	291 ½ 259 64	
3	9	308	310.5	130 33 ½ 9 48	297	222	598.5	297 128 ½ 272 50	
4	4	111	305.5	178 35 ½ 4 62	300	620	601.5	300 178 ½ 268 64	
5	5	925	306.5	240 34 ½ 5 58	275	270	576.5	304 242 247 57	
6	48	351	349.5	298 77 19 58	265	007	566.5	294 299 236 58	⅄ G.E. DREIER
7	24	005	325.5	356 52 ½ 24 56	264	780	565.5	292 357 236 56	
	69	018	370.5	412 88 ~~29~~ 38	199	655	500.5	~~88~~ 413 ~~50~~ ~~36~~	
8	~~199 655~~		~~500.5~~	~~181~~ ~~36~~ 450	~~69 018~~		~~370.5~~	217 181 ~~449~~ 450	
								899	
B.M. 201-100	~~375.458~~				~~2032849~~				B.M. 201-100
	244821				~~375458~~				Sierra Hwy. & Pole #61357E
					~~1657391~~				See F.B. 2846-76
					2192486				
					244821				
					- 1947665				

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. Dreier

NOTES BY Foulger DATE 5/23/69

NOTES CHKD. [illegible] DATE [illegible]

WEATHER Hazy Sun T=76° INST. NO. 96716

TIME 11:25 To 12:05 ROD NO. 95896

F.B. 2478 Pg. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201+99 TO 201-98
B.M. 201-99									B.M. 201-99
1	187	423	488.5	221 / 153 68	134	875	435.5	168 / 100 68	Sierra Hwy. S.E. side
2	134	217	435.5	168 / 100 68	83	177	384.5	118 / 48 70	0.1 Mi S.W. bridge SEE F.B. 2846-75
3	277	175	578.5	308 / 246 62 / 136	7	729	308.5	137 / 1/2 7 60 / 138	
4	289	073	590.5	289 / 1/2 270 38 / 198	6	738	307.5	130 / 1/2 6 48 / 198	T Dreier
5	261	900	562.5	293 / 229 64 / 236	96	673	397.5	123 / 69 54 / 246	
6	186	600	487.5	212 / 160 52 / 300	98	811	399.5	124 / 71 53 / 300	
7	200	671	501.5	221 / 178 43 / 352	99	637	400.5	121 / 78 43 / 353	
8	189	437	490.5	200 / 177 23 / 395	126	150	422.5	137 / 115 22 / 396	
				418				418	
								418	
	1726	496			653	790		836	
	653	790							
B.M. 201-98	1072	706							B.M. 201-98 SIERRA Hwy & POLE # 1123490E SEE F.B. 2846-74

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-98 TO 201-99
B.M. 201-98									B.M. 201-98
1	67	169	368 5	94 ½ 67 ~~57~~	216	861	517 5	243 189 54	SIERRA HWY & POLE # 1123490E
									SEE F.B. 2846-74
2	87	209	388 5	119 55 64	216	270	517 5	249 183 66	
3	84	354	385 5	118 114 54 60	293	720	594 5	120 ½ 293 268 60	
4	12	188	313 5	178 42 ½ 12 60	298	765	699 5	180 ½ 298 273 50	⊼ G.E. DREIER
5	4	288	305 5	238 34 ½ 4 60	252	095	553 5	230 287 217 70	
6	151	626	452 5	298 171 131 40	135	142	436 5	300 155 115 40	
7	125	635	426 5	338 144 106 38	160	459	461 5	340 178 141 37	
8	156	743	457 5	376 172 140 32	188	984	489 5	377 203 173 30	
				408	~~2246~~			407	
								408	
	689	212			− 1762	246		815	
B.M. 201-99					+ 689	212			B.M. 201-99
					− 1073	034			Sierra Hwy. 0.1 Mi. Sly
						8			Br. #532A - See F.B. 2846-75

F.B. 2478 Pg. 62

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES FOULGER 5-26-69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER 81° CLEAR LT. BREEZE

TIME 11:35 TO 12:00

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9819

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 RERUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-98 TO 201-99
B.M.201-98									B.M.201-98
1	57	750	358 5	1/2 97 57 80	263	605	564 5	304 222 82	SIERRA HWY. & POLE #1123490E
									SEE F.B. 2846-74
2	117	420	418 5	141 93 48 128	198	362	499 5	225 175 50 132	
3	86	328	387 5	115 57 58 186	266	612	567 5	293 239 54 186	RERUN
4	13	610	314 5	1/2 33 13 40 226	284	896	585 5	1/2 284 263 42 228	π = STROUD
5	42	276	343 5	62 22 40 266	250	458	551 5	269 231 38 266	
6	93	638	394 5	119 67 52 318	172	768	473 5	198 146 52 318	
7	154	431	455 5	176 132 44 362	148	252	449 5	171 125 46 364	
8	154	115	455 5	178 130 48 410 ✓	207	509	508 5	230 184 46 410 ✓	
								410 ✓	
B.M.201-99	719	568 ✓			1792	462 ✓		820	B.M.201-99
					719	568 ✓			SIERRA HWY. 0.1 MI. S. OF BRIDGE
					- 1072	894 ✓			#5324. SEE F.B. 2846-75

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 72°

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

NOTES BY SIEMANN DATE 6-2-69 TIME 10:30 To 11:30 ROD NO. 95876

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

F.B. 2478 PG. 63

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 RERUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.201-99 TO B.M.201-98
B.M.201-99									B.M.201-99
1	187	162	488 5	211 163 48	146	358	447 5	169 123 46	SIERRA HWY. 0.1 MI. S. OF BRIDGE # 5324 SEE F.B.2846-75
2	160	257	461 5	192 128 64 112	146	030	447 5	176 114 62 108	
3	204	470	505 5	230 178 52 164	55	035	356 5	80 30 50 158	RE RUN
4	272	409	573 5	290 254 36 200	31	589	332 5	51 11 40 198	⊼ = STROUD
5	280	720	581 5	302 259 43 243	33	452	334 5	56 10 46 244	
6	235	729	536 5	262 208 54 297	106	660	407 5	132 80 52 296	
7	201	416	502 5	224 178 46 343	118	041	419 5	140 96 44 340	
8	239	396	540 5	272 206 66 409	71	180	372 5	103 271 64 404 409	
B.M.201-98	1781	553			308	345		813	B.M.201-98
	308	345							SIERRA HWY. & POLE # 1123490 E
	+1073	208							SEE F.B.2846-74

T = 76°

WEATHER HAZY SUN INST. NO. 96716

TIME 11:35 TO ROD NO. 96896

NOTES CHKD [illegible] DATE

JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-2-69

INDEXED [illegible] DATE

F.B. 2478 PG. 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
NOTES BY G.E. DREIER
DATE 5-23-69
WEATHER 79° HAZY SUN
TIME 1:35 TO 2:35
INST. NO. 86716
ROD NO. 95896
F.B. 2478 Pg. 65

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 201-98 To 201-97
									B.M. 201-98
1	235	166	536 5	268 201 67	73	932	374 5	167 39 68	SIERRA HWY & P.P. # 1123490E
									SEE F.B. 2846-74
2	210	309	511 5	235 185 50	60	843	361 5	86 33 53	
3	219	313	520 5	249 188 61 117	90	911	391 5	119 61 58 121	
4	235	456	536 5	264 205 59 178	17	150	318 5	1/2 47 17 60 179	π D. FOULGER
5	282	298	583 5	282 255 54 237	20	417	321 5	1/2 46 20 52 239	
6	266	018	567 5	287 245 42 291	69	872	370 5	89 48 41 291	
7	157	207	458 5	191 143 28 333	116	973	417 5	131 101 30 332	
8	173	563	474 5	187 156 31 361	132	709	433 5	148 115 33 362	
				392				395	
B.M. 201-97								392	B.M. 201-97
	1779	330			582	807		787	SIERRA HWY & DAVENPORT RD.
	582	807							SEE F.B. 2846-73
+	1196	523							

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-97 TO 201-98
B.M. 201-97									B.M. 201-97
1	79	597	380.5	110 48 62	239	225	540.5	270 207 63	SIERRA Hwy & DAVENPORT RD.
									SEE F.B. 2846-73
2	80	228	381.5	107 53 54	281	199	582.5	309 252 57	
				116				120	
3	22	099	323.5	150 ½ 22 56	271	618	572.5	297 245 52	
				172				172	
4	69	528	370.5	102 35 67	264	470	565.5	299 229 70	D. FOULGER
				239				242	
5	69	970	370.5	101 37 64	247	213	548.5	276 217 59	
				303				301	
6	84	648	385.5	108 60 48	213	929	514.5	238 188 50	
				351				351	
~~7~~ 7	111	987	412.5	121 101 20	178	661	479.5	188 168 20	
				371				371	
~~8~~ 8	131	417	432.5	141 121 20	149	598	450.5	159 139 20	
				391				391	
B.M. 201-98								391	B.M. 201-98
	649	474			1845	913		782	SIERRA Hwy & POLE # 1123490E
					649	474			SEE F.B. 2846-74
					1196	439			

82°

WEATHER LT. BR., CLEAR INST. NO. 96716

TIME 10:45 TO 11:35 ROD NO. 95896

NOTES CHKD [signature] DATE

F.B. 2478 PG. 66 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 5-26-69

INDEXED G. L. 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 G.E. DREIER DATE 5-23-69

INDEXED [illegible] DATE SEP [illegible]

WEATHER HAZY SUN 81°

TIME 2:35 TO 3:20

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 PG. 67

INST. NO. 96716

ROD NO. 95 & 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-97 TO 201-96
B.M. 201-97									B.M. 201-97
1	214	138	515 5	243 / 185 58	68	793	369 5	97 / 39 58	SIERRA Hwy. & DAVENPORT RD. N.E. Co.
									SEE F.B. 2846-73
2	245	476	546 5	279 / 211 68	8	191	309 5	44 / 28 72	
				126				130	
3	268	592	569 5	292 / 244 48	85	658	386 5	108 / 62 46	
				174				176	
4	249	540	550 5	275 / 222 53	40	151	341 5	67 / 12 55	⊼ D. FOULGER
				227				231	
5	237	532	538 5	270 / 204 66	57	690	358 5	86 / 28 58	
				293				289	
6	287	181	588 5	287 / 256 62	6	759	307 5	39 / 26 66	
				355				355	
7	300	362	601 5	300 / 276 48	46	589	347 5	68 / 24 44	
				403				399	
8	233	599	534 5	257 / 208 49	153	882	454 5	178 / 127 51	
				452				450	
B.M. 201-96								452	B.M. 201-96
	2036	420			467	713		902	SIERRA Hwy & CULVERT # 40.74
	467	713							SEE F.B. 2846-72
	+ 1568	707							

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-96 TO 201-97
B.M. 201-96									B.M. 201-96
1	138	618	439 5	166 109 57	277	343	578 5	306 247 59	SIERRA HWY & CULVERT 40.74 SEE F.B. 2846-72
2	28	675	329 5	49 ½ 28 42	255	503	556 5	277 233 44	
3	52	051	353 5	76 28 99 48	260	883	561 5	285 234 103 51	
4	56	384	357 5	80 32 147 48	199	738	500 5	225 173 154 52	D. FOULGER
5	111	762	412 5	138 84 195 54	288	192	589 5	308 267 206 41	
6	112	315	413 5	140 83 249 57	299	313	600 5	299 270 247 58	
7	8	493	309 5	37 ½ 8 306 58	276	611	577 5	308 244 305 64	
8	40	856	341 5	81 0 364 81	260	259	561 5	303 216 369 87	
				445				456	
B.M. 201-97								445	B.M. 201-97
	549	154			2117	842		901	SIERRA HWY & DAVENPORT RD. SEE F.B. 2846-73
					549	154			
					1568	688			

76

WEATHER CLEAR INST. NO. 96716

TIME 9:50 TO ROD NO. 75896

NOTES CHKD DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 5-26-69

INDEXED D.J. GALLI DATE

F.B. 2478 PG. 68

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	~~332~~ 31				~~32~~ 22				FROM 201-96 TO 201-95
BM 201-96									B.M. 201-96
1	265	780	566 5	292 238 54	55	562	356 5	83 27 56	SIERRA HWY AT CULVERT 40.74
									SEE F.B. 2846-72
2	204	152	505 5	234 174 60	65	113	366 5	94 36 58	
								114	
3	192	073	493 5	223 161 62	34	828	335 5	65 3 62	⊼ SIEMANN
				176				176	
4	259	361	560 5	290 228 62	55	342	356 5	84 25 59	
				238				235	
5	266	080	567 5	297 235 62	9	278	310 5	142 129 66	
				300				301	
6	112	615	413 5	120 140 16	190	573	491 5	198 182 16	BM 201-95
				316				317	SIERRA HWY AT CULVERT
								316	#40.36
	1300	061			430	696		633	SEE F.B. 2846-71
	410	696							
	+ 889	365							
B.M. 201-95									

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

SURVEY BY G. PRIER WEATHER CLEAR INST. NO. 96716

NOTES BY J. STROUD DATE 6-2-69 TIME 14 45 ROD NO. 85896

INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 PG. 69

82°

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-95 TO 201-96
1	71	041	372.5	103 64 39	263	048	564.5	293 233 60	B.M. 201-95 SIERRA HWY ~~& CAMP GROUNDS AT~~ ~~Ho.~~ & CULVERT 40.36
2	53	471	354.5	80 54 26 118	240	203	541.5	267 213 54	SEE F.B. 2846-71
3	55	232	356.5	84 26 58 176	245	269	546.5	276 114 214 62 176	
4	107	020	408.5	130 84 46 222	183	665	484.5	205 161 44 220	R. SIEMANN
5	111	946	412.5	130 92 38 260	182	412	483.5	201 163 38 258	
6	102	851	403.5	120 84 36 296	276	393	577.5	295 257 38 296	
B.M. 201-96								296	B.M. 201-96
	501	561			1390	990		592	SIERRA HWY AT CULVERT # 40.71
					501	561			SEE F.B. 2846-72
					889	429			

F.B. 2478 PG. 70

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 6-5-69

INDEXED G.L. GALLI DATE

WEATHER LT. WIND 78° CLEAR

TIME 2:05 TO 2:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95896

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-95 TO 201-94
B.M. 201-95									B.M. 201-95
1	268	408	569 5	293 / 241 52	73	751	374 5	100 / 46 54	SIERRA HWY AT CULVERT # 40.36
									SEE F.B. 2846-71
2	268	045	569 5	299 / 237 62 / 114	10	070	311 5	40 / ½ 10 60 / 114	
3	273	939	574 5	302 / 244 58 / 172	65	370	366 5	96 / 34 62 / 176	T R. SIEMANN
4	266	222	567 5	298 / 234 64 / 236	14	200	315 5	44 / ½ 14 60 / 236	
5	266	995	567 5	297 / 235 62 / 298	16	588	317 5	47 / ½ 16 62 / 298	
6	135	391	436 5	138 / 132 6 / 304	115	735	416 5	119 / 111 8 / 306	
B.M. 201-94								304	B.M. 201-94
	1479	000			295	714		610	SIERRA HWY AT CAMP GROUDS AT
	295	714							No. # 13859
	+1183	286							SEE F.B. 2846-70

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 75

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

NOTES BY S.E. DREIER DATE 6-2-69 TIME 2:30 ROD NO 95896

INDEXED C. LOALLI DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2478 PG. 71

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. 2478 PG. 72 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 6-5-69

INDEXED C. L. GALLI DATE

79° WEATHER HAZE GT BR. INST. NO. 96716

TIME 1:45 TO 2:05 ROD NO. 25896

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-94 TO 201-95
B.M. 201-94									B.M. 201-94
1	25	433	326.5	½ 48 25 46	228	732	529.5	251 205 46	SIERRA HWY & CAMP GROUND AT
									No. # 13859
2	41	582	342.5	67 15 52 98	270	720	571.5	296 244 52 98	SEE F.B. 2846-70
3	45	138	346.5	74 16 58 156	262	541	563.5	290 234 56 154	
									R. SIEMANN
4	29	590	330.5	56 2 54 210	221	832	522.5	247 195 52 206	
5	89	409	390.5	118 60 58 268	267	794	568.5	298 236 62 268	
6	92	528	393.5	106 78 28 296	255	440	556.5	269 241 28 296	
								296	
	323	680			1507	059		592	
					323	680			
					1183	379			
B.M. 201-95									B.M. 201-95
									SIERRA HWY AT CULVERT 40.36
									SEE F.B. 2846-71

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 SIEMANN
DATE 6-3-69
TIME 9:50 TO 10:35
WEATHER CLEARING
INST. NO. 96716
ROD NO. 75596
INDEXED BY J. CALL
DATE 8-8
NOTES CHKD.
DATE
T = 64°
F.B. 2846 PG. 73

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-94 TO B.M. 201-93
B.M. 201-94									B.M. 201-94
1	219	530	520	5	63	378	364	5	SIERRA HWY. AT HOBNOB CAFE
				242 / 196 / 46				86 / 40 / 46	SEE F.B. 2846-70
2	275	366	576	5	60	808	361	5	
				299 / 251 / 48				83 / 36 / 47	
				94				93	
3	284	338	585	5	23	780	324	5	
				284 / 256 / 58				151 / 223 / 56	
				150				149	
4	280	638	581	5	33	096	334	5	
				305 / 254 / 51				58 / 7 / 51	T = DREIER
				201				200	
5	247	065	548	5	69	903	370	5	
				271 / 224 / 47				93 / 45 / 48	
				248				248	
6	219	752	520	5	66	650	367	5	
				245 / 193 / 52				92 / 39 / 53	
				300				301	
7	266	106	567	5	80	554	381	5	
				293 / 238 / 55				108 / 53 / 55	
				355				356	
8	253	627	554	5	55 / ~~40~~	995	356	5	
				228 / 228 / 50				80 / 30 / 50	
				405				406	
9	147	068	448	5	128	228	429	5	
				153 / 141 / 12				133 / 123 / 10	
~~B.M. 201-93~~				417				416	B.M. 201-93
									SIERRA HWY. & POLE 1504815E
10	163	954	464	5	175	856	476	5	SEE F.B. 2846-69
				167 / 159 / 8				179 / 170 / 9	
				425 ✓				425 ✓	
								425 ✓	
B.M. 201-93	2357	444 ✓			758	248 ✓		850	
	758	248 ✓							
	+ 1599	196 ✓							

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. 2478 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-69

INDEXED D.T. GALLT DATE

WEATHER LT. WIND INST. NO. 96716

TIME 1:05 TO ROD NO. 95096

NOTES CHKD DATE

T = 76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-93 TO 201-94
B.M. 201-93									B.M. 201-93
1	94271		395.5	120 68 52	225705		526.5	251 199 52	SIERRA HWY. & P.P. 4 1504815 E
									SEE F.B. 2846-69
2	50330		351.5	77 23 54	296098		597.5	296 269 54	
				106				106	
3	35372		336.5	61 8 53	228645		529.5	254 201 53	
				159				159	
4	127532		428.5	155 99 56	183330		484.5	211 155 56	
				215				215	
5	61441		362.5	86 36 50	280512		581.5	305 255 50	T = DREIER
				265				265	
6	44706		345.5	69 19 50	283580		584.5	307 258 49	
				315				314	
7	7164		308.5	137 7 60	299034		600.5	299 271 56	
				375				370	
8	19803		320.5	445 219 52	243080		445	271 215 56	
				427				426	
								427	B.M. 201-94
B.M. 201-94								853	SIERRA HWY. AT HOB NOB CAFE
	440619				2039984				SEE F.B. 2846-70
					440619				
					-1599365				

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 T=64°

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

NOTES BY SIEMANN DATE 6-3-69 TIME 10:35 TO 11:00 ROD NO. 95896

INDEXED G.J. GALLE DATE 8-8-70 NOTES CHKD DATE

F.B. 2478 PG. 75

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-93 TO B.M. 201-92A
B.M. 201-93									B.M. 201-93
1	298	520	599	5 ~~298~~ 281 34	81	072	382	5 97 65 32	SIERRA HWY. & P.P. #1504815 E.
									SEE F.B. 2846-69
2	280	212	581	5 ~~280~~ 248 64	14	097	315	5 ~~46~~ 214 64	
				98				96	
3	272	833	573	5 294 251 43	43	360	344	5 65 21 44	
				141				140	
4	269	592	570	5 293 244 49	50	055	351	5 74 25 49	TT = DREIER
				190				189	
5	251	257	552	5 271 231 40	158	219	459	5 138 138 40	
				230				229	
6	219	913	520	5 229 209 20	256	754	557	5 266 246 20	
				250				249	
								250	
B.M. 201-92A	1592	327			603	557		499	B.M. 201-92A
	603	557							SIERRA HWY. & HWY. CULVERT 39.20
	988	770							SEE F.B. 3730-11

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-92A TO B.M. 201-93
B.M. 201-92A									B.M. 201-92A
1	183	200	484.5	203 / 163 40	274	289	575.5	296 / 252 44	SIERRA HWY & CULVER # 39.20
									SEE F.B. 3730-11
2	50	128	351.5	76 / 24 52 / 92	261	497	562.5	285 / 237 48 / 92	
3	84	379	385.5	109 / 58 51 / 143	264	852	565.5	289 / 239 50 / 142	
4	55	710	356.5	75 / 35 40 / 183	228	148	529.5	249 / 208 41 / 183	π = DREIER
5	64	333	365.5	86 / 42 44 / 227	241	174	542.5	263 / 220 43 / 226	
6	122	590	423.5	130 / 114 16 / 243	279	301	580.5	287 / 270 17 / 243	
B.M. 201-93								243	B.M. 201-93
	560	340			1549	261		486	SIERRA HWY. & POLE # 1504815E
					560	340			SEE F.B. 2846-69
					988	921			

T = 66°

WEATHER CLEAR INST. NO. 96716

TIME 11:15 TO 11:35 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-69

INDEXED C. L. GALLI DATE

F.B. 2478 Pg. 76

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	55	4			35	4			FROM 201-92A TO 201-92
B.M.201-92A									B.M.201-92A
1	298	879	599 5	298 / ½ 283 30	81	373	382 5	96 / 66 30	SIERRA HWY & CULVERT 39.20
									SEE F.B. 3730-11
2	259	028	560 5	280 / 238 42	60	455	361 5	81 / 39 42	
				72				72	
3	283	500	584 5	298 / 268 30	17	411	318 5	32 / 2 30	
				102				102	⊼ R. SIEMANN
4	232	623	533 5	252 / 212 40	14	151	315 5	35 / ½ 14 42	
				142				144	
5	301	844	602 5	301 / ½ 285 32	14	865	315 5	29 / 1 28	
				174				172	
6	297	839	598 5	297 / ½ 283 28	20	518	321 5	34 / 6 28	
				202				200	
7	296	024	597 5	296 / ½ 282 28	12	351	313 5	25 / -1 26	
				230				226	
8	299	361	600 5	299 / ½ 285 28	12	999	313 5	27 / ½ 12 30	
				258				256	
9	300	978	601 5	300 / ½ 287 26	17	397	318 5	31 / 3 28	
				284				284	
10	296	733	597 5	296 / ½ 280 32	36	777	337 5	52 / ½ 36 32	
				316				316	
B.M.201-92								316	B.M.201-92
	2866	809			288	297		632	SIERRA HWY & CENTER ST
	288	297							SEE F.B. 2846-68
	+ 2578	512							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-3-69

INDEXED C. L. GALLI DATE [illegible]

WEATHER CLEAR 67°

TIME 11:00 TO 11:50

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 95896

F.B. 2478 PG. 77

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. 2478 Pg. 78 | JOB NO. 0300.02 | SURVEY OF L.A. Co. PRECISE LEVEL NET | SURVEY BY DREIER NOTES G.E. DREIER 6-5-69 | INDEXED C.L. GALLI DATE

WEATHER OVERCAST INST. NO. 96716 | TIME 11:25 to 11:12 ROD NO. 95 & 96 | NOTES CHKD. DATE

60'

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM.201-92 TO 201-92A
BM.201-92									B.M.201-92
1	58 773	359 5		76 40 36	299 756	600 5		299 ½ 284 30	SIERRA HWY & CENTER ST.
									SEE F.B. 2846-68
2	17 512	318 5		29 5 24	299 080	600 5		299 ½ 284 30	
				60				60	
3	18 220	319 5		31 5 26	286 539	587 5		300 272 28	
				86				88	
4	10 139	311 5		24 ½ 10 28	295 117	596 5		308 282 26	R. SIEMANN
				114				114	
5	22 118	323 5		35 9 26	298 670	599 5		298 ½ 283 30	
				140				144	
6	17 876	318 5		30 4 26	273 777	574 5		285 261 24	
				166				168	
7	32 881	333 5		46 18 28	228 782	529 5		242 214 28	
				194				196	
8	53 109	354 5		73 33 40	298 591	599 5		298 ½ 278 40	
				234				236	
9	30 040	331 5		45 15 30	223 801	524 5		238 208 30	
				264				266	
10	80 446	381 5		99 61 38	244 133	545 5		262 226 36	
				302				302	
11	141 870	442 5		145 137 8	178 542	479 5		182 174 8	
				310				310	
12	122 181	423 5		128 116 12	256 178	557 5		262 250 12	
				322				322	
								322	B.M.201-92A
BM.201-92A	604 365				3182 966			44	SIERRA HWY & CULVERT 39.20
					604 365				SEE F.B. 3730-11
				-	2578 601				

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
					5454				FROM BM201-92 TO 201-91
BM.201-92									BM.201-92
1	294	874	595 5	304 284 20	40	557	341 5	50 30 20	SIERRA HWY & CENTER ST.
									SEE F.B. 2846-68
2	282	472	583 5	293 271 22	26	419	327 5	37 15 22	
				42				42	
3	295	130	596 5	307 283 24	25	665	326 5	38 12 26	⊼ R. SIEMANN
				66				68	
4	297	649	598 5	1/2 297 283 28	17	067	318 5	30 4 26	
				94				94	
5	291	000	592 5	1/2 291 273 36	59	742	360 5	77 41 36	
				130				130	
6	301	902	602 5	1/2 301 273 56	36	345	337 5	64 8 56	
				186				186	
7	293	904	594 5	1/2 293 264 58	24	921	325 5	1/2 52 24 56	
				244				242	
8	298	063	599 5	1/2 298 275 46	59	468	360 5	84 34 50	
				290				292	
9	290	115	591 5	1/2 290 262 56	23	070	324 5	1/2 51 23 56	
				346				348	
10	283	819	584 5	300 266 34	25	285	326 5	42 8 34	
				380				382	
								380	
BM.201-91									BM.201-91
	2928	928			338	539		762	SIERRA HWY & HOUSE #12645
	338	539							SEE F.B. 2846-67
	2590	389							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 6-3-69

INDEXED C.J. GALLI DATE

WEATHER 75° CLEAR LT. WIND

TIME 1:00 TO

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 95 & 96

F.B. 2478 Pg. 79

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. 2478 Pg. 80 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 6-5-69

INDEXED R.T. GALLI DATE

63

WEATHER OVERCAST INST. NO. 96716

TIME 9:45 ROD NO. 95 & 96

NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 201-91 To 201-92
BM 201-91									B.M. 201-91
1	13 070	314 5		½ 35 13 44	301 490	602 5		½ 301 277 48	SIERRA HWY. OPPOS. HO. # 12645
									SEE F.B. 2846-67
2	20 841	321 5		½ 48 20 56	280 009	581 5		307 253 54	
				100				102	
3	49 747	350 5		76 22 54	281 127	582 5		306 256 50	
				154				152	
4	19 869	320 5		½ 48 19 58	294 403	595 5		½ 294 265 58	R. SIEMANN
				212				210	
5	13 531	314 5		½ 41 13 56	300 212	601 5		½ 300 273 54	
				268				264	
6	32 218	333 5		49 15 34	299 693	600 5		½ 299 284 30	
				302				294	
7	23 390	324 5		33 13 20	265 677	566 5		278 252 26	
				322				320	
8	18 602	319 5		31 5 26	295 794	596 5		308 282 26	
				348				346	
9	14 131	315 5		26 2 24	295 077	596 5		½ 295 282 26	
	19 399			372				372	
10	70 000	371 5		78 62 16	253 100	554 5		261 243 18	
				388				390	
								388	
	275 399				2865 982			778	
					275 399				
					2590 583				B.M. 201-92
BM 201-92									SIERRA HWY & CENTER ST
									SEE F.B. 2846-68

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-91 TO 201-90
B.M. 201-91									B.M. 201-91
1	279	205	580 5	299 / 259 40	8	559	309 5	128 / 28 40	SIERRA HWY. & HO.# 12645.
									SEE F.B. 2846-67
2	288	207	589 5	1/2 288 / 2 257 54	32	586	333 5	58 / 6 52	
				94				92	
3	289	933	590 5	1/2 289 / 2 253 72	23	043	324 5	1/2 59 / 2 23 72	
				166				164	
4	298	469	599 5	1/2 298 / 2 266 64	16	721	317 5	1/2 48 / 2 16 64	
				230				228	
5	298	222	599 5	1/2 298 / 2 261 74	47	942	348 5	83 / 11 72	π = DREIER
				304				300	
6	296	158	597 5	1/2 296 / 2 269 54	28	754	329 5	1/2 57 / 2 28 62	
				358				362	
7	268	295	569 5	292 / 243 49	61	557	362 5	83 / 38 45	
				407				407	
8	240	268	541	256 / 224 32	110	082	411 5	126 / 94 32	
				439				439	
								439	
B.M. 201-90	2258	757			329	244		878	B.M. 201-90
	329	244							SIERRA HWY. & HO.# 12117.
	+1929	513							SEE F.B. 2846-66

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-3-69

INDEXED C. J. GALLI DATE [illegible]

WEATHER CLEAR

TIME 1:55 TO 2:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 95496

T = 78°

F.B. 2478 PG. 81

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. 2478 Pg. 82 JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-5-69

INDEXED D.H. GALLI DATE

WEATHER OVERCAST INST. NO. 96716

TIME 9:15 TO ROD NO. 95-496

NOTES CHKD. DATE

T = 60°

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 201-90 TO B.M. 201-91
B.M. 201-90									B.M. 201-90
1	62494	363.5		86 38 48	277158	578.5		302 252 50	SIERRA HWY. & HOUSE # 12117. SEE F.B. 2846-66
2	14669	315.5		½ 47 214 66 114	294932	595.5		½ 274 ½ 260 68 118	
3	48278	349.5		77 19 58 172	259420	560.5		288 230 58 176	
4	54533	355.5		81 27 54 226	273433	574.		299 247 52 228	
5	17385	318.5		½ 47 217 60 286	276985	577.5		306 248 54 282	T = DREIER
6	37365	338.5		67 7 60 346	278700	579.5		278 246 64 346	
7	58765	359.5		85 31 54 400	301925	602.5		½ 301 ½ 274 54 400	
8	19445	320.5		37 1 36 436	280018	581.5		298 262 36 436	
B.M. 201-91								436 872	B.M. 201-91 SIERRA HWY. & HO. # 12645 SEE F.B. 2846-67
	312934				2242571				
					312934				
					1929637				

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M.201-90 TO B.M.201-89
B.M.201-90									B.M.201-90
1	299	713	600 5	1/2 299 / 268 62	11	600	312 5	1/2 42 / 11 62	SIERRA HWY. & HOUSE #12117
									SEE F.B. 2846-66
2	277	900	578 5	1/2 277 / 244 66	30	078	331 5	1/2 64 / 30 68	
				128				130	
3	284	233	585 5	1/2 284 / 253 62	39	617	340 5	69 / 9 60	
				190				190	
4	276	819	577 5	302 / 250 52	36	498	337 5	63 / 9 54	
				242				244	π = DREIER
5	297	418	598 5	1/2 297 / 220 54	32	137	333 5	58 / 5 53	
				296				297	
6	289	314	590 5	1/2 289 / 262 54	43	357	344 5	70 / 16 54	
				350				351	
								350	
B.M.201-89	1725	397			193	287		701	B.M.201-89
	193	287							SIERRA HWY. OPP. HO. #11809
	+1532	110							SEE F.B. 2846-65

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 76°

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

NOTES BY SIE MANN DATE 6-3-69 TIME 2:30 TO 3:00 ROD NO. 95896

INDEXED C.L. GALLI DATE SEP 1969 NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 83

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-89 TO B.M. 201-90
B.M. 201-89									B.M. 201-89
1	36	784	337 5	66 6 60	297	515	596 5	1297 2267 60	SIERRA HWY. OPP. HO.# 11809
									SEE F.B. 2846-65
2	5	130	306 5	1 33 2 5 56	296	161	597 5	1296 2267 58	
				116				118	
3	11	800	312 5	1 41 2 11 60	297	777	598 5	1297 2267 60	
				176				178	
4	46	841	347 5	77 15 62	256	667	557 5	286 226 60	π = DREIER
				238				238	
5	27	454	328 5	1 59 2 27 64	294	085	595 5	1294 2262 64	
				302				302	
6	36	613	337 5	58 14 44	254	502	555 5	276 232 44	
				346 ✓				346 ✓	
								346	B.M. 201-90
B.M. 201-90					1696	707 ✓		692	SIERRA HWY. & HO.# 12117
	164	622 ✓			164	622 ✓			SEE F.B. 2846-66
					~~1532~~	~~085~~			
					1532	085 ✓			

F.B. 2478 Pg. 84 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-4-69

INDEXED C.L. CALLI DATE

WEATHER HAZY SUN INST. NO. 96716

TIME 2:40 TO ROD NO. 95496

NOTES CHKD [signature] DATE AUG 20 '69

T = 78°

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-89 TO 201-88 A
B.M. 201-89									B.M. 201-89
1	246	261	547 5	258 234 24	59	240	360 5	71 47 24	SIERRA HWY. OPP. HO. #11869
									SEE F.B. 2846-65
2	267	962	568 5	280 253 27	18	033	319 5	31 5 26	
				51				50	
3	300	069	601 5	1/2 300 288 24	16	345	317 5	28 4 24	
				75				74	
4	293	192	594 5	304 281 24	13	071	314 5	24 1 23	
				99				97	
5	281	832	582 5	291 270 21	16	589	317 5	27 4 23	π = FOULGER
				120				120	
6	300	905	601 5	1/2 300 288 24	23	867	324 5	34 11 23	
				144				143	
7	280	432	581 5	290 269 21	21	013	322 5	33 10 23	
				165				166	
8	299	528	600 5	1/2 299 286 26	17	373	318 5	28 5 23	
				191				189	
9	298	263	599 5	309 286 23	12	332	313 5	25 1 26	
~~B.M. 201-88A~~				214				215	B.M. 201-88A
10	294	489	595 5	305 283 22	34	425	335 5	44 23 21	SIERRA HWY. & CULVERT #3702
				236				236	SEE F.B. 3728-205
11	288	521	589 5	299 277 22	28	248	329 5	39 17 22	
				258				258	
12	260	482	561 5	268 251 17	73	638	374 5	81 64 17	
				275				275	
								275	
B.M. 201-88A	3411	936			334	174		550	
	334	174							
	+3077	762							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 62°

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

NOTES BY SIEMANN DATE 6-4-69 TIME 10:00 TO 11:00 ROD NO. 95896

INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE

F.B. 2478 Pg. 85

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-88A TO B.M. 201-89
B.M. 201-88A									B.M. 201-88A
1	37	680	338 5	47 26 21	292	722	593 5	304 280 24	SIERRA HWY. & CULVERT # 37.02
									SEE F.B. 3728-205
2	22	695	323 5	33 11 22	281	540	582 5	291 270 21	
				43				45	
3	17	082	318 5	28 5 23	294	005	595 5	305 282 23	
				66				68	
4	22	257	323 5	33 11 22	288	238	589 5	298 277 21	
				88				89	
5	24	748	325 5	35 13 22	288	742	589 5	299 276 23	
				110				112	
6	14	242	315 5	25 2 23	292	327	593 5	303 280 23	
				133				135	T: FOULGER
7	19	078	320 5	30 7 23	295	821	596 5	306 283 23	
				156				158	
8	15	092	316 5	22 3 24	294	651	595 5	306 282 24	
				180				182	
9	9	451	310 5½	21 9 24	290	437	591 5	301 278 23	
				204				205	
10	25	008	326 5	36 14 22	295	445	596 5	307 282 25	
				226				230	
11	24	633	325 5	37 11 26	251	761	552 5	262 239 23	
				252				253	
12	51	033	352 5	60 41 19	195	098	496 5	204 186 18	
				271				271	
								271	
B.M. 201-89	282	999			3360	787		542	B.M. 201-89
					282	999			SIERRA HWY. OPP. HO. # 11804.
					-3077	788			SEE F.B. 2846-65.

F.B. 2478 Pg. 86 JOB NO. 0301.02 6-4-69 T: 74°

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER HAZY SUN INST. NO. 96716

SURVEY BY DREIER NOTES SIEMANN 6-4-69 TIME 1:30 TO 2:00 ROD NO. 95896

INDEXED B. L. GALLI DATE NOTES CHKD. [signature] 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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=68°
SURVEY BY G.E. Dreier
NOTES BY Fouloey DATE 6-4-69
INDEXED E.J. GALLI DATE SEP 3 '69
WEATHER Clear-Sun INST. NO. 96716
TIME 11:00 To 11:35 ROD NO. 95496
NOTES CHKD. [illegible] DATE
F.B. 2478 Pg 87

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-88A TO 201-88
B.M. 201-88A									B.M. 201-88A
1	293	548	594 5	304 282 22	13	511	314 5	24 2 22	Sierra Hwy & Culvert # 3702 SEE F.B. 3728-205
2	296	406	597 5	1/2 296 284 24	12	005	313 5	24 0 24	
3	298	080	599 5	1/2 298 286 24 46	11	933	312 5	22 0 22 46	
4	297	901	598 5	1/2 297 286 22 70	14	578	315 5	26 2 24 68	T Siemens
5	298	103	599 5	1/2 298 286 24 92	11	957	312 5	24 11 26 92	
6	299	548	600 5	1/2 299 287 24 116	12	568	313 5	24 0 24 118	
7	301	982	602 5	1/2 301 298 26 140	20	176	321 5	32 8 24 142	
8	295	883	596 5	308 283 25 166	29	050	330 5	40 18 22 166	
9	194	467	495 5	197 191 6 191	122	210	423 5	126 118 8 188	
10	182	548	483 5	188 176 12 197	108	336	409 5	114 102 12 196	
				209				208	
								209	
	2758	466			356	324		417	
	356	324							
B.M. 201-88	2402	142							B.M. 201-88 Sierra Hwy, Nx. Ho # 11253 SEE F.B. 2846-64

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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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-88 TO 201-88A
B.M. 201-88	~~25~~	~~84~~							B.M. 201-88
1	25	848	326 5	37 13 24	298	949	599 5	1/2 298 285 26	Sierra Hwy. Nr. Ho #11253 SEE F.B. 2846-64
2	17	675	318 5	29 5 24	299	980	600 5	1/2 299 287 24	
3	14	735	315 5	26 2 48 24	297	813	598 5	1/2 297 285 50 24	
4	16	555	317 5	28 4 72 24	290	521	591 5	302 278 74 24	
5	20	871	321 5	32 8 96 24	300	045	601 5	1/2 300 288 98 24	
6	12	180	313 5	24 0 120 24	299	710	600 5	1/2 299 287 122 24	π Siemann
7	18	728	319 5	30 6 144 24	301	422	602 5	1/2 301 289 146 24	
8	13	122	314 5	25 1 168 24	288	690	589 5	299 277 170 22	
9	109	278	410 5	113 105 192 8	201	793	512 5	215 207 192 8	
10	83	791	384 5	89 77 200 12	145	965	446 5	151 139 200 12	
				212 ✓				212 ✓	
								212 ✓	
	332	783 ✓			2734	888 ✓		424 ✓	
					332	783 ✓			
B.M. 201-88A					2402	105 ✓			B.M. 201-88A Sierra Hwy. at culvert #37.02 SEE F.B. 37 28-205

WEATHER Clear-Sun INST. NO. 96716

TIME 11:35 to 12:15 ROD NO. 95496

NOTES CHKD [signature] DATE [illegible]

T=72°

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Fulger 6-4-69

INDEXED [illegible] GALLI DATE

F.B. 2478 PG. 88

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 T=68°

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

NOTES BY SIEMANN DATE 6-6-69 TIME 10:30 TO 11:30 ROD NO. 95896

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

F.B. 2478 Pg. 89

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 201-88 TO 201-87
B.M. 201-88									B.M. 201-88
1	298	315	599 5	298 / 282 32	12	591	313 5	27 / 12 30	SIERRA HWY. & P.P. # 1029478E
									SEE F.B. 2846-64
2	300	660	601 5	300 / 287 26 / 58	22	597	323 5	34 / 9 25 / 55	
3	293	673	594 5	305 / 281 24	15	370	316 5	27 / 3 24	
4	288	005	599 5	300 / 276 82 / 24 / 106	23	774	324 5	35 / 11 79 / 24 / 103	
5	285	409	586 5	297 / 273 24 / 130	13	382	314 5	25 / 1 24 / 127	
6	276	505	577 5	289 / 263 26 / 156	21	832	322 5	34 / 8 26 / 153	
7	269	062	570 5	283 / 254 29 / 185	33	202	334 5	47 / 19 28 / 181	⊼ = FOULGER
8	280	552	581 5	295 / 264 31 / 216	24	664	325 5	42 / 6 36 / 217	
9	278	919	579 5	294 / 262 32 / 248	33	052	334 5	47 / 17 32 / 249	
10	291	778	592 5	307 / 273 34 / 282	16	129	317 5	33 / 216 34 / 283	
11	296	134	597 5	296 / 278 [illegible] / 314	42	124	343 5	60 / 23 37 / 320	
12	229	293	530 5	257 / 200 57 / 375	163	808	464 5	191 / 135 56 / 376	
13	141	358	442 5	167 / 113 56 / 431	168	812	469 5	195 / 140 55 / 431	
14	137	718	438 5	162 / 112 50 / 481 ✓	85	851	386 5	110 / 60 50 / 481 ✓	
B.M. 201-87								481 ✓	B.M. 201-87
	3667	381 ✓			677	188 ✓		962	SIERRA HWY. & P.P. # 724426E
	677	188 ✓							SEE F.B. 2846-63
	+2990	193 ✓							

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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. 2478 Pg. 90 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-2-69

INDEXED B.H. GALLI DATE

T = 94°

WEATHER CLEAR INST. NO 96716

TIME 9:30 TO 10:30 ROD NO 85896

NOTES CHKD. DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-87 TO 201-88
B.M 201-87									B.M. 201-87
1	89 051	390	5	124 54 70	130 622	431	5	165 95 70	SIERRA HWY. & P.P.# 72426E.
									SEE F.B. 2846-63
2	168 310	469	5	201 135 66	149 825	450	5	182 116 66	
				136				136	
3	70 101	371	5	98 42 56	297 904	598	5	297 271 52	
				192				188	
4	49 160	350	5	51 37 24	270 330	571	5	284 256 28	
				216				216	
5	35 208	336	5	51 19 32	275 908	576	5	291 259 32	
				248				248	
6	16 723	317	5	35 16 38	285 185	586	5	302 268 34	
				286				282	
7	10 651	311	5	28 10 36	296 712	597	5	296 278 36	T = MALDONADO
				322				318	
8	14 609	315	5	30 14 32	281 029	582	5	294 268 26	
				354				344	3665.552 ✓
9	18 729	319	5	30 6 24	298 062	599	5	298 284 28	675.510 ✓
				378				372	− 2990.042 ✓
10	56 069	357	5	65 47 18	270 594	571	5	281 259 22	
				396				394	
11	21 432	322	5	32 10 22	294 208	595	5	294 282 24	
				418				418	
12	25 982	326	5	37 13 24	284 417	585	5	296 272 24	
				442				442	
13	11 652	312	5	24 11 26	287 063	588	5	300 274 26	
				468				468	
14	87 833	388	5	95 79 16	243 701	544	5	235	
				484				484	
B.M 201-88									B.M. 201-88
	675 510 ✓				3665 552 ✓			968	SIERRA HWY. & P.P.# 102 94798E
									SEE F.B. 2846-64

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-87 TO 201-86
B.M.201-87									B.M.201-87
1	47	300	348 5	64 29 35	174	362	475 5	191 156 35	SIERRA HWY. & P.P.# 724426E
									SEE F.B. 2846-63
2	120	471	421 5	149 90 59	207	501	508 5	236 178 58	
				94				93	
3	103	213	404 5	132 73 59	176	001	477 5	206 146 60	
				153				153	
4	123	125	424 5	150 96 54	173	012	474 5	199 148 51	
				207				204	
5	144	778	445 5	171 116 55	207	453	508 5	231 182 49	π = FOULGER
				262				253	
6	85	479	386 5	112 58 54	102	878	403 5	134 70 64	
				316				317	
7	241	941	542 5	255 227 28	70	165	371 5	84 55 29	
				344				346	
8	226	222	527 5	239 213 26	44	226	345 5	56 32 24	
				370				370	
B.M.201-86								370	B.M.201-86
	1092	539			1155	598		740	SIERRA HWY. & JOHNSON RD.
					1092	539			SEE F.B. 2846-61
					- 63	059			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 70°
SURVEY BY G. E. DREIER WEATHER HAZY SUN INST. NO. 96716
NOTES BY SIEMANN DATE 6-6-69 TIME 11:40 TO 2:00 ROD NO. 95896
INDEXED G. J. GALLI DATE [illegible] NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 91

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-86 TO 201-87
B.M.201-86									B.M.201-86
1	29	977	330.5	34 24 10	201	282	502.5	206 196 10	SIERRA HWY. & JOHNSON RD.
									SEE F.B. 2846-61
2	13	837	314.5	38 ½ 13 50	263	772	564.5	289 237 52	
				60				62	
—3	~~78~~	~~192~~	~~379.5~~	~~261~~ ~~116~~ ~~40~~ 76	~~223~~	~~400~~	~~524~~ 5	~~116~~ ~~261~~ ~~185~~ 76	
	223	400	524.5	185 136	78	192	379	40 138	
4	186	042	487.5	221 151 70	118	218	419.5	152 84 68	
				206				206	
5	183	347	484.5	218 148 70	120	960	421.5	154 86 68	
				276				274	T = MALDONADO
6	207	262	508.5	244 170 74	105	212	406.5	141 69 72	
				350				346	
7	152	524	453.5	159 145 14	130	573	431.5	138 122 16	
				364				362	
8	136	373	437.5	139 133 6	51	482	352.5	55 47 8	
				370				370	
B.M.201-87								370	
	~~987~~	~~554~~			~~1214~~	~~879~~		740	B.M.201-87
	1132	762			~~987~~	~~554~~			SIERRA HWY. & P.P.# 724426E
	1069	691			~~227~~	~~345~~			SEE F.B. 2846-63
+	63	071			1069	691			

T = 98°

F.B. 2478 Pg. 92

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-1-69

INDEXED C.J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 2:30 TO 3:00 ROD NO. 95896

NOTES CHKD [illegible] DATE

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.

STATION	BACKSIGHT RERUN				FORESIGHT				DESCRIPTION AND REMARKS 6
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-87 TO 201-~~88~~
B.M.201-87									B.M.201-87
1	55	508	356 5	66 50 10	153	309	454 5	158 148 10	SIERRA HWY. & P.P. 724426 E.
									SEE F.B. 2846-63
2	86	646	387 5	116 56 60 70	185	966	486 5	215 155 60 70	
3	102	387	403 5	135 69 66 136	174	100	475 5	208 140 68 138	
4	101	561	402 5	140 62 78 214	171	761	472 5	206 136 70 208	⊼ = MALDONADO
5	125	620	426 5	158 92 66 280	240	185	541 5	276 204 72 280	RERUN
6	142	323	443 5	169 115 54 334	18	764	319 5	145 218 54 334	
7	228	721	529 5	239 217 22 356	126	660	427 5	137 115 22 356	
8	243	788	544 5	247 239 8 364	78	827	379 5	82 74 8 364	
B.M.201-86								364	B.M.201-86
	1086	554 ✓			1149	572 ✓		728	SIERRA HWY. & JOHNSON RD.
					1086	554 ✓			SEE F.B. 2846-61
					43	018 ✓			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=102°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 96716
NOTES BY SIEMANN DATE 7-2-69 TIME 1:30 TO 2:00 ROD NO. 95596
INDEXED D. LOALLI DATE SEP 3 '69 NOTES CHKD. [illegible] DATE
F.B. 2478 PG. 93

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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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-86 TO 201-87
B.M. 201-86									B.M. 201-86
1	52	718	353 5	57 47 10	227	151	528 5	233 221 12	SIERRA HWY. & JOHNSON RD.
									SEE F.B. 2846-61
2	51	762	352 5	69 33 36 46	250	732	551 5	268 232 36 48	
3	114	751	415 5	145 83 62 108	74	900	375 5	105 43 62 110	RERUN
4	207	939	508 5	240 174 66 174	115	889	416 5	148 84 64 174	T = MALDONADO
5	187	072	488 5	224 150 74 248	115	910	416 5	152 78 74 248	
6	179	661	480 5	210 148 62 310	98	071	399 5	128 68 60 308	
7	181	371	482 5	208 154 54 364	118	132	419 5	144 92 52 360	
8	172	405	473 5	175 169 6 370 ✓	83	768	384 5	88 78 10 370 ✓	
B.M. 201-87								370	B.M. 201-87
	1147	679 ✓			1084	553 ✓		740	SIERRA HWY & P.P. #724426 E.
	1084	553 ✓							SEE F.B. 2846-63
	63	126 ✓							

T = 102°

F.B. 2478 Pg. 94

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-2-69

INDEXED B.T. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 2:15 TO ROD NO. 95896

NOTES CHKD [signature] DATE AUG 20 69

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.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-86 TO 201-85
BM 201-86									B.M. 201-86
1	156	368	457 5	174 / 138 36	63	421	364 5	83 / 43 40	Sierra Hwy & Johson Rd. See F.B. 2846-6
2	228	800	529 5	258 / 198 60	158	020	459 5	187 / 129 58	
3	181	960	482 5	212 / 150 62 96	138	652	439 5	168 / 108 60 98	
4	179	512	480 5	216 / 142 74 158	57	142	358 5	94 / 20 74 158	
5	286	632	587 5	1/2 286 / 248 76 232	25	760	326 5	1/2 62 / 25 74 232	⊼ Siemann
6	259	422	560 5	294 / 224 70 308	30	423	331 5	1/2 66 / 30 72 306	
7	242	950	543 5	261 / 223 38 378	32	101	333 5	51 / 13 38 378	
8	222	367	523 5	235 / 209 26 416	103	999	404 5	114 / 92 22 416	
				442 ✓				438 ✓	
								442 ✓	
	1758	011 ✓			609	518 ✓		880 ✓	
	− 609	518 ✓							
	+ 1148	493 ✓							
B.M. 201-85									B.M. 201-85 Sierra Hwy & Ho. # 9807

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°
SURVEY BY Dreier
NOTES BY Fowler DATE 6-6-69
INDEXED C. L. GALLE DATE SEP 8
WEATHER Sun - Breezy INST. NO. 96716
TIME 2:00 To 2:40 ROD NO. 95896
NOTES CHKD. [illegible] DATE
F.B. 2478 PG. 95

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-85 TO BM201-86
BM201-85									BM201-85
									Sierra Hwy. @ Ho. #9807
1	36	288	337 5	54 1/2 36	264	640	565 5	282 246 36	F.B. 2846-60
2	19	672	320 5	51 1/2 19 64	276	958	577 5	308 244 64	
3	57	748	358 5	92 100 22 70	277	778	578 5	277 1/2 100 241 72	
4	44	127	345 5	79 170 9 70	256	780	557 5	290 172 222 68	
5	132	512	433 5	168 240 96 72	183	571	484 5	219 240 147 72	T-Siemann
6	155	193	456 5	185 312 125 60	194	390	495 5	224 312 164 60	
7	112	688	413 5	132 372 92 40	256	358	557 5	277 372 235 42	
8	99	000	400 5	109 412 89 20	95	140	396 5	104 414 86 18	
				432				432	
								432	
	657	228			1805	615		864	
					657	228			
					1148	487			
						3			
									BM201-86
									Sierra Hwy., @ Johnson Rd.
BM201-86									See F.B. 2846-8

F.B. 2478 Pg. 96

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 7-1-69

INDEXED D.T. GALLI DATE

JOB NO. 0301.02

WEATHER Sunny & Windy INST. NO. 96716

TIME 1:45 ROD NO. 95196

NOTES CHKD. [illegible] DATE [illegible]

T-94°

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 Dreier
NOTES BY Foulger
DATE 6-6-69
WEATHER Sun-Breezy
TIME 2:40 To 3:10
INDEXED C. LOALLE
DATE SEP 8 [illegible]
NOTES CHKD. [illegible]
DATE [illegible]
F.B. 2478 PG. 97
INST. NO. 96716
ROD NO. 95496

T=86°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-85 TO 201-84
B.M. 201-85									B.M. 201-85
1	241	046	542 5	261 221 40	43	000	344 5	63 23 40	Sierra Hwy. & Ho. #9807
2	264	546	565 5	294 234 60	73	188	374 5	204 42 62	
3	238	850	539 5	267 209 100 58	83	852	384 5	112 54 102 58	
4	243	402	544 5	272 214 158 58	63	899	364 5	93 33 160 60	
5	283	267	584 5	283 246 216 74	51	511	352 5	88 14 220 74	T Siemann
6	207	322	508 5	238 176 290 62	112	563	413 5	142 82 294 60	
7	183	989	484 5	198 168 352 30	122	207	423 5	138 106 354 32	
8	201	549	502 5	214 188 382 26	162	067	463 5	172 151 386 22	
				408 ✓				408 ✓	
	63							408 ✓	
	18[illegible]	971 ✓			712	287 ✓		816 ✓	
	712	287 ✓							
	+151	684 ✓							
B.M. 201-84									B.M. 201-84
									Sierra Hwy. & culvert #34.70

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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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM201-84 TO BM201-85
BM201-84									BM201-84
				146		43		256	Sierra Hwy & Culvert # 3470
1	116	549	417 5	86 60	226	183	527 5	196 60	See F.B. 2846-59
				144				263	
2	109	500	410 5	74 70	228	964	529 5	193 70	
				86 130				307 130	
3	51	365	352 5	16 70	272	488	573 5	237 70	
				89 200				287 200	K-Siemann
4	54	277	355 5	19 70	252	158	553 5	217 70	
				94 270				301 270	
5	58	175	359 5	22 72	265	160	566 5	229 72	
				34 342				300 342	
6	3	521	304 5	3 1/2 62	300	497	601 5	269 1/2 62	
				404				404	
								404	
	39~~4~~3	387			1545	450		808	
					393	387			
					-1152	063			
BM201-85									BM201-85 Sierra Hwy, @ Ho. # 9807 F.B. 2846-60

T-94°

WEATHER Sunny & windy ST. NO. 96716

TIME 11:25 to 2:25 ROD NO. 95 & 96

NOTES CHKD [signature] DATE AUG 20 '69

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 7-1-69

INDEXED D. J. GALLI DATE

F.B. 2478 PG. 98

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 Malibenche
NOTES BY G.E. Dreier DATE 7-3-69 TIME 8:55 to 9:40 ROD NO. 95 & 96
WEATHER Sunny & Clear INST. NO. 96711
INDEXED DATE NOTES CHKD DATE
T-94° No wind
F.B. 2478 Pg. 99

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM201-85 TO BM201-84
BM201-85									BM201-85 Sierra Hwy., & Ho. # 9807 F.B. 2846-60
1	256	440	557 5	279 233	46	31 077	332 5	54 8	46
2	283	880	584 5	283½ 244½	78	54 352	355 5	92 16	76
3	247	857	548 5	279 215	124 64	57 408	358 5	90 24	122 66
4	231	718	532 5	263 199	188 64	28 110	329 5	63 28½	188 70
5	263	985	564 5	298 228	252 70	106 ~~105~~ 069	407 5	138 74	258 64
6	227	630	528 5	271 183	322 88	82 393	383 5	125 39	322 86
				410				408 410	
	1511	510			359	409		818	
	359	409							
	+1152	101							
BM201-84									BM201-84 Sierra Hwy. & Culvert # 34.70 F.B.

T-Siemann

Re-Run

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 E.F. DRELER
NOTES BY SIEMANN
DATE 6-27-69
TIME 1:10 TO 2:40
WEATHER HAZY, WINDY
INST. NO. 96716
ROD NO. 83296
NOTES CHKD. LATTA
DATE
T = 82°
F.B. 2478, PG. 101

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From 201-84 To B.M. 201-83
B.M. 201-84									B.M. 201-84
1	289 370	590 5		289 / 260 58	5 243	306 5		32 / 5 54	SIERRA HWY. & COLVERT 37.70
									SEE F.B. 2846-59
2	289 972	590 5		289 / 267 44	3 078	304 5		28 / 3 50	
3	295 074	596 5		295 / 268 54 102	80 861	381 5		107 / 53 54 104	
4	179 024	480 5		204 / 154 50 156	188 375	489 5		212 / 164 48 158	
5	88 423	389 5		106 / 70 36 206	258 960	559 5		280 / 236 44 206	
6	20 372	321 5		41 / 1 42 242	285 170	586 5		302 / 268 34 260	
7	13 255	314 5		31 / 13 36 284	289 140	590 5		289 / 270 38 284	T = MALDONADO
8	28 416	329 5		54 / 2 52 320	164 069	465 5		190 / 138 52 322	
9	255 323	556 5		288 / 218 70 372	5 934	306 5		40 / 5 70 374	2009.954 ✓
10	272 789	573 5		283 / 261 22 442	32 672	333 5		42 / 22 20 444	1500.230 ✓
									+ 509.724 ✓
11	169 283	470 5		175 / 163 12 464	110 033	411 5		117 / 103 14 464	
12	108 653	409 5		115 / 101 14 476	76 695	377 5		82 / 70 12 478	
				490				490 ✓	
B.M. 201-83	2009 954	✓			1500 230	✓		490	B.M. 201-83
								980	SIERRA HWY. & COLVERT 37.10
									SEE F.B. 2846-58

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-83 TO 201-84
B.M.201-83									B.M.201-83
1	36	966	337.5	55 / 17 / 38	286	218	587.5	306 / 267 / 39	SIERRA HWY. & CULVERT #37.10
									SEE F.B.2846-58
2	13	032	314.5	34 / 13 / 42 / 80	282	456	583.5	304 / 260 / 44 / 83	
3	91	012	392.5	109 / 73 / 36 / 116	150	866	451.5	166 / 134 / 32 / 115	
4	186	463	487.5	208 / 164 / 44 / 160	6 6	649	367.5	87 / 45 / 42 / 157	
5	243	407	544.5	259 / 227 / 32 / 192	27	271	328.5	42 / 12 / 30 / 187	
6	296	552	597.5	296 / 278 / 36 / 228	26	518	327.5	44 / 8 / 36 / 223	
7	269	278	570.5	289 / 249 / 40 / 268	66	480	367.5	86 / 46 / 40 / 263	π = MALDONADO
8	223	429	524.5	256 / 190 / 66 / 334	183	659	484.5	219 / 149 / 70 / 333	
9	48	457	349.5	80 / 16 / 64 / 398	297	699	598.5	297 / 264 / 66 / 399	
10	16	288	317.5	37 / 16 / 42 / 440	301	413	602.5	301 / 278 / 46 / 445	
11	13	241	314.5	35 / 13 / 44 / 484	247	348	548.5	266 / 228 / 38 / 483	
12	214	891	515.5	227 / 201 / 26 / 510	226	583	527.5	239 / 213 / 26 / 509	
B.M.201-84								510	B.M.201-84
	1653	516			2163	160		1019	SIERRA HWY. & CULVERT #34.70.
					1653	516			SEE F.B.2846-59
					-509	644			

T = 94°

WEATHER CLEAR INST. NO. 96716

TIME 10:15 TO 11:20 ROD NO. 95896

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-1-69

INDEXED G.J. GALLI DATE

F.B. 2478 PG. 102

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 T. Maldonado
DATE 6-30-69
TIME 9:15 to 9:50
WEATHER Sunny & Clear
No wind
T-79°
NOTES CHKD. [illegible]
DATE
INDEXED [illegible]
DATE
ROD NO. 95296
INST. NO. 86716
F.B. 2478 Pg. 103

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 201-83 TO BM 201-82A
BM 201-83									BM 201-83
				281	14	418	315.5	52	Sierra Hwy. & Culvert # 37.10
1	242	833	543.5	203 78	~~13 352~~	~~314.5~~		14 ½ 76	See F.B. 2846-58
				295				45	
2	295	430	596.5	273 ½ 44	23	605	324.5	1 44	
				297 122				44 120	
3	297	609	598.5	282 ½ 30	28	620	329.5	12 32	
				299 152				44 152	
4	299	660	600.5	284 ½ 30	29	928	330.5	14 30	T- Siemann
				295 182				81 182	
5	295	950	596.5	278 ½ 34	64	619	365.5	47 34	
				294 216				57 216	
6	294	322	595.5	267 ½ 54	34	982	335.5	11 46	
				215 270				182 262	
7	208	673	509.5	201 14	170	372	471.5	158 24	
	~~284 122~~			294 284				167 286	
8	~~157 141~~		485	274 20	157	315	458	147 20	
				304				306	
								304	
								610	
	2278 599				523 859				
	523 859								
	+ 1694 740								
									BM 201-82A
									Sierra Hwy., 3.1 mi. w'ly of Ward Rd. 100± S w'ly of N 211
									Box # 8400
									See F.B. 3728-191
BM 201-82A									

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.

F.B. 2478 PG. 104 JOB NO. 03 01.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY Dreier NOTES J. Mattson Jr.
INDEXED R.J. GALLI DATE

WEATHER Breezy Cloudy INST. NO. 76716
TIME 9:25 to 10:00 ROD NO. 95 & 96
NOTES CHKD DATE AUG 20 1996

T-90°

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-82A TO BM 201-83
BM 201-82A									BM 201-82A Sierra Hwy., 3.1 mi. W. of Ward Rd.
1	11 219	3 12.5		34 11 ½ 46	210 342	5 11.5		234 186 48	
2	32 285	3 33.5		55 9 46 92	279 264	5 80.5		302 256 46	See F.B. 3728-191
3	16 148	3 17.5		33 -1 34 126	293 153	5 94.5		293 94 277 ½ 32	
4	16 890	3 17.5		30 2 28 154	296 702	5 97.5		296 126 283 ½ 26	π-Siemann
5	13 460	3 14.5		28 13 ½ 30 184	296 781	5 97.5		296 152 279 ½ 34	
6	21 761	3 22.5		45 21 ½ 48 232	274 575	5 75.5		298 186 250 48	
7	103 500	4 04.5		117 89 28 260	195 280	4 96.5		210 234 180 30	
8	123 359	4 24.5		138 108 30 290	187 369	4 88.5		200 264 174 26	
								290 ✓ 290 ✓ 580 ✓	
	338 622				2033466 ✓ 338 622 ✓ 1694844				
BM 201-83									BM 201-83 Sierra Hwy., @ Culvert # 37.10 See F.B. 2846-58

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 DATE 6-30-69 WEATHER Sunny & Clear TIME 9:50 To 1:01 ROD NO. 95896
NOTES BY T. Malcolmsdo DATE NOTES CHKD. DATE
F.B. 2478 Pg. 105 INST. NO. 96716

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 201-82A TO BM 201-82
BM 201-82A	16 66					16 79					BM 201-82A
									56		Sierra Hwy. 3.1 mi. W. of
1	195 075	496	5	206 184	22	45 683	346	5	34	22	Ward Rd., 100± SW'ly of Mail
				307					36		Box #8400
2	290 348	590	5	273	34	19 089	320	5	2	34	See F.B. 3728-191
				307	56				38	56	
3	290 757	591	5	273	34	21 538	322	5	4	34	
				297	90				28	90	
4	297 940	598	5	279½	36	9 487	310	5	9½	38	
				298	126				54	128	
5	298 687	599	5	283½	30	39 881	340	5	24	30	T-Siemann
				297	156				68	158	
6	297 886	598	5	287½	20	58 022	359	5	48	20	
				300	176				30	178	3805.561
7	300 120	601	5	284½	32	14 581	315	5	-2	32	649.676
				307	208				26	210	+3955.885
8	294 448	595	5	282	25	12 819	313	5	12½	28	
				291	233				60	238	
9	277 482	578	5	263	28	46 650	347	5	32	28	
				278	261				63	266	
10	250 846	551	5	222	56	36 510	337	5	9	54	
				295	317				74	320	
11	295 520	596	5	276½	38	50 650	351	5	26	48	
12	264 388	565	5	279	355	100 119	401	5	110	368	
				249	30				90	20	
BM 201-82	199 055	500	5	204	385	118 570	419	5	123	388	BM 201-82
				194	70				113	10	
14	253 009	554	5	264	395				86	398	Sierra Hwy., 2.7 mi. W'ly of
				242	22	76 077	377	5	66	20	Ward Rd., 90.5 Ft. N'ly of Tr. 107-363
	3805 561				417	649 676				418	See F.B. 2846-57
										417	
										23	

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. 2478 Pg. 106 JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVELNET

SURVEY BY Dreier NOTES Maldonado 6-30-69

INDEXED R.H. GALLI DATE

WEATHER Sunny & Windy INST. NO. 96716

TIME 2:30 to 3:20 ROD NO. 25896

NOTES CHKD. DATE

T-94°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B201-82 TO BM201-82A
BM201-82									BM 201-82
	77			34	615			253	Sierra Hwy. 2.7 mi. W'ly. of
1	29 397	330.5		24 10	247 843	548.5		241 12	Ward Rd., 90.5 Ft. N'ly of TP.# 107-343
				43				292 ½	See F.B 2846-57
2	22 261	323.5		1 42	292 920	593.5		273 ½ 38	
				52				263 50	
3	20 360	321.5		42 ½ 20 44	241 587	542		219 44	
				96				291 94	
4	84 330	385.5		103 65 38	270 438	571.5		249 42	
				134				136	
5	23 198	324.5		41 5 36	293 498	594.5		293 275 ½ 36	K-Siemann
				170				281 ½ 172	
6	17 998	318.5		29 5 24	280 419	581.5		269 ½ 24	
				194				196	
7	39 542	340.5		51 27 24	284 660	585.5		296 272 24	
				218				294 ½ 220	
8	29 767	330.5		42 16 26	294 768	595.5		281 ½ 26	3692.273
				244				246	648.192
9	43 570	344.5		56 30 26	275 350	576.5		288 262 26	3044.081
				270				272	
10	29 171	330.5		45 13 32	288 370	589.5		304 272 32	
				302				304	
11	19 635	320.5		37 1 36	297 900	598		297 ½ 278 ½ 42	3748.010
12	10 740	311.5		27 10 ½ 338	292 080	593.5		292 275 ½ 346	592.455
				34 372				34 380	
13	94 388	395.5		102 86 16	204 342	505.5		210 198 12	−3155.555
				190 388				137 392	
14	183 835	484.5		176 14	128 098	429.5		119 18	
				402				410	BM 201-82A
	648.192				3692.273			402	Sierra Hwy. 3.1 mi. W'ly of
	464.357				3564.175			812	Ward Rd., & 71.0 Ft. SW'ly
	128.098				183.835				of TP.# 107-342
BM201-82A					3748.010				See F.B. 3728-191
	592.455								

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. Drexler DATE 7-3-69 WEATHER T-96° No Wind Sunny & clear INST. NO. 96716
NOTES BY Maldonado TIME 10:00 ROD NO. 95896
INDEXED DATE NOTES CHKD DATE
F.B. 2478 PG. 107

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM201-82A To BM201-82
BM201-82A									BM201-82A
				216				34	Sierra Hwy. By T.P. # 107-342 (S.W. 1/4)
1	204 530	5 05 5		192 24	20 700	321 5		6 28	F.B. 3728-191
				299				49	
2	299 500	600 5		282½ 34	33 522	334 5		17 32	
				299 58				40 60	
3	299 813	600 5		282½ 34	23 884	324 5		6 34	
				295 92				42 94	
4	295 130	596 5		278½ 34	25 185	326 5		8 34	T-Siemann
				299 126				25½ 128	
5	299 420	600 5		285½ 28	11 631	312 5		11 28	
				301 154				28 156	
6	301 121	602 5		287½ 28	14 149	315 5		28 28	Re-Run
				290 182				33 184	
7	277 048	578 5		264 26	20 322	321 5		7 26	
				295 208				28 210	
8	295 070	596 5		280½ 30	14 137	315 5		3 25	
				293 238				37½ 235	
9	293 298	594 5		276½ 34	17 928	318 5		17½ 40	
				297 272				78 275	
10	272 364	573 5		247 50	54 260	355 5		30 48	
				284 322				41½ 323	
11	257 713	558 5		230 54	16 220	317 5		16½ 50	
				196 376				89 373	
12	191 570	492 5		186 10	81 971	382 5		73 16	
				386				389	
				191 10				121 9	
13	186 806	487 5		181 396	116 720	417 5		112 398	
				197				64 6	
14	194 309	495 5		191 6	61 334	362 5		58 404	BM201-82
				402				402	Sierra Hwy. 90.5 ~~48.5~~ Ft. N'ly of
BM201-82	3667 692				511 963			806	T.P. # 107-363
	511 963								F.B. 2846-57
	+3155 729								

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. 2478 Pg. 108 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVELNET SURVEY BY Drever NOTES Makinado 7-3-69 DATE INDEXED D.L. GALLA

T-96 WEATHER Sunny & Breezy WST. NO. 96714 TIME 11:05 to 12:00 ROD NO. 95486 NOTES CHKD DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM201-82 TO BM201-82A
BM 201-82											BM 201-82
				58	6				209		Sierra Hwy, 90.5 Ft. N'ly of
1	65	947	356 5	52	~~46~~	206	537	507 5	203	6	T.P. #107-363
				33					296	36	F.B. 2846-57
2	14	877	315 5	14½	38	296	106	597 5	278½	~~44~~ 42	
				~~79~~	44				282	~~58~~	
3	27	647	328 5	6½	~~42~~	260	302	561 5	238	44	
					~~86~~				292	86	
				91							
4	69	252	370 5	47	44	271	632	572 5	250	42	
				36	130				296	128	
5	15	520	316 5	15½	42	296	759	597 5	278½	36	T-Siemann
					~~172~~				301	164	
				24					287½	28	
6	12	446	313 5	0	24	301	191	602 5			
					~~196~~				297	192	Re-Run
				30							
7	15	339	316 5	0	30	297	238	598 5	282½	30	
					~~226~~					222	
				31					300		
8	17	044	318 5	3	28	300	840	601 5	285½	30	
				35	254				304	252	
9	20	210	321 5	5	30	288	711	589 5	272	32	
					284				297	284	
				46							
10	30	111	331 5	14	32	281	270	582 5	265	32	
					316					316	
				30					300		
11	11	188	312 5	11½	38	300	230	601 5	282½	36	
				32	354				308	352	
12	14	209	315 5	14½	36	290	030	591 5	274	34	
				145	390				191	386	
13	140	430	441 5	135	10	184	460	485 5	177	14	
				122	~~400~~				~~126~~	400	
14	114	796	415 5	108	16	139	484	440	132	12	
					416				133	418	BM 201-82A
	559	016				3714	780			416	Sierra Hwy, 71.0 Ft. S.W'ly.
						559	016			828	of T.P. #107-342
BM201-82A						-3155	774				F.B. 3728-191

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-82 TO BM201-81
B.M.201-82									B.M.201-82
1	109	610	410 5	122 96 26	55	297	356 5	67 43 24	SIERRA HWY. 2.7 M. W. OF WARD RD. SEE F.B. 2846-57
2	287	420	588 5	304 270 34 60	20	887	321 5	36 4 32 56	
3	301	538	602 5	301 284 36 96	12	781	313 5	30 12 36	
4	288	204	589 5	303 273 30 126	13 ~~10~~	060 ~~166~~	314 5 ~~311 5~~	30 213 92 ~~127 270 34~~ 126	
5	290	559	591 5	306 275 31 157	15	926	316 5	30 0 30 156	
6	297	532	598 5	297 280 34 191	22	571	323 5	38 6 32 188	π: MALDONADO
7	296	963	597 5	296 280 32 223	21	699	322 5	37 5 32 220	
8	297	539	598 5	297 280 34 257	13	081	314 5	30 13 34 254	3253.715 ✓
9	299	588	600 5	299 283 32 289	16	172	317 5	33 16 34 288	352.068 ✓
10	298	882	599 5	298 281 34 323	15	134	316 5	32 15 34 322	+2901.647 ✓
11	287	079	588 5	301 273 28 351	44	122	345 5	58 30 28 350	
12	198	801	499 5	204 192 12 363	101	338	402 5	106 96 10 360	
B.M.201-81								363	B.M.201-81
	3253	715 ✓			352	068 ✓		723	SIERRA HWY. & 21 M. W. OF WARD RD. SEE F.B. 2846-56

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier WEATHER CLEAR INST. NO. 96716
NOTES BY Steinman DATE 6-30-69 TIME 11:00 TO 12:10 ROD NO. 95E96
NOTES CHKD. [illegible]

F.B. 2478 Pg. 109

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. 2478 Pg. 110 JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET SURVEY BY DRIER NOTES SIEMANN 6-30-69 INDEXED C.T. GALLI DATE

WEATHER HAZY TIME 1:30 TO 2:30 NOTES CHKD. DATE INST. NO. 96716 ROD NO. 10 DATE

T = 94°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-81 TO 201-82
B.M. 201-81									B.M. 201-81
1	58 361	359 5		68 48 20	240 857	541 5		250 230 20	SIERRA HWY. 2.1 M. W. OF
									WARD RD. SEE F.B. 2846-56
2	28 913	329 5		42 14 28	265 628	566 5		278 252 26	
				48				46	
3	14 162	315 5		29 14 30	271 972	572 5		285 256 30	
				78				76	
4	26 180	327 5		38 14 24	247 657	548 5		260 234 26	
				102				102	
5	17 971	318 5		33 1 32	267 810	568 5		282 252 30	
				134				132	
6	20 481	321 5		36 4 32	288 491	589 5		303 273 30	
				166				162	
7	44 727	345 5		56 32 24	278 806	579 5		292 264 28	T = MALDONADO
				190				190	
8	12 559	313 5		226 212 28	273 247	574 5		287 259 28	
				218				218	
9	28 757	329 5		45 15 26	276 701	577 5		290 262 28	3512.516 ✓
				244				246	611.083 ✓
10	45 445	346 5		57 33 24	237 128	538 5		249 225 24	- 2901.433 ✓
				268				270	
11	27 010	328 5		43 11 32	266 839	567 5		280 252 28	
				300				298	
12	40 892	341 5		54 26 28	268 576	569 5		282 254 28	
13	47 358	348 5		60 34 328	181 398	482 5		194 168 326	
				354				352	
14	198 267	499 5		201 195 6	147 413	448 5		150 144 6	B.M. 201-82
	611 083 ✓			360	351 2516 ✓			358	SIERRA HWY. 2.7 M. W. OF
B.M. 201-82								360 ✓ 718	WARD RD. SEE F.B. 2846-57

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 SIEMANN DATE 7-3-69
INDEXED [illegible] DATE [illegible]

T=98°
WEATHER WINDY
TIME 2:00 TO 2:15
NOTES CHKD. [illegible]

F.B. 2478 Pg. 111
INST. NO. 96716
ROD NO. 95896

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 201-81 TO 201-80A
B.M.201-81									B.M.201-81
1	276	465	577 5	295 / 257 38	13	561	314 5	129 / 213 32	SIERRA HWY. ACROSS FROM
									P.P. # 107381. SEE F.B. 2846-56
2	297	198	598 5	297 / 283 28 / 66	18	057	319 5	30 / 6 24 / 56	
3	252	788	553 5	264 / 240 24 / 90	11	171	312 5	126 / 211 30 / 86	π = MALDONADO
4	279	580	580 5	290 / 268 22 / 112	18	358	319 5	30 / 6 24 / 110	
5	225	072	526 5	231 / 119 12 / 124	54	959	355 5	62 / 46 16 / 126	
6	215	047	516 5	220 / 210 10 / 134	101	382	402 5	105 / 97 8 / 134	
B.M.201-80A								134	B.M.201-80A
	1546	150			217	488		268	SIERRA HWY. & CULVERT #32.58
	217	488							SEE F.B. ~~2846~~-3728-185
	+1328	662							

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-80A TO 201-81
B.M.201-80A									B.M. 201-80A
1	25	883	326 5	36 14 22	272	902	573 5	284 260 24	SIERRA HWY. & CULVERT #32.58
									F.B. 3728-185
2	22	890	323 5	32 12 20	250	353	551 5	260 240 20	
				42				44	
3	23	639	324 5	34 12 22	249	309	550 5	260 238 22	
				64				66	
4	38	068	339 5	48 28 20	239	448	540 5	249 229 20	π = ANDERSON
				84				86	
5	39 ~~40~~	910	340 5	49 29 20	232	622	533 5	242 222 20	
				104				106	
6	21	499	322 5	35 7 28	255	879	556 5	269 241 28	
				132				134	
B.M.201-81								132	B.M. 201-81
	171	889			1500	513		266	SIERRA HWY. & P.P. #107381
					171	889			SEE F.B. 2846-56
					-1328	624			

T = 84°

WEATHER WINDY INST. NO. 96715

TIME 1:45 T 02:05 ROD NO. 95896

NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 112 JOB NO. 0301.02

SURVEY OF L.A.CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-9-69

INDEXED [illegible] 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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN
DATE 7-3-69
WEATHER WINDY
TIME 2:20 TO 3:05
INST. NO. 76116
ROD NO. 95496
T = 100
F.B. 2478 Pg. 1/3

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM 201-80 A TO 201-80
B.M.201									B.M. 201-80A
1	299 460	600 5		299 286 26	14 286	315 5		26 2 24	SIERRA HWY. & CULVERT # 32.58
									SEE F.B. 3728-185
2	287 713	588 5		298 276 22	13 392	314 5		24 2 22	
				48					46
3	277 501	578 5		288 266 22	10 118	311 5		22 -2 24	
				70					70
4	267 222	568 5		278 256 22	17 963	318 5		29 5 24	
				92					94
5	271 403	572 5		281 261 20	14 686	315 5		24 4 20	
				112					114
6	259 571	560 5		270 248 22	27 316	328 5		38 16 22	
				134					136
7	246 662	547 5		257 235 22	13 282	314 5		23 3 20	T = MALDONADO
				156					156
8	301 687	602 5		301 279 24	35 193	336 5		46 24 22	+ 3784.596
				180					178
9	268 978	569 5		278 258 20	18 032	319 5		28 8 20	- 255.056
				200					198
10	274 939	575 5		285 263 22	12 968	313 5		23 1 22	+ 3529.540
				222					220
11	265 260	566 5		275 255 20	11 705	312 5		22 0 22	
				242					242
12	258 487	559 5		269 247 22	26 201	327 5		36 16 20	
				264					262
13	270 559	571 5		280 260 20	19 733	320 5		30 8 22	
				284					284
14	235 154	536 5		244 226 18	20 181	321 5		29 11 18	
				302					302 B.M. 201-80
B.M. 201-80									302 SIERRA HWY. & P.P. # 676610.5
	3784 596				255 056				604 SEE F.B. 2846-55

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-80 TO B.M. 201-80A
B.M. 201-80									B.M. 201-80
1	~~49~~	~~442~~	~~350 5~~	~~55~~ ~~43~~ 12	~~230~~	~~618~~	~~531 5~~	~~235~~ ~~225~~ ~~10~~	SIERRA HWY. & P.P.# 676610 E
	48	150	349 5	54 42	240	668	541 5	246 234 12	SEE F.B. 2846-55
2	28	716	329 5	40 16 24	261	622	562 5	272 250 22	
				36				34	
3	17	931	318 5	27 7 20	255	402	556 5	266 244 22	
				56				56	
4	12	491	313 5	23 1 22	266	355	567 5	277 255 22	
				78				78	
5	27	620	328 5	37 17 20	261	769	562 5	271 251 20	
				98				98	
6	9	259	310 5	1/2 20 9 22	268	859	569 5	279 257 22	
7	28	920	329 5	38 18 120	264	538	565 5	274 254 120	
				20 140				20 140	π: ANDERSON
8	30	184	331 5	40 20 20 160	269	963	570 5	279 259 20 160	
9	16	217	317 5	26 6 20	252	490	553 5	262 242 20	
				180				180	4127.636 ✓
10	21	954	322 5	31 11 20 200	260	751	561 5	270 250 20 200	597.997 ✓
11	25	839	326 5	35 15 20	259	272	560 5	269 249 20	-3529.639 ✓
				220				220	
12	10	291	311 5	20 0 20 240	261	230	562 5	271 251 20 240	
13	30	880	331 5	40 20 20	258	808	559 5	268 248 20	
				260				260	
14	17	880	318 5	27 7 20 280	256	490	557 5	266 246 20 280	
15	42	623	343 5	50 34 16 296	237	172	538 5	246 228 18 298	
16	229	042	530 5	237 219 20	252	247	553 5	262 242 20	B.M. 201-80A
				316				318	SIERRA HWY. & CULVERT # 3258
B.M. 201-80A								316	SEE F.B. 3728-185
	597	997	✓		4127	636	✓	634	

T = 80°

WEATHER WINDY INST. NO. 96716

TIME 11:00 TO ROD NO. 95896

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-9-69

INDEXED C.L. GALLT DATE

F.B. 2478 Pg. 114

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. DREIER

NOTES BY R. ANDERSON DATE 7/7/69

WEATHER CLEAR & COLD INST. NO. 96716

TIME 9:40 A.M. ROD NO. 95896

NOTES CHKD. [illegible]

F.B. 2478 Pg. 115

T = 70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM 201-80 TO BM 201-79A
BM 201-80													B.M. 201-80
					246						48		SIERRA HWY, 1.7 MI. W. OF
1	229	615	530	5	212	34	32	092	333	5	16	32	WARD RD. - N.W. OF RD.
					298						60		F.B. 2846-55
2	298	350	599	5	287 1/2	22	49	142	350	5	38	22	
					298	56					33	54	
3	298	798	599	5	286 1/2	24	20	783	321	5	7	26	
					296	80					64	80	
4	296	315	597	5	284 1/2	24	52	652	353	5	40	24	
					301	104					38	104	
5	301	470	602	5	289 1/2	24	26	700	327	5	14	24	T SIEMANN
					296	128					56	128	
6	284	968	585	5	272	24	44	358	345	5	32	24	
					301	152					45	152	+ 3942.603 ✓
7	301	170	602	5	289 1/2	24	33	293	334	5	21	24	- 655.721 ✓
					300	176					50	176	
8	288	790	589	5	276	24	38	359	339	5	26	24	+ 3284.882 ✓
					299	200					45	200	
9	287	540	588	5	275	24	33	862	334	5	21	24	
					301	224					58	224	
10	287	418	588	5	273	28	46	130	347	5	34	24	
B.M. 201-79A					300	252					41	248	B.M. 201-79A
11	287	030	588	5	274	26	27	910	328	5	13	28	SIERRA HWY, 1.4 MI. W. OF
					302	278					50	276	WARD RD. - N. SIDE OF RD.
12	289	199	590	5	276	26	36	310	337	5	22	28	F.B. 3728-181
					268	304					70	304	
13	256	747	557	5	244	24	58	291	359	5	46	24	
					242	328					162	328	
14	235	193	536	5	228	14	155	839	456	5	148	14	
	+ 3942	603 ✓				342	655	721 ✓				342	3/684 Mtrs.

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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. 201-79A TO B.M. 201-80
B.M. 201-79A									B.M. 201-79A
1	39	703	340 5	52 26 26	260	048	561 5	273 247 26	SIERRA HWY, 1.4 MI. W.
2	13	668	314 5	28 13 (1/2) 30	296	270	597 5	296 281 (1/2) 30	OF WARD RD, - NO. SIDE OF RD.
3	22	770	323 5	37 7 56 30	295	284	596 5	295 280 (1/2) 56 30	F.B 3728-181
4	15	150	316 5	29 1 86 28	296	880	597 5	296 282 (1/2) 86 28	
5	17	800	318 5	30 4 114 26	301	688	602 5	301 287 (1/2) 114 28	T SIEMANN
6	11	556	312 5	24 11 (1/2) 140 26	286	087	587 5	298 274 142 24	
7	17	158	318 5	30 4 166 26	300	032	601 5	300 286 (1/2) 166 28	
8	14	532	315 5	27 1 192 26	298	218	599 5	298 285 (1/2) 194 26	
9	13	170	314 5	27 -1 218 28	300	618	601 5	300 286 (1/2) 220 28	
10	11	258	312 5	26 11 246 (1/2) 30	293	668	594 5	305 281 248 24	
11	19	925	320 5	32 6 276 26	299	377	600 5	299 286 (1/2) 272 26	
	55	807	356 5	65 45 302 20	289	400	590 5	301 277 298 24	
12	×			322			3 5	322	
13	108	280	409 5	110 106 4	152	567	453 5	155 149 6	
14	177	607	478 5	182 172 326 10	155	132	456 5	159 151 328 8	
				336				336	B.M. 201-80
	538	384 ✓			3825	269 ✓		336	SIERRA HWY, 1.7 MI. W.
					538	384 ✓		672	OF WARD RD - N.W. OF RD.
					-3286	885 ✓		~~6885~~	F.B 2846-55

T = 780

F.B. 2478 Pg. 116

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. ANDERSON 7/9/69

INDEXED [illegible] DATE

JOB NO. 0301.02

WEATHER CLEAR & CALM INST. NO. 96716

TIME 10:10 A.M. ROD NO. 95496

NOTES CHKD [illegible] DATE [illegible]

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. DREILER
NOTES BY: R. ANDERSON DATE 7/7/69 WEATHER CLEAR & COLD INST. NO. 26716
TIME 10:30 A.M. ROD NO. 28592
CHECKED: R.J. CALL DATE 8-8-69 NOTES CHKD. DATE
T = 70°
F.B. 2478 Pg. 112

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 201-79A TO B.M. 201-79
B.M. 201-79A											B.M. 201-79A SIERRA HWY, 1.4 MI. W. OF WARD RD. - N. SIDE OF RD. F.B. 3728-181
1	277 513	578	5	290 / 269	26	27 495	328	5	42 / 12	30	
2	294 150	595	5	307 / 281	26	45 010	346	5	57 / 33	24	
3	285 228	586	5	298 / 272	52 / 26	39 990	340	5	52 / 26	54 / 26	
4	300 969	601	5	300 / 286 1/2	78 / 28	24 072	325	5	37 / 11	80 / 26	T SIEMANN
5	273 878	574	5	285 / 261	106 / 24	57 735	358	5	69 / 45	106 / 24	
6	256 031	557	5	263 / 249	130 / 14	99 712	400	5	106 / 92	130 / 14	
					144					144	
										144	
	1687.769					294014				288	NOTES
	294.014										
	+1393755										
B.M. 201-79											B.M. 201-79 SIERRA HWY, 1.2 MI. W. OF WARD RD. - N. SIDE OF RD. F.B. 2846-54

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. 2478 Pg. 118 JOB NO. 0301.02

SURVEY OF I.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. ANDERSON 7/9/69

INDEXED D.T. GALL DATE

WEATHER CLEAR 64° H.A. INST. NO. 26716

TIME 9:45 A.M. ROD NO. 95496

NOTES CHKD. DATE

T = 76°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM B.M. 201-79 TO B.M. 201-79A
B.M. 201-79													B.M. 201-79
					35						298		SIERRA HWY, 1.2 MI. W.
1	19	295	320	5	19	32	298	412	599	5	284	28	OF WARD RD. - No. S105 OF RB
					32						299		F.B. 2846 - 54
2	19	747	320	5	6	26	299	633	600	5	286	26	
					28	58					297	54	
3	17	752	318	5	6	22	297	479	598	5	284	26	
					34	80					300	80	
4	22	933	323	5	10	24	288	937	589	5	276	24	
					29	104					282	104	T SIEMANN
5	16	844	317	5	3	26	269	718	570	5	256	26	
					149	130					185	130	
6	147	020	448	5	145	4	183	129	484	5	181	4	
						134						134	
												134	
	243591						1637308					268	MTRS
							243591						
B.M. 201-79A							1393717						B.M. 201-79A
													SIERRA HWY, 1.4 MI. W.
													OF WARD RD. - No. S105 OF RB
													F.B. 3728 - 181

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 SIEMANN DATE 7-7-69

WEATHER LT. BREEZE INST. NO. [illegible]

TIME 11:00 TO 11:50 ROD NO. 95896

F.B. 2478 PG. 119

T = 70°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 201-79 TO B.M. 201-78
B.M. 201-79							B.M. 201-79
							SIERRA HWY. & P.P. # 676620 E.
1	149 718	450 5	171 127 44	40 750	341 5	61 19 42	SEE F.B. 2846-54
2	218 850	519 5	240 196 44	188 197	489 5	209 167 42	
			88			84	
3	35 918	336 5	53 17 36	291 701	592 5	291 272 38	
			124			122	
4	25 240	326 5	39 11 28	290 013	591 5	290 275 30	
			152			152	
5	17 315	318 5	31 3 28	276 987	577 5	290 262 28	
			180			180	
6	12 957	312 5	25 11 28	268 650	569 5	282 254 28	π = ANDERSON
			208			208	
7	14 942	315 5	28 0 28	261 832	562 5	274 248 26	
			236			234	
8	16 362	317 5	29 3 26	251 792	552 5	264 238 26	
			262			260	
9	11 850	312 5	24 11 26	265 098	566 5	279 251 28	
			288			288	
10	21 481	322 5	34 8 26	259 630	560 5	273 245 28	
			314			316	
11	14 128	315 5	27 1 26	271 212	572 5	285 257 28	
			340			344	
12	11 820	312 5	25 11 28	267 090	568 5	280 254 26	
			368			370	
13	25 639	326 5	35 15 28	187 263	488 5	196 178 18	
			398			388	
14	99 550	400 5	106 92 14	152 513	453 5	160 144 16	
			402			404 ✓	
			410 ✓			410 ✓	
B.M. 201-78						402	B.M. 201-78
	674 770 ✓			3 272 728 ✓		806	SIERRA HWY. & CULVERT # [illegible]
				674 770 ✓		814	SEE F.B. 2846-53
				-2 597 958 ✓			

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.

T = 900

WEATHER Sunny & Breezy INST. NO. 96716
TIME 2:00 to 3:00 ROD NO. 95896
NOTES CHKD DATE

JOB NO. 0301.02
NOTES Maldonado 7-8-69
DATE

P.B. 2479 Pg. 120
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY Dreier
INDEXED E.J. GILL

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-78 TO B.M. 201-79
B.M. 201-78									B.M. 201-78
				274				38	SIERRA HWY & CULV. #31.24
1	261 498	562 5		248 26	25 498	326 5		12 26	
				275				46	F.B. 2846-53
2	262 572	563 5		249 26	34 003	335 5		22 24	
				295 52	13			28½ 50	
3	280 281	581 5		265 30	~~12~~ 842	314 5		13 30	
				82				80	
				287				42	
4	273 792	574 5		259 28	28 412	329 5		14 28	
				294 110				29 108	
5	279 643	580 5		264 30	14 663	315 5		14½ 30	
				140				138	
				296				41	
6	282 142	583 5		268 28	27 603	328 5		13 28	T ANDERSON
				290 168				30 166	
7	276 280	577 5		262 28	15 082	316 5		0 30	
				292 196				27 196	
8	278 252	579 5		264 28	13 082	314 5		13½ 28	
				295 224	17			32 224	
9	280 751	581 5		265 30	~~18~~ 945	318 5		2 30	
				284 254				27 254	
10	279 022	575 5		264 20	16 520	317 5		5 22	
				262 274				37 276	
11	251 746	552 5		240 22	25 297	326 5		13 24	
				228 296				92 300	
12	210 842	511 5		192 36	75 012	376 5		58 34	
				88 332				263 334	
13	63 230	364 5		38 50	239 908	540 5		215 48	
				46 382				175 382	
14	37 182	338 5		28 18	126 948	467 5		157 18	
				400 ✓				400 ✓	BM 201-79
	3312233		✓		713815 ✓			400	Sierra Hwy., & P.P. 676620E
	713815		✓					800	F.B. 2846-54
BM 201-79	2598418		✓						

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 SIEMANN DATE 7-10-69

INDEXED C. LOGAN DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:50 TO 11:40 ROD NO. 95496

NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 121

T: 90°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 201-79 TO 201-78
B.M. 201-79									B.M. 201-79
1	276	747	577 5	297 / 255 42	29 / ~~30~~	942	330 5	50 / 8 42	SIERRA HWY. & P.P. #
									SEE F.B. 2846-54
2	177	454	478 5	210 / 144 66 / 108	297	390	598 5	297 / 264 66 / 108	
3	29	850	330 5	40 / 18 22 / 130	239	653	540 5	249 / 229 20 / 128	
4	25	102	326 5	35 / 15 20 / 150	240	465	541 5	250 / 230 20 / 148	
5	25	680	326 5	35 / 15 20 / 170	239	372	540 5	249 / 229 20 / 168	
6	39	978	340 5	49 / 29 20 / 190	233	139	534 5	243 / 223 20 / 188	
7	40	839	341 5	52 / 29 23 / 213	238	218	539 5	249 / 227 22 / 210	π = ANDERSON
8	43	003	344 5	54 / 32 22 / 235	250	538	551 5	262 / 238 24 / 234	RE RUN
9	34	883	335 5	46 / 22 24 / 259	253	940	554 5	266 / 240 26 / 260	+ 3604.815 ✓
10	26	030	327 5	38 / 14 24 / 283	243	229	544 5	255 / 231 24 / 284	+ 1006.891 ✓
									− 2597.924 ✓
11	28	701	329 5	40 / 16 24 / 307	240	428	541 5	252 / 228 24 / 308	
12	30	812	331 5	42 / 18 24 / 331	251	519	552 5	263 / 239 24 / 332	
13	34	078	335 5	46 / 22 24 / 355	253	941	554 5	265 / 241 24 / 356	
14	13	012	314 5	27 / 13 28 / 383	267	273	568 5	281 / 253 28 / 384	
15	79	860	380 5	84 / 74 10 / 393	176	121	477 5	181 / 171 10 / 394	
16	100	862	401 5	103 / 97 6 / 399	149	647	450 5	152 / 146 6 / 400	B.M. 201-78
									SIERRA HWY & CULVERT # 31.24
B.M. 201-78								399	SEE F.B. 2846-53
	+ 1006	891 ✓			− 3604	815 ✓		799 ✓	

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-78 TO 201-79
B.M. 201-78									B.M. 201-78
1	255	715	556 5	268 242 26	35	122	336 5	48 22 26	SIERRA HWY. & CULVERT #31-24 SEE F.B. 2846-53
2	268	391	569 5	280 256 24 50	38	221	339 5	50 26 24 50	
3	257	058	558 5	269 245 24 74	40	773	341 5	52 28 24 74	
4	264	072	565 5	277 251 26 100	22	167	323 5	35 9 26 100	
5	275	722	576 5	290 260 30 130	10	202	311 5	25 ½ 10 30 130	
6	276	188	577 5	290 262 28 158	11	303	312 5	25 ½ 11 28 158	
7	270	690	571 5	284 256 28 186	15	388	316 5	30 0 30 188	
8	275	056	576 5	289 261 28 214	19	476	320 5	32 6 26 214	π = ANDERSON RERUN
9	278	350	579 5	292 264 28 242	13	729	314 5	22 ½ 13 28 242	
10	288	112	589 5	301 275 26 268	22	265	323 5	23 1 22 264	
11	263	882	564 5	276 250 26 294	13	654	314 5	26 0 26 290	
12	229	766	530 5	245 213 32 326	74	058	375 5	89 59 30 320	
13	125	785	426 5	144 106 38 364	215	270	516 5	239 191 48 368	
14	19	852	320 5	35 3 32 396	228	759	529 5	242 214 28 396	
B.M. 201-79								396	B.M. 201-79
	3348	639	✓		750	387	✓	792	SIERRA HWY. & P.P. SEE F.B. 2846-54
	750	387	✓						
	[illegible]	52							
	+ 2598	252	✓						

F.B. 2478 Pg. 122 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-10-69

INDEXED [illegible] GALLI DATE

WEATHER LT. WIND INST. NO. 96716

TIME 1:10 TO 2:00 ROD NO. 95896

NOTES CHKD [illegible] DATE

T = 88

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 SIEMANN

DATE 7-7-69

TIME 1:30 TO 2:00

WEATHER LT. BREEZE

ROD NO. 95596

T-720

F.B. 2893 No. 125

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From 201-78 To 201-77A
B.M.201-78									B.M.201-78
1	48 739		349 5	63 33 30	257 701		558 5	272 242 30	SIERRA HWY. & CULVERT π 31.24 SEE F.B. 2846
2	28 840		329 5	44 12 32 / 62	283 631		584 5	301 265 36 / 66	
3	11 253		312 5	30 11 38 / 100	289 332		590 5	289 269 40 / 106	
4	17 512		318 5	32 2 30 / 130	260 394		561 5	272 248 24 / 130	
5	25 671		326 5	40 10 30 / 160	285 592		586 5	301 269 32 / 162	π = MALDONADO
6	16 108		317 5	32 2 30 / 190	286 449		587 5	301 271 30 / 192	
7	29 268		330 5	44 14 30 / 220	269 871		570 5	283 255 28 / 220	
8	33 393		334 5	51 15 36 / 256	269 677		570 5	288 250 38 / 258	
B.M.201-77A	21 0784							256 / 514	B.M.201-77A SIERRA HWY. & SHANONDALE RD. SEE F.B. 3728-175
					2202 647				
					210 784				
					- 1991 ~~853~~ 863				

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-77A TO 201-78
B.M. 201-77A									B.M. 201-77A (CULV. #30.92)
									SIERRA HWY. & SHANNONDALE RD.
									SEE F.B. 3728-175 N.E. COR
				297	15			36	
1	297	317	598 5	276 (1/2 42	46	750	316 5	15 (1/2 42	
				300				33	
2	300	418	601 5	285 (1/2 30	17	561	318 5	1 32	
				282 72				42 74	
3	268	320	569 5	264 28	28	461	329 5	14 28	
				274 100				67 102	
4	261	135	562 5	248 26	56	202	357 5	45 22	
				288 126				51 124	⊼ MALDONADO
5	274	761	575 5	260 28	37	343	338 5	23 28	
				272 154				57 152	
6	257	172	558 5	242 30	42	602	343 5	27 30	
				264 184				54 182	
7	250	810	551 5	236 28	40	369	341 5	26 28	
				259 212				63 210	
8	245	289	546 5	231 28	49	710	350 5	35 28	
				229 240				99 238	
9	220	252	521 5	211 18	89	977	390 5	79 20	
				94 258				100 258	
10	85	913	386 5	76 18	91	433	392 5	82 18	
B.M. 201-78				276 ✓				276 ✓	B.M. 201-78
								276	SIERRA HWY & CULV. #31.24
	2461	387 ✓			469	408 ✓		552	
	469	408 ✓							F.B. 2846-53
	+1991	979 ✓							

T = 80°

F.B. 2478 PG. 124

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

SURVEY BY DREIER NOTES R. ANDERSON 7/8/69

INDEXED C.L. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 96716

TIME 1:15 P.M. ROD NO. 95896

NOTES CHKD [illegible] DATE [illegible]

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 SIEMANN DATE 7-7-69

WEATHER LT. BREEZE INST. NO. 96716

TIME 200 TO 2:20 ROD NO. 95796

T: 72°

F.B. 2478 PG. 125

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM 201-77A TO 201-77
B.M. 201-77A									B.M. 201-77A
1	14	481	315 5	1/2 32 14 36	260	028	561 5	276 242 34	SIERRA HWY. & SHANNONDALE RD.
									SEE F.B. 3728-175
2	25	829	326 5	44 6 38	266	248	567 5	285 247 38	
				74				72	
3	12	029	313 5	1/2 34 12 44	281	690	582 5	304 258 46	
				118				118	
4	17	167	318 5	1/2 39 17 44	270	639	571 5	291 249 42	π = MALDONADO
				162				160	
5	37	468	338 5	53 21 32	247	211	548 5	264 230 34	
				194				194	
6	97	151	398 5	104 90 14	166	922	467 5	173 159 14	
				208				208	
B.M. 201-77								208	B.M. 201-77
	204	125			492	738		416	SIERRA HWY. & CULVERT #30.66
					204	125			SEE F.B.
					-288	613			

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-77 TO 201-77 A
BM201-77		519		290				39	B.M. 201-77
1	269	~~519~~	570 5	248 42	18	399	319 5	18 (1/2 42	SIERRA HWY. & CULVERT #30.66
				290				35	SEE F.B. 2846-52
2	269	361	570 5	248 42	14	902	315 5	14 (1/2 42	
				295 84				47 84	
3	276	110	577 5	257 38	28	142	329 5	9 38	
				276 122				71 122	
4	258	177	559 5	240 36	54	131	355 5	37 34	
				283 158				42 156	
5	264	383	565 5	245 38	22	798	323 5	2 40	
				174 196				84 196	T MALDONADO
6	165	883	466 5	156 18	76	402	377 5	68 16	
				214				212	
								214	
	1503	433			214	774		426	MTRS
	214	774							
	+1288	659							
B.M. 201-77A									B.M. 201-77A (CULV. #30.92) SIERRA HWY & SHANNONDALE RD. F.B. 3728-175 N.E. COR.

T = 90°

F.B. 2478 Pg. 126

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. ANDERSON 7/8/69

INDEXED C. L. GALLI DATE

JOB NO. 0301.02

WEATHER SLEAR & CALM INST. NO. 96716

TIME 11:20 A.M. ROD NO. 95196

NOTES CHKD [illegible] 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 SIEMANN DATE 7-7-69 TIME 2:30 TO

WEATHER LT. BREEZE INST. NO. 96716

ROD NO. 95596

F.B. 2478 Pg. 127

T: 72°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-77 TO B.M. 201-76
B.M. 201-77									B.M. 201-77
1	30	779	331 5	1/66 30 32	211	248	512 5	246 176 70	SIERRA HWY. & CULVERT #30.66 SEE F.B. 2846-52
2	77	381	378 5	112 42 70 142	229	178	530 5	262 196 66 136	
3	27	267	328 5	48 6 42 184	295	079	596 5	295 271 48 184	
4	33	098	334 5	49 17 32 216	289	663	590 5	306 272 34 218	
5	29	127	330 5	44 14 30 246	258	751	559 5	273 243 30 248	
6	23	319	324 5	38 8 30 276	272	810	573 5	288 256 32 280	⊼ MALDONADO
7	30	372	331 5	44 16 28 304	235	900	536 5	247 223 24 304	
8	42	361	343 5	61 23 38 342	229	449	530 5	248 210 38 342	
9	94	701	395 5	127 61 66 408	225	883	526 5	259 191 68 410	
10	64	820	365 5	91 37 54 462	282	810	583 5	282 256 1/2 52	
11	37	563	338 5	56 18 38 500	263	907	564 5	282 244 38 500	
12	86	513	387 5	96 76 20 520	28	261	329 5	38 18 20 520	B.M. 201-76
201-76	577	301			2022	939		520	SIERRA HWY. ~~1.95 MI. W. OF CROWN VALLEY RD.~~
					577	301		1040	NO. SIDE OF RD. W. OF FRWY. OFF
					-~~3400~~	~~240~~			F.B. 2846-~~50~~ 51
					-2245	638			

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 201-76A TO B.M. 201-77
B.M. 201-76A	556	46		187				34	B.M. 201-76A
	162	735	463 5	141 ~~30~~ 42	11	058	312 5	11 ~~91~~ 46	SIERRA HWY, ~~1.95 MI. W.~~
1	~~23~~	~~167~~	~~324 5~~	~~13~~ 20	~~81~~	~~412~~	~~382 5~~	~~71~~ 20	~~OF CROWN VALLEY RD.~~
	263	578	564 5	283 ~~30~~ 243 40	56	769	357 5	76 ~~54~~ 36 40	NO. SIDE OF RD. W. OF FRWY ON OFF
2	~~279~~	~~032~~	~~580 5~~	~~257 44~~	~~33~~	~~323~~	~~384 5~~	~~12 2~~	F.B. 2846-~~50~~ 51
				257 82				115 86	
3	223	362	524 5	189 68	84	850	385 5	53 62	
				228 150				54 148	
4	204	313	505 5	180 48	30	711	331 5	6 48	
				256 198				30 196	
5	241	318	542 5	226 30	13	959	314 5	13 1/2 34	T MALDONADO
				299 228				33 230	
6	283	903	584 5	267 32	15	139	316 5	15 1/2 34	
				270 260				41 264	
7	255	750	556 5	240 30	28	698	329 5	15 26	
				275 290	36			51 290	
8	260	808	561 5	246 30	~~35~~	053	337 5	21 30	
				263 320	32			47 320	
9	249	649	550 5	235 28	~~33~~	963	333 5	17 30	
				272 348				121 350	
10	249	309	550 5	226 46	97	117	398 5	73 48	
				245 394				113 398	
11	212	982	513 5	179 66	85	193	386 5	57 56	
				212 460				82 454	
12	189	237	490 5	166 46	58	519	359 5	34 48	
B.M. 201-77				506				502	B.M. 201-77
	2796	944	✓		551	029	✓	506	SIERRA HWY & CULV. 30.66
	551	029	✓					1008	F.B. 2846-52
	+2245	915	✓						

T = 880

WEATHER CLEAR & LT. WIND INST. NO. 96716

TIME 10:00 AM ROD NO. 95696

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. ANDERSON 7/8/69

INDEXED G. L. GALLI DATE

F.B. 2478 PG. 128

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 76A FROM B.M. 201-76 TO B.M. 201-~~75A~~
B.M. 201-76									B.M. 201-76
				24				260	SIERRA HWY, 389'± W. OF
1	13	588	314 5	2 22	239	348	540 5	228 22	WARD RD. - No. SIDE OF RD
				36				293	F.B. 2846-51
2	17	951	318 5	-2 38	293	242	594 5	274 ½ 38	
				60				279 60	
3	20	527	321 5	38 2 36	262	117	563 5	245 34	
				96				295 94	
4	14	292	315 5	38 14 ½ 48	295	288	596 5	270 ½ 50	
				144				144	⊼ SIEMANN
5	38	590	339 5	58 18 40	267	567	568 5	286 248 38	
				184				182	
6	100	672	401 5	114 86 28	155	295	456 5	169 141 28	
				212				210	
~~7~~			~~5~~					212	
								422	
~~8~~	205	620			1512	857	~~5~~		
B.M. 201-76A					205	620			B.M. 201-76A
					1307	237			SIERRA HWY, 1.95 MI. W. OF CROWN VALLEY RD. - No. SIDE OF RD. F.B. 2846-50

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. DREIER
NOTES BY R. ANDERSON DATE 7/9/69
INDEXED C. J. GALLI DATE [illegible]
WEATHER CLEARS LT. WIND INST. NO. 96716
TIME 2:15 P.M. ROD NO. 95596
NOTES CHKD. [illegible] DATE [illegible]
F.B. 2478 PG. 129
T = 90°

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. 2478 PG. 130 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY DREIER NOTES G.E. DREIER 7-24-69
INDEXED B.L. GALL DATE

WEATHER 89° LT. WIND
TIME 2:20 PM
NOTES CHKD
INST. NO. 96716
ROD NO. 95 & 96
DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-76A TO 201-76
B.M. 201-76A									B.M. 201-76A (WARD RD)
1	218	275	519 5	244 192 52	13 249	314 5	139 13 52		SIERRA Hwy & FRWY OFF RAMP
									SEE F.B. 2846-50
2	289	913	590 5	289 ½ 260 58	11 538	312 6	38 11 54		
									R.F. SIEMANN
3	293	737	594 5	293 ½ 276 34 10	13 882	314 5	34 ½ 13 42	106	
4	281	125	582 5	296 266 30 144	66 645	367 5	79 53 26	148	
5	267	350	568 5	283 257 32 174	55 429	356 5	70 40 30	174	
6	208	919	509 5	210 206 4 206	91 450	392 5	94 88 6	204	
				210				210	
B.M. 201-76								210	B.M. 201-76
	1559	3.19			252	193		420	SIERRA Hwy WEST OF WARD RD.
	252	193							SEE F.B. 2846-51
	+1307	1.26							

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. 201-76A TO B.M. 201-75A
B.M. 201-76A									B.M. 201-76 A
				24				230	SIERRA HWY, 1.95 MI. W.
1	13 695	314	5	2 22	219	060	520 5	208 22	OF CROWN VALLEY RD. - NO. SIDE
	46			64				277	F.B. 2846-50
2	~~47~~ 960	347	5	28 36	259	343	560 5	241 36	
				55 58				303 5	
3	34 861	386	5	13 42	282	368	583 5	261 42	
				44 100				306 100	
4	27 741	328	5	10 34	300	053	601 5	283 34	
				41 134				301 134	T SIEMANN
5	26 177	327	5	11 30	285	700	586 5	269 32	
				118 164				142 166	
6	111 581	412	5	104 14	136	965	437 5	130 12	
				178				178	
Σ	261 015		5					178	
					1483 489			356	MTRS
-8					261 015		5		
				—	1222 474				
B.M. 201-75A									B.M. 201-75 A
									SIERRA HWY 1.4 MI. W.
									OF CROWN VALLEY RD —
									NO. SIDE OF RD
									F.B. 2846-49

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

SURVEY BY R. D. REIER

NOTES BY R. ANDERSON DATE 7/10/68

INDEXED R. J. CALL DATE

WEATHER CLEAR & 75° TIME 2:35 P.M.

NOTES CHKD DATE

INST. NO. 96716

ROD NO. 95896

F.B. 2478 Pg. 131

T = 94°

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-75A TO B.M. 201-71A
B.M. 201-75A									B.M. 201-75A
1	298	620	599 5	1/2 298 277 42	18	727	319 5	37 -1 38	SIERRA HWY AT CULVERT 29.59 SEE F.B. 2846-49
2	292	047	593 5	1/2 292 276 32	28	520	329 5	46 10 36	
3	299	232	600 5	1/2 299 276 74 46	22	820	323 5	45 -1 74 46	⊼ R. SIEMANN
4	283	476	584 5	305 261 120 44	42	142	343 5	63 21 120 42	
5	226	390	527 5	230 222 164 8 172	65	097	366 5	70 60 162 10 172	
B.M. 201-76A								172	B.M. 201-76A (WARD RD?)
	1399	765			177	306		344	SIERRA HWY & FRWY ON-OFF RAMP SEE F.B. 2846-50
	177	306							
	1222	459							

F.B. 2478 Pg. 132

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES G. & DREIER 7-24-69

INDEXED C. L. GALLI DATE

JOB NO. 0301.02

WEATHER WIND 89°

TIME 2:00 TO 2:20

NOTES CHKD. [illegible] DATE

INST. NO. 96716

ROD NO. 95E96

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.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	5556			5163			FROM BM. 201-75A TO B.M. 201-75
BM. 201-75A							B.M. 201-75A
1	39 918	340 5	50 28 22	233 010	534 5	244 222 22	SIERRA Hwy & CULVERT 29.59
							SEE F.B. 2846-49
2	14 533	315 5	36 ½ 14 44 66	285 623	586 5	306 264 42 64	
3	17 371	318 5	38 ½ 17 42 108	280 578	581 5	301 259 42 106	⊼ J. MALDONADO
4	24 739	325 5	43 5 38 146	251 151	552 5	271 231 40 146	
5	40 589	341 5	60 20 40 186	245 963	546 5	265 225 40 186	
6	32 301	333 5	52 12 40 226	242 583	543 5	263 221 42 228	
7	30 998	431 5	155 105 50 276	93 590	394 5	118 68 50 278	
8	~~30 920~~ 245 334	~~331~~ 546 5	~~47 13~~ 34 ~~261 229~~ 308	~~245 334~~ 30 920	~~546 5~~ 331 5	~~261 229~~ 34 47 13 312	
9	291 239	592 5	½ 291 274 34 342	28 377	329 5	44 12 32 344	
10	276 334	577 5	292 260 32 374	33 528	334 5	49 17 32 376	
11	253 353	554 5	268 238 30 404	39 070	340 5	53 25 28 404	
12	187 002	488 5	197 177 20 424	122 250	423 5	132 112 20 424	
Bm 201-75	1553 711			1886 643		424	B.M. 201-75
				1553 711		848	SIERRA Hwy & PP. DRWY TO No. 4629
				332 932			SEE F.B. 2846-48

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-11-69
INDEXED C. LGALLI DATE [illegible]
WEATHER 88° LT. WINDY HAZY SUN PART CLOUDY
TIME 1:00 TO 1:50
NOTES CHKD. [illegible] DATE [illegible]
INST. NO. 96716
ROD NO. 96
F.B. 2478 PG. 133

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 201-75 TO 201-75A
BM. 201-75									B.M. 201-75
1	88	935	389.5	110 66 44	298	687	599.5	298 ½ 276 44	SIERRA HWY. OPPOS. DRWY TO No. 4629 SEE F.B. 2846-48
2	11	248	312.5	½ 27 ~~312~~ 32	270	249	571.5	285 255 30	
3	~~134~~ 2	879	325.5	40 8 76 32	274	860	575.5	290 258 74 32	
4	39	781	340.5	54 24 108 30	254	957	555.5	269 239 106 30	⊼ J. MALDONADO
5	32	910	333.5	60 4 138 56	150	249	451.5	180 120 136 60	
6	214	339	515.5	235 193 194 42	32	389	333.5	54 10 196 44	
7	266	625	567.5	286 246 236 40	54	251	355.5	72 36 240 36	
8	299	394	600.5	½ 299 272 276 54	13	788 ~~828~~	314.5	36 ½ 13 276 46	
9	282	476	583.5	301 263 330 38	12	992	313.5	35 ½ 12 322 46	
10	299	284	600.5	½ 299 276 368 46	14	827	315.5	37 ½ 14 368 46	
11	227	628	528.5	233 221 414 12	77	132	378.5	83 71 414 12 ✓	
				426 ✓				426 ✓	B.M. 201-75A
B.M. 201-75A								426	SIERRA HWY & CULVERT 29.59
	1787	499 ✓			1454	381 ✓		852	SEE F.B. 2846-49
	1454	381 ✓							
	+ 333	1.18 ✓							

F.B. 2478 PG. 134

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 2-24-69

INDEXED C.J. GALLI DATE

JOB NO. 0301.02

WEATHER WIND 89°

TIME 1:00 TO 2:00

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 95896

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-75 TO 201-74
BM 201-75									B.M. 201-75
1	129	075	430.5	162 96 66	211	803	512.5	244 178 66	SIERRA HWY OPP. DRWY TO HO. SEE F.B 2846-48
2	71	272	372.5	107 35 72	216	788	517.5	252 180 72	
3	107	662	408.5	142 72 70 138	238	108	539.5	274 202 72 138	
4	14	433	315.5 ½	46 14 64 208	283	163	584.5	283 252½ 62 210	⊼ J. MALDONADO
5	41	110	342.5	68 14 54 272	258	348	559.5	285 231 54 272	
6	58	530	359.5	78 38 40 326	21	311	322.5 ½	41 21 40 326	
BM 201-74				366				366	
								366	B.M. 201-74
	422	082			229	521		732	SIERRA HWY & PP # 107516
					422	082			SEE F.B. 2846-47
					-807	439			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY DREIER DATE 7-11-69
NOTES CHKD. [illegible] DATE [illegible]
TO 66° 84° RAIN WINDY
WEATHER THIN OVERCAST
TIME 1:50 TO
F.B. 2478 Pg. 138
INST. NO 96716
ROD NO 95 & 96

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 201-74 TO 201-75
B.M. 201-74									B.M. 201-74
1	236	199	537 5	251 221 30	294	868	595 5	294 226 36	SIERRA HWY. & P.P. # 107516
									SEE F.B. 2846-47
2	291	011	592 5	291 257 68 98	31	632	332 5	63 -1 64 100	
3	275	803	576 5	303 247 56 154	40	173	341 5	67 13 54 154	
4	241	189	542 5	272 210 62 216	118	031	419 5	148 88 60 214	J. MALDONADO
5	214	493	515 5	255 173 82 298	50	362	351 5	92 8 84 298	
6	236	511	537 5	272 200 72 ~~370~~ 370	152	900	453 5	184 120 64 362 370	
B.M. 201-75									B.M. 201-75 DRWY TO
	1495	206			687	966		~~726~~ 732	SIERRA Hwy OPP. Ho. # 4629
	687	966							SEE F.B. 2846-48
	+807	240							

T = 88°

F.B. 2478 PG. 136

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-24-69

INDEXED [illegible] DATE

WEATHER LT. WIND INST. NO. 96716

TIME 11:25 TO ROD NO. 95096

NOTES CHKD [illegible] DATE [illegible]

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 T = 90°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 25 F.B. 2478 PG. 137

NOTES BY SIEMANN DATE 7-14-69 TIME 9:50 TO 11:00 ROD NO. 95 E96

INDEXED B.L. GALLE DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-74 TO 201-73
B.M. 201-74									B.M. 201-74
1	35	419	336 5	43 27 16	297	972	598 5	304 289 15	SIERRA HWY. & P.P. # 107516
									SEE F.B. 2846-47
2	47	321	348 5	75 19 56	261	201	562 5	289 233 56	
				72				71	
3	34	092	335 5	65 3 62	297	824	598 5	297 266 62	
				134				133	
4	38	401	339 5	49 27 22	25[illegible]	577	555 5	267 241 26	
				156				159	
5	10	688	311 5	28 10 36	286	672	587 5	303 269 34	
				192				193	T = MALDONADO
6	12	753	313 5	28 12 32	274	660	575 5	290 258 32	
				224				225	
7	29	258	330 5	51 7 44	216	312	517 5	238 194 44	
				268				269	
8	153	458	454 5	195 111 84	11	711	312 5	51 11 80	
				352				349	
9	297	444	598 5	297 257 80	45	459	346 5	85 5 80	
				432				429	
10	172	645	473 5	196 148 48	141	183	442 5	166 116 50	
				480				479	
B.M. 201-73								480	B.M. 201-73
	831	479 ✓			2087	571 ✓		959	SIERRA HWY. & CROWN VALLEY RD.
					831	479 ✓			SEE F.B. 2846-45
					-1256	092 ✓			

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 201-73 TO 201-74
B.M.201-73					440				B.M. 201-73
1	126	241	427 5	167 85 82	204	740	505 5	241 167 74	SIERRA HWY. & CROWN VALLEY RD.
									SEE F.B. 2846-45
2	61	408	362 5	89 33 56	293	927	594 5	1/2 293 264 58	
				138				132	
3	42	301	343 5	76 8 68	179	859	480 5	216 142 74	
				206				206	
4	211	470	512 5	236 186 50	22	172	323 5	1/2 47 22 50	
				256				256	
5	275	034	575 5	290 260 30	11	200	312 5	1/2 28 11 34	
				286				290	
6	296	961	597 5	296 277 38	10	239	311 5	1/2 29 10 38	π = MALDONADO
				324				328	
7	279	904	580 5	294 264 30	15	459	316 5	32 -2 34	
				354				362	
8	301	034	602 5	1/2 301 270 62	34	491	335 5	65 3 62	
				416				424	
9	258	172	559 5	281 235 46	67	111	368 5	86 48 38	
				462				462	
10	266	048	567 5	274 258 16	23	272	324 5	32 14 18	
				478				480	
B.M.201-74								478	B.M. 201 74
	2118	573			862	470		958	SIERRA HWY. & P.P. 107516
	862	470							SEE F.B. 2846-47
	+ 1256	103							

F.B. 2478 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7 24-69

INDEXED C.J. GALLI DATE

WEATHER LT. WIND INST. NO. 96716

TIME 10:45 TO 11:20 ROD NO. 95496

NOTES CHKD [illegible] DATE

π = 88

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 201-73 TO 201-73 A
B.M. 201-73							B.M. 201-73
1	143 875	444 5	155 131 24	82 043	383 5	91 71 20	SIERRA HWY. & CROWN VALLEY RD
							SEE F.B. 2846-45
2	81 442	382 5	91 71 20	70 223	371 5	81 59 22	
			44			42	π = MALDONADO
B.M. 201-73A						44	
	225 317			152 266		86	B.M. 201-73 A
	152 266						SIERRA HWY. & GOVERNOR MINE RD
	+73 051						SEE F.B. 2846-45

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 90°

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 25-234

NOTES BY SIEMANN DATE 7-14-69 TIME 11:10 TO 4:15 ROD NO. 95896

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

F.B. 2478 PG. 139

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 201-73A TO 201-73
B.M. 201-73A									B.M. 201-73A
1	86	409	387 5	95 77 18	159	442	460 5	169 149 20	SIERRA HWY & GOVERNER MINE RD.
								18	SEE F.B. 2846-45
					86	409		38	T = MALDONADO
B.M. 201-73					~~72 933~~ 73 033				B.M. 201-73
									SIERRA HWY. & CROWN VALLEY RD.
									SEE F.B. 2846-45

T = 88

WEATHER LT. WIND INST. NO. 96716

TIME 10:40 TO 10:42 ROD NO. 95

NOTES CHKD [illegible] DATE [illegible]

F.B. 2478 PG. 140 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-24-69

INDEXED [illegible] 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 Maldonado DATE 7-14-68

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Breezy

TIME 11:15 to 11:55

NOTES CHKD. [illegible] DATE

F.B. 2478 PG. 141

T-90°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-73A TO 201-72
BM 201-73A									BM 201-73A
1	119	210	420 5	160 78 82	75	100	376 5	112 38 74	Sierra Hwy. & Governor Mine Rd. N.E. Cor.
2	226	451	527 5	251 201 50	113	460	414 5	142 84 58	See F.B. 2846-45
3	100	170	401 5	129 71 132 58	209	017	510 5	239 179 132 60	
4	85	433	386 5	155 55 190 60	216	350	517 5	247 185 192 62	K-Siemann
5	277	872	578 5	277 241½ 250 72	13	070	314 5	46 13½ 254 66	
6	287	811	588 5	287 266½ 322 42	38	337	339 5	59 17 320 42	
7	249	500	550 5	255 243 364 12	66	998	367 5	73 59 362 14	
8	149	808	450 5	151 147 376 4	149	908	5	151 147 376 4	
				380				380	
								380	
								760	
	1496	255			882	240			
	882	240							
	+614	015							
BM 201-72									BM 201-72 153 Ft. NW'ly of Sierra Hwy., Hwy. Marker # 27.55 See F.B. 2846-44

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-72 TO BM 201-73A
BM 201-72									BM 201-72
1	52	993	353 5	64 40 24	301	173	602 5	301 292½ 18	Sierra Hwy, 153 Ft. NW'ly of Hwy. Marker #27.55
2	18	226	319 5	40 18½ 44	300	640	601 5	300 276½ 48	See F.B. 2846-44
3	20	561	321 5	55 20½ 68 70	131	685	432 5	168 94 66 74	
4	239	910	540 5	274 204 138 70	107	752	408 5	142 72 140 70	
5	218	293	519 5	255 181 208 74	241	030	542 5	278 204 210 74	π-Siemann
6	49	651	350 5	90 8 282 82	131	719	432 5	173 131½ 284 84	
				364				368	
								364	
	599	634			1213	999		732	
					599	634			
					614	365			
BM 201-73A									BM 201-73A Sierra Hwy, & Governor Mine Rd N.E. Cor. See F.B. 2846-45

F.B. 2478 Pg. 142 JOB NO. 0301.02

SURVEY OF Dreier NOTES Maldonado 7-24-69

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716 25123

TIME 10:10 to 10:30 ROD NO. 95896

NOTES CHKD DATE

T-86°

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 92°

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-25-69

INDEXED G. LOUIS DATE

WEATHER HAZE WINDY

TIME 1:15 TO 1:55

NOTES CHKD [illegible] DATE

F.B. 2478 PG. 143

INST. NO. 96716

ROD NO. 95896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
								RERUN	FROM 201-73A TO 201-72
BM-201-73A									B.M. 201-73A
1	107	621	408.5	138 76 62	~~82~~	~~331~~	~~383.5~~	~~118 46 72~~	SIERRA HWY & CROWN VALLEY RD N.E. CO.
2	248	129	549.5	203 213 70	94 104	490 071	395.5 405.5	125 63 62 / 132 69 70	SEE F.B. 2846-45
3	129	449	430.5	145 113 132 32	185	700	486.5	201 169 132 32	
4	122	740	423.5	139 105 164 34	195	610	496.5	213 177 164 36	⊼ R. SIEMANN
5	106	653	407.5	131 81 198 50	211	295	512.5	237 185 200 52	RERUN
6	221	352	522.5	249 193 248 56	27	456	328.5	53 2 252 51	
7	289	505	590.5	289 ½ 267 304 44	35	623	336.5	57 12 303 45	
8	299	242	600.5	299 ½ 286 348 26	56	109	357.5	68 44 348 24	
				374 ✓				372 ✓	
								374 ✓	
	1524	691 ✓			910	354 ✓		746 ✓	
	910	354 ✓							
	+614	337 ✓							
BM. 201-72									B.M. 201-72
									SIERRA HWY W. OF CULVERT # 27.55
									SEE F.B. 2846-4K

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 Maldonado DATE 7-14-69
NOTES CHKD. [illegible] DATE [illegible]
WEATHER Sunny & Breezy
TIME 1:20 to 2:10
T-94°
F.B. 2478 Pg. 145
INST. NO. 25[illegible]
ROD NO. 95-896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-72 TO BM201-71
BM 201-72									BM 201-72
1	23	907	324.5	40 / 6 34	150	804	451.5	167 / 133 34	Sierra Hwy, 153 Ft. NW'ly of Hwy. Marker # 27.55
2	277	872	578.5	297 / 257 20	12	228	313.5	32 / 12 20	See F.B. 2846-44
3	299	768	600.5	299 / 286½ 54 / 26	18	569	319.5	32 / 4 54 / 28	
4	278	070	579.5	292 / 264 80 / 28	16 / ~~17~~	270	317.5	29 / 3 82 / 26	
5	293	010	594.5	308 / 279 108 / 29	12	253	313.5	26 / 12½ 108 / 28	X-Siemann
6	286	692	587.5	300 / 272 137 / 28	40	618	341.5	54 / 26 136 / 28	
7	298	889	599.5	298 / 268½ 165 / 60	75 / ~~74~~	142	376.5	106 / 44 164 / 62	
8	108	828	409.5	141 / 75 225 / 66	194	801	495.5	227 / 161 226 / 66	
9	150	630	451.5	184 / 116 291 / 68	24	275	325.5	58 / 24½ 292 / 68	
10	284	753	585.5	304 / 264 359 / 40	26	900	327.5	46 / 6 360 / 40	
11	290	778	591.5	307 / 273 399 / 34	26	620	327.5	43 / 9 400 / 34	
12	220	699	521.5	230 / 210 433 / 20	214	691	515.5	224 / 204 434 / 20	BM 201-71
BM201-71				453				454	Sierra Hwy, W. end of Culvert Hdwall # 27.01
	2813	896 ✓			813	171 ✓		453	
	813	171 ✓						907	See F.B. 2846-43
	+2000	~~605~~	725 ✓						

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-71 TO BM201-72
BM201-71									BM201-71
1	81	510	382 5	102 60 42	287	651	588 5	287 265 ½ 44	Sierra Hwy. & W. end of Culvert Hdwall #27.01
2	22	006	323 5	42 2 40	284	616	585 5	305 265 40	F.B. 2846-43
3	14	123	315 5	44 14 ½ 82 60	216	806	517 5	246 186 84 60	
4	181	251	482 5	208 154 142 54	116	891	417 5	142 90 144 52	
5	174	838	475 5	214 134 196 80	223	505	524 5	264 182 196 82	
6	10	824	311 5	30 10 ½ 276 40	299	414	600 5	299 279 ½ 278 40	T-Siemann
7	13	867	314 5	25 1 316 24	275	128	576 5	287 263 318 24	
8	12	052	313 5	26 -2 340 28	301	238	602 5	301 286 ½ 342 30	
9	10	182	311 5	24 10 ½ 368 28	295	398	596 5	295 281 ½ 372 28	
10	26	537	327 5	40 12 396 28	276	265	577 5	290 262 400 28	
11	72	468	373 5	90 54 424 36	140	170	441 5	158 122 428 36	
12	234	708	535 5	242 226 460 16	137	889	438 5	143 131 464 12	BM201-72
				476				476	Sierra Hwy. 153 Ft. NW'ly. of
BM201-72	854	366	✓		2854	971	✓	476	Hwy. Marker 27.55
					854	366	✓	952	F.B. 2846-44
					2000	605	✓		

F.B. 2478 Pg. 146 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-24-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716 ~~25123~~

TIME 9:15 to ROD NO. 95896

NOTES CHKD. [illegible] DATE

T-82°

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 Maldonado DATE 7-14-69
WEATHER Sunny & Breezy
TIME 2:15 to
NOTES CHKD. [illegible]
F.B. 2478 Pg. 147
INST. NO. 75 [illegible]
ROD NO. 95 [illegible]

T-90°

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM201-71 TO BM201-70
BM201-71							BM201-71
1	294 999	595 5	294 1/2 277 34	76 197	377 5	93 59 34	Sierra Hwy. W. end of Culvert Hdwall # 27.01
2	177 972	478 5	203 151 52	178 888	479 5	203 153 50	See F.B. 2846-43
3	114 358	415 5	134 86 94 40	176 350	477 5	197 84 155 42	
4	214 412	515 5	246 126 182 64	11 967	312 5	44 126 11 1/2 66	
5	296 289	597 5	296 1/2 190 280 32	12 040	313 5	28 1/2 192 12 32	X-Siemann
6	297 170	598 5	297 1/2 222 281 32	40 590	341 5	53 224 27 26	
7	298 029	599 5	298 1/2 254 283 30	24 340	325 5	39 250 9 30	
8	265 285	566 5	286 284 244 42	86 060	387 5	107 280 65 42	
9	124 020	425 5	154 326 94 60	284 000	585 5	284 322 251 1/2 66	
10	58 329	359 5	73 386 43 30	285 995	586 5	300 388 270 30	
			416			418	
						416	
	2140 863			1176 427		834	
	1176 427						BM201-70
BM201-70	964 436						Sierra Hwy. & Sander Lane 5.5 Ft. SE'ly. of Hdwall of Culvert #26.48
							F.B. 2846-42

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-70 TO BM201-71
201-70									BM201-70
				267				65	Sierra Hwy., & Sander Lane, 5.5 Ft.
1	265	118	566 5	263 4	63	338	364 5	61 4	SE'ly. of Culvert + Hdwall #26.48
				292				71	F.B. 2846-42
2	271	680	572 5	250 42	50	330	351 5	29 42	
				238 46				230 46	
3	208	610	509 5	178 60	200	234	501 5	170 60	
				55 106				293 106	
4	34	488	335 5	13 42	293	152	594 5	270½ 46	
				64 148				298 152	T-Siemann
5	53	538	354 5	42 22	286	278	587	274 24	
				32 170				266 176	
6	19	384	320 5	6 26	256	384	557 5	246 20	
				29 196				292 196	
7	16	203	317 5	3 26	280	197	581 5	268 24	
				42 222				270 220	
8	26	688	327 5	10 32	252	727	553 5	234 36	
				157 254				161 256	
9	135	090	436 5	113 44	141	597	442 5	121 40	
				226 298				185 296	
10	201	578	502 5	176 50	163	528	464 5	141 44	
				230 348				289 340	
11	196	809	497 5	162 68	289	061	590 5	251½ 76	
				116 416				234 416	BM201-71
12	113 ~~86~~ 683		414 5	110 6	231	096	532 5	228 6	Sierra Hwy. & W. End of Culvert
				422				422	Hd'wall #27.01
BM201-71	1542869 ✓				2507922 ✓			422	See F.B. 2846-43
					1542869 ✓			844	
					#965053 ✓				

WEATHER Sunny & Windy

TIME 2:25 PM

NOTES CHKD. [illegible]

ROD NO. 95896

INST. NO. 96716 / 62123

DATE AUG 6 1969

T-90°

F.B. 2478 Pg. 148

JOB NO. 0301.02

SURVEY OF

SURVEY BY Prier

NOTES Maldonado 7-23-69

INDEXED R.H. 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 G.E. DREIER
DATE 7-25-69
WEATHER WINDY 94°
TIME 2:00 TO
INDEXED R.J. OMIL DATE SEP 1 1969
NOTES CHKD. DATE
INST. NO. 26716
ROD NO. 25 #96
F.B. 2478 PG. 149

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT (RERUN) Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 201-71 To 201-70
B.M. 201-71									B.M. 201-71
1	301	386	602.5	301 / ½ 281 40	67	087	368.5	86 / 48 38	SIERRA HWY & CULVERT 27.01
									SEE F.B. 2846-43
2	237	210	538.5	265 / 209 56	173	604	474.5	201 / 145 56	
3	100	411	401.5	126 / 74 52 96	175	146	476.5	201 / 151 50 94	
4	186	495	487.5	213 / 159 54 148	10	151	311.5	136 / 210 52 144	⊼ R. SIEMANN
5	297	870	598.5	½ 297 / ½ 282 30 202	10	567	311.5	½ 26 / 10 32 196	RERUN
6	297	008	598.5	½ 297 / ½ 282 30 232	15	590	316.5	½ 31 / 15 32 228	
7	294	635	595.5	½ 299 / ½ 279 30 262	37	670	338.5	52 / 22 30 260	
8	265	128	566.5	290 / 240 50 292	131	433	432.5	157 / 106 50 290	
9	92	988	393.5	118 / 66 52 342	300	539	601.5	300 / 272 56 340	
10	11	230	312.5	26 / ½ 11 30 394	197	750	498.5	211 / 183 28 396	
B.M. 201-70				424				424 / 424	B.M. 201-70
	2084361				1119537			848	SIERRA HWY. AT CULVERT 26.48
	1119537								SEE F.B. 2846-42
	+964824								

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 SIEMANN DATE 7-15-69
NOTES CHKD. [illegible] DATE [illegible]
WEATHER CLEAR
TIME 9:20 TO 10:10
T = 90°
F.B. 2478 PG. 157
INST. NO. [illegible]
ROD NO. 95E96

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-70 TO BM 201-69
B.M. 201-70									B.M. 201-70
1	144	818	445 5	170 118 52	300	662	601 5	1300 2274 52	SIERRA HWY. & SANDER LANE
									SEE F.B. 2846-42
2	31	490	332 5	48 14 34	267	534	568 5	283 251 32	
				86				84	
3	15	132	316 5	30 0 30	263	737	564 5	278 248 30	
				116				114	
4	26	045	327 5	44 8 36	254	332	555 5	272 236 36	
				152				150	
5	22	484	323 5	1 48 2 22 52	269	510	570 5	274 244 50	
				204				200	
6	17	952	318 5	1 45 2 17 56	276	199	577 5	303 249 54	Ā - MALDONADO
				260				254	
7	16	230	317 5	1 47 2 16 62	292	670	593 5	1 292 2 262 60	
				322				314	
8	56	274	357 5	80 32 48	287	930	588 5	1 287 2 258 58	
				370				372	
9	11	221	312 5	1 42 2 11 62	288	598	589 5	1 288 2 258 60	
				432				432	
10	15	417	316 5	1 51 2 15 72	172	273	473 5	208 136 72	
				504	✓			504	✓
B.M. 201-69								504	B.M. 201-69
	357	063	✓		2673	445	✓	1008	SIERRA HWY. & CULVERT #25.70
					357	063	✓		SANTIAGO RD. SEE F.B. 2846-41
					−2316	382	✓		

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. 2478 Pg. 152 JOB NO 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREICK NOTES SIEMANN 7-23-69

INDEXED D.J. GALLI DATE

T = 92°

WEATHER LT. WIND INST. NO 96716

TIME 1:30 TO 2:30 ROD NO 95896

NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-69 TO 201-70
B.M. 201-69									B.M. 201-69
1	161	519	462	5	198 124 74	12 015	313	5 446 12 68	SIERRA HWY. & CULVERT # 25.70 SEE F.B. 2846-41
2	290	441	591	5	290 263 54 128	25 178	326	5 456 25 62 130	
3	298	457	599	5	298 268 60 188	21 506	322	5 451 21 60 190	
4	298	690	599	5	298 266 64 252	19 689	320	5 452 19 66 256	
5	297	433	598	5	297 268 58 310	17 129	318	5 446 17 58 314	T = MALDONADO
6	282	518	583	5	282 254 56 366	17 729	318	5 446 17 58 372	
7	293	625	594	5	293 276 34 400	46 978	347	5 58 34 24 396	
8	289	312	590	5	305 273 32 432	35 874	336	5 55 15 40 436	
9	286	900	587	5	305 266 39 471	30 203	331	5 47 13 34 470	
10	235	478	536	5	250 220 30 501	192 138	493	5 207 177 30 500 501	
B.M. 201-70									B.M. 201-70
	2734373				418439			1001	SIERRA HWY. & SANDER LANE. SEE F.B. 2846-42
	418439								
	+2315934								

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 G.E. DREIER DATE 7-28-69

INDEXED [illegible] DATE [illegible]

NOTES CHKD. [illegible] DATE [illegible]

90° LT. BR. HAZE

WEATHER

TIME 10:15 TO 11:00

F.B. 2478 PG. 153

INST. NO. 96716

ROD NO. 95896

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN FROM 201-70 TO 201-69
BM.201-70									B.M. 201-70
1	124	302	425 5	154 / 94 60	300	063	601 5	300 / ½ 275 50	SIERRA HWY AT CULVERT 26.48
2	13	851	314 5	25 / 0 25	297	371	598 5	297 / ½ 278 38	SEE F.B. 2846-47
3	12	790	313 5	85 / ½ 34 / 12 44	294	667	595 5	88 / ½ 294 / 274 40	
4	29	397	330 5	129 / 49 / 9 40	265	438	566 5	128 / 285 / 245 40	⊼ J. MALDONADO
5	45	176	346 5	169 / 69 / 21 48	276	047	577 5	168 / 299 / 251 48	RERUN
6	36	138	337 5	217 / 62 / 10 52	286	379	587 5	216 / ½ 286 / 259 54	
7	37	798	338 5	269 / 61 / 13 48	250	262	551 5	270 / 275 / 227 48	
8	18	350	319 5	317 / ½ 46 / 18 56	270	189	571 5	318 / 297 / 243 54	
9	31	573	332 5	373 / 58 / 4 54	262	071	563 5	372 / 288 / 236 52	
10	91	708	392 5	427 / 126 / 56 70	255	128	556 5	424 / 293 / 217 76	
				497 ✓				500 ✓	
BM.201-69								497 ✓	B.M. 201-69
	441	083 ✓			2757	615 ✓		997	SIERRA HWY AT CULVERT #25.70
					441	083 ✓			SEE F.B. 2846-41
					2316	532 ✓			

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	RERUN DESCRIPTION AND REMARKS FROM 201-69 TO 201-70
B.M. 201-69									B.M. 201-69
1	251	332	552 5	290 212 78	67	193	368 5	106 28 78	SIERRA HWY AT CULVERT #25.70 SEE F.B. 2846-41
2	272	421	573 5	300 248 55 143	24	072	325 5	52 -1 53 131	
3	264	669	565 5	291 237 54 187	19	053	320 5	½ 46 19 54 185	
4	246	160	547 5	271 221 50 237	40	202	341 5	65 15 50 235	
5	274	960	575 5	299 249 50 287	27	288	328 5	53 1 52	⊼ J. MALDONADO RERUN
6	270	859	571 5	295 245 50 337	36	345	337 5	62 10 52 339	
7	268	268	569 5	292 244 48 385	10	457	311 5	½ 29 10 38 377	
8	276	489	577 5	291 261 30 415	24	903	325 5	39 9 30 407	
9	251	362	552 5	263 239 24 439	32	203	333 5	48 16 32 439	
10	279 ~~280~~	909 ~~279~~	580 ~~5~~ 5	301 257 44 483	117	919	418 5	139 95 44 483	
B.M. 201-69 11	193	400	494 5	201 185 16 499	133	871	434 5	142 124 18 501 499 1000	B.M. 201-70 SIERRA HWY AT CULVER #26.48 SEE F.B. 2846-42
	284	982 ~~5~~ 7			533	506			
	533	506							
	+23	6 ~~349~~ 321							

F.B. 2478 PG. 154

JOB NO. 0361.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 7-28-69

INDEXED D.J. GALLI DATE

WEATHER HAZE 97° LT. BR.

TIME 11:00 TO

NOTES CHKD [signature]

INST. NO. 96716

ROD NO. 95896

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 T=92°
SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 25633
NOTES BY SIEMANN DATE 7-15-69 TIME 10:20 TO 11:30 ROD NO. 95696
INDEXED C.J. GALLI DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]
F.B. 2478 Pg. 155

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM 201-69 TO 201-68
B.M. 201-69									B.M. 201-69
1	209	887	510 5	248 / 170 78	80	170	381 5	119 / 41 78	SIERRA HWY. & SANTIAGO RD.
									CULVERT # 25.70. SEE F.B. 2846-41
2	190	243	491 5	217 / 163 54	89	768	390 5	117 / 61 56	
				132				134	
3	217	607	518 5	248 / 186 62	38	820	339 5	73 / 3 70	
				194				204	
4	264	824	565 5	283 / 245 36	69	069	370 5	82 / 56 26	
				230				230	
5	300	110	601 5	300 / 283 34	12	092	313 5	129 / 12 34	
				264	13	747	314 5	28 / 2 264	
6	297	222	598 5	297 / 282 30	~~49~~	~~043~~	~~350 5~~	~~64~~ / ~~37~~ ~~24~~ 30	
				294				~~288~~	π = MALDONADO
7	274	653	575 5	287 / 261 26	32	385	333 5	46 / 18 294 28	
				320				322	
8	294	541	595 5	294 / 278 32	22	249	323 5	37 / 7 30	
				352				352	
9	287	176	588 5	301 / 273 28	74	385	375 5	89 / 59 30	
				380				382	
10	208	090	509 5	228 / 188 40	18	080	319 5	136 / 10 36	
				420				418	
11	242	058	543 5	246 / 238 8	110	619	411 5	115 / 105 10	
				428				428	
12	177	649	478 5	179 / 175 4	93	871	394 5	95 / 91 4	
				432				432	
B.M. 201-68								432	B.M. 201-68
	2964	060			655	255		864	SIERRA HWY. & CULVERT # 25.16
	655	255							SEE F.B. 2846-40
	+2308	805							

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-68 TO 201-69
BM 201-68	4 3 5								B.M. 201-68
1	28	582	329 5	36 20 16	298	832	599 5	298 289 18	SIERRA HWY & CULVERT # 25.16
									SEE F.B. 2846-40
2	48	350	349 5	75 21 54	239	561	540 5	266 212 54	
				80				72	
3	20	081	221 5	38 2 36	294	188	595 5	294 277 34	
	10	740	311	26 10 106	300	933	601	300 284 106	
4	~~300~~	~~933~~	~~601 5~~	~~300 284 32~~	~~10~~	~~740~~	~~311 5~~	~~[illegible] 32~~	
				138				138	
5	12	057	313 5	28 12 32	296	452	597 5	296 279 34	
				170				172	π = MALDONADO
6	14	181	315 5	29 -1 30	299	497	600 5	299 282 34	
				200				206	
7	12	023	313 5	30 12 36	247	523	548 5	262 232 30	
				236				236	
8	35	160	336 5	58 12 46	230	459	531 5	254 206 48	
9	105	203	406 5	138 72 282	218	143	519 5	254 182 284	
				66				72	
				348				356	
10	82	181	383 5	118 46 72	232	383	533 5	263 201 62	
11	141	920	442 5	154 128 420	161	352	462 5	176 146 418	
				26				30	
				446				448	
								446	
BM 201-69								894	B.M. 201-69
	510	478			2819	323			SIERRA HWY & CULVERT # 25.70
					510	478			SEE F.B. 2846-41
					-2308	845			

T = 90°

WEATHER LT. WIND INST. NO. 96716

TIME 11:35 TO 12:00 ROD NO. 75E96

NOTES CHKD. [illegible] DATE

F.B. 2478 Pg. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-23-69

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 SIEMANN
DATE 7-15-69
WEATHER CLEAR
TIME 11:30 TO 12:00
INST. NO. 26133
ROD NO. 95896
INDEXED C.J. GALL
DATE
NOTES CHKD
DATE
T = 94°
F.B. 2478 PG. 157

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From 201-68 To 201-67A
B.M.201-68									B.M.201-68
1	36	359	337 5	44 28 16	255	151	556 5	253 247 16	SIERRA HWY. & CULVERT # 25.16
									SEE F.B. 2846-40
2	226	802	527 5	256 176 60	27	374	328 5	59 -3 60	
				76				76	
3	298	748	600 5	299 282 34	27	099	328 5	45 -11 36	
				110				112	
4	301	563	602 5	301 278 46	90	812	391 5	112 68 44	X = MALDONADO
				156				156	
5	164	520	465 5	193 135 58	164	488	465 5	194 134 60	
				214				216	
6	143	623	444 5	175 111 64	178	011	479 5	210 146 64	
				278				280	
B.M.201-67A								278	B.M.201-67A
	172	615			742	935		558	SIERRA HWY. & CULVERT # 24.84
	742	935							SEE F.B. 3728-147
	+429	680							

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-67A TO 201-68
B.M. 201-67A									B.M. 201-67A
1	183	120	484 5	221 145 76	140	260	441 5	176 104 72	SIERRA HWY. & CULVERT #24.84
									SEE F.B. 3728-147
2	160	198	461 5	198 122 76	295	311	596 5	295 257 72	
				152				144	
3	25	942	326 5	47 3 44	275	467	576 5	299 251 48	
				196				192	
4	33	730	334 5	41 25 16	250	180	551 5	258 242 16	
				212				208	
5	32	226	333 5	55 9 46	215	837	516 5	240 190 50	T = MALDONADO
				258				258	
6	259	799	560 5	265 253 12	12	858	313 5	18 6 12	
				270				270	
7	171	420	472 5	175 167 8	106	187	407 5	110 102 8	
				278				278	
B.M. 201-68								278	B.M. 201-68
	866	435			1296	100		556	SIERRA HWY. & CULVERT #25.16
					866	435			SEE F.B. 2846-40
					4[illegible]	665			
					29				

T = 88

F.B. 2478 Pg. 158 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-23-69

INDEXED [illegible] DATE

WEATHER LT. WIND INST. NO. 96706 25123

TIME 11:00 TO 11:30 ROD NO. 95496

NOTES CHKD. [illegible] 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 Mallinedo DATE 7-15-69 TIME 1:20 to 1:40 ROD NO. 95896
WEATHER Sunny & Clear INST. NO. 75-225
T-94° Windy & Breezy
NOTES CHKD. DATE
INDEXED DATE
F.B. 2478 PG. 59

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 201-67A To BM 201-67
BM 201-67A							BM 201-67A Sierra Hwy. & Culvert #24.84 see F.B. 3728-147
1	80.999	381 5	112 80½ 64	226.360	527 5	258 194 64	
2	198.426	499 5	232 164 68	35.358	336 5	69 1 68	
3	290.713	591 5	290 132 260½ 60	20.828	321 5	50 132 20½ 60	
4	288.658	589 5	288½ 192 258½ 60	22.167	323 5	51 192 22½ 58	
5	282.617	583 5	302 252 262 40	35.910	336 5	56 250 14 42	K-Siemann
6	205.275	506 5	212 292 198 14	44.931	345 5	51 292 37 14	
			306			306	
*		*				306	
	1346.688			385.554		612	
	385.554						
	961.134						
BM 201-67							BM 201-67 Sierra Hwy. & 12 Ft. W'ly. of P.P. see F.B. 2846-39 693454E

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-67 TO BM201-67A
BM201-67									BM201-67
				56				256	Sierra Hwy. & 12 Ft. W'ly. of
1	52	129	353 5	48 8	251	920	552 5	246 10	P.P. #693454 E.
				55				294	See F.B. 2846-39
2	31	091	332 5	7 48	294	909	595 5	267 54	
				46 56				297 64	
3	15	650	316 5	15 ½ 62	297	547	598 5	266 ½ 62	
				56 118				294 126	
4	26	035	327 5	26 ½ 60	294	609	595 5	266 ½ 56	
				119 178				192 182	
5	93	791	394 5	67 52	167	761	468 5	142 50	T-Siemann
				250 230				124 232	
6	218	603	519 5	186 64	91	431	392 5	91 ½ 66	
				294 ✓				298 ✓	
								294 ✓	
	437	299 ✓						592 ✓	
					498	177 ✓			
					437	299 ✓			
					~~1060~~	~~878~~			
					960	878 ✓			
									BM201-67A
									Sierra Hwy., & Culvert #24.84
BM201-67A									See F.B. 3728-147

F.B. 2478 Pg. 160 JOB NO. 0301.02

SURVEY OF

SURVEY BY Preier NOTES Maldonado 7-23-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 95716 25123

TIME 10:25 to 10:50 ROD NO. 95296

NOTES CHKD [illegible] DATE

T-88°

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									RERUN
									FROM 201-67A TO 201-67
B.M. 201-67A									B.M. 201-67A
1	116	288	417 5	137 / 95 42	208	138	509 5	228 / 188 40	SIERRA HWY AT CULVERT #24.84
									SEE F.B. 3728-147
2	113	716	414 5	143 / 83 60	131	100	432 5	161 / 101 60	
3	260	710	561 5	287 / 233 102 / 54	42	911	343 5	69 / 15 100 / 54	
4	296	850	597 5	296 / 266 156 / 60	23	302	324 5	154 / 23 154 / 62	↑ R. SIEMANN RERUN
5	290	552	591 5	290 / 263 216 / 54	13	644	314 5	40 / 13 216 / 54	
6	213	412	514 5	224 / 202 270 / 22	97	099	398 5	107 / 87 270 / 20	
7	211	190	512 5	215 / 209 292 / 6	25	791	326 5	30 / 20 290 / 10	
				298				300	
B.M. 201-67								298	B.M. 201-67
	1502	718			541	985		598	SIERRA HWY W. OF FIRE STATION
	541	985							SEE F.B. 2846-39
	+ 960	733							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-28-69

INDEXED [illegible] DATE [illegible]

WEATHER 98° LT WIND

TIME 1:20 TO 2:00

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 96716

ROD NO. 95 & 96

F.B. 2478 PG. 161

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-67 TO BM201-66A
BM201-67									BM 201-67
1	167	302	468 5	194 / 140 54	30	338	331 5	56 / 4 52	Sierra Hwy, & 12 Ft. W'ly. of P.P. #693454E.
2	202	421	503 5	237 / 167 70	213	699	514 5	248 / 178 70	See F.B. 2846-39
3	47	623	348 5	67 / 27 124 / 40	275	449	576 5	294 / 256 122 / 38	
4	14	597	315 5	28 / 0 164 / 28	277	649	578 5	291 / 263 160 / 28	
5	45	742	346 5	59 / 29 192 / 30	243	753	544 5	258 / 228 188 / 30	π-Siemann
6	66	330	367 5	92 / 40 222 / 52	145	070	446 5	170 / 120 218 / 50	
7	188	370	489 5	198 / 178 274 / 20	128	859	429 5	139 / 117 268 / 22	
8	162	693	463 5	164 / 160 294 / 4	184	080	490 5	191 / 187 290 / 4	
				298				294	
								298	
	895	078			1503	897		592	
					895	078			
					-608	819			
BM201-66A									BM201-66A Sierra Hwy., & Soledad Cyn. Rd. N.E. Cor. See F.B. 3728-143

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-15-69 WEATHER Sunny & Breezy INST. NO. 25 234
INDEXED G. LOUIS DATE SEP 8 69 TIME 1:40 to 2:10 ROD NO. 95 & 96
NOTES CHKD. [illegible] DATE
F.B. 2478 Pg. 163

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-66A TO BM201-67
BM201-66A									BM 201-66A Sierra Hwy., & Soledad Cyn. Rd. N.E. Cor. See F.B. 3728-123
1	104	432	405 5	136 72 64	121	090	422 5	153 89 64	
2	279	700	580 5	301 257 44	13	702	314 5	32 1/2 13 1/2 38	
3	294	582	595 5	307 281 108 26	22	230	323 5	36 8 102 28	
4	298	671	599 5	298 1/2 278 1/2 134 40	6	241	307 5	27 1/2 6 1/2 130 42	
5	181	162	482 5	212 150 174 62	231	658	532 5	263 199 172 64	π-Siemmann
6	15	047	316 5	40 1/2 15 1/2 236 50	169	888	470 5	194 144 236 50	
				286 ✓				286 ✓	
~~7~~			$					286 ✓	
	1173	594 ✓			564	809 ✓		572 ✓	
~~8~~	564	809 ✓					$		
	+608	785 ✓							
BM201-67									BM201-67 Sierra Hwy., & 12 Ft. W'ly. of P.P. #693454 See F.B. 2846-39

F.B. 2478 Pg. 164 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-23-69

INDEXED G.L. GALLI DATE

T-90°

WEATHER Sunny & Breezy INST. NO. 96716 25123

TIME 9:55 to 10:20 ROD NO. 95296

NOTES CHKD. [illegible] 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 Maldonado

DATE 7-15-69

WEATHER Sunny & Breezy

TIME 2:10 to 7:50

INST. NO. 7-344

ROD NO. 95596

NOTES CHKD. [illegible]

DATE

T-90°

F.B. 2478 PG. 165

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM201-66A TO BM201-65B
BM201-66A									BM201-66A
				257				56	Sierra Hwy. & Soledad Cyn. Rd.
1	241	630	542.5	225 32	40	628	341.5	24 32	N.E. Cor.
				300				22	F.B. 3728-143
2	300	371	601.5	286½ 28	9	470	310.5	9½ 26	
				301 60				25 58	
3	301	319	602.5	289½ 24	13	028	314.5	1 24	
				304 84				51 82	
4	293	662	594.5	282 22	40	493	341.5	29 22	
				294 106				44 104	
5	294	917	595.5	277½ 34	24	028	325.5	4 40	π-Siemann
				284 140				66 144	
6	284	979	585.5	258½ 52	41	800	342.5	16 50	
				295 192				42 194	
7	295	842	596.5	266½ 58	13	370	314.5	13½ 58	
				311 250				40 252	
8	282	529	583.5	253 58	12	682	313.5	12½ 56	
				294 308				37 308	
9	294	712	595.5	271½ 46	16	149	317.5	16½ 42	
				306 354				28 350	
10	292	948	593.5	280 26	15	532	316.5	2 26	
				380				376	
								380	
	2882	909			227	180		756	BM201-65B
BM201-65B	227	180							Sierra Hwy. & Hwy. Sta. Marker
									#23.64
	+2656	729							See F.B. 3728-139

F.B. 2478 Pg. 166 JOB NO. 0301.02 SURVEY OF Drain NOTES Maldonado 7-23-69 SURVEY BY D. L. GALLI DATE INDEXED

T-86°

WEATHER Sunny & Light Breeze INST. NO. 96716 TIME 9:10 to ROD NO. 95 & 96 NOTES CHKD. DATE

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 BM201-65B TO BM201-66A
BM201-65B									BM201-65B Sierra Hwy. & Hwy. Sta. Marker #23.64 See F.B. 3728-139
1	16 972	317 5		22 10 12	246 371	547 5		252 240 12	
2	10 792	311 5		42 10½ 64	300 459	601 5		300 267½ 66	
3	13 855	314 5		38 76 13½ 50	298 009	599 5		298 78 273½ 50	
4	28 000	329 5		53 126 3 50	295 597	596 5		295 128 270½ 50	
5	37 666	338 5		62 176 12 50	287 400	588		287 178 261½ 52	T-Siemann
6	34 370	335 5		55 226 13 42	300 536	601 5		300 ~~284~~ 230 280½ 40	
7	16 121	317 5		29 268 3 26	300 191	601 5		300 270 288½ 24	
8	15 298	316 5		27 294 3 24	300 815	601 5		300 294 288½ 24	
9	23 209	324 5		35 318 9 26	286 850	587 5		299 318 273 26	
10	48 761	349 5		63 344 33 30	284 421	585 5		299 344 269 30	
				374				374 ✓	
								374 ✓	
	245 044 ✓				2900 649 ✓			748 ✓	
					245 044 ✓				
					2655 605 ✓				
BM201-66A									BM201-66A Sierra Hwy. & Soledad Cyn. Rd. N.E. Cor. See F.B. 3728-143

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-65B TO 201-65
B.M. 201-65B	36	5			55	44			B.M. 201-65 B
1	218	927	519 5	260 176 84	172	907	473 5	215 129 84	SIERRA HWY. & HWY. STA. 23.64
									SEE F.B. 3728-139
2	41	195	342 5	56 26 30	269	028	570 5	284 254 30	
				114				114	
3	21	894	322 5	33 9 22	277	724	578 5	290 264 26	
				136				140	
4	12	339	313 5	26 -2 28	262	844	563 5	273 251 22	
				164				162	
5	32	350	333 5	45 19 26	275	442	576 5	289 261 28	
				190				190	
6	21	538	322 5	42 0 42	206	531	507 5	227 185 42	π = MALDONADO
				232				232	
7	222	326	523 5	253 191 62	11	082	312 5	142 211 62	
				294				294	
8	234	969	535 5	254 214 40	56	984	357 5	77 35 42	
				334				336	
9	300	484	601 5	1300 284 32	77	310	378 5	93 61 32	
				366				368	
10	159	143	460 5	162 156 6	158	649	459 5	161 155 6	
				372				374	
B.M. 201-65								372	B.M. 201-65 (U.S.C.&G.S. B.M. SCE)
	1265	165			1768	501		746	SIERRA HWY. & P.P. 11652
					1265	165			SEE F.B. 2846-30
					-503	336			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-16-69

C. L. GALLI DATE

WEATHER LT. BREEZE INST. NO. 75-[illegible]

TIME 9:30 TO 10:15 ROD NO. 95496

NOTES CHKD. [illegible] DATE [illegible]

T = 90°

F.B. 2478 PG. 167

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	35	43			44	32			FROM 201-65 TO 201-65 B
B.M. 201-65									B.M. 201-65 (U.S.C.&G.S. B.M. SCE)
1	101	571	402 5	119 83 36	288	344	589 5	306 270 36	SIERRA HWY. & PP. 11652
									SEE F.B. 2846-30
2	30	892	331 5	49 11 38	280	891	581 5	298 262 36	
				74				72	
3	12	341	313 5	42 12 60	192	812	493 5	223 161 62	
				134				134	
4	201	927	502 5	223 179 44	28	448	329 5	51 3 48	
				178				182	
5	288	928	589 5	304 272 32	11	766	312 5	26 11 30	
				210				212	π = MALDONADO
6	271	502	572 5	284 258 26	24	907	325 5	41 7 34	
				236				246	
7	294	687	595 5	308 280 28	58	521	359 5	70 46 24	
				264				270	
8	288	095	589 5	288 263 50	138	640	439 5	162 114 48	
				314				318	
9	188	600	489 5	219 157 62	15	0870	451 5	179 121 58	
				376				376	
B.M. 201-65 B								376	B.M. 201-65 B
	~~1678~~	~~543~~			1175	199		752	SIERRA HWY. & STA. 23.64
	~~1175~~	~~199~~							SEE F.B. 3728-139.
	~~501~~	~~354~~							
	1678	543							
	1175	199							
	+503	344							

T=94°

F.B. 2478 PG. 168 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIEK NOTES SIEMANN 7-22-69

INDEXED D.J. GALLI DATE

WEATHER WINDY INST. NO. 234 ~~75123~~

TIME 2:30 to 3:15 ROD NO. 95096

NOTES CHKD. [signature] 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 201-65 TO 201-64
BM 201-65									B.M. 201-65 (U.S.C.&G.S. B.M. SCE)
1	152 320	453 5	154 / 150	4	152 808	453 5	154 / 150	4	SIERRA HWY. & P.P. 11652
									SEE F.B. 2846-30
2	154 066	455 5	156 / 152	4	~~146 780~~	~~447 5~~	~~148 / 144~~	4	π = MALDONADO
				8	148 020	449 5	150 / 146	8	
B.M. 201-64								8	B.M. 201-64 (U.S.C.&G.S. SEC. 22-27 LACS)
	306 386				300 828			16	SIERRA HWY. & P.P. 11652
	300 828								SEE F.B. 2846-30
	+ 5558								

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-17-69 WEATHER LT. BREEZE INST. NO. 95 [illegible]

INDEXED [illegible] DATE 16 [illegible] TIME 10:15 TO 10:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE [illegible]

T = 94°

F.B. 2478 PG. 169

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. 2478 PG. 170 JOB NO. 8301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-69

INDEXED D.J. GALLI DATE

T = 94°

WEATHER WINDY INST. NO. 75123 234

TIME 1:22 TO 2:25 ROD NO. 95896

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-64 TO 201-65
B.M. 201-64									B.M. 201-64 (U.S.C.&G.S. SEC. 22-27)
1	127	315	428.5	129 125 4	132	963	433.5	134 130 4	SIERRA HWY. & F.D.P. #11652
									SEE F.B. 2846-30
					127	315		4	T = MALDONADO
					+0	5648		8	
									B.M. 201-65 (U.S.C.&G.S. B.M. SCE)
									SIERRA HWY. & F.D.P. 11652
									SEE F.B. 2846-30

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 201-64 TO 201-63
B.M. 201-64									B.M. 201-64 (U.S.C.&G.S. SEC. 22-27 L.A.C.S.)
1	169	431	470 5	175 163 12	105	036	406 5	111 99 12	SIERRA HWY. & P.P. 11652
									SEE F.B. 2846-30
2	175	207	476 5	180 170 10	69	728	370 5	74 64 10	
				22				22	
B.M. 201-63								22	B.M. 201-63 (U.S.C.&G.S. SLOOT)
	344	638			174	764		44	SIERRA HWY. & F.D.P. 11653
	174	764							SEE F.B. 2846-29
	+ 169	874							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 75123

NOTES BY SIEM HNN DATE 7-16-69 TIME 10:25 TO 10:30 ROD NO. 95EGC

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

F.B. 2478 PG. 176

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 201-63 TO 201-64
B.M. 201-63									B.M. 201-63 (U.S.C. & G.S. SLOOT)
1	28	211	329.5	40 16 24	198	100	499.5	210 186 24	SIERRA HWY. & F.D.P. 11653
								24	SEE F.B. 2846-29
2							5	48	
					28	211			T = MALDONADO
					-169	889			
									B.M. 201-64 (U.S.C. & G.S. SEC. 22-27)
									SIERRA HWY. & F.D.P. 11653
									SEE F.B. 2846-30

T = 96°

WEATHER WINDY INST. NO. 234 ~~75423~~

TIME 2:20 TO 2:22 ROD NO. 958

NOTES CHKD [illegible] DATE

F.B. 2478 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-69

INDEXED G. L. 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-63 TO 201-62
B.M. 201-63									B.M. 201-63 (U.S.C.&G.S. SLOOT)
1	217	978	518 5	232 202 30	201	139	502 5	217 185 32	SIERRA HWY. & F.D.P. 11653
									SEE F.B. 2846-29
2	201	259	502 5	217 185 32	199	112	500 5	215 183 32	⊼ = MALDONADO
				62				64	
B.M. 201-62								62	B.M. 201-62 (U.S.C.&G.S. W-431 RESET 1955)
	419	237			400	251		126	SIERRA HWY. & F.D.P. 11655
	400	251							SEE F.B. 2846-28
	+18	986							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=94°

SURVEY BY G.E. DREIER WEATHER L.T. BREEZE INST. NO. 25423

NOTES BY SIEMANN DATE 7-16-69 TIME 10:35 TO 10:40 ROD NO. 95696

INDEXED C.L. CALLI DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM 201-62 TO 201-63
B.M. 201-62									B.M. 201-62 (U.S.C.&G.S. W-431)
1	209	120	510 5	224 / 194 30	228	131	529 5	244 / 212 32	SIERRA HWY. & F.D.P. 116 55
									SEE F.B. 2846-28
2					209	120		30	
					19	011		62	π = MALDONADO
B.M. 201-63									
									B.M. 201-63 (U.S.C.&G.S. SLOOT)
									SIERRA HWY. & F.D.P. #11653
									SEE F.B. 2846-29

T = 94°

WEATHER WINDY INST. NO. 234 ~~75 123~~

TIME 2:15 2:30 ROD NO. 75 [illegible]

NOTES CHKD [illegible] DATE [illegible]

F.B. 2478 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-69

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-62 TO 201-61
B.M. 201-62									B.M. 201-62 (U.S.C.&G.S. W-431 RESET 1950)
1	255	596	556 5	278 232 46	188	950	489 5	211 165 46	SIERRA HWY. & F.D.P. 116 55
									SEE F.B. 2846-28
2	293	828	594 5	293 267 ~~52~~ 98	18	152	319 5	144 218 52 98	
3	171	922	472 5	180 162 18 116	100 ~~78~~	066	401 5	109 91 18 116	π = MALDONADO
4	~~111~~	~~272~~	~~412 5~~	~~113~~ ~~109~~ 4	111	272	412 5	113 109 4	
	145	266	446 5	147 143 120				120	
B.M. 201-61								120	B.M. 201-61 (U.S.C.&G.S. V-431)
	866	612			418	440		240	SIERRA HWY & F.D.P. 116-61
	418	440							SEE F.B. 2846-28
	+448	172							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 75-123

NOTES BY SIEMANN DATE 7-16-69 TIME 10:40 TO 11:00 ROD NO. 95696

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

F.B. 2478 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-61 TO 201-62
B.M. 201-61									B.M. 201-61 (U.S.C.&G.S. V-431)
1	46	777	347 5	68 24 44	265	461	566 5	286 244 42	SIERRA HWY. & F.D.P. 11661
									SEE F.B. 2846-28
2	23	648	324 5	47 -1 48	284	453	585 5	308 260 48	
				92				90	
3	112	899	413 5	126 98 28	81	579	382 5	95 67 28	T = MALDONADO
				120				118	
B.M. 201-62								120	B.M. 201-62 (U.S.C.&G.S. W-431)
	183	324			631	493		238	SIERRA HWY. & F.D.P. 11655
					183	324			SEE F.B. 2846-28
					448	169			

F.B. 2478 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-69

INDEXED C.J. GALL DATE

T = 94°

WEATHER WINDY INST. NO. 234 25423

TIME 2:05 TO 2:15 ROD NO. 95496

NOTES CHKD. [illegible] 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-61 TO 201-60
B.M. 201-61									B.M. 201-61 (U.S.C.&G.S. V-431)
1	255	770	556 5	276 234 42	30	933	331 5	53 7 46	SIERRA HWY. & F.D.P. 11661
									SEE F.B. 2846-28
2	299	152	600 5	297 272 54	30	410	331 5	156 230 52	
				96				98	
3	282	060	583 5	295 269 26	49	239	350 5	62 36 26	π = MALDONADO
				122				124	
4	176	629	477 5	180 172 8	117	383	418 5	121 113 8	
				130				132	
B.M. 201-60								130	B.M. 201-60 (U.S.C.&G.S. U-431)
	1013	611			227	965		262	SIERRA HWY. & F.D.P. # 11667
	227	965							SEE F.B. 2846-28
	+785	646							

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 25483

NOTES BY SIEMANN DATE 7-16-69 TIME 11:00 TO 11:20 ROD NO. 95196

INDEXED C. J. GALLY DATE SEP 8 [illegible] NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 PG. 177

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.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-60 TO 201-61
B.M. 201-60							B.M. 201-60 (U.S.C.&G.S. U-431)
1	20016	321 5	35 6 29	263323	564 5	278 248 30	SIERRA HWY. & F.D.P. 111667.
							SEE F.B. 2846-28
2	33472	334 5	51 15 36	266142	567 5	284 248 36	
			65			66	
3	42094	343 5	66 42 48	301802	602 5	301 272 58	
			113			124	π = MALDONADO
4	90866	391 5	98 82 16	140820	441 5	143 137 6	
			129 ✓			130 ✓	
B.M. 201-61						129	B.M. 201-61 (U.S.C.&G.S. V-431)
	186448 ✓			972087 ✓		259	SIERRA HWY. & F.D.P. 116. 65.
				186448 ✓			SEE F.B. 2846-28
				785639 ✓			

F.B. 2478 Pg. 178 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-69

INDEXED D.J. GALLI DATE

WEATHER WINDY INST. NO. 75423 234

TIME 1:45 TO 2:00 ROD NO. 95096

NOTES CHKD. [illegible] DATE

T = 92°

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. Draier
NOTES BY Maldonado DATE 7-16-69
WEATHER Sunny & Breezy TIME 11:20 to 11:25
T-92°
F.B. 2478 Pg. 179
ROD NO. 95896

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM201-60 TO BM 201-59A
BM201-60							BM 201-60 (U.S.C.&G.S. U-431)
			242			148	Sierra Hwy. & F.D.P. #11667
1	219.912	520.5	192 ~~46~~	128.163	429.5	108 40	See F.B. 2846-28
			168			116	3728-127
2	165.118	466.5	162 6	110.472	411.5	104 12	
			52			52	
						52	
	385030			238.635		104	
	238635						
	146395						
							X-Siemann
			RERUN	7-28-69	T=98°	LT WIND	2:10 ROD #95 INST #96716
			261			117	
1	233231	5345	205 56	86509	3875	60 52	
	86509					56	
	146722					108	
BM201-59A							BM 201-59A (U.S.C.&G.S. T-1147 Sierra Hwy. & 12 Ft. 1961) S.E'ly of BM 201-60. See F.B. 3728-126

INSTRUMENT G.A. CALL DATE
NOTES CHKD. DATE
INST. NO. 75-

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 BM201-59A TO BM201-60
BM201-59A									BM 201-59A (U.S.C.&G.S. T-1147
				135				270	Sierra Hwy., & ± 312 Ft. 1961)
1	111	442	412.5	87 48	246	733	547.5	222 48	SE'ly. of BM 201-60
				154				166	See F.B. 3728-126
2	151	720	452.5	148 6	163	160	464.5	160 6	
				54				54	
								54	
	263	162			409	893		108	
					263	162			
					146	731			
									T-Siemann
									BM 201-60 (U.S.C.&G.S. U-431)
									Sierra Hwy. & F.D.P. #11667
BM201-60									See F.B. 2846-28

F.B. 2478 PG. 180 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-68

INDEXED G.L. GALLI DATE

WEATHER Sunny & Brec 23 INST. NO. 75423 234

TIME 1:30 to 1:35 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-94°

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 BM 201-59A TO BM 201-59
BM201-59A									BM 201-59A (U.S.C.&G.S. T-1147, 1961) Sierra Hwy., & ± 312 Ft. SE'ly. of BM 201-60
1	79.130	380 5	86 72	14	183 761	484	190 172	14	See F.B. 3728-126
2	120.388	421 5	125 115	10	183 520	484 5	188 178	10	
				24				24	
								24	
	199 518				367 281			48	
					199 518				
					167 763				X-Siemann
BM201-95									BM 201-~~95~~ 59 (U.S.C.&G.S. Mont 2 Sierra Hwy., & 185 Ft. S. of 1958) South corner of the Cornerstone Bar bldg. (closed) See F.B. 2846-27

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-16-69

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Breezy

TIME 11:25 to 11:35

NOTES CHKD [illegible] DATE [illegible]

T-~~100~~ 92°

F.B. 2478 PG. 18[illegible]

INST. NO. [illegible]

ROD NO. 95 & 96

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 BM201-59 TO BM201-59A
BM 201-59									BM 201-59 (U.S.C.&G.S. MONT 2
				234				67	Sierra Hwy. & 185 Ft. 1958)
1	221	826	522	5	54	088	355	5	41 26 So. of the South Corner of the
	54	088							26 Cornerstone Bar bldg. (closed)
	+167	738							52 See F.B. 2846-27
									X-Siemann
									BM 201-59A (U.S.C.&G.S. T-1147, 1961)
BM201-59A									Sierra Hwy. & ± 312 Ft. S.E.'ly of BM 201-60 See F.B. 3728-126

T-94°

WEATHER Sunny & Breezy INST. NO. 234 25-123

TIME 1:25 to 1:30 ROD NO. 95-96

NOTES CHKD [illegible] DATE

JOB NO. 030102

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED [illegible] DATE

F.B. 2478 PG. 182

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 BM 201-59 TO BM 201-58
BM 201-59									BM 201-59 (U.S.C.&G.S. MONT. 2 1958)
				176				153	Sierra Hwy., & 185 Ft. S. of the
1	152	096	453 5	128 48	129	343	430 5	105 48	south Cor. of Cornerstone Bar
				182				162	Bldg. (closed)
2	164	706	465 5	146 36	144	251	445 5	126 36	See F.B. 2846-27
				84				84	
								84	
	316	802			273	594		168	
	273	594							
	+ 43	208							
									K-Siemann
BM 201-58									BM 201-58 (U.S.C.&G.S. F-1000 1958) Sierra Hwy., & 198 Ft. SE. of Ctr. of Hwy., & 310 Ft. E. of ℄ Int. of Old Angeles Forest Hwy. see F.B.'s 2846-26 3728-123

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 7-16-64
INDEXED C.J. GALLI DATE SEP 1 [illegible]
WEATHER Sunny & Breezy
TIME 11:35 to 11:45
NOTES CHKD. [illegible]
INST. NO. 75[illegible]
ROD NO. 95 & 96
DATE [illegible]
F.B. 2478 Pg. 18[illegible]

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-58 TO BM201-59
BM201-58									BM201-58 (U.S.C.&G.S. F-1000 1958)
				188 50				222	Sierra Hwy. & 310 Ft. E. of ℄
1	163	995	464.5	138 ~~50~~	197	992	498.5	172 .50	Int. of Old Angeles Forest
				146				154	Hwy., 198 Ft. S.E. of Ctr. of Hwy.
2	129	682	430.5	112 34	138	912	439.5	122 .32	see F.B. 2846-26
				84				82	3728-123
								84	
	293	677			336	904		166	
					293	677			
					43	227			
									T-Siemann
BM201-59									BM201-59 (U.S.C.&G.S. MOTT 2 1958) Sierra Hwy. & 185 Ft. S. of the South corner of the Cornerstone Bar bldg. (closed) See F.B. 2846-27

F.B. 2478 PG. 184 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 75-423

TIME 1:20 P.M. ROD NO. 95296

NOTES CHKD [illegible] DATE AUG 20 1969

T-94°

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 Maldonado DATE 7-16-69

INDEXED C.J. CALLI DATE

WEATHER Sunny & Breezy

TIME 11:45 to 11:55

NOTES CHKD

INST. NO. 25[illegible]

ROD NO. 95 & 96

F.B. 2478 Pg. 185

T-92°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-58 TO BM201-57
BM201-58									BM201-58 (U.S.C.&G.S. F-1000 1950)
	0			105				242	Sierra Hwy. & Old Angeles Forest Hwy
1	81	721	382 5	57 48	217	828	518 5	192 50	310 Ft. E. of ℄ Intersection.
				142				194	See F.B.'s 2846-26 & 3728-123
2	126	500	427 5	110 32	177	388	478	160 34	
				80				84	
								80	
	208	221			395	216		164	
					208	221			
					-186	995			
									π-Siemann
									BM201-57 (U.S.G.S. 3219, 40)
									Sierra Hwy. & 255.5 Ft. S.E. of ctr.
BM201-57									Hwy. 32.3 Ft. NW'ly of a T.P. # None
									See F.B.'s 2846-26
									3728-121

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 BM201-57 TO BM201-58
BM201-57									BM201-57 (U.S.C.&G.S. 3219, 40) Sierra Hwy., 32.3 Ft. NW'ly. of a T.P.#, 255.5 Ft. S.E. of Ctr. of Hwy.
1	216	453	517 5	244 188 56	93	290	394 5	121 65 56	
2	168	346	469 5	180 156 ~~180~~ 24 80	104	588	405 5	117 91 26	see F.B.
								82	
								80	
	384	799			197	878		162	
	197	878							
	+ 186	921							
									R-Siemann
BM201-58									BM201-58 (U.S.C.&G.S. F-1000 1958) Sierra Hwy., 310± Ft. E. of ℄ Int. of Old Angeles Forest Hwy., 198 Ft. S.E. of Ctr. of Hwy. see F.B. 2846-26 3728-123

F.B. 2478 Pg. 186 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 ~~25123~~

TIME 11:50 to 12:00 ROD NO. 95196

NOTES CHKD [illegible] DATE

T-98°

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 BM 201-57 TO BM 201-56
BM 201-57									BM 201-57 (U.S.G.S. 3219, 40) Sierra Hwy., & ~~32.3~~ 255.5 Ft. S.E. of Ctr. of Hwy., 32.3 ft. NW'ly. of a T.P.#
1	237	262	538 5	271 203 68	200	810	501 5	235 165 70	
2	245	813	546 5	271 219 52	68	254	369 5	93 43 50	
				120				120	
3								120	
	483	075			269	064		240	
*	269	064							
	+214	011							
									T-Siemann
BM 201-56									BM 201-56 (U.S.C.&G.S. S-431) 1935) Sierra Hwy. &, Culvert # EC 53+00 See F.B. 2846-25

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-16-69

INDEXED C. LOALLI DATE SP 8-[illegible]

WEATHER Sunny & Breezy INST. NO. 25-234

TIME 1:25 to ROD NO. 95-E96

NOTES CHKD. [illegible] DATE [illegible]

T-96°

F.B. 2478 PG. 187

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 BM 201-56 TO BM 201-57
BM 201-56									BM 201-56 (U.S.C.&G.S. S-431 1935)
				79 1/2				293	Sierra Hwy., & 226.4 Ft. S.W. of
1	57	662	358 5	572 44	271	688	572 5	249 44	Culvert # E 653+00
					57	662		44	See F.B.
2					214	026		88	
									T-Siemann
BM 201-57									BM 201-57 (U.S.C.&G.S. 3219, 40) Sierra Hwy., & 255.5 Ft. S.E. of Ctr. of Hwy., 32.3 Ft. NW'ly. of a T.P. # None See F.B. 2846-26 3728-121

F.B. 2478 Pg. 188 JOB NO. 0301.02 T-90°

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED D.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 25+25 234

TIME 11:45 to 11:50 ROD NO. 95+96

NOTES CHKD. [illegible] 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 Maldonado
DATE 7-16-69
WEATHER Sunny & Breezy
TIME 8:30 to 1:45
INST. NO. 25-24
ROD NO. 23-24
T - 94°
F.B. 2478 Pg. 189
INDEXED C.J. Gall
DATE
NOTES CHKD
DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											FROM BM201-56 TO BM201-54
BM201-56											BM 201-56 (U.S.C.&G.S. S-431, 1935)
					93					278	Sierra Hwy. & 226.4 Ft. S.W. of
1	67	745	368	5	41 52	252	390	553	5	226 52	Culvert # E 653+00
					50 ½					301 ½	
2	18	030	319	5	18 64	301	602	602	5	270 62	
					119 116					276 114	
3	84	930	385	5	49 70	240	143	541	5	204 72	
					169 186					186 186	
4	164	700	465	5	159 10	182	452	483	5	178 8	
					196 ✓					194 ✓	
										196 ✓	
	335	405 ✓				976	587 ✓			390	
						335	405 ✓				X-Siemann
						641	182 ✓				
											BM 201-54 (U.S.C.&G.S. S-431 1935)
BM201-54											

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-54 TO BM201-56
BM201-54									BM201-54 Q-431 1935) Sierra Hwy., 164 Ft. S.W. of Culvert # E 665+75. See F.B. 2846-26 3728-115
1	198	170	499 5	225 171 54	78	954	379 5	105 51 54	
2	245	889	546 5	271 217 54	72	701	373 5	98 46 52	
3	271	758	572 5	291 108 251 40	53	653	354 5	73 106 33 40	
4	199	851	500 5	220 148 178 42	68	999	369 5	89 146 68 42	K-Siemann
				190				188	
								190	
	915	668			274	307		378	
	274	307							
	+641	361							
BM201-56									BM201-56 (U.S.C.&G.S. S-431 1935) Sierra Hwy., & ~~T.P.~~ 92 Ft. ~~T.P.~~ # 708338H. See F.B. 2846-26 3728-119

F.B. 2478 Pg. 190

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 25+23

TIME 11:30 to ROD NO. 95896

NOTES CHKD [illegible] DATE

T-90°

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 BM201-54 TO BM201-53
BM									BM201-54 (U.S.C.&G.S. Q-431 1935) Sierra Hwy.,
1	142 ~~70~~	112 ~~142~~	443 5	177 107 70	166	588 ~~660~~	467 5	201 131 70	
2	87	845	388 5	102 72 30	141	362	442 5	155 127 28	
				100				98	
								100	
	229957				307950			198	
					229957				
					77993				π-Siemann
BM201-53									BM201-53 (U.S.C.&G.S. H-57 1960) Sierra Hwy.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-16-69

INDEXED D. L. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 75

TIME 1:50 to 6 ROD NO. 95 & 96

NOTES CHKD DATE

T-94°

F.B. 2478 Pg. 191

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 BM 201-53 TO BM 201-54
BM 201-53									BM 201-53 (U.S.C.&G.S. H-57 1960) Sierra Hwy., & L.A.C.F.D. Pole # 116-85
1	224	442	525 5	252 196 56	166	982	467 5	194 138 56	see F.B.
2	170	534	471 5	191 149 42	149	880	450 5	170 128 42	
				98				98	
								98	
								196	
	394	976			316	862			
	316	862							
	+78	114							
									π-Siemann
BM 201-54									BM 201-54 (U.S.C.&G.S. Q.431 1935) Sierra Hwy. & 164 Ft. S.W. of Culvert # E 665+75 See F.B. 2846-26 3728-115

F.B. 2478 PG. 192 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 25+23

TIME 11:15 to 11:25 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-90°

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 BM201-53 TO BM201-52A
BM201-53									BM201-53 (U.S.C.&G.S. ~~S-1147~~ H-57 1960)
				123				147	Sierra Hwy. & L.A.C.F.D. Post 116-40
1	119	677	420 5	115 8	143	932	444 5	139 8	See F.B. 2846-25
					119	677		8	
					24	255		16	
									R-Siemann
BM201-52A									ROD MARK
									BM201-52A (U.S.C.&G.S. S-1147 1960)
									Sierra Hwy., & Mile Post 420
									See F.B. 3728-112

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-16-69

INDEXED D. LOMIS DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 25 [illegible]

TIME 2:05 + 2:10 ROD NO. 95 only

NOTES CHKD. [illegible] DATE [illegible]

T-94°

F.B. 2478 Pg. 193

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 BM201-52A TO BM201-53
BM201-52A									BM201-52A (U.S.C.&G.S. S-1147
				145 ✓				121	1961) Rod Mark
1	141	925	442.5	137 8	117	697	418.5	113 8	Sierra Hwy., & Mile Post 420
	117	697 ✓						8	See F.B. 3728-112
	+24	228 ✓						16	
									K-Siemann
									BM201-53 (U.S.C.&G.S. H-57 1960)
									Sierra Hwy, & LACFD. Pole #116-90
BM201-53									See F.B. 2846-25

F.B. 2478 PG. 194 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C. L. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 ~~75-123~~

TIME 11:10 to 11:15 ROD NO. 95 ~~[illegible]~~

NOTES CHKD [illegible] DATE

T-90°

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 BM 201-52A TO BM 201-52
BM201-52A									BM 201-52A (U.S.C.&G.S. S-1147 1961) Sierra Hwy., & Mile Post 420 see F.B. 3728-112
1	207	452	508 5	225 189 36	131	803	432 5	149 113 36	
2	188	468	489 5	214 162 52	122	168	423 5	147 97 50	
3	218	957	519 5	228 208 88 20	130	488	431 5	141 119 86 22	
4	187	224	488	192 182 108 10	129	478	430 5	134 124 108 10	
				118				118	
								118	π-Siemann
	802	101			513	937		236	
	513	937							
	+288	164							
BM201-52									BM 201-52 (U.S.C.&G.S. Q-811 1947) Sierra Hwy., & P.P. #1451110E. See F.B. 2846-24 3728-111

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-94°

SURVEY BY G. E. Dreier WEATHER Sunny & Breezy INST. NO. 25-24

NOTES BY Maldonado DATE 7-16-69 TIME 2:10 + ROD NO. 95-96

INDEXED P. J. CALTE DATE SEP 8 1969 NOTES CHKD [illegible] DATE

F.B. 2478 Pg. 195

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 201-52 TO 201-52A
BM 201-52									BM 201-52 (U.S.C.&G.S. Q-811 1947)
1	24	150	325 5	49 -1 50	212	749	513 5	237 187 50	Sierra Hwy., & P.P.# 1451106 E.
2	111	198	412 5	142 80 62	210	732	511 5	241 179 62	See F.B. 2846-24 3728-181
				112				112	
								112	
	135	348			423	481		224	
					135	348			
					288	133			
									A-Siemann
BM 201-52A									BM 201-52A (U.S.C.&G.S. 1961) Sierra Hwy., Mi. Post 420 Rod Mark S-1147 SEE F.B. 3728-112

T = 90°

WEATHER Sunny & Freezy INST. NO. 25 234 123

TIME 11:00 to ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED C.T. GALLY DATE

F.B. 2478 PG. 196

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. Drager DATE 7-16-69 WEATHER Sunny & Dry
NOTES BY Maldonado TIME 2:20 to 2:30 ROD NO. 85-59
INST. NO. 75-25
F.B. 2478 Pg. 197
T-94

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM201-52 TO BM201-51
BM 201-52											BM 201-52 (U.S.C.&G.S. Q-811 1947) Sierra Hwy. & P.P. 145110E.
				223					185		
1	191	920	492 5	159	64	152	960	453	119	66	see F.B. 2846-24
				175					113		3728-111
2	162	296	463 5	149	26	192	488	403 5	91	22	
					90					88	
∑										90	
	354216					255448				178	
	255448										
	+ 98768										
											↑ R. SIEMANN
			RERUN	7-28-69		2:30 P.M.		T=96°	LT WIND		INST. #96716 RODS 25 & 96
				182					148		
1	161	080	462 5	140	42	127	780	428 5	106	42	
				183					117		
2	160	801	461 5	137	46	95	001	396 5	73	44	
					88					86	
										88	
	321 881					222 781				174	
	222 781										
	+ 99 100										
											BM 201-51 (U.S.C.&G.S. L-899 1955) Sierra Hwy. & P.P. 145111 OE.
BM201-51											see F.B. 2846-24
											3728-109

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 BM201-51 TO BM201-52
BM 201-51									BM 201-51 (U.S.C.&G.S. L-899 1955) Sierra Hwy. & P.P.# 145 1110E
1	91	349	392.5	118 64 54	167	549	468.5	193 141 52	See F.B. 2846-24 3728-109
2	140	740	441.5	155 125 30	163	552	464.5	180 146 34	
				84				86	
								84	
	232	089			331	101		170	
					232	089			K. Siemann
					-99	012			
BM 201-52									BM 201-52 (U.S.C.&G.S. Q-811 1947) Sierra Hwy. & P.P.# 145 1106E See F.B. 2846-24 3728-111

T-88°

WEATHER Sunny & Breezy INST. NO. 25-234

TIME 10:40 450 ROD NO. 95896

NOTES CHKD. [illegible] DATE

JOB NO. 030102

SURVEY OF

SURVEY BY Dreer NOTES Maldonado 7-22-69

INDEXED C.J. GALLI DATE

F.B. 2478 PG. 198

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 BM 201-51 TO BM 201-50A
BM201-51									BM 201-51 (U.S.C.&G.S. L-899 1955) Sierra Hwy. & P.P. # 1451110E.
1	73	000	374 5	91 55 36	179	538	480 5	198 160 38	see F.B. 2846-24 3728-109
2	163	891	464 5	165 161 4	78	265	379 5	80 76 4	
				40				42	
								40	
	236	891			257	803		82	
					236	891			T-Siemann
					20	912			
BM201-50A									BM 201-50A (U.S.C.&G.S. A-994 1965) Sierra Hwy., & Hwy. Bridge # 53-1004 See F.B.

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-16-69

WEATHER Sunny & Breezy INST. NO. 75 [illegible]

TIME 2:30 to 2:35 ROD NO. 95 & 96

INDEXED [illegible] DATE [illegible]

NOTES CHKD. [illegible] DATE [illegible]

T-94°

F.B. 2478 PG. 199

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 BM201-50A TO BM201-51
BM 201-50A									BM 201-50A (U.S.C.&G.S. A-994 1965)
1	72	890	373 5	76 68 8	159	626	460 5	163 155 8	Sierra Hwy. @ Hwy. Bridge # 53-1004 (set Vertically)
2	168	250	469 5	187 149 38 46	60	520	361 5	79 41 38 46 46	see F.B. 3728-107
B									
	241	140			220	146		92	
	220	146							
	+ 20	994							
									π-Siemann
BM 201-51									BM 201-51 (U.S.C.&G.S. L-899 1955) Sierra Hwy. & P.P. # 145 1110E See F.B. 2846-24 3728-109

F.B. 2478 PG. 200

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED D. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 25+23

TIME 10:30 to 10:40 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T = 88°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

203 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 BM 201-50A TO BM 201-49A
BM 201-50A													BM 201-50A (U.S.C.&G.S. A-994 1965)
					58						212		Sierra Hwy., @ Hwy. Bridge
1	53	642	354	5	48	10	206	902	507	5	200	12	#53-1004 (set Vertically)
					59						294		See F.B. 3728-107
2	36	298	337	5	13	46	270	691	571	5	246	48	
						56 ✓						60 ✓	
												56 ✓	
	89	940 ✓					477	593 ✓				116 ✓	π-Siemann
	~~487~~	~~593~~					89	940 ✓					
		~~367~~					387	653 ✓					
													Reset
BM 201-49A													BM 201-49A (U.S.C.&G.S. M-431 1963) Sierra Hwy. & P.P. #145111E (3.9 Ft. S.) See F.B. 3728-103

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

SURVEY BY G.E. Drier

NOTES BY Maldonado DATE 7-16-69 WEATHER Sunny & Breezy INST. NO. 7-234

INDEXED C.J. GALLI DATE 8-7-69 TIME 2:35 to 4:45 ROD NO. 95 & 96

NOTES CHKD [illegible] DATE

T-94°

F.B. 2478 Pg. 201

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 BM201-49A TO BM201-50A
BM201-49A									BM 201-49A (U.S.C.&G.S. M-431, 1935 RESET 1963)
1	277	108	578 5	303 251 52	16	500	317 5	41, 16½ 50	Sierra Hwy., & P.P. # 145111 (3.9 Ft. S'ly.)
2	199	427	500	202 196 6	72	468	373 5	76 68 8	See F.B. 3728-103
				58 ✓				58 ✓	
								58 ✓	
	476	535 ✓			88	968 ✓		116 ✓	
	88	968 ✓							
	+387	567 ✓							
									Siemann
BM201-50A									BM 201-50A (U.S.C.&G.S. A-994 1965) Sierra Hwy. & Hwy. Bridge #53-1004 See F.B. 3728-107

T = 88°

WEATHER Sunny & Breezy INST. NO. 234 ~~25+23~~

TIME 10:25 to 10:30 ROD NO. 95 & 96

NOTES CHKD [signature] DATE 2-3-69

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-22-69

INDEXED D. L. GALLI DATE

F.B. 2478 PG. 202

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 7-94°
SURVEY BY G.E. Drew
NOTES BY Maldonado
INDEXED G.E. Gatti
DATE 7-16-69
WEATHER Sunny & Breezy
TIME 2:45 to 3:10
NOTES CHKD
DATE
INST. NO. 75-718
ROD NO. 93-F96
F.B. 2478 PG. 203

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-49A TO BM 201-48
BM 201-49A									BM 201-49A (U.S.C.&G.S. M-431 Reset 1963) Sierra Hwy. & P.P.# 145 111 E (3.95)
				35 1/2				268	
1	23 849	324 5		23 24	256 594	557 5		244 24	See F.B. 3728-103
				52				300	
2	38 805	339 5		24 28	287 640	588 5		274 26	
				52				297 50	
3	15 971	316 5		29 1 28	297 740	598 5		282 30	
				80				295 80	
4	26 683	327 5		44 8 36	295 740	596 5		278 34	T. Siemann
				116 ✓				114 ✓	
								116 ✓	
	105308 ✓				1137714 ✓			230 ✓	
					105308 ✓				
					1032406 ✓				
BM 201-48									BM 201-48 (U.S.C.&G.S. E-1000 1958) Sierra Hwy. & 15.5 Ft. NE'ly. of P.P.# 145 116 E. See F.B. 2846-24 3728-99

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. 2478 Pg. 204 | JOB NO. 0301.02 | SURVEY OF Dreier | NOTES Maldonado 7-22-68 | SURVEY BY | INDEXED D.D. GALL | DATE

WEATHER Sunny & Breezy | INST. NO. 75-1116 | TIME 10:00 to 10:20 | ROD NO. 95-196 | NOTES CHKD | DATE

T-880

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 201-48 To BM 201-49A
BM 201-48							BM 201-48 (U.S.C.&G.S. E-1000 Sierra Hwy. 15.5 Ft. NE'ly of P.P. #75 1116E. 1958) See F.B. 2876-24 3728-99
1	179 691	480 5	189 / 169 20	53 070	354 5	63 / 43 20	
2	292 352	593 5	305 / 279 26	11 860	312 5	26 / 11 30	
3	297 321	598 5	297 46 / 285 24	33 460	334 5	45 / 21 50 / 24	
4	290 980	591 5	290 10 / 273 34	42 827	343 5	58 / 26 74 / 32	
5	185 142	486 5	188 104 / 182 6	71 850	372 5	73 / 69 106 / 4	T-Siemann
			110 ✓			110 ✓	
						110 ✓	
						220 ✓	
	1245486 ✓			213 067 ✓			
	213 067 ✓						
	+1032419 ✓						
BM 201-49A							BM 201-49A (U.S.C.&G.S. M-431, 1933 RESET 1963) Sierra Hwy. & P.P. 145111E (3.9 Ft. S'ly.) See F.B. 3728-103

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

203 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 BM201-48 TO 201-47
B.M.201-48													B.M.201-48 (U.S.C.&G.S. E 1000 1958)
1	28	644	329	5	39 / 17	22	277	934	578	5	287 / 267	20	SIERRA HWY. & P.P. 1451116 E.
													SEE F.B. 2846-24
2	15	416	316	5	27 / 21	30 / 52	292	672	593	5	308 / 276	32 / 52	
3	16	041	317	5	26 / 6	20 / 72	250	126	551	5	260 / 240	20 / 72	π = MALDONADO
4	11	398	312	5½	26 / 11	30 / 102	284	686	585	5	299 / 269	30 / 102	
B.M.201-47												102	B.M.201-47 (U.S.C.&G.S. K-431)
	71	499					1105	418				204	SIERRA HWY. & P.P. 706709 E
							71	499					SEE F.B. 2846-23
							1033	919					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 86°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 25[illegible]

NOTES BY SIEMANN DATE 7-17-69 TIME 10:30 TO 10:55 ROD NO. 95296

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

F.B. 2478 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-47 TO 201-48
B.M. 201-47									B.M. 201-47 (U.S.C.&G.S. K-431)
1	248	602	549 5	260 236 24	12	237	313 5	25 12 26	SIERRA HWY. & P.P. 706709 E.
									SEE F.B. 2846-23
2	270	771	571 5	281 259 22 46	18	977	319 5	32 4 28 54	
3	296	851	597 5	296 282 28 74	63	490	364 5	73 53 20 74	π = MALDONADO
4	268	117	569 5	280 256 24 98	60	598	361 5	72 48 24 98	
5	233	262	534 5	235 231 4 102	128	282	429 5	130 126 4 102	
B.M. 201-48								102 204	B.M. 201-48 (U.S.C.&G.S. 1958 E-1000)
	1317	603			283	584			SIERRA HWY. & P.P. #1451116 E.
	283	584							SEE F.B. 2846-24
	+1034	019							

T = 88

F.B. 2478 PG. 206

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-22-67

INDEXED R.R. CALLI DATE

WEATHER LT. BREEZE INST. NO. 25 234

TIME 9:45 TO ROD NO. 75896

NOTES CHKD [illegible] 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 SIEMANN DATE 7-17-69

INDEXED C.J. CALLI DATE SEP 1 69

WEATHER LT BREEZE INST. NO. 25 [illegible]

TIME 10:55 TO 11:15 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE [illegible]

T = 88°

F.B. 2478 Pg. 207

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-47 TO 201-45
B.M. 201-47									B.M. 201-47 (U.S.C.&G.S. K-431
1	25	727	326 5	37 13 24	265	612	566 5	277 253 24	SIERRA HWY. & P.P. 706 709 E
									SEE F.B. 2846-23
2	13	184	314 5	1/2 29 13 32	296	712	597 5	1/2 296 281 30	
				56				54	
3	26	692	327 5	39 13 26	278	620	579 5	292 264 28	
				82				82	
4	11	953	312 5	1/2 26 11 30	294	622	595 5	1/2 294 279 30	T = MALDONADO
				112				112	
5	79	939	380 5	87 71 16	261	088	562 5	269 253 16	
				128				128	
6	189	175	490 5	191 187 4	189	222	490 5	191 187 4	
				132				132	
B.M. 201-45								132	B.M. 201-45 (U.S.C.&G.S. ATLAS)
	346	670			1585	876		264	SIERRA HWY. & MI. MARKER 21.42
					346	670			SEE F.B. 2846-21
					-1239	206			

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM 201-45 TO 201-47
B.M.201-									B.M.201-45 (U.S.C.&G.S. ATLAS)
1	295	270	596 5	295 / 283 24	41	382	342 5	53 / 29 24	SIERRA HWY. & STA. 21.42
									SEE F.B. 2846-21
2	250	452	551 5	261 / 239 22 / 46	20	120	321 5	33 / 7 26 / 50	
3	248	123	549 5	258 / 238 20 / 66	42	811	343 5	53 / 31 22 / 72	
4	278	768	579 5	291 / 265 26 / 92	50	769	351 5	60 / 40 20 / 92	π = MALDONADO
5	284	693	585 5	300 / 268 32 / 124	14	197	315 5	29 / -1 30 / 122	
6	170	632	471 5	173 / 167 6 / 130	119	513	420 5	122 / 116 6 / 128	
B.M.201-47								130	B.M.201-47 (U.S.C.&G.S. K-431)
	1527	938			288	792		258	SIERRA HWY. & P.P.# 706709 E
	288	792							SEE F.B. 2846-23
	+1239	146							

T=92°

WEATHER WINDY INST. NO. 234 / 25423

TIME 2:45 TO 3:10 ROD NO. 75496

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-67

INDEXED D.J. GALLI DATE

F.B. 2478 PG. 208

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 201-45 TO 201-44
B.M. 201-45									B.M. 201-45 (U.S.C.&G.S. ATLAS)
1	194	570	495 5	196 ✓ 192 4	180	628	481 5	183 6 177 ~~4~~	SIERRA HWY. & HWY. STA. 21.42
									SEE F.B. 2846-21
B.M. 201-44	180	628 ✓						4 ~~8~~	B.M. 201-44 (U.S.C.&G.S. ATLAS R.M. #1)
	+13	942 ✓						10	SIERRA HWY. & HWY. STA. 21.42.
									SEE F.B. 2846-21

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-17-69

INDEXED C.J. GAGE DATE [illegible]

WEATHER LT. BREEZE INST. NO. 25[illegible]

TIME 11:20 TO 11:25 ROD NO. 95[illegible]

NOTES CHKD. [illegible] DATE [illegible]

T = 96°

F.B. 2478 Pg. 209

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 201-44 TO 201-45
B.M. 201-44									B.M. 201-44 (U.S.C & G.S. ATLAS R.M.1) SIERRA HWY. & STA. 21.42
1	171	622	472.5	174 168 6	185	590	486.5	188 182 6	SEE 2846-21
									π = MALDONADO
					171	622		6	
B.M. 201-45					13	968		12	B.M. 201-45 (U.S.C & G.S. ATLAS) SIERRA HWY. & STA. 21.42 SEE F.B. 2846.21

T = 92°

WEATHER WINDY INST. NO. 234 25423

TIME 2:40 TO 2:45 ROD NO. 95496

NOTES CHKD [illegible] DATE [illegible]

F.B. 2478 PG. 210 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

INDEXED C. L. 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM 201-44 TO 201-43
B.M.201-44									B.M.201-44 (U.S.C.&G.S. ATLAS RM.)
1	85 588	386 5	96 74	22	272 553	573 5	283 264	19	SIERRA HWY. & STA 21.42
									SEE F.B. 2846-21
2	103 439	404 5	110 96	14	177 251	478 5	182 172	10	
				36				29	✓ π = MALDONADO
B.M.201-43								36	B.M.201-43 (U.S.C.&G.S. M-899)
	189 027 ✓				449 804 ✓			65	SIERRA HWY. & P.P. 706712E
					189 027 ✓				SEE F.B. 2846-20
					260 777 ✓				

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-17-69

INDEXED [illegible] DATE [illegible]

WEATHER LT. BREEZE INST. NO. 75-[illegible]

TIME 11:25 TO 11:30 ROD NO. 75C76

NOTES CHKD [illegible] DATE [illegible]

T: 94°

F.B. 2478 Pg. 211

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 201-43 TO 201-44
B.M. 201-43									B.M. 201-43 (U.S.C & G.S. M-899)
1	289	880	590 5	304 274 30	29	100	330 5	45 13 32	SIERRA HWY. & P.P. 706 712 E.
									SEE F.B. 2846-20
	29	100						30	
+	260	780						62	π = MALDONADO
B.M. 201-44									B.M. 201.44 (U.S.C.&G.S. ATLAS R.M. #1)
									SIERRA HWY & STA 21.42
									SEE FB 2846.21

T = 92°

WEATHER WINDY INST. NO. 234 25+23

TIME 2:35 TO 2:40 ROD NO. 95

NOTES CHKD [signature] DATE

F.B. 2478 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

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 SIEMANN DATE 7-17-69

INDEXED C.J. GALLI DATE

T: 94°

WEATHER LT. BREEZE INST. NO. 75-[illegible]

TIME 11:30 TO 11:45 ROD NO. 90-[illegible]96

NOTES CHKD [illegible] DATE

F.B. 2478 Pg. 213

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM 201-43 TO 201-42
B.M. 201-43													B.M. 201-43 (U.S.C.&G.S. M-899)
1	64	633	465	5	81 / 47	34	282	420	583	5	299 / 265	34	SIERRA HWY. & P.P. 706712 E
													SEE F.B. 2846-20
2	15	752	316	5	28 / 2	26	293	949	594	5	306 / 280	26	
						60						60	
3	108	488	409	5	112 / 104	8	148	552	449	5	152 / 144	8	π = MALDONADO
						68						68	
4	145	516	446	5	148 / 142	6	139	492	440	5	142 / 136	6	
						74						74	
B.M. 201-42												74	B.M. 201-42 (U.S.C.&G.S. N-899)
	334	389					864	413				148	SIERRA HWY. & P.P. 706713 E.
							334	389					SEE F.B.
							530	024					

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-42 TO 201-43
B.M. 201-42									B.M. 201-42 (U.S.C.&G.S. N-899)
1	294	571	595 5	1294 / 2277 34	13	323	314 5	1130 / 213 34	SIERRA HWY. & P.P. #206213 E.
									SEE F.B 2846-20
2	246	448	547 5	258 / 234 24 / 58	62	422	363 5	73 / 51 22 / 56	
3	195	859	496 5	201 / 189 12 / 70	139	303	440 5	145 / 133 12 / 68	π = MALDONADO
4	173	933	474 5	178 / 168 10 / 80	165	716	466 5	170 / 160 10 / 78	
B.M. 201-43								80	B.M. 201-43 (U.S.C.&G.S. M-899)
	910	811			380	764		158	SIERRA HWY. & P.P. #706 712 E.
	380	764							SEE F.B. 2846-20
	+530	047							

T = 92°

WEATHER WINDY INST. NO. 234 / 25723

TIME 2:15 TO 2:30 ROD NO. 95896

NOTES CHKD [signature] DATE

JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-67

INDEXED D. I. GALLI DATE

F.B. 2478 PG. 214

76P526 CE # 308 3-65

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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 201-42 TO 201-41
B.M. 201-42									B.M. 201-42 (U.S.C.&G.S. N-899)
1	83	917	384 5	98 68 30	276	671	577 5	292 260 32	SIERRA HWY. & P.P. 706713 E
									SEE F.B. 2846-20
2	30	577	331 5	37 23 14	110	827	411 5	115 105 10	π = MALDONADO
				44				42	
B.M. 201-41								44	B.M. 201-41 (U.S.C.&G.S. P-899)
	114	494			387	498		86	SIERRA HWY. & P.P. 135217 E
					114	494			SEE F.B. 2846-20
					273	004			

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 96°

SURVEY BY G.E. DREIER WEATHER LT. BREEZE INST. NO. 25-123

NOTES BY SIEMANN DATE 7-17-69 TIME 11:47 TO 12:00 ROD NO. 95896

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

F.B. 2478 PG. 215

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 BM 201-41 TO 201-42
B.M. 201-41									B.M. 201-41 (U.S.C.&G.S. P-899 SIERRA HWY. & P.P.# 135217 E. SEE F.B. 2846-20
1	299	737	600 5	1299 / 279 40	26	732	327 5	1146 / 26 40	
	26	732						40	
	+273	007						80	T = MALDONADO
B.M. 201-42									B.M. 201-42 (U.S.C.&G.S. N-899) SIERRA HWY. & P.P.# 706713 E SEE F.B. 2846-20

T = 92°

WEATHER WINDY INST. NO. 234 ~~75+23~~

TIME 2:10 TO 2:15 ROD NO. 75

NOTES CHKD. [signature] DATE

F.B. 2478 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

INDEXED G. 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 Maldonado DATE 7-17-69

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 25[illegible]

TIME 1:20 to 1:30 ROD NO. 95896

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 Pg. 217

T-94°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM BM201-41 TO BM201-40
BM201-41													BM 201-41 (U.S.C.&G.S. P-899 1955)
1	277	970	578	5	286 / 268	18	29	053	330	5	37 / 21	16	Sierra Hwy. & 37.5 Ft. N.E. of P.P.# 135217E.
2	280	047	581	5	285 / 275	10	123	428	424	5	129 / 117	12	See F.B. 2846-20 3728-87
3	218 / 4	470	519	5	220 / 216	28 / 4	135	100	436	5	137 / 133	28 / 4	
4	95	967	396	5	97 / 93	32 / 4	92	469	393	5	94 / 90	32 / 4	
						36						36	
												36	T - Siemann
	872	454					380	050				72	
	380	050											
	492	404											
BM201-40													BM 201-40 (U.S.C.&G.S LOFT A 1938) Sierra Hwy. & T.P.# 116129 (46.5 Ft. S'ly.) see F.B. 2846-20 3728-85

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 BM201-40 TO BM201-41
BM201-40									BM201-40 (U.S.C.&G.S. LOFT A 1938)
1	45	240	346.5	53 37 16	259	731	560.5	267 251 16	SIERRA Hwy
2	17	191	318.5	27 7 20	295	118	596.5	(½) 305 295 20	SEE F.B. 3728-85
				36				36	
								36	
	62	431			554	849		72	
					62	431			
					492	418			
BM201-41									BM201-41 (U.S.C.&G.S. P-899, 1955) SIERRA Hwy., So. of PEARL BLOSSOM Hwy SEE F.B. 2846-20

F.B. 2478 Pg. 218 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-18-69

INDEXED C. J. GALLI DATE

WEATHER Sunny & Windy INST. NO. 234 TIME 1:50 to 2:00 ROD NO. 95896

NOTES CHKD [illegible] DATE [illegible]

T-94°

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 Maldonado DATE 7-17-69 WEATHER Sunny & Breezy TIME 1:30 to

INDEXED D. LOUIS DATE [illegible] NOTES CHKD [illegible]

T-94°

F.B. 2478 Pg. 219

INST. NO. 25 [illegible] ROD NO. 95 & 96

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-40 TO BM 201-39
BM201-40									BM 201-40 (U.S.C.&G.S. LOFT A 1938) Sierra Hwy. & T.P. #116129
1	29	910	330.5	32 26 6	301	502	602.5	301 297½ 8	See F.B. 2846-20 3728-85
2	38	330	339.5	42 34 8	285	424	586.5	291 279 12 ~~24~~	
3	17	192	318.5	26 8 14 18	197	532	498.5	204 190 20 14	
4	50	076	351.5	68 32 32 36	148	942	449.5	164 132 34 32	
				68				66	T-Siemann
								68	
	135	508			933	400		134	
					135	508			
					797	892			
BM201-39									BM 201-39 (U.S.C.&G.S. Q-829 1955) Sierra Hwy. & 77.1 Ft. S.E. of Culvert #21.17 See F.B 2846-20 3728-83

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 BM201-39 TO BM201-40
BM201-39									BM201-39 (U.S.C.&G.S. Q-899 1955) Sierra Hwy. & 77.1 Ft. S.E. of Culvert #21.17
1	117	840	418 5	139 95 44	16	417	317 5	35 16½ 38	see F.B. 2846-20 3728-83
2	202	680	503 5	209 195 14	26	760	327 5	34 18 16	
3	294	288	595 5	297 291 58 6	21	410	322 5	26 16 54 10	
4	294	027	595 5	299 289 64 10	46	350	347 5	51 41 64 10	
				74				74	
								74	
	908	835			110	937		148	A-Siemann
	110	937							
	+797	898							
BM201-40									BM201-40 (U.S.C.&G.S. LOFT A 1938) SIERRA Hwy SO. OF PEARBLOSSOM Hwy SEE F.B. 3728-85

F.B. 2478 PG. 220 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-18-69

INDEXED R.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 75 125

TIME 1:35 to 1:50 ROD NO. 95196

NOTES CHKD [illegible] DATE

T-94°

76P526 CE # 308 3-65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
103 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 Waldemar DATE 7-17-68 WEATHER Sunny & Broad TIME 1:45 to 2:00 INST. NO. 7-94° ROD NO. 95896

F.B. 2478 Pg. 221

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-39 TO BM201-38
BM									BM201-39 (U.S.C.&G.S. Q-899 1955)
				55				220	Sierra Hwy. & 77.1 SE. of
1	50 753	351 5		45 10	214 025	515 5		208 12	Culvert # 21.17
				45				294	see F.B. 2846-20
2	28 612	329 5		11 34	294 609	595 5		278 32	3728-83
				104 44				202 44	
3	99 624	400 5		94 10	196 060	497 5		190 12	
				126 54				76 56	
4	123 865	424 5		120 6	74 670	375 5		72 4	
				66				60	
								60	T-Siemann
	302 854				779 364			120	
					302 854				
					476 510				
									BM201-38 (U.S.C.&G.S. R-899 1955)
									Sierra Hwy. & 12± Ft. of IL# 20
BM201-38									& 130 Ft. SE of P.P. # 706716 E
									See F.B. 2846-19

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. 2478 Pg. 222 JOB NO. 0301.02

SURVEY OF T-940

SURVEY BY Dreier NOTES Maldonado 7-18-69

INDEXED C.L. GALT DATE

WEATHER Sunny/Breezy TIME 1:20 to

NOTES CHKD

NST. NO. 234 ROD NO. 93-296 DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM201-38 To BM201-39
BM201-38									BM201-38 (U.S.C.&G.S. R-899 1955)
1	199	360	500	5 / 221 / 177 / 44	10	843	311	5 / 31 / 10 / 2 / 42	Sierra Hwy. & P.P. #706716E. See F.B. 2846-19
2	240	980	541	5 / 252 / 228 / 24	11	599	312	5 / 24 / 11 / 2 / 26	
3	136	002	437	5 / 140 / 132 / 8 / 68	106	115	407	5 / 110 / 102 / 8 / 68	
4	153	263	454	5 / 155 / 151 / 4 / 76	124	706	425	5 / 126 / 122 / 4 / 76	
				80 ✓				80 ✓	
								80	T-Siemann
	729	705 ✓			253	263 ✓		160 ✓	
	253	263 ✓							
	476	442 ✓							
BM201-39									BM201-39 (U.S.C.&G.S. Q-899 1955) Sierra Hwy. & 77.1 Ft. S.E. of Culvert #21.17. See F.B. 2846-20 3728-83

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM 201-38 TO 201-37C
B.M. 201-38									B.M. 201-38 (U.S.C.&G.S. R899 1935)
1	301	872	602 5	301 / 275 52	149	942	450 5	175 / 123 52	SIERRA Hwy 0.2 MI. S. OF PEARBLOSSOM
								52	Hwy
	149	942							SEE F.B. 2846-19
	+151	930						104	
									↑ SIEMANN
B.M. 201-37C									B.M. 201-37C (U.S.C.&G.S. P1147 1961)
									SIERRA Hwy, W. SIDE 0.2 MI. S. OF
									PEARBLOSSOM Hwy.
									SEE F.B. 3728-80
			RERUN 7-28-69 2:30 P.M T.=98° LT. WIND. INST.# 96716						
1	269	434	570 5	296 / 242 54	117	447	418 5	144 / 90 54	
								54	
	117	447							
	+151	987						108	

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 7-17-69

INDEXED [illegible] DATE [illegible]

WEATHER BREEZE INST. NO. 75[illegible]

TIME 2:00 TO 2:10 ROD NO. 95

NOTES CHKD [illegible] DATE [illegible]

T=94°

F.B. 2478 PG. 223

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	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 201-37C TO 201-38
B.M. 201-37C									B.M. 201-37C (U.S.C.&G.S. P1147 1961)
1	143	765	444 5	171 115 56	295	510	596 5	1 295 2 268 54	SIERRA Hwy W. SIDE, 0.2 mi SOUTH OF PEARBLOSSOM HWY.
					143	765		56	
					-151	745		110	T = SIEMANN
B.M. 201-38									B.M. 201-38 (U.S.C.&G.S. R 899 1955)
X									SIERRA Hwy E. SIDE, 0.2 mi. SOUTH OF PEARBLOSSOM Hwy
	RERUN 7-28-69 2:30 P.M. T=98° LT WIND. INST. # 96716								
1	121	790	422 5	146 96 50	273	688	574 5	299 247 52	
					121	790		50	
					-151	898		102	

T=94°

WEATHER LT. WIND INST. NO. 75123 3/54

TIME 1:10 TO 1:20 ROD NO. 95

NOTES CHKD [illegible] DATE

F.B. 2478 PG. 224

JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRE-ISE

SURVEY BY DREIER NOTES DREIER

INDEXED D.L. 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.

STATION	~~BACKSIGHT~~ F.S.				~~FORESIGHT~~ B.S.				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM201-37G TO BM201-37B
BM201-37G									BM201-37G (U.S.C.&G.S. ~~Q1147~~ P-1147 1961) Sierra Hwy & P.P.#
1	300	668	601 5	300 ½ 293 ½ 14	9	764	310 5	16 ½ 9 ½ 14	See F.B. 3728-80
	9	764						14	
	290	904						28	
									T-Siemann
BM201-37B									BM 201-37B (U.S.C.&G.S. Q-1147) Sierra Hwy, & Rock Boulder (Set Vertically F.B. 3728-80

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-17-69

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Breezy INST. NO. 25-23

TIME 2:15 to 2:20 ROD NO. 95-96

NOTES CHKD [illegible] DATE [illegible]

T-94°

F.B. 2478 PG. 225

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 BM201-37B TO BM201-37C
BM									BM201-37B (U.S.C.&G.S. Q-1147)
				299 1/2				14 1/2	Sierra Hwy., & Rock Boulder
1	299	854	600 .5	293 1/2 12	8	956	309 .5	8 1/2 12	(Set Vertically)
	8	956			2			12	See F.B. 3728-80
	+290	898						24	
									T-Siemann
									BM201-37C (U.S.C.&G.S. P-1147 1961) Sierra Hwy., & P.P.#
BM201-37C									See F.B. 3728-80

F.B. 2478 PG. 226 JOB NO. 0301.02

SURVEY OF Draier NOTES Maldonado 7-18-69

SURVEY BY E.J. GALLI DATE

INDEXED

WEATHER Sunny & Breezy INST. NO. 25+23 234

TIME 11:55 to 12:00 ROD NO. 95

NOTES CHKD [illegible] DATE

T-94°

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 C.E. Drier

NOTES BY Maldonado DATE 7-17-69

INDEXED C.J. DATE

WEATHER Sunny & Breezy INST. NO. 75[illegible]

TIME 2:25 to 2:30 ROD NO. 95[illegible]

NOTES CHKD. [illegible] DATE

T. 94°

F.B. 2478 Pg. 227

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM201-37B TO BM201-37A
BM201-37B									BM 201-37B (U.S.C.&G.S. Q-1147) Sierra Hwy. & Rock Boulder (Set Vertically)
1	13	747	314 5	15 11 4	292	390	593 5	294 290 4	F.B. 3728-80
2	56	710	357	58 54 4	159	355	460 5	161 157 4	
				8				8	
								8	
	70	457			451	745		16	
					70	457			
					381	288			π-Siemann
BM201-37A									BM 201-37A (U.S.C.&G.S. N-1147 1961) Sierra Hwy. & P.P. #706717E F.B. 3728-79-80

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM201-37A TO BM201-37B
BM201-37A									BM201-37A (U.S.C.&G.S Q-1147 1461)
				259				13	
1	255	138	556 5	251 8	9	391	310 5	5 8	Sierra Hwy. & P.P.# 706717E.
				152				17	See F.B. 3728-80-79
2	150	920	451 5	148 4	15	350	316 5	13 4	
				12				12	
								12	
	406	058			24	741		24	
	24	741							
	+381	317							π-Siemann
BM 201-37B									BM 201-37B (U.S.C.&G.S. Q-1147) Sierra Hwy., & Rock Boulder (set Vertically) See F.B. 3728-80

T-94°

WEATHER Sunny & Breezy INST. NO. 25-~~423~~ 234

TIME 11:45 40 ROD NO. 95/96

NOTES CHKD [illegible] DATE

JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES MALDONADO 7-18-69

INDEXED C.J. GALLI DATE

F.B. 2478 PG. 228

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 BM201-37A TO BM201-37
BM201-37A									BM201-37A (U.S.C.&G.S. ~~S-899~~ N-1147 1968)
				136				165	Sierra Hwy. & ~~Sierra~~
1	124	480	425 5	112 24	154	803	455 5	143 22	P.P.# 706717E
				87				184	F.B. 3728-79-80
2	74	373	375 5	61 26	170	970	471 5	156 28	
				50				50	
								50	
	198	853			325	773		100	
					198	853			
					126	920			K-Siemann
									~~RERUN 7-28-69 T = 98° LT. WIND 2:30 PM INST.# 96716~~
BM201-37									BM201-37 (U.S.C.&G.S. S-899 1955) Sierra Hwy., & Culvert # 20.97 See F.B. 2846-18 3728-79

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 7-17-69

WEATHER Sunny & Breezy INST. NO. 25 ~~[illegible]~~

TIME 2:35 to 2:45 ROD NO. 95 & 96

T-94°

F.B. 2478 PG. 229

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. 2478 Pg. 230 JOB NO. 0301.07

SURVEY OF T-940

SURVEY BY Dreier NOTES Maldonado 7-18-69

INDEXED C. L. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 234 25423

TIME 11:40 to 11:45 ROD NO. 95896

NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 201-37 TO BM 201-37A
BM 201-37									BM 201-37 (U.S.C.&G.S. S-899 1955) Sierra Hwy., & Culvert #20.97 See F.B. 2846-18 3728-79
				168				115	
1	154	372	455.5	140 28	101	710	402	87 28	
				240				164	
2	230	070	531.5	220 28	155	750	456.5	146 18	
				48 ✓				46 ✓	
								48 ✓	
	384	442 ✓			257	460 ✓		94 ✓	
	257	460 ✓							
	+ 126	982 ✓							
BM 201-37A									BM 201-37A (U.S.C.&G.S. Q-1147 1961) Sierra Hwy. & P.P. #706717 See F.B. 3728-80

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 Maldonado DATE 7-17-69

INDEXED [illegible] DATE [illegible]

WEATHER Sunny & Breezy

TIME 2:45 to 2:50

NOTES CHKD. [illegible] DATE [illegible]

T-94°

F.B. 2478 PG. 231

INST. NO. 75[illegible]

ROD NO. 95796

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 201-37 TO BM 201-36
BM201-37									BM 201-37 (U.S.C.&G.S. S-899 1955)
				150				294	
1	136	120	437 5	122 28	280	300	581 5	266 28	Sierra Hwy. & Culvert #2097
				75				263	See F.B. 2846-18
2	65	904	366 5	55 20	252	212	553 5	240 22	3728-79
				48				50	
								48	
	202	024			532	512		98	
					202	024			
					330	488			π-Siemann
									BM 201-36 (U.S.C.&G.S. P-811 1947 RESET 1955)
BM 201-36									Sierra Hwy. & P.P. #706716E
									F.B. 2846-18
									3728-77

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 BM 210-36 TO BM 201-37
BM 201-36									BM 201-36 (U.S.C.&G.S. P-811 1947 RESET 1955)
1	290	924	591 5	307 274 33	9	900	310 5	24 1/2 9 30	Sierra Hwy., & P.P. #706716 E. F.B. 2846-18 3728-77
2	165	984	466 5	172 158 14	116	560	417 5	123 109 14	
				47 ✓				44 ✓	
								47 ✓	
	456	908 ✓			126	460 ✓		91 ✓	
	126	460 ✓							
	+330	448 ✓							
									π-Siemann
BM 201-37									BM 201-37 (U.S.C.&G.S. S-899 1955) Sierra Hwy., & Culvert #20.97. See F.B. 2846-18 3728-79

F.B. 2478 PG. 232 JOB NO. 0301.02

SURVEY OF

SURVEY BY Dreier NOTES Maldonado 7-18-69

INDEXED G.L. GALLI DATE

T-94°

WEATHER Sunny & Breezy INST. NO. 234 25-123

TIME 11:25 to ROD NO. 95 & 96

NOTES CHKD [illegible] 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 201-36 TO 201-35
B.M. 201-36													B.M. 201-36 (U.S.C.&G.S. P-811 RESET)
1	52	200	353	5	77 27	50	294	110	595	5	294 267	54	SIERRA HWY. & P.P. # 706718 E.
													SEE F.B. 2846-18
2	44	751	345	5	59 29	30	298	182	599	5	298 284	28	
						80						82	
3	41	317	342	5	46 36	10	209	849	510	5	214 204	10	π = MALDONADO
						90						92	
B.M. 201-35												90	B.M. 201-35 (U.S.C.&G.S. T-899)
	138	268					802	141				182	SIERRA HWY. & P.P. # 1355227 E
							138	268					SEE F.B. ~~2846~~ 3728-75
							-663	873					

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-18-69

INDEXED [illegible] DATE [illegible]

T: 86°

WEATHER BREEZY INST. NO. 25123

TIME 9:50 TO 10:05 ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2478 PG. 233

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 201-35 TO 201-36
B.M. 201-35									B.M. 201-35 (U.S.C.&G.S. T. 899)
1	257	470	558 5	1/2 257 / 245 24	29	407	330 5	42 / 16 26	SIERRA HWY. & P.P. # 135 5227 E
									SEE F.D. 3728-75
2	290	798	591 5	1/2 290 / 269 42	36	965	337 5	58 / 14 44	
	261	084	562	281 / 241 66	79	061	380	77 / 57 70	
3	~~79~~	~~061~~	~~380~~ 5	~~99~~ / ~~59~~ 40	~~261~~	~~084~~	~~562~~ 5	~~81~~ / ~~41~~ 40	π = MALDONADO
				106				110	
B.M. 201-36								106	B.M. 201-36 (U.S.C.&G.S. P-811 1947)
	~~627~~	~~329~~			~~327~~	~~457~~		216	SIERRA HWY. & P.P. # 706716 E
	~~327~~	~~457~~			145	433			SEE F.B. 2846-18
	+ ~~299~~	~~872~~							
	809	352							
	145	433							
	+ 663	919							

T = 86°

WEATHER WINDY INST. NO. ~~25423~~ 234

TIME 11:15 TO 11:30 ROD NO. 95896

NOTES CHKD [signature] DATE 10 10 69

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

INDEXED G. L. GALLI DATE

F.B. 2478 PG. 234

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 201-35 TO 201-34A
B.M. 201-35													B.M. 201-35 (U.S.C.&G.S. T-899)
1	253	219	554	5	1253 / 2242	22	123	925	424	5	134 / 112	22	SIERRA HWY. & P.P.# 1355227E
													SEE F.B. 3728-75
2	65	523	366	5	87 / 43	44	255	492	556	5	276 / 234	42	
						66						64	π = MALDONADO
B.M. 201-34A												66	B.M. 201-34A (U.S.C.&G.S. LOFT 2)
	318	742					379	417				130	SIERRA HWY. & F.D.P. 6081
							318	742					SEE F.B. 3728-72, 74
							60	675					

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-18-69

INDEXED [illegible] DATE [illegible]

WEATHER BREEZY INST. NO. 25733

TIME 10:05 TO 10:15 ROD NO. 95496

NOTES CHKD. [illegible] DATE [illegible]

T = 86°

F.B. 2478 PG. 235

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 201-34 A TO 201-35
B.M. 201-34A									B.M. 201-34A (U.S.C.&G.S. LOFT 2)
1	246	279	547 5	264 228 36	68	303	369 5	86 50 36	SIERRA HWY. & F.D.P. 6081
									SEE F.B. 3728-72, 74
2	107	497	408 5	121 93 28	224	755	525 5	238 210 28	π = MALDONADO
				64 ✓				64 ✓	
B.M. 201-35								64	B.M. 201-35 (U.S.C.&G.S. T-899
	353	776 ✓			293	058 ✓		128	SIERRA HWY. & P.P. # 1355227E.
	293	058 ✓							SEE F.B. 3728-75
	+ 60	718 ✓							

T = 86°

WEATHER WINDY INST. NO. 234 75-123

TIME 11:00 TO 11:10 ROD NO. 95896

NOTES CHKD [illegible] DATE

F.B. 2478 PG. 236 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

INDEXED C. L. 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.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM 201-34A TO 201-33A
B.M. 201-34A													B.M. 201-34A (U.S.C.&G.S. LOFT 2)
1	116	999	417	5	120 / 112	8	166	082	467	5	170 / 162	8	SIERRA HWY. & F.D.P. PEARBLOSSOM HWY 6081
													SEE F.B. 3728-72 & 74
							116	999				8	T: MALDONADO
B.M. 201-33A							49	083				16	B.M. 201-33A (U.S.C.&G.S. U-899) RESET 1969
													SIERRA HWY. & F.D.P. PEARBLOSSOM HWY 6081
													SEE F.B. 3728-72

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-18-69

INDEXED [illegible] DATE [illegible]

WEATHER BREEZY INST. NO. [illegible]

TIME 10:15 TO 10:20 ROD NO. 95E96

NOTES CHKD [illegible] DATE [illegible]

T = 86°

F.B. 2478 PG. 237

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 201 33 A TO 201·34 A
B.M. 201 33A									B.M. 201-33A (U.S.C.&G.S. U-899)
1	169	142	470 5	172 / 166 6	120	123	421 5	124 / 116 8	SIERRA HWY. & F.D.P. 6081
									SEE F.B. 3728-72
	120	123						6	
	+ 49	019							π = MALDONADO
								14	
B.M. 201-34A									B.M. 201-34A (U.S.C.&G.S. LOFT 2)
									SIERRA HWY & F.D.P. 6081
									SEE F.B. 3728-72 & 74

F.B. 2478 PG. 238 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 7-18-69

INDEXED D. L. GALLI DATE

WEATHER WINDY INST. NO. 234 25423

TIME 10:55 TO 11:00 ROD NO. 95496

NOTES CHKD [illegible] DATE

T = 86°

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 WINDY

NOTES BY G.E. DREIER DATE 7-18-69 TIME 10:25 AM 11:30 INST. NO. 75-523 ROD NO. 95-96

INDEXED BY DATE NOTES CHKD BY DATE

F.B. 2478 PG. 239

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM 201-33A TO 201-32
B.M. 201-33A									B.M. 201-33A (U.S.C.&G.S. U 899 RESET 1969) SIERRA Hwy & PEARBLOSSOM Hwy.
1	78.029		379.5	105 / 51 54	282.391		583.5	308 / 256 52	SEE F.B. 3728-72
2	45.065		346.5	64 / 26 38 / 92	279.499		580.5	298 / 260 38 / 90 / 92	J. MALDONADO ~~R. SIEMANN~~
	123.094				561.890			182	
					123.094				
B.M. 201-32					438.796				B.M. 201-32 (U.S.C.&G.S. V 899 SIERRA Hwy & PEARBLOSSOM Hwy SEE F.B. 3728-69
			RERUN	7-28-69	2:45 P.M.		T. = 98°		LITE WIND INST. #96716
1	59.298		360.5	87 / 31 56	281.112		582.5	281 / 253 56	
2	46.119		347.5	61 / 31 30 / 86	262.972		563.5	277 / 247 30 / 86 / 86	
	105.417				544.084			172	
					105.417				
					438.667				

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. 2478 Pg. 240 JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES G.E. DREIER 7-18-69

INDEXED _____ DATE _____

WEATHER WINDY INST. NO. 75423

TIME 10:45 TO 11:55 ROD NO. 95 & 96

NOTES CHKD. _____ DATE _____

86°

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									From 201-32 To 201-33A
B.M. 201-32									B.M. 201-32 (U.S.C. & G.S V 899)
1	288	123	589	5 309 267 42	78	247	379	5 102 54 48	SIERRA HWY, & PEARBLOSSOM HWY
									SEE F.B. 3728-69
2	269	648	570	5 300 238 62	40	878	341	5 69 40 58	
				104				106	
								104	π MALDONADO
B.M. 201-33A	557	771			119	125		210	
	119	125							B.M. 201-33A (U.S.C. & G.S U 899
	438	646							RESET 1969)
									SIERRA HWY & PEARBLOSSOM HWY
									SEE F.B 3728-72
	RERUN 7-28-69 2:55 P.M. T= 98° LT. WIND INST# 96716								
1	232	557	533	5 245 219 26	15	700	316	5 26 4 22	
2	270	920	571	5 299 241 58	49	145	350	5 77 21 56	
				84				78	
								84	
	503	477			64	845		162	
	64	845							
	438	632							

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

503 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 201 - 32 TO 201 - 31
B.M.201-32													B.M.201-32 (U.S.C&G.S. V-899)
													SIERRA HWY & P.P. #991806E
1	41	572	342	5	22 (CO)	38	232	029	533	5	212 (252)	40	SEE F.B. 3728-69
							41	572				~~38~~ ~~41~~	π=
B.M.201-31							-190	457				~~81~~ 78	B.M.201-31 (U.S.C.&G.S. W-899
													SIERRA HWY. & PEARBLOSSOM HWY
													SEE F.B. 3728-67

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 7-18-69 WEATHER WINDY INST. NO. 75[illegible]

INDEXED [illegible] DATE [illegible] TIME 10:35 TO 10:40 ROD NO. 95[illegible]

NOTES CHKD. [illegible] DATE [illegible]

T=86

F.B. 2478 Pg 244

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 201-31 TO 201-32
B.M. 201-31									B.M. 201-31 (U.S.C.&G.S. W-899)
1	227	799	528 5	246 208 38	37	365	338 5	56 18 38	SIERRA HWY. & PEARBLOSSOM HWY.
									SEE F.B. 3728-67
	37	365						38	
B.M. 201-32	190	434						76	B.M. 201-32 (U.S.C.&G.S. V-899) & PEARBLOSSOM HWY
									SIERRA HWY. & P.P. #991806E
									SEE F.B. 3728-69

T: 86°

WEATHER WINDY INST. NO. 234 75923

TIME 10:40 TO 10:45 ROD NO. 95

NOTES CHKD [signature] DATE

F.B. 2478 PG. 242 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 8-18-69

INDEXED C.J. GALLI DATE