Note Chk'd by
Map No.
Office Work
Checked
Date

Survey of L.A. Co. Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by G.E. Dreier
Notes R. Siemann Date 12-16-68
Indexed C.J. GALLI JAN 13 '69

F.B. 3787 Pg. 5

JOB NO. 0301.02

L.A. CO. PRECISE LEVEL NET

1968 RELEVELING LINE NO. 101 & LINE 201

FROM AVE A TO PEARBLOSSOM HWY.

VIA S.P.R.R & SIERRA HWY

CONTINUED IN F.B. 3796

REFERENCES

DESCRIPTIONS IN

F.B. 2410

F.B. 3724 ~~-251~~

F.B. 3754 ~~-173~~

F.B. 3717 ~~-184~~

F.B. 3735 - 5 TO 250

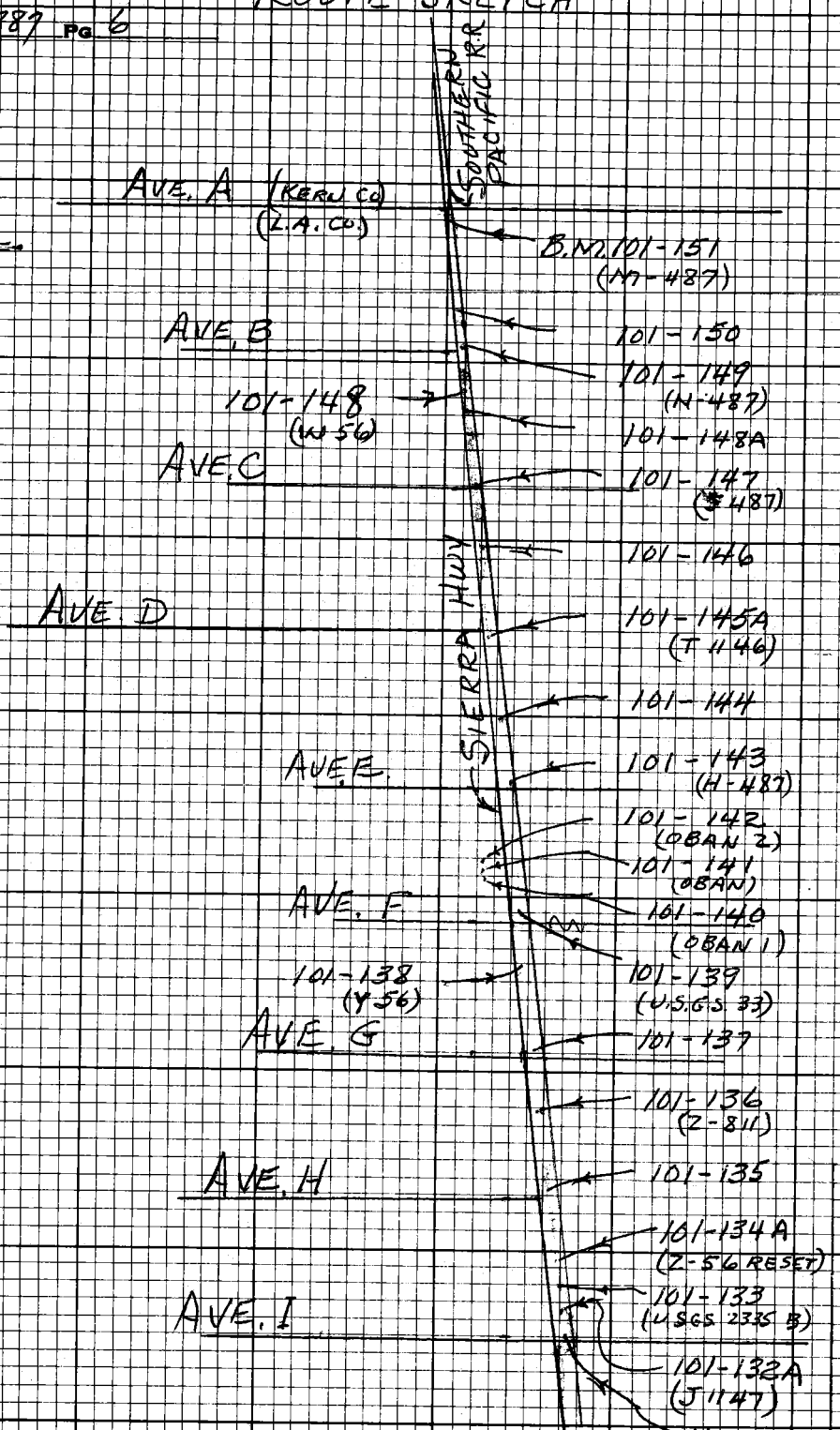
DREIER
MALDONADO
SIEMANN
MCKNIGHT
MOORE

F.B. 3787

Not microfilmed.

ROUTE SKETCH

F.B. 3789 Pg. 6



CONTINUED ON TOP PAGE 7

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Notes Ck'd by	Survey of L.A.CO. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by G.C. DREIER
Checked	Notes SIEMANN Date 12-16-68
Date	Indexed C. J. GALLI

F. B. 3787 PG. 7

CONT. ON BOT PAGE 6

AVE. I

LANCASTER BLVD.

AVE. J

AVE. K

AVE. L

AVE. M

AVE. N

AVE. P

AVE. Q

HWY

SIERRA

S.P.R.R.

B.M. 101-131A (U.S.G.S. RESET 2356)

101-129 (A-57)

101-130 (Q-487)

101-128

101-127 (S-811)

101-126

101-125 (T-811)

101-124A (2462 (USGS)

101-124 (B-57 RESET)

101-123 (U-811)

101-122 (FF-487)

101-121 (V-811)

101-120B (B.M.E. 13)

101-120A (K-1147)

101-119 (W-811)

101-118

101-117B (SAHARA #3)

101-117A (SAHARA #4)

101-117 (SAHARA)

101-116 TO 101-110

101-110 TO 101-106

101-104 (D-426)

101-103 (E-426)

101-102 (F-426)

101-101 (G-426)

101-116 (E-425)
101-115 (T-425)
101-114 (U-425)
101-113 (V-425)
101-112A (A-1000)
101-111 (W-425)
101-110 (X-425)
101-109 (Y-425)

101-108 (Z-425)
101-107 (P-487)
101-106 (B-426)
101-100 (J-426)
101-99 (K-426)
101-98 (L-426)
101-97 (M-426)

101-96 (A-811)
101-95 (B-811)
101-94 (X-811)

118-3A (PALMDALE 2)

118-3

101-100 TO 101-94

CONT. ON TOP PAGE 8

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76F309S CE#310 3-68

CONT. ON BOT. PAGE 7

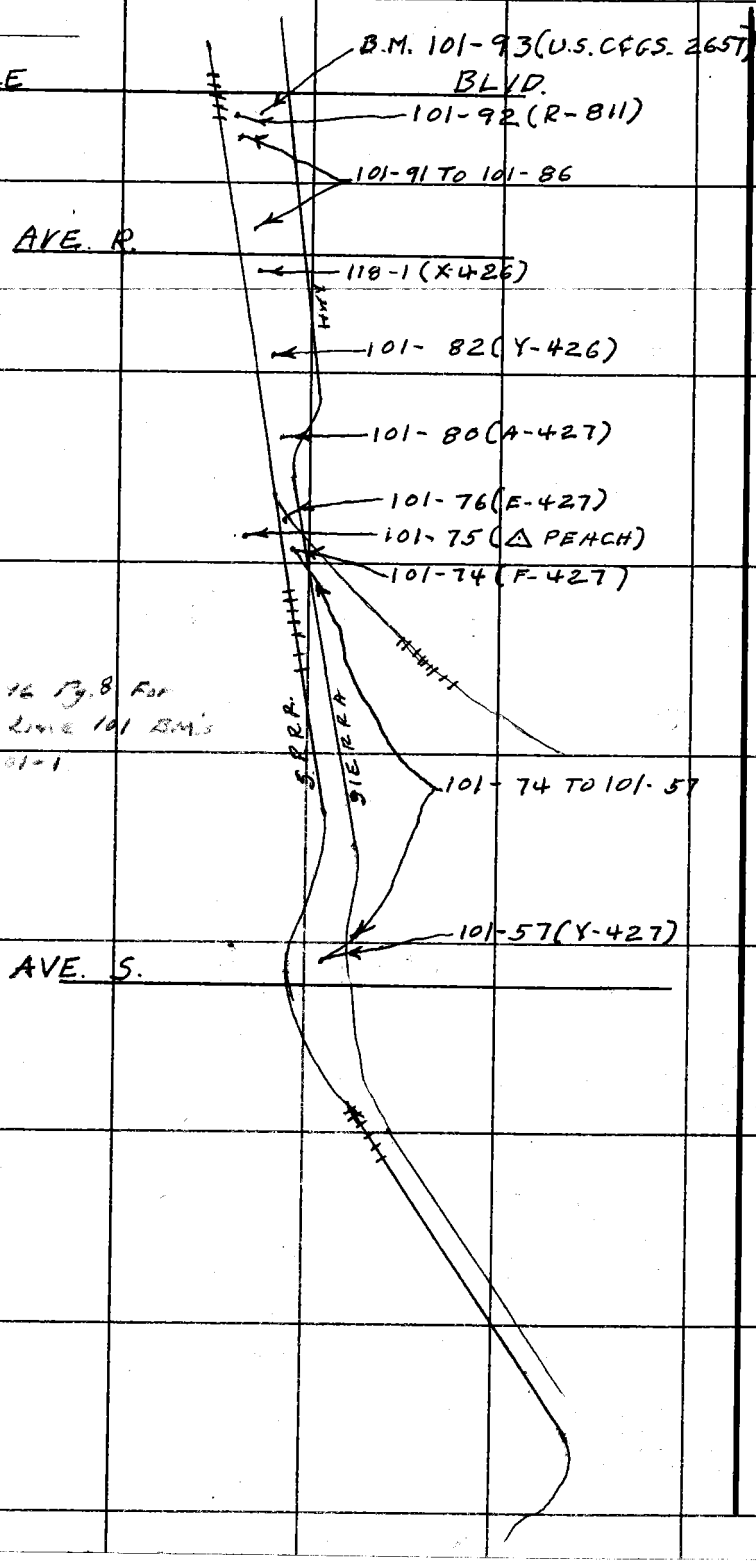
F. B 3787 PG 8

PALMDALE BLVD.

101- 91 (Q-426)
- 90 (Y-811)
- 89 (C-811)
- 89A (R-426)
- 88 (Q-487)
- 87 (R-487)
- 86 (S-487)

101- 73 (F-811)
72 (H-427)
71 (J-427)
70 (K-427)
69 (L-427)
68 (M-427)
67 (N-427)
66 (P-427)
65 (Q-427)
64A (L-1147)
64 (R-427)
63 (S-427)
62 (H-488)
61 (J-488)
60 (V-427)
59 (W-427)
58 (X-427)

Note: See FB 3716 Pg. 8 For Continuation of Line 101 BM's 101-53 to BM 101-1



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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 58°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 96716
NOTES BY SIEMANN DATE 11-6-68 TIME 10:25 TO 10:40 ROD NO. 9819
INDEXED L.J. GALLI DATE JAN 13 '69 NOTES CHKD. [illegible] DATE

F.B. 3787 Pg. 9

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	141	741	442.5	144 138 6	157	079	458.5	185 129 56	56 M - 6 M = 50 M = 02 MM
2	147	628	448.5	149 145 4	132	507	433.5	160 104 56	56 M - 4 M = 52 M = 02 MM
									04 MM
	289	369		10	289	586		112	
						040		10	
					289	546		102	
					289	369			
						177			
					-	.017			MM = "C"
					102)	177			
						102			
						750			
						714			
						360			
				AFTER ADJUSTMENT					
1	147	617	448.5	149 145 4	132	438	433.5	160 104 56	56 M - 4 M = 52 M = 02 MM
2	142	720	443.5	144 140 4	157	862	458.5	185 129 56	56 M - 4 M = 52 M = 02 MM
	290	337		8	290	300		112	CUR. CORR. = 04 MM
	290	260				040		8	
	+	0.77			290	260		104	
		+ .007							
	104)	0.77							

76P526 CE # 308 3-65

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

SURVEY BY G.E. Dreier WEATHER T-68° SUNNY INST. NO. 96716

NOTES BY MOORE DATE 11-7-68 TIME 2:20 ROD NO. 9 & 19

INDEXED C.J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 20 68

F.B. 3787 PG. 11

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-146 TO BM101-1
			DETERMINATION OF "C"						
1	150	310	451 5	152 148 4	~~148~~	~~941~~	~~448 5~~		54 MTRS(-) 4M = 50 = 0.2MM
					150	600	451 5	177 123 54	
2	148	330	449 5	150 146 4	148	052	449 5	175 121 54	54 MTRS(-) 4M = 50 = 0.2MM
				8				108	CUR. CORR = 0.40MM
								8	
								100	
	298	640			298	652			
	298	612				040			
	+ 0.38 MM				298	612			

+ .003 = MM = "C"

100 | 0.38 MM

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T. 60°
SURVEY BY G. E. DREIER WEATHER CLEAR INST. NO. 26716
NOTES BY SIEMANN DATE 11-8-68 TIME 7:05 TO 9:15 ROD NO. 9 & 12
INDEXED C. J. GALLI DATE NOTES CHKD. DATE
F.B. 3787 Pg. 13

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
					DETERMINATION OF "C"				
1	157	975	458	5 159 / 155 4	165	188	466	5 192 / 138 54	54M - 4M = 50M = 02 MM
2	146	848	447	5 148 / 144 4	139	700	440	5 166 / 112 54	54M - 4M = 50M = 02 MM
	304	823		8	304	888		108	CUR. CORR = 04 MM
						040		8	
					304	848		100	
					304	823			
					- 025 MM				
					- 0025 MM = "C"				
					100) 0.25				

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER WINDY, CLOUDY INST. NO 96716
NOTES BY SIEMANN DATE 11-12-68 TIME 10:30 TO 10:40 ROD NO 98/12
INDEXED P.J. GALLI DATE NOTES CHKD DATE
F.B. 3787 Pg. 15

STATION	NEAR BACKSIGHT			FAR FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION OF "C"					
1	148 413	449 5	150 146 4	126 934	427 5	153 99 54	54 M - 4M = 50M = 0.20 MM
2	154 062	455 5	156 152 4	175 499	476 5	202 148 54	54 M - 4M = 50M = 0.20 MM
	302 475		8	302 433		108	CUR. CORR. 0.40 MM
	302 393			040		8	
	+ 0.82 MM			302 393		100	
	+ .008 MM = "C"						
	100 0.82						

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Maldonado & Dreyer WEATHER Sunny & Clear INST. NO. 96716
NOTES BY Maldonado DATE 11-13-68 TIME 9:05 ROD NO. 2819
INDEXED R. J. GALLI DATE NOTES CHKD. DATE JAN 20 69
F.B. 3787 Pg. 17

STATION	Near BACKSIGHT Rod RIGHT MIC.	LEFT.	STADIA	Far FORESIGHT Rod RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			Determination of "C"				
			148 ✓			185 ✓	
1	146 082	447 5	144 4	158 259	459 5	131 54 ✓	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.2 MM ✓
			154 ✓			167 ✓	
2	152 353	453 5	150 4	140 275	441 5	113 54 ✓	54 " (-) 4 " = 50 " = 0.2 MM ✓
			8 ✓			108	
						8 ✓	Curv. Corr. = 0.4 MM ✓
	298 435 ✓			298 534 ✓		100 ✓	
				040 ✓			
				298 494 ✓			
				298 435 ✓			
				0.59 MM ✓			
				.005 MM ✓			= "C"
				100) 0.590			

54°

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 46°
SURVEY BY G.E. DREIER WEATHER CLEAR-CALM
NOTES BY G.E. DREIER DATE 11-14-68 TIME 2:15 INST. NO. 26716
INDEXED G.J. GALLI DATE ROD NO. 2819
NOTES CHKD DATE
F.B. 3787 Pg. 19

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM ____ TO ____
	DETERMINATION OF "C"								
1	157 280	458 5	159 155	4"	137 470	438 5	164 110	54"	54M − 4M = 50M = 0.2 MM.
2	146 459	447 5	148 144	4" 1/8	166 307	467 5	193 139	54" 10	54M − 4M = 50M = 0.2 MM.
								8	CURR. COR = 0.4 MM
	303 739 303 737 + 0.02 MM				303 777 040 303 737			100"	
	100) +1.000 = "C" 0,02				303 739				

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLOUDY, WINDY INST. NO. 26716
NOTES BY S. LEMANN DATE 11-15-68 TIME 2:30 TO 4:35 ROD NO. 9819
INDEXED G. J. GALLI DATE NOTES CHKD DATE JAN 20 69
F.B. 3787 Pg. 21

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION OF "C"					
1	148 118	449 5	150 146 4	143 470	444 5	170 116 54	54 m - 4 m = 50 m = 0.20 mm
2	157 148	458 5	159 155 4 8	161 811	462 5	188 134 54 108 8	54 m - 4 m = 50 m = 0.20 mm / 0.40 mm
	305 266			305 281 040		100	CURVE CORR =
	305241			305241			
	+ 0.25 mm						
	100 / 0.25 + .002 mm = "C"						

76P526 CE # 308 3-65

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STATION	Near BACKSIGHT Rod			Far FORESIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
	Determination of "C"						
1	133333	4345	135 131 4	173931	4745	200 146 54	54 Mtrs (-) 4 Mtrs = 50 Mtrs = 0.2 MM
2	164062	4655	166 162 4	123518	4245	150 96 54	54 " (-) 4 " = 50 " = 0.2 MM
			8			108	
						8	Curv. Corr. = 0.4 MM
	297395			297449		100	
				040			
				297409			
				297395			
				0.14 MM			

.001 MM = "C"

100) 0140

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

SURVEY BY G. F. Dreier

NOTES BY Maldonado DATE 11-18-68

INDEXED E. J. GALLI DATE

WEATHER Sunny & Cleak 58°

TIME 9:05

NOTES CHKD [illegible] DATE JAN 20 68

F.B. 3787 PG. 23

INST. NO. 96716

ROD NO. 9819

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 74"
SURVEY BY G.E. DREIER WEATHER CLEAR LT. WIND
NOTES BY G.E. DREIER DATE 11-19-68 TIME 11:00 INST. NO. 26716
INDEXED R.J. GALLI DATE NOTES CHKD DATE ROD NO. 8019
F.B. 3787 Pg. 25

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT. MIC.	LEFT.	STADIA	RIGHT. MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"				
1	137 287	4385	139 / 135 4"	81 062	382 5	107 / 55 52	52 m - 4 m = 48 m = 0.20 mm
2	151 517	4525	153 / 149 4" 8"	207 841	508 5	233 / 181 54 / 106	54 m - 4 m = 50 m = 0.20 mm
						8	CURVE CORR. = 0.40 mm
	288 804			288 903		98	
				040			
				288 863			
				288 804			
				~~0.06 mm~~			
				- 0.59			
				0.806 mm			= "C"
				98 0.636			
				~~588~~			
				~~42~~			
				-.006			
				98) 0.59			

76P526 CE # 308 3-65

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-20-68

INDEXED C.L. GALLI DATE

WEATHER Sunny & Clear 74°

TIME 10:00 TO 10:10 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 20 68

F.B. 3787 PG. 27

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				Determination of "C"					
1	151	154	452 5	153 149 4	100	560	401 5	127 73 54	54 Mtrs. (-) 4 Mtrs. = 50 Mtrs. = 0.2 MM
2	159	690	460.5	161 157 4	210	352	511 5	237 183 54	54 MTRS - 4 MTRS. = 50 MTRS. = 0.2 MM
	310	844		8	310	912		108 8 100	COR. CORR. = 0.4 MM
						040			
					310	872			
					310	844			
						- 028 MM			
						- .003 MM = "C"			
					100)	0.28			

76P526 CE # 308 3-65

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

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

NOTES BY Maldonado DATE 11-21-68 TIME 9:05 ROD NO. 9819

INDEXED C. L. GALLI DATE NOTES CHKD. [illegible] DATE JAN 20 68

F.B. 3787 PG 28

68°

STATION	BACKSIGHT Near Rod RIGHT	MIC.	LEFT.	STADIA	FORESIGHT Far Rod RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				Determination of "C"					
1	140	168	441 5	142 138 4	201	300	502 5	228 174 54	54 Mtrs (-) 4 Mtrs = 50 Mtrs = 0.2 MM
2	158	746	459 5	160 156 4	97	547	398 5	124 70 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	
								8	Curv. Corr. = 0.4 MM
	298	914			298	847		100	
	298	807				040			
	+	1.07 MM			298	807			

+ 0.01 MM = "C"

100) 1.07

76P526 CE # 308 3-65

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STATION	BACKSIGHT (NEAR) RIGHT	MIC.	LEFT.	STADIA	FORESIGHT (FAR) RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	148	990	449 5	150/146 4	155	219	456 5	182/128 54	54 MTRS - 4 MTRS = 50 MTRS = 0.2 MM
2	157	667	455 5	159/155 4	151	438	452 5	178/124 54	54 " - 4 " = 50 " = 0.2 MM
									CURR. COR. = - 0.4 MM
	306	657		8	306	657		108	
	306	617				-090		8	
	+ 0.90 MM				306	617		100	
	+ .004 MM = "C"								
	100	0.40							

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

SURVEY BY G. E. DREIER

NOTES BY R. A. MOORE DATE 11-22-68

INDEXED C. L. GALLI DATE

WEATHER 74° SUNNY INST. NO. 96716

TIME 10:00 TO 10:05 ROD NO. 9619

NOTES CHKD [illegible] DATE JAN 20 69

F.B. 3787 PG. 30

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 1154°

SURVEY BY G. E. DREIER

NOTES BY R. MOORE DATE 11-25-68

INDEXED C. L. GALLI DATE

WEATHER SUNNY & WINDY INST. NO. 816716

TIME 10:35 TO 10:40 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 20 69

F.B. 3787 PG. 32

STATION	NEAR BACKSIGHT RIGHT MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"				
1	143753	444 5	145 / 141 4	9 / 148043	450 5	176 / 122 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	142388	443 5	144 / 140 4	137300	438 5	164 / 110 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
	286141		8	286343		108	
				-040		8	CURR. COR. = 0.4 MM
				286303		100	
				286141			
				-1.62 MM			
				100) 1.62 .016 MM = "C"			

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 54D

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 12716

NOTES BY SIEMANN DATE 11-26-68 TIME 9:05 TO 9:10 ROD NO. 9012

INDEXED G.J. GALLI DATE NOTES CHKD DATE

F.B. 3787 Pg. 34

STATION	NEAR BACKSIGHT RIGHT MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"				
1	136 554	437 5	138 134 4	211 916	512 5	238 184 54	54M. - 4M. = 50M. = 0.2 MM
2	155 138	456 5	157 153 4	79 796	380 5	106 52 54	54M. - 4M = 50M. = 0.2 MM.
	291 692		8	291 712		108	CUR. CORR. = 0.4 MM
	291 672			040		8	
	+ 0.20 MM			291 672		100	
	+ .002 M.M = "C"						
	100 0.20						

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.

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination of "C"					
1	153	188	454 5	155 151 4	183	562	484 5	210 156 54	54 Mtrs (-) 4 Mtrs = 50 Mtrs = 0.2 MM
2	153	853	454 5	155 151 4	123	517	424 5	150 96 54	54 " 4 " = 50 " = 0.2 MM
	307	041		8	307	079		108	Curv. Corr. = 0.4 MM
	307	039				040		8	
	+ 0.02 MM				307	039		100	π MOORE
	100) 0.02	+ .0002 MM = "C"							

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

SURVEY BY G.E. Dreier

NOTES BY SIEMANN DATE 11-28-68

INDEXED C. J. GALLI DATE

WEATHER 76° Sunny & Clear INST. NO. 9671

TIME 10:25 TO 10:30 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 20 69

F.B. 3887 PG. 36

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 T246°

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

NOTES BY S.I.E. MANN DATE 4-23-68 TIME 9:30 To 9:38 ROD NO. 9819

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

F.B. 3788 PG 38

STATION	NEAR BACKSIGHT RIGHT MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	Determination of "C"						
1	160 570	461 5	162 158 4	111 083	412 5	138 84 54	54 Mtrs (-) 4 Mtrs. = 50 Mtrs = 0.20 MM
2	159 060	460 5	161 157 4	208 538	509 5	235 181 54	54 " (-) 4 " = 50 " = 0.20 MM
			8			108	Curv. Corr. = 0.40 MM
	319 630			319 621		8	
	319 581			- 040		100	
	+ 0.59 MM			319 581			
	+ .005 MM = "C"						
	100) 0.59						

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=44

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

NOTES BY SIEMANN DATE 12-3-68 TIME 9:20 TO 9:25 ROD NO. 9E19

INDEXED E.L. GALLI DATE NOTES CHKD [illegible] DATE JAN 20 69

F.B. 378 Pg. 39

STATION	NEAR BACKSIGHT				FAR FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
1	153	382	454 5	155 151 4	219	870	520 5	246 192 54	54 MT - 4 MTRS = 50 MTR = 0.2 M.M.
2	164	334	465 5	166 162 4	97	856	398 5	124 70 54	54 MTRS. 4 MTRS. = 50 MTR = 0.2 MM
									CUR. CORR. = 0.4 MM
	317	716		8	317	726		108	
	317	686				040		8	
	+	030 MM			317	686		100	

+ .003 MM = "C"

100)0.300

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

603 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G. DREIER

NOTES BY R. MOORE DATE 12-4-68

INDEXED E.T. GALLI DATE

WEATHER SUNNY T-46°

TIME 9:15

NOTES CHKD [signature] DATE JAN 20 68

INST. NO. 96716

ROD NO. 9-19

F.B. 37887 PG. 41

STATION	NEAR BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	132	414	433 5	134 / 130 4	200	633	501 5	227 / 173 54	54 M. - 4 M = 50 = 0.2 MM
2	150	041	451 5	152 / 148 4 / 8	81	829	382 5	108 / 54 54	54 M. - 4 M = 50 = 0.2 MM
								108 / 8 / 100	COR. CORR = -0.4 MM
	282	455			282	462			
					-	040			
	282	422			282	422			
	+ 0.33 mm								
	+ .003 mm = "C"								
	100) 0.33								

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	152	980	453.5	154 / 150 4	278	511	579.5	278 / 251 54	54 MTRS. - 4 MTRS. = 50 MTR. = 0.2 MM
2	151	677	452.5	153 / 149 4	26	179	327.5	53 / 26 54	54 MTRS. - 4 MTRS. = 50 MTRS 0.2 MM
	304	657		8	304	690		108	CUR. CORR. = 0.4 MM
	304	650			-	040		- 8	
	~~304~~	+0.07 MM			304	650		100	

+ .007 MM = "C"

100) 0.07

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-54°

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

NOTES BY SIEMANN DATE 12-5-68 TIME 9:00 TO 9:10 ROD NO. 9E12

INDEXED D. J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 20 '68

F.B. 378 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 RIGHT	MIC.	LEFT.	STADIA	FAR FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
1	202	911	503 5	204 200 4	226	297	527 5	253 199 54	54 MTR. - 4 MTRS. = 50 MTRS. = 0.2 MM.
2	133	424	434 5	135 131 4	110	220	411 5	137 83 54	54 MTRS. - 4 MTRS = 50 MTRS. = 0.2 M.M.
	336	335		8	336	517		108	CUR. CORR. = 0.4 M.M.
	~~336~~					040		8	
					336	477		100	
					336	335			
						- 1.42 mm			
						- .014 mm = "C"			
						100)1.42			

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-9-68

INDEXED D.L. GALLI DATE

WEATHER SUNNY T = 50°

TIME 10:10 TO 10:20

NOTES CHKD [signature] DATE JAN 20 69

INST. NO. 96716

ROD NO. 9619

F.B. 3788 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 WEATHER OVERCAST INST. NO. 26716
NOTES BY S. MOORE DATE 12-10-68 TIME 10:50 ROD NO. 9619
INDEXED C.J. GALLI DATE NOTES CHKD. DATE
F.B. 378 Pg. 47

STATION	NEAR BACKSIGHT ROD			FAR FORESIGHT ROD			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
1	177 719 ✓	478 5	179 / 175 4	187 340 ✓	488 5	214 / 160 54 ✓	54 MTRS. (-) 4 MTRS = 50 ✓ = 0.2 ✓ MM
2	155 150 ✓	456 5	157 / 153 4 / 8 ✓	145 598 ✓	446 5	172 / 118 54 ✓	54 MTRS. (-) 4 MTRS = 50 ✓ = 0.2 ✓ MM
						108 ✓	
						- 8 ✓	CUR. CORR. = - 0.4 ✓ MM
	332869 ✓			332 938 ✓		100 ✓	
				040 ✓			
				332 898 ✓			
				332 869 ✓			
				- 0.29 ✓ MM			
						✓ MM	
				100 | 0.290		= .003 = "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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	155	440	456 5	157 / 153 4	129	340	430 5	150 / 102 54	54 MTRS (-) 4 MTRS = 50 = 0.2 MM
2	162	421	465 5	164 / 160 4	158	503	487 5	215 / 161 54	54 MTRS (-) 4 MTRS = 50 = 0.2 MM
				8				108	
								8	CORR. COR. = -0.4 MM
	317861				317848			100	
	317808				040				
	+ 0.53 MM				317808				
	+ .005 MM = "C"								
	100 | 0.530								

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

SURVEY BY G. E. DREIER

NOTES BY R. A. MOORE DATE 12-11-68

INDEXED C. J. GALLI DATE

WEATHER 1:50° WINDY-SUNNY INST. NO. 96716

TIME 9:15 ROD NO. 5-19

NOTES CHKD. [illegible] DATE JAN 20 69

F.B. 37887 PG. 49

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=60°
SURVEY BY G.E. DREIER WEATHER CLOUDY INST. NO. 26716
NOTES BY SIEWMANN DATE 11-6-68 TIME 10:45 TO 11:05 ROD NO. 2012
INDEXED E.J. GALLI DATE NOTES CHKD DATE JAN 24 69

F.B. 3787 Page 81

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM.101-151 TO BM.101-150
BM.101-151									B.M.101-151 (U.S.C&S M 487 1955) R.R. & AVE A.
1	84	144	385 5	92 76 12	106	359 359	407 5	114 98 16	SEE F.B. 2410-44
2	117	208	418 5	144 90 54	131	281	432 5	158 104 54	
3	126	120	427 5	164 88 76	194	739	495 5	230 158 72	70 TP: MALDONADO
4	152	168	453 5	194 110 84	188	658	489 5	230 146 84	142 226
5	150	121	451 5	187 113 74	283	32	329 5	164 128 72	298 ✓
				3.00 ✓					300 ✓
B.M.101-150	629	761 ✓			649	369 ✓			598 B.M.101-150 (L.A.C.RD BL-1451) SIERRA HWY & HWY. STA. G407+90. SEE FB. 2410-44
					629	761 ✓			
					19	608 ✓			

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. 101-150 TO B.M. 101-151
B.M. 101-150									B.M. 101-150 (LACR.D. BL-1451)
1	18	526	319 5	57 ½ 18 78	137	782	438 5	176 98 78	SIERRA HWY. & HWY. STA. G-407+90.
									SEE F.B. 2410-44
2	206	181	507 5	246 166 80	148	787	449 5	188 108 80	
				158				158	
3	176	367	477 5	213 139 74	127	463	428 5	166 88 78	
				232				236	
4	136	217	437 5	164 108 56	125	510	426 5	153 97 56	π = MALDONADO
				288				292	
5	102	430	403 5	110 94 16	80	230	381	88 72 16	
				304 ✓				308 ✓	
								304 ✓	
B.M. 101-151	639	721 ✓			619	772 ✓		612	B.M. 101-151 (U.S.C.&G.S. M-487 1955)
	619	772 ✓							S.P.R.R. & AVE. A.
	419	949 ✓							SEE F.B. 2410-44

F.B. 3787 Pg. 52

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-14-68

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER CLOUDY 60°

TIME 1:35 TO 2:00

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9019

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 RE RUN				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-151 TO B.M. 101-150
B.M. 101-151									B.M. 101-151
1	86	730	387.5	94 / 78 16	108	953	409.5	116 / 100 16	
2	139	238	440.5	176 / 102 74 / 90	170	041	471.5	207 / 133 74 / 90	
3	125	450	426.5	165 / 85 80 / 170	167	213	468.5	206 / 128 78 / 168	π = MALDONADO
4	105	714	406.5	148 / 62 86 / 256	148	140	449.5	192 / 104 88 / 256	
5	145	099	446.5	169 / 121 48 / 304	27	649	328.5	51 / 3 48 / 304 / 304	
B.M. 101-150	602	231			621	996		608	B.M. 101-150
					602	231			
					-19	765			

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

SURVEY BY G.E. DREIER WEATHER CLOUDY 58° INST. NO. 96716

NOTES BY SIEMANN DATE 11-14-68 TIME 2:10 TO 2:30 ROD NO. 9819

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

F.B. 3787 Pg 33

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. 101-150 TO B.M. 101-151
B.M. 101-150									B.M. 101-150
1	30	065	331 5	½ 66 30 72	144	785	445 5	180 108 72	
2	161	811	462 5	188 134 54 126	110	899	411 5	137 83 54 126	
3	174	157	475 5	215 133 82 208	154	848	455 5	194 114 80 206	
4	188	247	489 5	226 150 76 284	146	053	447 5	184 108 76 282	
5	124	133	425 5	132 116 16 300	101	923	402 5	110 92 18 300	
								300	
								600	
B.M. 101-151	678	413			658	508			B.M. 101-151
	658	508							
	+19	905							

50°

WEATHER WINDY CLOUDY INST. NO. 96716

TIME 9:35 TO 10:00 ROD NO. 9619

NOTES CHKD [illegible] DATE JAN 20 69

F.B. 3787 PG. 54

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-15-68

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 B.M.101-150 TO B.M.101-149
BM.101-150									B.M.101-150 (LACRD BL-1451)
1	53	771	354.5	91 15 76	16 6	862	467.5	203 129 74	SIERRA HWY. & HWY. STA. G-407+90
									SEE FB 2410-44
2	165	500	466.5	202 128 74	172	210	473.5	210 134 76	
				150				150	
3	135	207	436.5	174 96 78	145	733	446.5	184 106 78	
				228				228	
4	133	193	434.5	174 92 82	168	213	469.5	209 127 82	
				310				310	π = MALDONADO
5	141	658	442.5	180 102 78	129	361	430.5	167 91 76	
				388				386	
6	167	744	468.5	207 127 80	164	033	465.5	204 124 80	
				468				466	
7	138	665	439.5	150 126 24	34	281	335.5	47 21 26	
				492				492	
								492	
B.M.101-149	935	738			980	693		984	B.M.101-149 (U.S.C.&G.S N-487 1955)
					935	738			SO. PAC. CO. R.R. & CULVERT #397.96
					44	955			SEE F.B. 2410-44

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-6-68

INDEXED C.J. GALLI DATE

64°

WEATHER CLOUDY INST. NO. 96716

TIME 11:10 TO 11:45 ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 3787 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-149 TO B.M. 101-150
B.M. 101-149									B.M. 101-149 (U.S.C.&G.S. N-487 1955)
1	35	281	336 5	175 / 235 80	148	650	449 5	183 / 113 70	S.P.R.R. 4.0 MI. S. OF ROSAMOND
									BLVD. CROSSING
2	139	991	440 5	176 / 102 74	129	459	430 5	172 / 186 86	SEE F.B. 2410-44
				154				156	
3	151	200	452 5	190 / 112 78	153	959	454 5	191 / 115 76	
				232				232	
4	158	648	459 5	192 / 124 68	137	059	438 5	170 / 104 66	
				300				298	
5	156	980	457 5	197 / 115 82	130	771	431 5	168 / 92 76	T = MALDONADO
				382				374	
6	142	776	443 5	179 / 105 74	145	370	446 5	186 / 104 82	
				456				456	
7	127	577	428 5	145 / 109 36	22	421	323 5	40 / 4 36	
				492				492	
								492	
B.M. 101-150	912	453			867	689		984	B.M. 101-150 (LACRD BL-1451)
	867	689							SIERRA HWY & HWY. STA. G 407+90.
	+44	764							SEE F.B. 2410-44

T = 60°

WEATHER CLOUDY INST. NO. 96716

TIME 1:05 TO 1:30 ROD NO. 9619

NOTES CHKD [illegible] DATE JAN 21 '69

F.B. 3787 PG. 56

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-14-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-149 TO BM 101-148
B.M. 101-149									B.M. 101-149 (U.S.C.&G.S. N-487 1955)
1	47	962	348.5	86 8 78	126	068	427.5	165 87 78	SO. PAC. CO. R.R. & CULVERT # 397.96
									SEE F.B. 2410-44
2	136	888	437.5	175 97 78	167	795	468.5	207 127 80	
				156				158	
3	189	740	490.5	227 151 76	130	977	431.5	169 91 78	
				232	✓			236 ✓	
								232 ✓	
B.M. 101-148	374	590 ✓			424	840 ✓		468	B.M. 101-148 (W-56)
					374	590 ✓			SIERRA HWY. S. OF SEMAFORE
					-50	250 ✓			#3982. SEE F.B. 2410-44

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

SURVEY BY G.E. DREIER WEATHER 64° CLOUDY INST. NO. 96716

NOTES BY SIEMANN DATE 11-6-68 TIME 11:45 TO ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD. [signature] DATE JAN 21 69

F.B. 3787 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 B.M. 101-148 TO B.M. 101-149
B.M. 101-148									B.M. 101-148 (W-56)
1	127	872	428 5	163 91 72	179	798	480 5	215 143 72	S.P.R.R. 7.3 MI. N'LY OF SP RR STA. AT LANCASTER
2	156	732	457 5	191 121 70	137	650	438 5	171 101 70	SEE F.B. 3724-251
				142				142	
3	144	713	445 5	180 108 72	177	219	478 5	213 141 72	
				214				214	π = MALDONADO
4	150	067	451 5	161 139 22	34	411	335 5	45 21 24	
				236 ✓				238 ✓	
								236 ✓	
B.M. 101-149	579	384 ✓			529	078 ✓		474 ✓	B.M. 101-149 (L.A.C.RD. B.L. 1448)
	529	078 ✓							~~[illegible]~~ S.P.R.R., 4.0 MI. S. OF ROSAMOND BLVD. CROSSING.
	+50	306 ✓							SEE F.B. 2410-44

F.B. 3787 PG. 58

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-14-68

INDEXED G.L. GALLI DATE

WEATHER SUNNY, CLEAR 60°

TIME 11:35 TO

NOTES CHKD [illegible]

ASST. NO. 96716

ROD NO. 9819

DATE JAN [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 BM101-148 TO BM 101-148A
BM101-148									BM 101-148 (U.S.G.S. W-56)
				198				237	Sierra Hwy. ~~Lancaster~~ 7.3 mi. N'ly of
1	154	482	455 5	110 88	189	691	490 5	145 88	S.P.R.R. Sta @ Lancaster
				192				152	see F.B. 3724-251
2	165	381	466 5	138 54	125	033	426 5	98 54	
				142				142	
								142	
	319	863			314	724		284	
	314	724							
	+005	139							
			10:20	Re-Run	11-15-68		Temp.: 58°		X-Siemann
BM 101-148A									
				201				230	
1	159	592	460 5	117 84	187	928	488 5	144 86	
				210				175	
2	180	920	481 5	150 60	147	538	448 5	~~124~~ 119 56	
				144				142	
	340	512			335	466		144	
	335	466						286	
BM 101-148A	+005	046							BM 101-148A (L.A.C.R.D Bf. (1448)
									Along S.P.R.R. ~~Lancaster~~ 7.1 mi. N'ly of
									S.P.R.R. Sta. @ Lancaster
									See F.B. 3724-253

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-6-68

INDEXED G. L. GALLI DATE

WEATHER Sunny & Breezy

TIME 1:15 to 1:30

NOTES CHKD [illegible]

INST. NO. 9671K

ROD NO. 9-19

DATE [illegible] 21 68

F.B. 3787 Pg. 59

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.

F.B. 3787 PG. 60 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 11-14-68
INDEXED [illegible] DATE
WEATHER Sunny & Clear INST. NO. 96716
TIME 11:25 AM ROD NO. 3412
NOTES CHKD DATE
56°

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 101-148A TO BM 101-148
BM 101-148A							BM 101-148A (L.A.C.R.D. BL 1448) Sierra Hwy, 7.1 mi. N'ly along S.P.R.R. from Lancaster R.R. Station
			174			210	
1	143.090	444 5	112 62	180 161	481 5	150 60	
			233			201	
2	193.020	494 5	153 80	160 860	461 5	119 82	See F.B. 3724-253
			142 ✓			142 ✓	
						142 ✓	
	336 110 ✓			341 021 ✓		284 ✓	
				336 110 ✓			
				004 911 ✓			
							K-Siemann
BM 101-148A		11:25	Re-Run	11-15-68		Temp. 60°	
			167			208	
1	137 671	438 5	107 60	178 641	479 5	148 60	
			237			202	
2	196 338	497 5	155 82	160 411	461 5	118 84	
			142 ✓			144 ✓	
						142	
	334 009 ✓			339 052 ✓		286 ✓	
				334 009 ✓			
				5.043 ✓			
BM 101-148							BM 101-148 (U.S.C.&G.S. W-56) Sierra Hwy, 7.3 mi. N'ly along S.P.R.R. from Lancaster R.R. Sta. See F.B. 3724-251

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

603 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY G.E. Drever

NOTES BY Maldonado DATE 11-6-68

INDEXED C.L. GALLI DATE

WEATHER Sunny & Breezy

TIME 1:30 + 1:50

NOTES CHKD [illegible] DATE JAN 21 68

68°

F.B. 3787 PG. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-148A TO BM 101-147
BM 101-148A									BM 101-148A (L.A.C.R.D. BL 1448) Along S.P.R.R. ~~Lancaster~~, 7.1 mi. N'ly of S.P.R.R. Sta. @ Lancaster See F.B 3724-253
1	136	599	437.5	178 / 94 / 84	185	121	486.5	222 / 143 / 84	
2	179	642	480.5	226 / 142 / 84	162	240	463.5	213 / 111 / 92	
3	104	552	405.5	154 / 54 / 168 / 100	149	783	450.5	196 / 102 / 176 / 94	
4	180	353	481.5	220 / 140 / 268 / 80	176	270	477.5	217 / 135 / 270 / 82	π-siemann
5	151	992	452.5	194 / 108 / 398 / 86	86	969	387.5	128 / 44 / 352 / 84	
				434				436	
								434	
	753	138			760	383		870	
					753	138			
					-007	245			
BM 101-147									BM 101-147 (U.S.C.&G.S. J-487, Along S.P.R.R. ~~Lancaster~~, 6.6 mi. N'ly. 1955) of S.P.R.R. Sta. @ Lancaster See F.B. 2410-44

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 101-147 TO BM 101-148A
BM 101-147									BM 101-147 (U.S.C.&G.S. J-487, 1955) Sierra Hwy., 6.6 mi. N'ly., along S.P.R.R. from R.R. Sta. @ Lancaster See F.B. 2410-44
1	81	411	382 5	121 81 (½) 80	141	358	442 5	182 100 82	
2	168	768	469 5	209 127 82	173	669	474 5	214 132 82	
3	141	611	442 5	177 162 105 72	132	302 ~~840~~	433 5	167 164 97 70	
4	194	609	495 5	234 234 154 80	164	785	465 5	205 234 123 82	
5	143	595	444 5	186 314 100 86	134	835	435 5	177 316 91 86	π-Siemann
6	141	840	442 5	163 400 119 44	117	354	418 5	138 402 96 42	
				444 ✓				444 ✓	
								444 ✓	
	871	834 ✓			864	303 ✓		888 ✓	
	864	303 ✓							
	+ 007	531 ✓							
BM 101-148A									BM 101-148A (L.A.C.R.D. BL 1448) Sierra Hwy., 7.1 mi. N'ly., along S.P.R.R. from R.R. Sta. @ Lancaster See F.B. 3724-25-3

56°

F.B. 3787 Pg. 62

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-14-68

INDEXED G.J. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 10:55 to 11: ROD NO. 9819

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-148A TO BM 101-147
BM 101-148A									BM 101-148A (L.A.CRD. BL 1448)
				195				227	Sierra Hwy., 7.1 mi. N'ly. of SPRR
1	144	955	445 5	93 102	176	851	477 5	125 102	Sta. @ Lancaster
	179			224				243	See F.B. 3724-253
2	~~178~~	056	480 5	134 90	198	691	499 5	153 90	
				218 192				220 192	
3	166	730	467 5	114 94	173	819	474 5	126 94	Re-Run
				208 286				237 286	
4	165	471	466 5	122 86	144	471	495 5	151 86	✗ Siemann
				194 372				114 372	
5	162	412	463 5	130 64	82	107	383 5	50 64	
				436 ✓				436 ✓	
								436 ✓	
	818	624 ✓			825	939 ✓		872 ✓	
					818	624 ✓			
					-007	315 ✓			
BM 101-147									BM 101-147 (U.S.C.&G.S. J-487, 1955)
									Sierra Hwy., 6.6 mi. N'ly. along
									S.P.R.R from R.R Sta. @ Lancaster
									See F.B. 2410-44

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-15-68

INDEXED C.L. GALLI DATE

WEATHER Overcast & Wind 60°

TIME 10:30

NOTES CHKD [illegible] DATE

F.B. 3787 PG 63

INST. NO. 96716

ROD NO. 9419

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 101-147 TO BM 101-148A
BM 101-147									BM 101-147 (U.S.C.&G.S. J-487, 1955) Sierra Hwy., 6.6 mi. N'ly along S.P.R.R. from R.R. Sta. @ Lancaster
1	81	001	382.5	113 / 49 64	161	300	462.5	193 / 129 64	
2	174	628	475.5	210 / 138 72	151	600	452.5	187 / 115 72	See F.B. 2410-44
3	153	241	454.5	198 / 108 136 / 90	158	322	459.5	204 / 112 136 / 92	
4	205	632	506.5	246 / 164 226 / 82	172	211	473.5	212 / 132 228 / 80	Re-Run
5	165	346	466.5	203 / 127 308 / 76	176	285	477.5	213 / 139 308 / 74	T-Siemann
6	147	441	448.5	179 / 115 384 / 64	100	202	401.5	132 / 68 382 / 64	
				448				446	
								~~448~~	
	927	289			9 ~~10~~ 19	920		894	
	919	920			~~927~~	~~289~~			
	+ 7	369			~~-92~~	~~631~~			
BM 101-148A									BM 101-148A (L.A.C.R.D. BL 1448) Sierra Hwy., 7.1 mi. N'ly along S.P.R.R. from R.R. Sta. @ Lancaster See F.B. 3724-253

56°

F.B. 3787 Pg. 64 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-15-68 WEATHER Overcast & windy INST. NO. 96716

INDEXED C.J. GALLI DATE TIME 11:00 to ROD NO. 9819

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 Macdonald G.E. Dreier WEATHER Sunny & Breezy 68°
NOTES BY [illegible] DATE 11-6-68 TIME 1150 to ROD NO. 9814
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATUM NGVD 29
F.B. 3787 Pg 45

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 101-147 TO BM 101-146
BM 101-147						267	BM 101-147 (U.S.C.&G.S. J-487 1955) Along SPRR Lancaster, 6.6 mi. N'ly of S.P.R.R. Sta. @ Lancaster see F.B. 2410-44
1	125 603	426.5	173 (1) 125 (2) 96	219.923	520.5	171 96	
			184			148	
2	145 713	446.5	106 78	109 000	410.5	70 78	
			172 174			192 174	
3	133 978	434.5	94 78	154 730	455.5	116 76	
			183 252			220 250	
4	142 829	443.5	101 82	180.068	481.5	140 80	
			201 334			169 330	
5	179 760	480.5	157 44	145 329	446.5	121 48	T-Siemann
			378			378	
						378	
						750	
	727883			809045			
				727883			
				-081162			
BM 101-146							BM 101-146 Along SPRR Lancaster, 6.1 mi. N'ly of SPRR Sta. @ Lancaster see F.B. 2410-43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM101-146 TO BM101-147
BM101-146									BM101-146
				193				190	Sierra Hwy., 6.1 mi. N'ly.
1	143	372	444 5	93 100	139	141	440 5	88 102	along S.P.R.R. from Lancaster
				184				201	R.R. Station
2	144	831	445 5	104 80	161	584	462 5	121 80	See F.B. 2410-43
				239 180				234 182	
3	192	203	493 5	145 94	187	367	488 5	140 94	
				203 274				226 276	
4	163	903	464 5	123 80	187	823	488 5	148 78	
				286 354				173 354	
5	273	408	574 5	260 26	160	490	461 5	147 26	
				380 ✓				380 ✓	
								380 ✓	π-Siemann
	917	717 ✓			836	405 ✓		760 ✓	
	836	405 ✓							
	+81	312 ✓							
BM101-147									BM 101-147 (U.S.C.&G.S. J-487, 1955)
									Sierra Hwy., 6.6 mi.
									N'ly., along S.P.R.R. from
									Lancaste R.R. Station
									See F.B. 2410-44

56°

F.B. 3787 PG. 66

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-14-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:30 to ROD NO. 9&19

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 — F.B. 3787 Pg 67
SURVEY BY G.C. DREIER — WEATHER CLEAR — INST. NO 96716
NOTES BY R. MOORE — DATE 11-7-68 — TIME 10:35 TO 11:05 — ROD NO 9419
INDEXED R.J. GALLI — DATE — NOTES CHKD — DATE JAN 21

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM RM 101-146 TO B.M. 101-145A
B.M. 101-146							BM 101-146 (LACRD BL 1446 1957) SIERRA HWY, 6.1 MI. N'LY OF S.P.R.R. STA. @ LANCASTER SEE F.B. 2410-43
1	151 710	452 5	193 / 109 84	96 082	397 5	137 / 55 82	
2	72 865	373 5	114 / 30 84	103 050	404 5	148 / 60 88	
			168			170	
3	112 210	413 5	161 / 63 98	151 218	452 5	197 / 105 92	
			266			262	
4	137 943	438 5	180 / 94 86	111 478	412 5	155 / 67 88	← J.M. MALDONADO
			352			350	
5	109 356	410 5	150 / 68 82	142 144	443 5	183 / 101 82	
			434			432	
6	142 939	443 5	174 / 110 64	149 971	450 5	182 / 116 66	
			498 ✓			498 ✓	
						498 ✓	
	727 023 ✓			753 943 ✓		996 ✓	
				727 023 ✓			
				26 920 ✓			
B.M. 101-145A							B.M. 101-145A T-1146 1961 SIERRA HWY., 5.5 MI. N'LY OF SPRR STA. @ LANCASTER SEE F.B. 3754-173

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

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

Do not extend notes this side of this line.

F.B. 3787 Pg. 68
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DRCER NOTES MOORE 11-14-68
INDEXED C.J. GALLI DATE
JOB NO. 03101.02
INST. NO. 96216
ROD NO. 9619
DATE JAN 21 69
NOTES CHKD DCER
WEATHER SUNNY T-50°
TIME 10:05 76 10:30

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 101-145A TO BM 101-146
B.M. 101-145A			186 / 114	72			179 / 107	72	BM 101-145A (USCEGS 1146 1961)
1	150.438	451.5			143 522	444 5			SIERRA HWY 5.5 MI. N. OF SPRR STA. @ LANCASTER
2	147 231	448 5	184 / 110	74	113 954	414 5	150 / 76	74	SEE P.B. 3754-173
				146				146	
3	129 180	430 5	167 / 191	78	138 350	439 5	125 / 101	74	
				222				220	
4	148 971	449 5	187 / 107	80	160 184	461 5	202 / 118	84	
				302				304	
5	137 629	438 5	176 / 98	78	140 922	441 5	178 / 102	76	
				380				380	
6	158 799	459 5	200 / 116	84	157 080	458 5	199 / 115	84	
				464				464	
7	152 913	453 5	168 / 136	32	144 352 ✓	445 5	160 / 128	32	
				496 ✓				496 ✓	
								496 ✓	
	1025 161 ✓				998 364 ✓			992	
B.M. 101-146	998 364 ✓								B.M. 101-146 (LACRD BL 1446 1957)
	+ 26 797 ✓								SIERRA HWY 6.1 MI N OF SPRR STA @ LANCASTER
									SEE F.B. 2410-43

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DRELER
NOTES BY R. MOORE DATE 11-7-68
INDEXED C. L. GALLI DATE
WEATHER SUNNY T-72
TIME 10:10 TO 10:40
NOTES CHKD [illegible] DATE
INST. NO. 96714
ROD NO. 9 & 19
F.B. 3787 PG 69

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
											FROM B.M. 101-145A TO B.M. 101-144
BM 101-145A											B.M. 101-145A USCGST-1146 1961
1	184	003	405 5	216 152	64	208	959	509 5	240 176	64	SIERRA HWY., 5.5 MI. N'LY OF S.P.R.R. STA. AT LANCASTER
2	147	609	448 5	190 104	86	136	139	437 5	180 92	88	SEE F.B. 3754-173
					150					152	
3	122	193	423 5	164 80	84	141	697	442 5	183 99	84	
					234					236	
4	158	820	459 5	201 115	86	145	139	446 5	186 104	82	⊼ - J. M. MALDONADO
					320					318	
5	151	683	452 5	190 112	78	183	706	484 5	223 143	80	
					398					398	
6	150	861	451 5	167 133	34	141	167	442 5	158 124	34	
					432 ✓					432 ✓	
										432 ✓	
	915	169 ✓				956	807 ✓			864 ✓	
						915	169 ✓				
						- 41	638 ✓				
B.M. 101-144											B.M. 101-144 (LACRD BL 1442 1957) SIERRA HWY., 4.95 MI. N'LY OF SPRR STA. AT LANCASTER SEE F.B. 2410-43

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. 101-144 TO BM 101-145A
B.M. 101-144									B.M. 101-144 (LACRD BL 1442 1957)
1	160	785	461 5	198 122 76	121	430	422 5	160 82 78	SIERRA HWY 4.95 MI. N. of
									SPRR STA. @ LANCASTER
2	130	070	431 5	166 94 72	125	483	426 5	161 89 72	SEE F.B. 2410-43
				148				150	
3	133	821	434 5	174 92 82	154	952	455 5	194 114 80	
				230				230	
4	156	391	457 5	197 115 82	143	461	444 5	184 102 82	
				312				312	
5	136	750	437	177	125	040	426 5	166 84 82	
	~~143~~	~~461~~	~~444~~ 5	~~95~~ 82				394	
				394					
6	147	693	448 5	165 129 36	153	071	454 5	171 135 36	
				430 ✓				430 ✓	
								430 ✓	
	865	510 ✓			823	437 ✓		860 ✓	
B.M 101-145A	823	437 ✓							B.M. 101-145A USC&GST 1146 1961
	+42	073 ✓							SIERRA HWY. 5.5 MI. N. OF
									SPRR STA @ LANCASTER
									SEE F.B. 3754-173

F.B. 3787 PG. 70

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-14-68

INDEXED C.T. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 9:45 TO 10:05 ROD NO. 9 & 19

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-145A TO BM 101-144
BM101-145A									B.M.101-145A (USG&GS T1146 1961)
1	162	011	463 5	198 126 72	176	793	477 5	212 140 72	SIERRA HWY. 5.5 MI. N'LY OF SPRR STA. @ LANCASTER
2	143	634	444 5	183 103 80 152	145	057	446 5	185 105 80 152	SEE F.B. 3754-173
3	~~139~~ 141	315	442 5	183 99 84 236	138	870	439 5	179 97 82 234	⊼ J.M. MALDONADO
4	143	838	444 5	186 100 86 322	152	019	453 5	196 108 88 322	
5	140	607	441 5	184 96 88 410	165	317	466 5	208 122 86 408	RERUN
6	159	173	460 5	170 148 22 432	154	621	455 5	166 142 24 432	
	890	578			932	677		432	
					890	578		432	
					-42	099		864	
B.M.101-144									B.M.101-144 (L.A.C.R.D. BL1442 1957) SIERRA HWY. 4.95 MI. N'LY OF SPRR STA. @ LANCASTER SEE F.B. 2410-43

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

SURVEY BY G.E. DREIER

NOTES BY A. MOORE DATE 11-15-68

INDEXED C.L. GALLI DATE

WEATHER PARTLY CLDY. WINDY 7-60 INST. NO. 96716

TIME 1:05 TO ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3787 PG. 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 T. 72°
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 96716
NOTES BY MOORE DATE 11-7-68 TIME 11:45 TO 12:00 ROD NO. 9812
INDEXED G.J. GALLI DATE NOTES CHKD DATE JAN 21 69
F.B. 3787 Pg. 73

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-144 TO B.M. 101-143
B.M. 101-144								B.M. 101-144 (L.A.C.E. & G.S. BL 1442 1957)
1	163 411	464 5	202 124	78	165 250	466 5	204 126	78 SIERRA HWY. 4.95 MI. N. OF SPRR. STA. SEE F.B. 2410-43
2	140 746	441 5	179 101	78 156	147 659	448 5	187 107	80 158
3	150 621	451 5	191 109	82 238	162 304	463 5	202 122	80
4	136 232	437 5	170 102	68 306	113 581	414 5	148 80	68 238 T = MALDONADO
5	150 130	451 5	168 132	36 342 ✓	93 670	394 5	111 75	36 342 ✓
								342 ✓
B.M. 101-143	741140 ✓				682464 ✓			684 ✓ B.M. 101-143 (U.S.C.&G.S. H-487 1953) SIERRA HWY. 4.5 MI. N. OF SPRR. STA. SEE F.B. 2410-43
	682464 ✓							
	+58676 ✓							

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 101-143 TO BM 101-144
B.M. 101-143									B.M. 101-143 (U.S.C. & G.S. H487 1955)
1	102	751	403.5	128 76 52	188	570	489.5	214 162 52	SIERRA HWY. 4.5 MI. N. of
									SPRR STA. @ LANCASTER
2	166	307	467.5	193 139 54	162	908	463.5	190 134 56	SEE F.B. 2410-43
				106				108	
3	159	172	460.5	200 118 82	137	361	438.5	178 96 82	
				188				190	
5	144	473	445.5	190 98 92	141	641	442.5	185 97 88	
				280				278	
6	153	026	454.5	182 124 58	153	975	454.5	184 122 62	
				338 ✓				340 ✓	
								338 ✓	
B.M. 101-144	725	729 ✓			784	455 ✓		678 ✓	B.M. 101-144 (L.A.C.R.D. BL1442 1957)
					725	729 ✓			SIERRA HWY. 4.95 MI. N. of
					-58	726 ✓			SPRR STA @ LANCASTER
									SEE F.B. 2410-43

T=46°

WEATHER SUNNY INST. NO. 96716

TIME 9:15 TO 9:40 ROD NO. 9 & 19

NOTES CHKD [signature] DATE JAN 21 '69

F.B. 3787 PG. 3774 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-14-68

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.G. PREECE WEATHER CLOUDY INST. NO 26716
NOTES BY S. LIEMANN DATE 11-7-68 TIME 1:00 TO 1:30 ROD NO. 2612
INDEXED R.J. GALLI DATE NOTES CHKD DATE
F.B. 3787 Pg. 85

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	
B.M.101-143									FROM B.M. 101-143 TO B.M. 101-142
									B.M. 101-143 (U.S.C.&G.S. H-487 1953)
1	109	463	410	5	154	486	455	5	S.P.R.R. & AVE E
				138 80 58				183 125 58	SEE F.B. 2410-43
2	138	382	439	5	153	317	454	5	
				168 108 60				183 123 60	
				199				118	
3	157	094	458	5	150	150	451	5	
				115 84				188 112 76	
				202				194	
4	160	044	461	5	150	635	451	5	
				177 123 74				191 109 82	
				276				276	
5	161	667	462	5	129	419	430	5	π = MOORE
				190 132 58				158 100 58	
				334				334	
6	141	396	442	5	153	043	454	5	
				182 100 82				194 112 82	
				416				416	
7	158	672	459	5	116	178	417	5	
				198 118 80				155 77 78	
				496 ✓				494 ✓	
								496	
B.M.101-142	1026	718 ✓			1007	228 ✓		990 ✓	B.M. 101-142 (U.S.C.&G.S. OBAN NO. 2)
	1007	228 ✓							SIERRA HWY. 0.6 MI. S. OF AVE E.
	+ 19	490 ✓							SEE F.B. 2410-42

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 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. 101-142 TO B.M. 101-143
B.M. 101-142									B.M. 101-142 (U.S.C.&G.S. OBAN NO. 2)
1	122	367	423 5	160 84 76	176	946	477 5	213 139 74	SIERRA HWY. ABOUT 0.6 MI. S. OF
									AVE. E. ABOUT 3.9 MI. N'LY OF
2	170	493	471 5	203 137 66	161	714	462 5	195 127 68	SPRR STA AT LANCASTER.
				142				142	SEE F.B. 2410-42
3	143	922	444 5	188 98 90	161	560	462 5	206 116 90	
				232				232	
4	157	894	458 5	194 120 74	176	547	477 5	213 139 74	
				306				306	
5	149	319	450 5	188 110 78	147	631	448 5	185 109 76	π = MOORE
				384				382	
6	155	375	456 5	190 120 70	154	693	455 5	190 118 72	
				454				454	
7	147	416	448 5	169 125 44	87	244	388 5	108 66 42	
				498				496	
								498	
B.M. 101-143	1046	786			1066	335		994	B.M. 101-143 (U.S.C.&G.S. H-487 1955)
					1046	786			S.P.RR. & AVE. E 4.5 MI. N'LY. OF
					19	549			S.P.RR. STA. AT LANCASTER.
									SEE F.B. 2410-43

64°

WEATHER WINDY, CLEAR INST. NO. 96716

TIME 1:50 TO 2:15 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 '63

F.B. 3787 PG. 76

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED E.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 — F.B. 3787 Pg 85
SURVEY BY G.E. DREIER — WEATHER OVERCAST — INST. NO. 2677
NOTES BY SIEMANN — DATE 11-7-68 — TIME 2:25 TO 3:10 — ROD NO. 2413
INDEXED R.J. GALLI — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				FROM B.M. 101-138 TO B.M. 101-137			
B.M. 101-138							B.M. 101-138 (U.S.C.&G.S. Y-56)
1	139 263	440 5	164 / 114 50	149 292	450 5	174 / 124 50	S.P.R.R. ABOUT 3.2 MI. N'LY OF S.P.R.R. STA. @ LANCASTER.
2	192 468	493 5	232 / 152 80	138 542	479 5	178 / 98 80	SEE F.B. 2410-42
3	180 950	481 5	199 / 161 38 = 130	151 320	452 5	169 / 133 36 = 130	
4	164 320	465 5	198 / 130 68 = 168	123 354	424 5	157 / 89 68 = 166	
5	171 829	472 5	209 / 133 76 = 236	137 205	438 5	175 / 99 76 = 234	
6	180 461	481 5	224 / 136 88 = 312	136 829	437 5	180 / 92 88 = 310	T = MOORE
7	155 550	456 5	192 / 118 74 = 400	138 718	439 5	175 / 101 74 = 398	
8	162 414	463 5	200 / 124 76 = 474	141 960	442 5	179 / 103 76 = 472	
9	169 814	470 5	193 / 145 48 = 530	130 247	431 5	153 / 107 46 = 548	
			598			594 / 598	
B.M. 101-137	1517 069 / 1247 467 / +269 602			1247 467		1192	B.M. 101-137 (LACRD BL-1435 S.P.R.R. & AVE G. 2.5 MI. N'LY OF S.P.R.R. STA. @ LANCASTER. SEE F.B. 2410-41

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.101-137 TO B.M.101-138
B.M.101-137									B.M.101-137 (L.A.C.RD. B.L.1435)
1	117 (4)	838 (1)	418 5	162 / 72 90	161 (22)	459 (24)	462 5	206 / 116 90	S.P.R.R. & AVE. G. ABOUT 2.5
									MI. N'LY OF S.P.R.R. STA. @
2	130	566	431 5	170 / 90 80	173	368	474 5	213 / 183 80	LANCASTER. SEE F.B. 2410-41
				170				170	
3	151	275	452 5	191 / 111 80	163	328	464 5	203 / 123 80	
				250				250	
4	128	713	429 5	172 / 84 88	174	825	475 5	217 / 131 86	
				338				336	
5	137	689	438 5	175 / 99 76	200	611	501 5	239 / 161 78	π = MOORE
				414				414	
6	125	840	426 5	168 / 82 86	148	008	449 5	190 / 106 84	
				500				498	
7	98	631	399 5	137 / 59 78	138	286	439 5	178 / 98 80	
				578				578	
								578	
B.M.101-138	890	552			1159	885		1156	B.M.101-138 (U.S.C.&G.S. Y-56)
					890	552			S.P.R.R. ABOUT 3.2 MI. N'LY OF
					269	333			S.P.R.R. STA. @ LANCASTER.
									SEE

F.B. 3787 Pg. 86 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED C.J. GALLI DATE

60°

WEATHER WINDY, CLEAR INST. NO. 96716

TIME 10:50 TO 11:30 ROD NO. 9819

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 B.M. 101-142 TO B.M. 101-141
B.M. 101-142									BM. 101-142 (U.S.C.&G.S. OBAN RM. 2)
1	152	796	453 5	158 146 12	68	589	369 5	74 62 12	SIERRA HWY. ABOUT 0.6 MI. S OF
								12	AVE. E. SEE F.B. 2410-42
								24	π = MOORE
	68	589							
B.M. 101-141	+84	207							B.M. 101-142 (U.S.G.S. OBAN)
									SIERRA HWY. ABOUT 0.6 MI. S. OF
									AVE. E. SEE F.B. 2410-42

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

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

NOTES BY S.E. MANN DATE 11-7-68 TIME 1:30 TO 1:35 ROD NO. 9869

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

F.B. 3787 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-141 TO B.M. 101-142
B.M. 101-141									B.M. 101-141 (U.S.G.S. OBAN)
1	61	004	362 5	67 55 12	145	236	446 5	151 139 12	SIERRA HWY. ABOUT 0.6 MI. S. OF AVE. E. 3.9 MI. NLY OF SPRR. STA. AT LAN
					61	004 ✓		12	
								24 ✓	
B.M. 101-142					-84	232 ✓			B.M. 101-142 (U.S.C.&G.S REF. OBAN No 2 1941) W. SIDE SIERRA HWY 0.6 mi. S. OF AVE E. SEE F.B. 2410-42

F.B. 3787 PG. 98

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED C. L. GALLI DATE

WEATHER WINDY, CLEAR INST. NO. 96716

TIME 1:47 TO ROD NO. 9819

NOTES CHKD DATE

64°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER WEATHER CLOUDY 72° INST. NO. 26716
NOTES BY SIEMANN DATE 11-7-68 TIME 1:35 To 4:40 ROD NO. 9412
INDEXED P. J. GALLI DATE NOTES CHKD. DATE
F.B. 3787 Pg. 79

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-141 TO B.M. 101-140
B.M. 101-141									B.M. 101-141 (U.S.G.S. OBAN)
1	57	127	358	61 53 8	137	873	438 5	140 134 6	SIERRA HWY. ABOUT 0.6 MI. S.
								8 14	OF AVE. E SEE F.B. 2410-42
									T = MOORE
					57	127			
B.M 101-140					80	746			B.M. 101-140 (U.S.C.&G.S. OBAN NO. 1)
									SIERRA HWY. ABOUT 0.6 M. S. OF
									AVE F. SEE F.B. 2410-42

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 INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 3787 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED C.J. GALLI DATE

WEATHER 64° WINDY, CLEAR INST. NO. 96716

TIME 1:40 TO 1:43 ROD NO. 9617

NOTES CHKD [illegible] DATE JAN 21 69

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-140 TO B.M. 101-141
B.M. 101-140				167 8				°86	B.M. 101-140 (U.S.C.&G.S. OBAN NO. 1)
1	163	170	464 5	159 &	82	408	383 5	78 8	SIERRA HWY. ABOUT 0.6 MI. S. OF
		408 ✓						8	AVE. E. 3.9 MI. N'LY OF SPRR
	82	~~383~~						74	STA. AT LANCASTER.
								16	SEE F.B. 2410-42
B.M. 101-141	+80	762 ✓							B.M. 101-141 (U.S.C.G.S. OBAN)
									SIERRA HWY. ABOUT 0.6 MI. S. OF
									AVE. E. 3.9 MI. N'LY OF S.P.R.R.
									STA. AT LANCASTER.
									SEE F.B. 2410-42

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-140 TO B.M. 101-139
B.M. 101-140									B.M. 101-140 (U.S.C.&G.S. OBAN NO. 1)
1	112	530 ~~095~~	413 5	139 85 54	57	181	358 5	87 27 60	SIERRA HWY. ABOUT 0.6 MI. S. OF
									AVE. E. SEE F.B. 2410-42
2	36	168	337 5	65 7 58	92	355	393 5	119 65 54	
				112				114	
3	115	540	416 5	148 82 66	150	027	451 5	182 118 64	
				178				178	π = MOORE
4	174	250	475 5	202 146 56	123	217	424 5	151 95 56	
				234 ✓				234 ✓	
								234 ✓	
	438	488 ✓			422	780 ✓		469	B.M. 101-139 (U.S.G.S. 2302B)
B.M. 101-139	422	780 ✓							S.P.R.R. ABOUT 3.6 MI. N. OF SPRR.
	+15	708 ✓							STATION. SEE F.B. 2410-42

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

SURVEY BY G.E. DREIER WEATHER OVERCAST 72° INST. NO. 96716

NOTES BY SIEMANN DATE 11-7-68 TIME 1:45 TO 2:00 ROD NO. 9819

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

F.B. 3787 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-139 TO B.M. 101-140
B.M. 101-139									B.M. 101-139 (U.S.G.S. 2302 B)
1	109	227	410 5	139 79 60	159	669	460 5	189 129 60	S.P.R.R. ABOUT 3.6 MI. N'LY OF SPRR STA AT LANCASTER
2	148	514	449 5	183 113 70	170	832	471 5	205 135 70	SEE F.B. 2410-42
				130				130	
3	165	859	466 5	209 121 88	141	914	442 5	185 97 88	
				218				218	π = MOORE
4	158	254	459 5	164 152 12	125	262	426 5	131 119 12	
				230				230	
								230	
B.M. 101-140	581	854			597	677		460	B.M. 101-140 (U.S.C.&G.S. OBA No. 1)
					581	854			SIERRA HWY. ABOUT 0.6 MI. S. OF AVE. E. 3.9 MI. N'LY OF S.P.R.R. STA. AT LANCASTER.
					15	823			SEE F.B. 2410-42

F.B. 3787 PG. 82 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED C.T. GALLI DATE

WEATHER WINDY, CLEAR INST. NO. 96716

TIME 1.15 TO 1.35 ROD NO. 9819

NOTES CHKD [signature] DATE JAN 21 69

62°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-139 TO B.M. 101-138
B.M. 101-139								B.M. 101-139 (U.S.G.S. 2302 B)
1	130 628	431 5	162 98 64		153 502	454 5	184 122 62	S.P.R.R. & ABOUT 3.6 MI. N. OF SPRR
								STATION - SEE F.B. 2410-42
2	164 914	465 5	195 133 62	126	147 295	448 5	180 114 66	
							128	
3	169 584	470 5	199 139 60	186	141 136	442 5	170 112 58	
							186	
4	152 941	453 5	189 115 74	260	148 618	449 5	186 110 76	π = MOORE
							262	
5	177 686	478 5	224 130 94	354 ✓	107 119	408 5	152 62 90	
							352 ✓	
							354 ✓	
B.M. 101-138	795 753 ✓				697 670 ✓		706	B.M. 101-138 (U.S.C. & G.S. Y-56)
	697 670 ✓							S.P.R.R. ABOUT 3.2 MI. N. OF SPRR
	-98083 ✓							STATION. SEE F.B. 2410-42

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

SURVEY BY G.E. DREVER

NOTES BY SIEMANN DATE 11-7-68

INDEXED C.J. GALLI DATE

WEATHER 72° OVERCAST INST. NO. 96716

TIME 2:00 TO 2:20 ROD NO. 9512

NOTES CHKD [signature] DATE JAN 21 69

F.B. 3787 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.101-138 TO B.M.101-139
B.M.101-138									B.M.101-138 (U.S.C.&G.S. Y-56)
1	114	292	415 5	148 / 80 68	181	138	482 5	215 / 147 68	S.P.R.R. ABOUT 3.2 MI. N'LY OF
									S.P.R.R. STA. AT LANCASTER.
2	147	323	448 5	180 / 114 66 / 134	161	785	462 5	194 / 128 66 / 134	SEE F.B. 2410-42
3	151	814	452 5	192 / 110 82 / 216	173	964	474 5	214 / 132 82 / 216	
4	142	862	443 5	181 / 103 78 / 294	123	250	424 5	165 / 85 80 / 296	π = MOORE
5	112	673	413 5	140 / 84 56 / 350	126	592	427 5	155 / 97 58 / 354	
								350	
B.M.101-139	668	964			766	729		704	B.M.101-139 (U.S. ~~C&~~ G.S. 2302B
					668	964			S.P.R.R. ABOUT 3.6 MI. N'LY OF
					-97	765			S.P.R.R. STA. AT LANCASTER.
									SEE F.B. 2410-42
			RERUN	11-15-68	T=60°			1:50 TO	
B.M.101-138									B.M.101-138
1	86	913	387 5	127 / 51 70	145	442	446 5	180 / 110 70	
2	141	693	442 5	179 / 103 76 / 146	160	048	461 5	198 / 122 76 / 146	
3	141	667	442 5	187 / 95 92 / 238	175	800	476 5	221 / 129 92 / 238	
4	154	506	455 5	193 / 115 78 / 316	162	301	463 5	200 / 124 76 / 314	758.734
									660.552
5	135	773	436 5	152 / 118 34 / 350	115	143	416 5	133 / 97 36 / 350	-98.182
								350	
B.M.101-139	660	552			758	734		700	B.M.101-139

60°

WEATHER WINDY CLEAR ANST. NO. 96716

TIME 11:35 TO 12:00 ROD NO. 9819

NOTES CHKD [signature] DATE

JOB NO. 0103.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-13-68

INDEXED C.J. GALLI DATE

F.B. 3787 PG. 84

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 11-8-68

INDEXED R. J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 9:50 to 10:05 ROD NO. 9419

NOTES CHKD [signature] DATE JAN 21 68

62°

F.B. 3787 Pg 87

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-137 TO B.M. 101-136
BM 101-137									B.M. 101-137 (L.A.C.R.D. 1435) (Along S.P.R.R.) Sierra Hwy., & Ave. G, 2.5 mi. N'ly. of S.P.R.R. Sta. @ Lancaster
1	153	793	454 5	199 107 92	137	573	438	182 92 90	
2	166	715	467 5	197 135 62	138	890	439 5	170 106 64	See F.B. 2410-41
3	156	718	457 5	199 154 113 86	131	268	432 5	174 154 88 86	
4	152	546	453 5	177 240 127 50	124	408	425 5	149 240 99 50	
				290 ✓				290 ✓	K-Siemann
								290 ✓	
	629	772 ✓			532	139 ✓		580 ✓	
	532	139 ✓							
	+ 97	633 ✓							
BM 101-136									BM 101-136 (U.S.C.&G.S. Z-811, 1947) (Along S.P.R.R.) Sierra Hwy., 2.1 mi. N'ly. of S.P.R.R. Sta @ Lancaster. See F.B. 2410-41

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 BM101-136 TO BM101-137
BM101-136									BM101-136 (U.S.C.&G.S., Z-811, 1947)
1	128	447	429.5	168 88 80	162	302	463.5	202 121 81	Sierra Hwy., 2.1 mi. N'ly along S.P.R.R. from Lancaster R.R. Station
2	144	161	445.5	189 98 91	180	473	481.5	225 135 90	See F.B. 2410-41
3	124	668	425.5	169 79 90 171	154	312	455.5	199 109 90 171	
4	151	753	452.5	166 136 30 261	149	600	450.5	163 135 28 261	
				291				289 ✓	
								291 ✓	π-Siemann
	549	029 ✓			646	687 ✓		580 ✓	
					549	029 ✓			
					97	658 ✓			
BM101-137									BM101-137 (L.A.C.R.D. 1435) Sierra Hwy., & Ave. "G", 2.5 mi. N'ly along S.P.R.R. from R.R. Sta. @ Lancaster See F.B. 2410-41

54°

F.B. 3787 PG. 88 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-13-68

INDEXED G. J. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 9:50 to 10:10 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 28 '69

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 101-136 TO BM 101-135
BM 101-136							BM 101-136 (U.S.C.&G.S. Z-811, 1947) Along S.P.R.R. Sierra Hwy., 2.1 mi. N'ly. of S.P.R.R. Sta. @ Lancaster See F.B. 2410-41
1	156 413	457 5	199 113 86	147 898	448 5	191 103 88	
2	149 680	450 5	188 110 78	130 178	431 5	168 92 76	
3	162 621	463 5	206 164 118 88	144 933	445 5	184 164 104 80	
4	169 299	470 5	210 252 128 82	152 182	453 5	190 244 114 76	T-Siemann
5	169 683	470 5	217 334 121 96	105 400	406 5	162 320 48 114	
6	191 512	492 5	236 430 146 90	96 880	397 5	140 434 52 88	
7	192 938	493 5	205 520 179 26	183 369	484 5	195 522 171 24	
			546 ✓			546 ✓	
						546 ✓	
	1192 146 ✓			960 840 ✓		1092 ✓	
	960 840 ✓						
	+231 306 ✓						
BM 101-35							BM 101-135 (L.A.C.R.D. BL 1433) Along S.P.R.R. Sierra Hwy, 1.5 mi. N'ly. of S.P.R.R. Sta. @ Lancaster See F.B. 2410-41

64°

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-8-68
INDEXED C.J. GALLI DATE
WEATHER Sunny & Clear
TIME 10:10 to 10:40
NOTES CHKD [illegible] DATE JAN 21 69
INST. NO. 96716
ROD NO. 9-19
F.B. 3787 PG 89

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. 3787 Pg. 90 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maltermo 11-13-68

INDEXED [illegible] DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 9:10 to 9:50 ROD NO. 9819

NOTES CHKD [illegible] DATE MAY 21 68

52°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-135 TO BM101-136
BM101-135									BM 101-135 (L.A.C.R.D. BL 1433 Sierra Hwy, 1.5 mi. N'ly, along S.P.R.R. from Lancaster R.R. Sta. see F.B. 2410-41
1	140	275	441	5 / 167 / 113 / 54	203	451	504	5 / 231 / 175 / 56	
2	109	159	410	5 / 155 / 63 / 92	200	040	501	5 / 247 / 153 / 94	
3	139	678	440	5 / 186 / 92 / 94	133	889	434	5 / 178 / 88 / 90	
4	122	313	423	5 / 168 / 76 / 92	176	000	477	5 / 240 / 130 / 92	Siemann & Dreier
5	147	283	448	5 / 200 / 94 / 106	185	098	486	5 / 332 / 132 / 106	
6	150	889	451	5 / 199 / 101 / 98	179	373	480	5 / 438 / 129 / 100	
7	140	609	441	5 / 150 / 130 / 20	103	888	404	5 / 538 / 94 / 18	
				556 ✓				556 ✓	
	950	206 ✓			1181	739 ✓		1112 ✓	
					950	206 ✓			
					231	533 ✓			
BM101-136									BM 101-136 (U.S.C. & G.S., Z-811, 1947) Sierra Hwy., 2.1 mi. N'ly, along S.P.R.R. from Lancaster R.R. Sta. see F.B. 2410-41

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 11-8-68
INDEXED L.I. GALLI DATE
WEATHER Sunny & Clear INST. NO. 96716
TIME 10:45 to 11:00 ROD NO. 9 & 19
NOTES CHKD. [illegible] DATE JAN 21 69
66°
F.B. 3787 Pg. 91

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-135 TO BM 101-134A
BM 101-135									BM 101-135 (L.A.C.R.D. BL 1433) (Along S.P.R.R.) Sierra Hwy, 1.5 mi. N'ly. of S.P.R.R. Sta. @ Lancaster, & Ave. "H" See F.B. 2410-41
1	147	203	448.5	187 / 107 80	54	523 / ~~614~~	355.5	94 / 13 81	
2	128	650	429.5	178 / 78 100	145	304	446.5	196 / 94 102	
3	164	293	465.5	202 / 126 180 / 76 / 256	130	538	431.5	167 / 94 183 / 73 / 256	
	440	146			330	365		256 / 512	⊼ - Siemann
	330	365							
	+109	781							
				Re-Run 11-18-68 9:40 Temp. 58°					
1	180	468	481.5	217 / 143 74	66	767	367.5	104 / 28 76	
2	146	957	447.5	191 / 101 90	148	092	449.5	191 / 101 90	
3	121	348	422.5	166 / 76 164 / 90 / 254	124	067	425.5	169 / 79 166 / 90 / 256	
	448	773			338	926		256 / 254 / 510	
BM 101-134A	338	926							BM 101-134A (U.S.C.&G.S. Reset 1965) Along S.P.R.R. Sierra Hwy, 1.1 mi. N'ly. of S.P.R.R. Sta. @ Lancaster (Ave. H) See F.B. 3724-223
	+109	847							

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 101-134A TO BM 101-135
BM 101-134A									BM 101-134A (U.S.C.&G.S. Z-56 Reset 1965)
1	111	630	412 5	147 75 72	147	592	448 5	182 112 70	Sierra Hwy. along S.P.R.R. 1.1 mi. N'ly. of S.P.R.R. Sta. @ Lancaster
2	224	200	525 5	262 186 76	178	645	479 5	217 139 78	See F.B. 3724-223
3	141	916	442 5	172 110 148 62	201	521	502 5	232 170 148 62	
4	129	195	430 5	152 106 210 46 256	189	356	490 5	212 166 210 46 256	
								256	X-Siemann
	606	941			717	114		512	
					606	941			
					110	173			
					Re-Run 9:20			Temp: 58°	11-18-68
1	124	904	430	174 84 90	128	161	429 5	173 83 90	
2	148	853	449 5	193 103 90	146	940	447 5	190 100 90	
3	62	460	363 5	100 24 180 76 256	176	232	477 5	213 139 180 74 254	
								256	
	341	217			451	333		510	
BM 101-135					341	217			BM 101-135 (L.A.C.R.D. BL 1433) Sierra Hwy., 1.5 mi. N'ly. along S.P.R.R. from Lancaster, @ Ave. H. See F.B. 2410-41
					110	116			

F.B. 3787 Pg. 92 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-12-68

INDEXED C.L. GALLI DATE

WEATHER Part Cloudy Turndy INST. NO. 96716

TIME 2:00 to 2:15 ROD NO. 9819

NOTES CHKD. [illegible] DATE

56°

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.E. Preece
NOTES BY M.L. Gallimore DATE 11-18-68
INDEXED DATE NOTES CHKD DATE
WEATHER Sunny & clear TIME 10:15 TO 10:30 ROD NO. 9814
INST. NO. 9214
60°
F.B. 3787 Pg. 93

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM BM 101-135 TO BM 101-134A
BM 101-135				209				174	BM 101-135 (L.A.C.R.D. BL 1433) Sierra Hwy, Along SP.R.R. 1.5 mi. N'ly. of R.R. Sta. @ Lancaster, & Ave. H.
1	189	110	490 5	169 40	154	738	455 5	134 40	
				275				220	
2	239	216	540 5	203 72	185	360	486 5	150 70	
				243 112				258 110	See F.B. 2410-41
3	207	850	508 5	171 72	222	929	523 5	186 72	
				191 184				154 182	
4	154	182	455 5	117 74	117	178	418 5	80 74	Re-Run T. Siemann
				258 ✓				256 ✓	
								258 ✓	
								514	
	790	358 ✓			680	205 ✓			
	680	205 ✓							
	110	153 ✓							
									BM 101-134A (U.S.C. & G.S. 1956 Recst 1965) Sierra Hwy. 1.1 mi. S'ly along SP.R.R. N'ly. of R.R. Sta. @ Lancaster.
BM 101-134A									
									See F.B. 3724-223

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-134A TO BM101-135
BM101-134A									BM 101-134A (U.S.C.&G.S. Z-56 Reset 1965)
1	107	360	408 5	142 72 70	144	486	445 5	179 109 70	Sierra Hwy., along S.P.R.R. 1.1 mi. N'ly of S.P.R.R. Sta. @ Lancaster
2	231	350	532 5	266 196 70	210	100	511 5	246 174 72	
3	179	816	480 5	217 140 141 76	241	581	542	278 142 204 74	See F.B. 3724-223
4	156	222	457 5	175 216 137 38 254	188	619	489 5	208 216 168 40 256	
	674	748			784	786		254 510	Re-Run K-Siemann
					674	748			
					110	038			
									BM101-135 (LACRD. BL 1433) Sierra Hwy. 1.5 mi. N'ly along S.P.R.R. (@ Ave "H") from R.R. Sta. @ Lancaster See F.B. 2410-41

F.B. 3787 PG. 97 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-18-68

INDEXED C.I. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 10:00 to 10:00 ROD NO. 7E19

NOTES CHKD [illegible] DATE JAN 21 69

60°

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 BM101-135 TO BM101-134A
BM101-135									BM101-135 (L.A.C.R.D. BL 1433)
				232				114	Along S.P.R.R. & Sierra Hwy., 1.5
1	189	439	490 5	146 86	71	502	372 5	28 86	mi. N. of R.R. @ Lancaster,
				153				181	& Ave. "H".
2	111	252	412 5	69 84	138	638	439 5	95 86	See F.B. 2410-41
				193 170				172 172	
3	149	367	450 5	105 88	129	940	430 5	86 86	
				258 ✓				258 ✓	
								258 ✓	
	450	058 ✓			340	080 ✓		516 ✓	Re-Run
	340	080 ✓							
	+109	978 ✓							π-Siemann
BM101-134A									BM101-134A (U.S.C. & G.S. Z-56, RESET 1965) Along Sierra Hwy., & S.P.R.R., 1.1 mi. N. of R.R. Sta. @ Lancaster
									See F.B. 3724-223

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-26-68 WEATHER Sunny & Breezy TIME 1:40 to 1:55 INST. NO. 96716

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

64°

F.B. 3787 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 BM101-134A TO BM101-135
BM101-134A									BM 101-134A (U.S.C.&G.S. 252, RESET 1965)
				170				177	Along S.P.R.R. & Sierra Hwy. 1.1 mi.
1	126	959	427 5	82 88	133	630	434 5	89 88	N. of R.R. Sta. @ Lancaster.
				207				218	
2	156	698	457 5	105 102	167	938	468 5	116 102	See F.B. 3724-22J
				115 190				208 190	
3	82	542	383 5	49 66	174	590	475 5	140 68	
				256				258	
								256	
	366	199			476	158		514	
					366	199			Re-Run
					-109	959			T-Siemann
BM101-135									BM101-135 (L.A.C.R.D. BL 1433) Along S.P.R.R. & Sierra Hwy., 1.5 mi. N. of R.R. Sta. @ Lancaster, & Ave. "H". See F.B. 2410-41

64°

F.B. 3787 PG. 96 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-26-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:25 to 1:40 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 21 69

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 BM 101-134A TO BM 101-133
BM 101-134A									BM 101-134A (U.S.C.&G.S. Z-56 Reset 1965)
1A	122	602	423 5	164 80 84	179	139	480 5	220 138 82	Sierra Hwy. (Along SPRR) 1.1 mi. N'ly. of S.P.R.R. Sta. @ Lancaster
2	154	329	455 5	193 105 78	125	638	426 5	164 86 78	See F.B. 3724-223
3	155	389	456 5	195 115 80 162	136	254	437 5	176 96 80 160	
4	200	413	501 5	240 160 80 242	122	485	423 5	164 80 84 240	
5	189	728	490 5	224 154 70 322	143	099	444 5	176 110 66 324	X-Siemann
6	160	519	461 5	168 152 16 392	146	310	447 5	154 138 16 390	
				408				406	
								408	
	982	980			852	925		814	
	852	925							
	+130	055							
BM 101-133									BM 101-133 (U.S.G.S. 2335) (2335 B 1902) (Along SPRR) Sierra Hwy., 0.6 mi. N'ly. of S.P.R.R. Sta. @ Lancaster See F.B. 2410-40

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-8-68
INDEXED C.J. GALLI DATE
WEATHER Sunny & Clear INST. NO. 96716
TIME 11:05 to 11:45 ROD NO. 9819
NOTES CHKD [illegible] DATE JAN 21 '69
F.B. 3787 PG 97
68°

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 BM101-133 TO BM101-134A
BM 101-133									BM 101-133 (U.S.&GS 2335 B 1902)
1	154	~~278~~ 603	455 5	173 ~~135~~ 38	169	~~152~~ 249	470 5	189 ~~148~~ 151 36	Sierra Hwy, along S.P.R.R. 0.6 mi.
2	124	~~300~~ 908	425 5	160 ~~88~~ 72 ~~66~~	185	~~424~~ 678	486 5	223 ~~154~~ 147 76 ~~58~~	N'ly. of S.P.R.R. Sta. @ Lancaster
3	112	672	413 5	146 ~~78~~ 110 68	180	118	481 5	213 ~~147~~ 112 66	See F.B. 2410-40
4	131	081	432 5	166 ~~96~~ 178 70	146	374	447 5	181 ~~111~~ 178 70	
5	146	963	447 5	177 ~~115~~ 248 62	168	303	469 5	200 ~~136~~ 248 64	X-Siemann
6	160	642	461 5	201 ~~119~~ 310 82	130	868	431 5	172 ~~88~~ 312 84	
	136	618	437 5	143 ~~129~~ 392 14	117	072	418 5	124 ~~110~~ 396 14	
				406				410	
								406	
	967	487			1097	662		816	
					967	487			
					-130	175			
BM101-134A									BM101-134A (U.S.C.&G.S. Z-56) Reset 1965)
									Sierra Hwy. along S.P.R.R., 1.1 mi. N'ly. of S.P.R.R. Sta. @ Lancaster
									See F.B. 3724-233

58°

F.B. 3787 PG. 98

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-12-68

INDEXED C. L. BALLI DATE

WEATHER Sta. Cloudy & Windy INST. NO. 96716

TIME 1:25 to 2:00 ROD NO. 9819

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-133 TO BM 101-132A
BM101-133									BM 101-133 (U.S. & G.S. 2335) (Along S.P.R.R.)
				221				150	Sierra Hwy., 0.6 mi. N'ly. of
1	187	785	488 5	153 68	117	828	418 5	84 66	S.P.R.R. Sta. @ Lancaster.
				225				176	See F.B. 2410-40
2	194	429	495 5	163 62	146	181	447 5	116 60	
				130				126	
								130	
	382	214			264	009		256	
	264	009							T. Siemann
	+118	205							
BM101-132A									BM 101-132A (U.S.C. & G.S. J-1147, Along S.P.R.R., 0.45 mi. N'ly. of 1961) S.P.R.R. Sta. @ Lancaster, ± 350 Ft. N. of Ave I. See F.B. 3717-191

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-8-68

INDEXED C.L. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 11:45 to 12:00 ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE

68°

F.B. 3787 PG 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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-132A TO BM 101-133
BM 101-132A									BM 101-132A (U.S.C.&G.S. J-1147, 1961) Along S.P.R.R., ± 350 Ft. N. of Ave "I" @ Lancaster. See F.B. 3717-191
1	127	085	428 5	165 89 76	205	761	506 5	242 168 74	
2	130	669	431 5	160 100 60	170	170	471 5	198 142 56	
				136				130	
								136	
	257	754			375	931		266	
					257	754			
					-118	177			
									K-Sieman
BM 101-133									BM 101-133 (U.S.G.S. 2335 B 1902) Along S.P.R.R., 0.6 mi. N'ly. of S.P.R.R. Sta. @ Lancaster See F.B. 2410-40

60°

F.B. 3787 PG. 100 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level

SURVEY BY Dreier NOTES Maldonado 11-12-68

INDEXED C. L. GALLI DATE

WEATHER Cloudy & Windy INST. NO. 967

TIME 1:10 to 1:20 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

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 101-132A TO BM 101-132
BM 101-132A							BM 101-132 A (U.S.C.&G.S. J-1147, 1961) Along S.P.R.R., ± 350 Ft. N. of Ave. "I" @ Lancaster
1	166098 131665 +34433	467 5	190/142 48	131 665	432 5	155/107 48 48 96	See F.B. 3717-191
							J.M. MALDONADO
BM 101-132							BM 101-132 (L.A.C.R.D BL 667) Along S.P.R.R., & Ave. "I" @ Lancaster See F.B. 2410-40

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-8-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear TEMP. INST. NO. 96716

TIME 1:15 TO 1:20 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 21 '69

F.B. 3787 PG. 101

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 BM101-132 TO BM101-132A
BM101-132									BM101-132 (L.A.C.R.D. BL 667) Along S.P.R.R. & Ave. I" @ Lancaster
1	132	265	433	5	156 / 108	48	166 / 132	706 / 265	467 5	190 / 142	48 / 48 / 96	see F.B. 2410-40
							-34	441			
BM101-132A									BM101-132A (U.S.C.&G.S. I-1147, 1961) Along S.P.R.R., ± 350 Ft. N. of Ave. "I" @ Lancaster see F.B. 3717-191

WEATHER SUNNY & WINDY INST. NO. 96716

TIME 11:50 TO 11:55 ROD NO. 9 & 19

NOTES CHKD [signature] DATE JAN 21 '69

F.B. 3787 PG. 102 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES MOORE 11-12-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-132 TO BM 101-131 A
BM 101-132									B.M. 101-132 (LACRD BL 667)
1	191	059	492 5	231 / 151 80	111	230	412 5	151 / 71 80	ALONG SPRR & AVE. "I" @ LANCASTER
									SEE F.B. 2410-40
2	189	837	490 5	230 / 148 82	103	202	404 5	141 / 65 76	
				162				156	
3	203	412	504 5	241 / 165 76	91	233	392 5	132 / 50 82	
				238				238	
4	245	979	546 5	288 / 202 86	77	029	378 5	118 / 36 82	
				324				320	
5	176	239	477 5	198 / 154 44	181	820	482 5	205 / 157 48	π = MALDONADO
				368				368	
	148	667	449 5	152 / 144 8	155	573	456 5	159 / 151 8	
	1155	193 ✓		376	720	087 ✓		376 ✓	
	720	087 ✓						376 ✓	
	+435	106 ✓						752	
BM 101-131A									B.M. 101-131A (U.S.G.S. 2356 1914 RESET 1961)
									ALONG LANCASTER BLVD. ON S. SIDE
									@ 1ST ALLEY TO WEST OF SIERRA HWY.
									SEE F.B. 3717-187

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

SURVEY BY G.E. DREIER WEATHER SUNNY T-72° INST. NO. 96716

NOTES BY R. MOORE DATE 11-8-68 TIME 1:55 TO 2:15 ROD NO. 9E19

INDEXED G. GALLI DATE NOTES CHKD. DATE

F.B. 3787 PG. 103

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. 101-131A TO B.M. 101-132
B.M. 101-131A									BM 101-131A (U.S. G.S. 2356 1914)
1	185	713	486 5	213 / 157 56	233	606	524 5	262 / 204 58	ALONG LANCASTER BLVD. ON
									S. SIDE. AT 1ST ALLEY WEST
2	81	668	382 5	118 / 44 74 / 130	198	050	499 5	234 / 162 72 / 130	OF SIERRA HWY.
									SEE F.B. 3717-187
3	107	899	408 5	141 / 73 68 / 198	200	897	501 5	234 / 166 68 / 198	
4	91	303	392 5	124 / 58 66 / 264	175	193	476 5	208 / 142 66 / 264	
5	112	404	413 5	146 / 78 68 / 332	187	510	488 5	219 / 155 64 / 328	
									T- J. MALDONADO
6	167	231	465 5	180 / 154 26 / 358	185	967	486 5	199 / 171 28 / 356	
								358	
	746	218			1181	223		714	
					746	218			
					-435	005			
B.M. 101-132									B.M. 101-132 (L.A.C.R.D. BL 66)
									ALONG S.RR.R. & AVE. "I"
									@ LANCASTER
									SEE F.B. 2410-40

F.B. 3787 Pg. 104

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-12-68

INDEXED [illegible] DATE

T-62 WEATHER SUNNY & WINDY INST. NO. 96716

TIME 11:25 TO 11:50 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-131A TO B.M. 101-129
B.M. 101-131A									B.M. 101-131A (U.S.G.S. 2356 1914 RESET 1961)
1	186	696	487 5	213 159 54	142	683	443 5	166 128 48	LANCASTER BLVD. & 1ST ALLEY W. OF SIERRA HWY., S.E. COR.
2	134	489	476 5	202 148 54 108	108	963	409 5	136 80 56 104	SEE F.B. 3717-187
3	191	152	492 5	218 164 54 162	113	808	414 5	140 86 54 158	
4	176	481	477 5	208 144 64 226	130	519	431 5	162 98 64 222	↑ J. MALDONADO
								226	
	729	828			495	973		448	
	495	973							
B.M. 101-129 +	233	855							B.M. 101-129 (U.S.C.&G.S. ~~G 487~~ A-57 1926) BETWEEN R.R. & HWY AT SHELL CO. SEE F.B. 2410-39

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 11-12-68

INDEXED C.J. GALLI DATE

WEATHER VERY WIND SCAT. CLOUDS 60°

TIME 10:30 TO 10:50

NOTES CHKD [illegible] DATE JAN 21 69

INST. NO. 96716

ROD NO. 9819

F.B. 3787 PG. 105

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. 3787 Pg. 106 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY PARTY NOTES G.E. DREER 11-12-68
INDEXED DATE
WEATHER 60° VERY WINDY TIME 11:00 TO 11:20 NOTES CHKD DATE
INST. NO. 96716 ROD NO. 2 & 19

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-129 TO B.M. 101-131A
B.M. 101-129				160				209	B.M. 101-129 (U.S.C. & G.S. A-57, 1926)
1	127	664	428 5	94 66	176	799	477 5	143 66	~~E. OF R.R. NEAR SEMAPHORE 405.7~~ W. OF R.R., E. OF HWY AT SHELL CO.
2	98	521	399 5	134 62 72 138	206	911	507 5	241 171 70 136	SEE F.B. 2410-39
3	127	616	428 5	149 105 44 182	168	841	469 5	191 145 46 182	J. MALDONADO
4	138	531	439 5	155 121 34 216	173	541	474	192 154 38 220 216 436	
B.M. 101-131A									B.M. 101-131A (U.S.C.S. 2336, 1914 '35 RESET 1961) LANCASTER BLVD & 1ST ALLEY W. OF SIERRA HWY SEE F.B. 3717-187
	492 232				726 092				
					492 232				
					233 860				

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-129 TO B.M. 101-130
B.M. 101-129									B.M. 101-129 (U.S.C. & G.S. A-57, 1926)
1	184	197	485	194 / 174 20	155	900	456 5	164 / 146 18	SHELL OIL Co. BETWEEN RR & HWY. SEE F.B. 2410-39
	155	900						20	
	28	297						38	J. MALDONADO
B.M. 101-130									B.M. 101-130 (U.S.C & G.S. G-487 1955) E. OF R.R NEAR SEMAPHORE 405.7 SEE F.B. 2410-40

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 60° VERY WINDY

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

NOTES BY G.E. DREIER DATE 11-12-68 TIME 10:50 TO 10:55 ROD NO. 9419

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

F.B. 3787 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-130 TO B.M. 101-129
B.M. 101-130									B.M. 101-130 (U.S.C. & G.S. G 45 1955)
				163				192	E. OF R.R. NEAR SEMAPHORE 405.7
1	153	756	454 5	143 20	182	060	483 5	172 20	SEE F.B. 2410-40
					153	756		20	
					28	304		40	J. MALDONADO
B.M. 101-129									B.M. 101-129 (U.S.C. & G.S. A-57 1926)
									BETWEEN R.R. & HWY AT SHELL CO.
									SEE F.B. 2410-39

F.B. 3787 PG. 108 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 11-12-68

INDEXED [illegible] DATE

60° VERY WINDY

WEATHER

TIME 10:55 TO 11:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 21 [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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-~~129~~ 130 TO BM 101-128
BM 101 ~~129~~ 130									BM 101 ~~129~~ 130 (U.S.C.&G.S. ~~G487 1955~~ ~~A57 1926~~) Along S.P.R.R. 0.5 mi. N. of Ave. J, 50 Ft. ± S. of Semafores 4056 & 4057. See F.B. 2410-39
1	149	790	450 5	153 / 145 8	144	142	445 5	148 / 140 8	
2	186	264	487 5	215 / 157 58	84	322	385 5	114 / 54 60	
3	212	550	513 5	242 66 / 182 60	117	982	418 5	147 68 / 87 60	
4	293	698	594 5	293 126 / 268 50	154	819	455 5	179 128 / 129 50	
5	188	180	489 5	222 176 / 154 68	163	310	464 5	196 178 / 130 66	T-Siemann
6	209	908	510 5	240 244 / 178 62	118	702	419 5	140 244 / 76 64	
7	199	148	500 5	219 306 / 179 40	99	858	400 5	118 308 / 80 38	
				346				346	
								346	
	1439	538			883	135		692	
	883	135							
	+556	403							
BM 101-128									BM 101-128 Along S.P.R.R. & Ave. J @ Lancaster. S.W. side of tracks & Ave. J. See F.B. 2410-39

76'

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 11-18-68
INDEXED E.J. GALLI DATE
WEATHER Sunny & clear INST. NO. 96716
TIME 1:00 to 1:40 ROD NO. 92 & 19
NOTES CHKD [illegible] DATE JAN 21 '68
F.B. 3787 PG. 159

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 BM101-128 TO BM101-~~129~~ 130
BM101-128									BM101-128
				98				251	SPR.R. & Ave. "J" @ Lancaster.
1	67	152	368.5	36 62	220	851	521.5	189 62	S.W. side of tracks & Ave. "J".
				165				213	See F.B. 2410-39
2	132	032	433.5	99 66	181	082	482.5	149 64	
				187 128				302 126	
3	150	919	451.5	113 74	267	749	568.5	232 ~~68~~ 78	
				140 202				244 ~~194~~ 196	
4	110	422	411.5	80 60	212	196	513.5	180 64	T. Siemann
	83			121 262				245 260	
5	~~196~~	033	384.5	45 76	206	618	507.5	167 78	
	141	642	442.5	~~157~~ 145 338				157 338	
6	~~153~~	~~200~~	~~454.5~~	~~149~~ 8	153	200	454.5	149 8	
				129 346				346	
								346	
	685	200			1241	696		692	
					685	200			
					556	496			
BM101-~~129~~ 130									101-130 ~~130~~ (U.S.C.&G.S. G487 1955) ~~BM101-129 (U.S.C.&G.S. A57~~ 1926), along S.P.R.R., 0.5 mi. N. of Ave. J., 50 Ft. ± S. of Semafores 4056 & 4057. See F.B. 2410-39

70°

WEATHER Sunny & Clear INST. NO. 96716
TIME 10:55 to 11:30 ROD NO. 9819
NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 11-18-68
INDEXED C. L. GALLI DATE

F.B. 3787 PG. 110

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER WEATHER SUNNY INST. NO. 96716
NOTES BY R. MOORE DATE 11-9-68 TIME 1:45 TO 2:15 ROD NO. 9E19
INDEXED E.L. GALLI DATE NOTES CHKD. DATE
F.B. 3787 Pg 44

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-128 TO BM 101-127
BM 101-128									B.M. 101-128
1	169	251	470 5	204 / 134 70	93	384	394 5	127 / 57 70	ALONG SPRR & AVE "J" @ LANCASTER S.W. SIDE OF TRACKS & AVE "J"
2	178	762	479 5	216 / 140 76 / 146	~~100~~	~~731~~	~~401 5~~	139 / 61 78 / 148	SEE F.B. 2410-39
3	184	542	485 5	224 / 144 80 / 226	91	303	392 5	130 / 52 78 / 226	
4	235	412	536 5	270 / 200 70 / 296	125	169	426 5	160 / 90 70 / 296	T - J.M. MALDONADO
5	174	369	475 5	208 / 140 68 / 364	98	123	399 5	133 / 63 70 / 366	
6	196	828	497 5	227 / 165 62 / 426 ✓	75	382	376 5	105 / 45 60 / 426 ✓	
	1139	164 ✓			584	092 ✓		426 ✓ / 852 ✓	
	584	092 ✓							
BM 101-127	555	072 ✓							BM 101-127 US 4714 LACRD BL 118 ALONG S.P.R.R. 0.4 MI. S. OF AVE "J" 400 ± S. OF ENTRANCE TO CALIF. STATE HWY. DEPT. "MAINTENANCE YD." SEE F.B. 2410-39

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. 3787 Pg. 1/2 JOB NO. 0301.02
SURVEY OF L.A. CO PRECISE LEVEL NET
SURVEY BY [illegible] NOTES MOORE 11-26-68
INDEXED [illegible] DATE
NOTES CHKD Slater DATE JAN 21 69
WEATHER SUNNY & BREEZY INST. NO 94716
TIME 11:15 TO 11:45 ROD NO 9 & 10
T-62°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-127 TO BM 101-128
BM 101-127									B.M. 101-127 (U.S 4714 LACRD BL 118)
1	129	279	430	5	194	542	495	5	ALONG SPRR 0.4 MI S OF AVE J
				159 99 60				229 169 60	400± FT. S. OF ENTRANCE TO "CALIF
2	56	070	357	5	198	658	499	5	STATE HWY. DEPT." MAINTENANCE YARD
				96 16 80				237 159 78	SEE F.B. 2410-39
				140				138	
3	102	017	403	5	207	011	508	5	
				141 63 78				247 167 80	
				218				218	
4	117	271	418	5	205	854	506	5	
				157 77 80				245 165 80	
				298				298	X - J.M. MALDONADO
5	86	928	387	7	201	042	502	5	
				124 48 76				240 162 78	
				374				376	
6	105	724	406	5	145	192	446	5	
				129 81 48				169 122 46	
				422	✓			422 ✓	
								422 ✓	
BM 101-128	597	289	✓		1152	299 ✓			844 B.M. 101-128
					597	289 ✓			SIERRA HWY & AVE J S.E. COR.
					-555	010 ✓			SEE F.B. 2410-39

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 G.E. DREIER

NOTES BY DREIER DATE 11-19-68

INDEXED C.L. GALLI DATE

F.B. 3787 PG. 113

WEATHER 71° LT. WIND CLEAR INST. NO. 96716

TIME 11:00 TO 11:40 ROD NO. 9819

NOTES CHKD. DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 101-127 TO 101-126
B.M. 101-127									B.M. 101-127 U.S.C.&G.S. S811 1947 RESET 1955
1	169	917	470 ~~741~~ 5	197 141 56	50	940	351 5	78 22 56	SIERRA HWY OPP. HO.# 13953 SEE F.B. 2410-39
2	221	608	522 5	260 182 78 134	69	092	370 5	108 30 78 134	
3	201	841	502 5	236 166 70 204	83	392	384 5	118 48 70 204	⊼ J. MALDONADO
4	210	706	511 5	248 172 76 280	60	377	361 5	98 260 76 280	
5	208	797	509 5	243 173 70 350	86	151	387 5	122 50 72 352	
6	219	152	520 5	242 196 46 396	115	098	416 5	138 92 46 398	
7	160	426	461 5	169 151 18 414	145	353	446 5	154 136 18 416	
B.M. 101-126								414	B.M. 101-126
	1392	447			610	403		~~[illegible]~~ 830	SIERRA HWY & AVE. K. S.E. COR. SEE F.B. 2410-39
	610	403							
	+782	044							

F.B. 3787 Pg. 1/4 JOB NO 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.O. BOMAR NOTES MOORE 12-6-48
INDEXED C.L. BALL DATE
NOTES CHKD B.M.S. DATE 12-7-48
WEATHER SUNNY & BREEZY INST. NO 26716
TIME 10:40 TO 11:15 ROD NO 289
T-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 B.M. 101-126 TO B.M. 101-127
B.M. 101-126									B.M. 101-126
1	149 781		450 5	188 112 74	276 418		577 5	(½) 276 239 74	SIERRA HWY. & AVE K S.E. COR.
									SEE F.B. 2410-39
2	60 343		361 5	(½) 102 60 84	234 521		535 5	276 192 84	
				158				158	
3	78 720		379 6	120 36 84	208 343		509 5	250 166 84	
				242				242	T.- J.M. MALDONADO
4	82 138		383 5	128 36 92	241 783		542 5	285 197 88	
				334				330	
5	84 014		385 5	116 52 64	222 689		522 5	257 189 64	
				398				394	
6	123 661		424 5	136 110 26	177 812		478 5	(½) 177 162 30	
				424 ✓				424 ✓	
								424 ✓	
	578 657	✓			1360 566 ✓			848	
B.M. 101-127					578 657 ✓				B.M. 101-127 (USCGS S 811 1947 RESET 1955)
					781 909 ✓				SIERRA HWY. OPP. HO # 43953
									SEE F.B. 2410-39

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-126 TO B.M.101-125
B.M.101-126									B.M.101-126
1	238	150	539 5	272 204 68	86	245	387 5	121 51 70	SIERRA Hwy & AVE. K S.E. COR. SEE F.B. 2410-39
2	228	478	529 5	262 194 68 136	71	714	372 5	105 ½ 71 68 138	
3	209	111	510 5	242 176 66 202	81	317	382 5	114 48 66 204	⊼ J. MALDONADO
4	223	899	524 5	253 193 60 262	49	841	350 5	78 20 58 262	
5	167	063	468 5	196 138 58 320	112	537	413 5	141 83 58 320	
6	194	449	495	220 168 52 372	118	413	419 5	144 92 52 372	
B.M.101-125								372	B.M.101-125 (U.S.C.&G.S. T811 1947)
	1261	150			520	067		744	S.P.R.R. & SIERRA Hwy
	520	067							SEE F.B. 2410-38
	+741	083							

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

SURVEY BY G.E. DREIER

NOTES BY G.E. DREIER DATE 11-19-68

INDEXED C.J. GALLI DATE

WEATHER 71° LT. WIND SLEAR INST. NO. 96716

TIME 11:45 TO 12:15 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 21 '69

F.B. 3787 PG. 1165

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 101-125 TO BM 101-126
B.M 101-125									B.M. 101-125 (USC & GS T 811 1947)
1	97	749	398 5	140 54 86	229	420	530 5	270 188 82	S.P.R.R. & SIERRA HWY. 0.6 MI S. AVE "K"
									SEE F.B. 2410-38
2	125	578	426 5	170 80 90	274	623	575 5	(½) 274 227 94	
				176				176	
3	17	289	318 5	(½) 59 17 84	222	261	523 5	264 180 84	⊼ - J.M. MALDONADO
				260				260	
4	34	623	335 5	(½) 81 34 94	242	602	543 5	290 194 96	
				354				356	
5	120	759	421 5	132 108 24	168	044	469 5	180 156 24	
				378 ✓				380 ✓	
								378 ✓	
	395	998 ✓			1136	950 ✓		758 ✓	
B.M. 101-126					395	998 ✓			B.M. 101-126
					-740	952 ✓			SIERRA HWY & AVE K S.E. COR
									SEE F.B. 2410-39

F.B. 3787 PG. 116 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-26-68

INDEXED C.L. GALLI DATE

WEATHER SUNNY & BREEZY INST. NO. 96716

TIME 10:20 TO 10:40 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 21 '69

T: 54°

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 Maldonado DATE 11-19-68

INDEXED C. J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 56716

TIME 1:20 to 1:40 ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 3787 PG. 117

72°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-125 TO BM 101-124A
BM 101-125									BM 101-125 (U.S.C.&G.S. T-811, 1947)
				288				114	S.P.R.R. & Sierra Hwy. 0.6 mi. So. of
1	254	078	555 5	219 69	79	711	380 5	43 71	Ave. "K"
				255				136	See F.B. 2410-38
2	221	463	522 5	187 68	103	049	404 5	70 66	
				260 137				111 137	
3	228	545	529 5	196 64	79	370	380 5	46 65	
				193 201				135 202	K-Dreier
4	177	785	478 5	160 33	119	930	420	102 33	
				234 ✓				235 ✓	
								234 ✓	
	881	871 ✓			382	060 ✓		469 ✓	
	382	060 ✓							
	499	811 ✓							
									BM 101-124 A (U.S.C.&G.S. ~~386~~ 2462 (USGS) 1902)
									Along S.P.R.R. & Sierra Hwy.,
									See F.B. 3737-23
BM 101-124A									~~BM 101-124 (U.S.C.&G.S. 38 1902 B-57 RESET)~~
									~~S.P.R.R. & Sierra Hwy. Along Ave. K-12, 0.8 mi. So. of Ave. K, E. Side of Tracks~~
									~~See F.B. 2410-38~~

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 101-124A TO BM 101-125
BM 101-124A									BM 101-124A (U.S.C. & G.S. 2462 (USGS) 38 1902)
1	47	027	348 5	97 47 (1/2) 100	245	911	546 5	296 194 102	Along S.P.R.R. & Sierra Hwy. & 400 Ft. N. of mile post 408
2	56	262	357 5	102 10 92	250	450	551 5	296 204 92	S Ely. & across the Hwy. & tracks
3	126	652	427 5	146 106 192 40	233	429	534 5	251 215 194 36	from the Bermuda Inn. See F.B. 3737-23
				232 ✓				230 ✓ 232 ✓	
	229	941 ✓			729	790 ✓		462	
					229	941 ✓			
					499	849 ✓			K-Siemann
BM 101-125									BM 101-125 (U.S.C. & G.S. T-811, 1947) Along S.P.R.R. & Sierra Hwy. 0.6 mi. So. of Ave. "K", S Ely. & across the Hwy from the Sands Bowl Restaurant. See F.B. 2410-38

F.B. 3787 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-26-69

INDEXED [illegible] DATE

WEATHER Sunny & TIME 9:55 to NOTES CHKD. [illegible] INST. NO. 96716 ROD NO. 9819 DATE Jan 21 69

54°

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

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

NOTES BY Maldonado DATE 11-19-68 TIME 1:55 to ROD NO. 9819

INDEXED B.J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 21 69

F.B. 3787 Pg 119

72°

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
BM101-124A									FROM BM101-124A TO BM 101-124
									~~BM101-124A (U.S.C.&G.S. B-57, 1926 RESET 1955) Along S.P.R.R. & Sierra Hwy. & Ave. K-12, 0.8 mi. So. of Ave. K. E. Side of Tracks~~
1	246	748	547 5	283 209 74	72	782	373 5	110 33 77	
2	201	676	502 5	233 168 65	110	589	411 5	141 79 62	See F.B. 2410-38
3	224	832	525 5	253 194 59 139	81	110	302 5	111 51 60 139	BM101-124A (U.S.C.&G.S. 38 1902) Along S.P.R.R. & Sierra Hwy. & FB ~~3736~~ 3737-23
4	205	486	506 5	237 173 64 198	87	097	388 5	119 55 64 199	
5	215	217	516 5	254 176 78 262	74	907	375 5	113 35 78 263	
6	215	621	516 5	242 187 55 340	189	229	490 5	217 163 54 341	K. Dreier
				395 ✓				395 ✓	
								395	
	1309	580 ✓			615	714 ✓		790 ✓	
	615	714 ✓							BM 101-124 (U.S.C.&G.S. B-57, 1926 RESET 1955) Along S.P.R.R. & Sierra Hwy., & Ave. L-4, E. of and across Hwy., from Ho. #426.07. See F.B. 2410-38
	+693	866 ✓							
BM 101-124									~~BM 101-123 (U.S.C.&G.S. U-811, 1947) B-57, 1926~~ ~~BM101-124 (U.S.C.&G.S. U-811, 1947) (RESET 1955)~~ ~~Along S.P.R.R. & Sierra Hwy., 0.4 mi. So. Ave K, across the Hwy. & Bon Aire Motel~~ See F.B. 2410-38

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-124 TO BM101-124A
BM101-124									BM 101-124 (U.S.C.&G.S. B-57 1926) (RESET, 1955) Along S.P.R.R. & Sierra Hwy., & Ave. L4 ~~0.2 mi. So. of Ave. "K" across the Hwy. from the Bon Aire Motel.~~ E. of & across Hwy. from Ho. # 42607 See F.B. 2410-38
1	135	159	436.5	187 (1/2) 135 104	265	431	566.5	265 (1/2) 214 102	
2	75	378	376.5	125 25 100	245	956	546.5	296 194 102	
3	43	179	344.5	93 204 43 (1/2) 100	233	473	534.5	283 204 183 100	
4	79	913	380.5	124 304 34 90	282	675	583.5	282 304 237 (1/2) 90	
				394 ✓				394 ✓	
								394 ✓	
	333	629 ✓			1027	535 ✓		788 ✓	K-Siemann
					333	629 ✓			
					693	906 ✓			
BM101-124A									BM 101-124 A (U.S.C.&G.S. 38, 1902) Along S.P.R.R. & Sierra Hwy., ±400 Ft. N. of Mile Post 408 (C.&S. 1/1) across the Hwy. & Tracks from the Bermuda Inn. See F.B. 3737-23

54°

WEATHER Sunny & clear INST. NO. 96716

TIME 9:30 to ROD NO. 9619

NOTES CHKD. [illegible] DATE

F.B. 3787 Pg. 120 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-26-68

INDEXED B. L. GALLI DATE

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 74
SURVEY BY G.E. OKEEFE WEATHER CLEAR INST. NO. 716
NOTES BY SIEMANN DATE 11-20-68 TIME 10:10 TO 10:32 ROD NO. 2412
INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]
F.B. 3787 Pg 27

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	
									FROM B.M.101-124 TO B.M.101-123
B.M.101-124									B.M.101-124 (U.S.C. & G.S. B-57 1926 RESET 1933
1	279	752	580	5 2275 2251 48	111	276	4125	135 87 48	ALONG S.P.R.R. & SIERRA HWY. 0.2 MI. S. OF AVE. K.
2	210	352	511	5 237 183 54 102	90	053	3915	117 63 54 102	SEE F.B. 2410-38
3	174	670	475	5 190 159 31 133 ✓	121	539	4225	136 106 30 132 ✓ 133 ✓	T=MOORE
B.M.101-123	664	774 ✓			322	868 ✓		265	B.M.101-123 (U.S.C. & G.S. U-811 S.P.R.R. 0.4 MI. S. OF AVE. K SEE F.B. 2410-38
	322	868 ✓							
	+341	906 ✓							

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. 3787 PG. 122 JOB NO 0301.82

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-26-68

INDEXED [illegible] DATE

NOTES CHKD [illegible] DATE JAN 21 69

TIME 9:15 TO 9:25 ROD NO. 7818

WEATHER CLEAR T=54 INST. NO 96716

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-123 TO B.M. 101-124
B.M. 101-123									B.M. 101-123 (U.S.C.&G.S. U-811)
1	79	796	380	5 106 52 54	198	735	499	5 225 171 54	S.P.R.R. 0.4 MI. S. OF AVE K.
									SEE F.B. 2410-38
2	66	522	367	5 106 26 80 134	289	482	590	5 289 248 82 136	T = MOORE
3								134	
B.M. 101-124	146	318	✓		488	217	✓	270	B.M. 101-124 (U.S.C.&G.S. B-57)
					146	318	✓		S.P.R.R. MI. S. OF AVE L
					341	899	✓		SEE F.B. 2410-38

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 B.M. 101-123 TO B.M. 101-122
B.M. 101-123									B.M. 101-123 (U.S.C.&G.S. U-811)
1	212	798	513 5	246 178 68	98	010	399 5	131 65 66	S.P.R.R. 0.4 MI. S. OF AVE. K.
									SEE F.B. 2410-38
2	210	154	511 5	245 175 70	102	499	403 5	137 67 70	
				138				136	
3	225	618	526 5	259 191 68	102	284	403 5	135 69 66	
				206				202	
4	228	477	529 5	266 190 76	85	817	386 5	125 45 80	
				282				282	
5	217	136	518 5	249 185 64	90	613	391 5	122 58 64	
				346				346	π = MOORE
6	235	782	536 5	268 202 66	74	367	375 5	107 41 66	
				412				412	
7	212	113	513 5	233 191 42	156	610	457 5	177 135 42	
				454				454	
8	174	738	475 5	195 153 42	87	068	388 5	108 66 42	
				496				496	
								496	
B.M. 101-122	716	816			797	268		992	B.M. 101-122 (U.S.C.&G.S. FF-487)
	797	268							SIERRA HWY. & AVE M.
+	919	548							SEE F.B. 2410-38

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

SURVEY BY G.E. DREIER WEATHER CLEAR INST. NO. 76766

NOTES BY SIEMANN DATE 11-20-68 TIME 10:30 TO 11:00 ROD NO. 9412

INDEXED R.J. GALLI DATE NOTES CHKD. [signature] DATE JAN 21 69

F.B. 3787 PG. 123

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. 101-122 TO B.M. 101-123
B.M. 101-122									B.M. 101-122 (U.S.C.&G.S. FF-487)
1	89	378	390 5	116 62 54	164	166	465 5	191 137 54	SIERRA HWY. & AVE M.
2	7~~7~~6	932	377 5	109 43 66	235 ~~232~~	260 ~~712~~	536 5 ~~527 5~~	268 202 ~~254~~ ~~198~~ 66	SEE F.B. 2410-38
3	62	669	363 5	97 27 120 70	221	548	522 5	256 186 120 70	
4	88	631	389 5	125 88 190 74	219	510	520 5	256 182 190 74	
5	94	990	395 5	126 62 264 64	208	208	509 5	240 176 264 64	T = MOORE
6	88	677	389 5	122 54 328 68	211	657	512 5	244 178 328 66	
7	118	455	419 5	142 94 396 48	189	235	490 5	214 164 394 50	
8	97	819	398 5	121 73 444 48	187	758	488 5	211 163 444 48	
				492 ✓				492 ✓	
								492 ✓	
B.M. 101-123	717	551 ✓			1637	342 ✓		984	B.M. 101-123 (U.S.C.&G.S. U-811)
					717	551 ✓			S.P.R.R. 0.4 MI. S. OF AVE K.
					~~989~~	~~791~~			SEE F.B. 2410-38
					919	791 ✓			

T = 54°

WEATHER WINDY INST. NO. 96716

TIME 1:50 TO 2:30 ROD NO. 9019

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3787 Pg. 124

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY C. LOALLI NOTES SIEMANN 11-25-68

INDEXED 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 WEATHER CLEAR INST. NO. 2677
NOTES BY SIEMANN DATE 11-20-68 TIME 11:05 TO 11:45 ROD NO. 8618
INDEXED R.J. GALLI DATE NOTES CHKD. DATE
F.B. 5787 Pg. 25

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M.101-122 TO B.M.101-121
B.M.101-122									B.M.101-122 (U.S.C.&G.S. F.F.-487)
1	163	218	464 5	180 138 42	110	435	411 5	134 86 48	SIERRA HWY & AVE M.
									SEE F.B. 2410-38
2	191	506	492 5	215 167 48	123	247	424 5	144 102 42	
				90				90	
3	120	952	421 5	139 101 38	165	161	466 5	184 146 38	
				128				128	
4	217	165	518 5	243 191 52	108	115	409 5	134 82 52	
				180				180	
5	187	782	488 5	215 159 56	75	938	376 5	102 48 54	T = MOORE
				236				234	
6	161	158	462 5	192 130 62	84	666	385 5	115 53 62	
				298				296	
7	200	000	501 5	218 182 36	104	843	405 5	123 85 38	
				334 ✓				334 ✓	
								334 ✓	
B.M.101-121	1241	781 ✓			772	405 ✓		668	B.M.101-121 (U.S.C.&G.S. V-811)
	772	405 ✓							SP.RR. 0.4 MI. S OF AVE M.
	+469	376 ✓							SEE F.B. 2410-37

F.B. 3787 Pg. 126 | JOB NO. 0301.02 | SURVEY OF L.A. CO. PRECISE LEVEL NET | SURVEY BY PREIS | NOTES SIEMANN 11-25-68 | INDEXED | DATE

INST. NO. 96716 | ROD NO. 9E12 | DATE JAN 21 69 | NOTES CHKD | TIME 1:15 TO 4:45 | WEATHER windy | T 56°

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-121 TO B.M. 101-122
B.M. 101-121									B.M. 101-121 (U.S.C.&G.S. V-811)
1	63	908	364	5 93 33 60	207	103	508	5 237 177 60	S.P.R.R. ABOUT 0.4 MI. S OF AVE M.
									SEE F.B. 2410-37
2	81	311	382	5 116 46 70	181	438	482	5 216 146 70	
3	111	730	412	5 136 86 50 130	218	690	519	5 243 193 50 130	
4	140	868	441	5 174 140 68 180	132	125	433	5 163 101 62 180	T = MOORE
5	138	121	439	5 168 110 58 248	215	116	516	5 247 183 64 242	
6	95	236	396	5 119 71 48 306	145	900	446	5 169 121 48 306	
				354 ✓				354 ✓	
								354 ✓	
B.M. 101-122	631	174 ✓			100	372 ✓		708	B.M. 101-122 (U.S.C.&G.S. FF-487)
					631	174 ✓			SIERRA HWY & AVE M.
					- 469	198 ✓			SEE F.B. 2410-38

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. 101-121 TO B.M. 101-120B
B.M. 101-121					184	542	485 5	206 162 ~~211~~	B.M. 101-121 (U.S.C.&G.S. V-811
1	150	368	451 5	172 128 44	~~193~~	~~100~~	~~474 5~~	~~175~~ 36	S.P.R.R. 0.4 MI. S. OF AVE. M.
								44	SEE F.B. 2410-37
2	165	472	466 5	198 132 66	110	381	411 5	143 77 66	
				110				110	
3	153	846	454 5	189 117 72	87	824	388 5	123 51 72	
				182				182	
4	218	500	519 5	251 185 66	34	000	335 5	67 0 67	π = MOORE
				248				249	
5	194	415	495 5	216 172 44	75	464	376 5	97 ½ 75 44	
				292 ✓				293 ✓	
								292 ✓	
B.M. 101-120B	882	601 ✓			492	211 ✓		585	B.M. 101-120B (TBM E-13)
	492	211 ✓							SIERRA HWY. AT STA. F ~~126~~ 176 + 26
	+390	390 ✓							SEE F.B. 2411-11

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

SURVEY BY G.E. PREIER

NOTES BY SIEMANN DATE 11-20-68

INDEXED C.J. GALLI DATE

WEATHER 72° CLEAR INST. NO. 96716

TIME 11:45 TO 12:00 ROD NO. 9&19

NOTES CHKD. [illegible] DATE JAN 21 69

F.B. 3787 PG. 127

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. 101-120 B TO B.M. 101-121
B.M. 101-120B									B.M. 101-120 B (T.B.M. E-13)
1	48	050	349 5	73 23 50	191	719	492 5	216 166 50	SIERRA HWY. AT STA F-176+26
									SEE F.B. 2411-11
2	90	546	391 5	116 64 52	196	404	497 5	222 170 52	
				102				102	
3	124	242	425 5	154 94 60	200	268	501 5	230 170 60	
				162				162	
4	145	867	446 5½	180 145 70	203	292	504 5	238 168 70	T = MOORE
				232				232	
5	108	604	409 5	140 76 64	115	970	416 5	146 84 62	
				296				294	
								296	
B.M. 101-121	517	309			907	653		590	B.M. 101-121 (U.S.C.&G.S. V-811)
					517	309			SP.R.R ABOUT 0.4 MI. S. OF AVE. M.
					390	344			SEE F.B. 2410-37

F.B. 3787 PG. 128 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-25-68

INDEXED [illegible] DATE

WEATHER VERY WINDY INST. NO. 96716

TIME 11:45 TO 12:00 ROD NO. 9419

NOTES CHKD [illegible] DATE [illegible]

T=56

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 F.B. 3787 Pg. 129
SURVEY BY G.E. DREIER WEATHER SUNNY-WINDY INST. NO. 9616
NOTES BY R. MOORE DATE 11-20-68 TIME 120 TO 1135 ROD NO. 9F19
INDEXED G.J. GALL DATE NOTES CHKD. DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-120B TO B.M. 101-120A
BM101-120B									B.M. 101-120B (TBM E-13)
1	137	768	438	5 179 95 84	97	805	398	5 140 56 84	SIERRA HWY AT STA F-176+26
									SEE F.B. 2911-11
2	90	482	391	5 105 75 30 114	144	798	445	5 159 129 30 114	✓ ✓
								114	✓ → J.M. MALDONADO
	228	250	✓		242	603	✓	228	
					228	250	✓		
BM101-120A					-14	353	✓		BM 101-120A (USC&GS K1147 1941)
									ALONG SPRR AT MI. POST "410"
									SEE F.B. 3754-189

F.B. 3787 Pg. 130
JOB NO. 0301.02
SURVEY OF L.A.CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES MOORE 11-25-68
INDEXED G. J. GALLI DATE
WEATHER SUNNY & WINDY INST. NO. 96716
TIME 11:20 to 11:40 ROD NO. 9 & 19
NOTES CHKD DATE JAN 21 69

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-120A TO B.M. 101-120B
B.M. 101-120A									B.M. 101-120A (USC&GS K1147 1961)
1	156	619	457 5	187 / 125 62	180	517	481 5	211 / 149 62	ALONG SPRR AT MI. POST "410"
									SEE F.B. 3754-189
2	178	289	479 5	201 / 155 46 / 108 ✓	140	022	441 5	164 / 116 48 / 110 ✓ / 108	T - J. MALDONADO
B.M. 101-120B	334	908 ✓			320	539 ✓		218 ✓	B.M. 101-120B (TBM E13)
	320	539 ✓							SIERRA HWY AT STA F 176+26
	+ 14	369 ✓							SEE F.B. 2411-11

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 BM101-120A TO BM101-119
BM101-120A									BM101-120A (USC&GS K1147 1961)
1	183	237	484 5	212 154 58	94	178	395 5	123 65 58	ALONG SPRR AT MI. POST 410"
									SEE F.B. 3754-189
2	183	900	484 5	218 148 70	122	910	423 5	158 86 72	
				128				130	
3	189	274	490 5	224 154 70	67	491	368 5	(½) 101 67 68	
				198				198	
4	282	793	583 5	(½) 282 246 72	50	599	351 5	85 15 70	⊼ J.M. MALDONADO
				270				268	
5	229	859	530 5	264 194 70	128	438	429 5	163 93 70	
				340				338	
6	167	741	468 5	197 137 60	127	519	428 5	158 96 62	
				400 ✓				400 ✓	
								400 ✓	
	1236	804 ✓			591	135 ✓		800	
	591	135 ✓							
4	645	669 ✓							
B.M.101-119									B.M.101-119 (USC&GS W811 1947)
									ALONG SPRR AT MILEAGE MARKER
									∠A. 63.00
									SEE F.B. 2410-37

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

SURVEY BY G.E. DREIER

NOTES BY R. MOORE DATE 11-20-68

INDEXED R.J. GALLI DATE

WEATHER 72° SUNNY & WINDY INST. NO. 96716

TIME 1:35 TO 2:05 ROD NO. 9F19

NOTES CHKD. [signature] DATE JAN 21 69

F.B. 3787 PG. 131

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.101-119 TO B.M.101-120A
B.M.101-119									B.M.101-119 (USC&GS W811 1947)
1	137	300	438.5	164 / 110 / 54	177	985	478.5	205 / 149 / 56	ALONG S.P.R.R. AT MILEAGE
									MARKER L.A. 63.00
2	128	323	429.5	167 / 89 / 78 / 132	217	718	518.5	256 / 178 / 78 / 134	SEE F.B. 2410-37
3	35	796	336.5	(½) 65 / 35 / 60 / 192	267	538	568.5	296 / 238 / 58 / 192	
4	60	450	361.5	93 / 27 / 66 / 258	174	380	475.5	207 / 141 / 66 / 258	π - J.M. MALDONADO
5	110	031	411.5	141 / 79 / 62 / 320	191	275	492.5	222 / 260 / 62 / 320	
6	108	479	409.5	144 / 72 / 72 / 392	197	148	498.5	233 / 161 / 72 / 392	
								392	
								784	
	580	379			1226	044			
					580	379			
					645	665			
B.M.101-120A									B.M.101-120A (U.S.C.&G.S. K1147 1961)
									ALONG S.P.R.R. AT MI. POLE "410"
									SEE F.B. 3754-189

F.54°

WEATHER SUNNY & WINDY INST. NO. 96716

TIME 10:40 to 11:20 ROD NO. 96117

NOTES CHKD [illegible] DATE [illegible]

F.B. 3787 Pg. 132 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-25-68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY R. MOORE DATE 11-20-68 TIME 2:05 TO 2:35 ROD NO 9819
INDEXED D.L. GALLI DATE NOTES CHKD DATE
WEATHER SUNNY & WINDY INST. NO 86718
F.B. 5787 Pg 32

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.101-119 TO B.M.101-118
B.M.101-119							B.M.101-119 (USCGS W811 1947)
1	168 822	469 5	204 132 72	144 158	445 5	178 110 68	ALONG SPRR AT MILEAGE MARKER 63.00
2	157 309	458 5	192 122 70 / 142	63 402	364 5	100 26 74 / 142	SEE F.B. 2410-37
3	229 700	530 5	266 192 74 / 216	57 304	358 5	(4) 95 57 76 / 218	
4	273 838	574 5	(5) 273 236 74 / 290	97 595	398 5	133 61 72 / 290	T - J.M. MALDONADO
5	187 200	488 5	216 158 58 / 348 ✓	241 792	542 5	270 212 58 / 148 ✓	
	1016869 ✓			604251 ✓		148 ✓ / 696 ✓	
	609251 ✓						
B.M.101-118	412618 ✓						B.M.101-118 ALONG SPRR 280 FT. S. OF SEMAFORE "4108" SEE F.B. 2410-37

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.101-118 TO BM.101-119
BM 101-118									B.M. 101-118 (L.A. CO. ENGR. 1957)
1	243	103	544 5	272 / 214 58	174	076	475 5	203 / 145 58	ALONG SPRR 280± FT. S. OF
									SEMAPHORE NO. 4108
2	109	210	410 5	148 / 72 76 / 134	215	862	516 5	253 / 177 76 / 134	SEE F.B. 2410-37
3	12	688	313 5	(½) 36 / 12 48 / 182	213	807	514 5	237 / 189 48 / 182	π - J.M. MALDONADO
4	89	083	390 5	126 / 52 74 / 256	201	912	502 5	237 / 165 72 / 254	
5	119	538	420 5	152 / 86 66 / 322	169	931	470 5	202 / 136 66 / 320	
6	137	058	438 5	149 / 125 24 / 346	147	738	448 5	160 / 134 26 / 346	
								346	
								346	
	710	680			1123	326		692	
					710	680			
					-412	646			
B.M. 101-119									B.M. 101-119 (USC&GS W 811 1947)
									ALONG SPRR AT MILEAGE
									MARKER 63.00
									SEE F.B. 2410-37

F.B. 3787 PG. 134 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-22-68

INDEXED C.J. GALLI DATE

WEATHER SUNNY 78° INST. NO. 96716

TIME 1:45 TO 2:20 ROD NO. 9E19

NOTES CHKD [illegible] DATE JAN 21 '69

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 BM101-118 TO BM101-117B
BM101-118									BM 101-118
1	295	668	596 5	295 258 ½ 74	96	514	397 5	133 59 74	Along S.P.R.R. & Sierra Hwy., 280 Ft. ± So. of Semafore No. 4108.
2	91	159	392 5	123 59 64	155	202	456 5	187 123 64	see F.B. 2410-37
3	159	420	460 5	202 116 138 86	72	602	373 5	114 30 138 84	
4	245	298	546 5	285 205 224 80	97	280	398 5	137 57 222 80	
5	206	351	507 5	234 178 304 56	119	760	420 5	148 90 302 58	X-Siemann
				360				360	
								360	
								720	
	997	896			541	358			
	541	358							
	4456	538							
BM101-117									BM101-117B (U.S.C.&G.S 1938 SAHARA No. 3) Along S.P.R.R. & Sierra Hwy., 0.3 mi S. of Mile Post 411
									see F.B. ~~2410~~ 3735 - 247

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-21-68 TIME 10:00 to 10:35 ROD NO. 9419

INDEXED E.J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 21 69

WEATHER Sunny & Clear INST. NO. 96716

75°

F.B. 3787 PG 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM101-117B TO BM101-118
BM101-117B									BM101-117B (U.S.C.&G.S. SAHARA No. 3, 1938) Along S.P.R.R.& Sierra Hwy., ± 0.3 mi. So. of Mile Post 411
1	101	354	402 5	141 / 61 80	221	243	522 5	261 / 181 80	
2	84	719	385 5	123 / 45 78	226	749	527 5	265 / 187 78	See. F. B. 3735-247
3	85	731	386 5	120 / 50 158 / 70	152	053	453 5	186 / 118 158 / 68	
4	172	030	473 5	215 / 129 228 / 86	74	622	375 5	117 / 31 226 / 86	
5	35	432	336 5	60 / 10 314 / 50	261	354	562	286 / 236 312 / 50	K-Siemann
				364 ✓				362 ✓	
								364 ✓	
	479	266 ✓			936	021 ✓		726 ✓	
					479	266 ✓			
					456	755 ✓			
BM101-118									BM101-118 Along S.P.R.R.& Sierra Hwy., ± 280 Ft. So. of Semafore No. 4108
									See F.B. 2410-37

76°

F.B. 3787 PG. 136 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

INDEXED C. J. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 1:20 to 1:45 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 31 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-117B TO BM101-117A
BM101-117B									BM 101-117B (SAHARA No. 3
				148				111	U.S.C. & G.S. 1938)
1	141	385	442	134 14	104	749	405 5	97 14	Along S.P.R.R. & Sierra Hwy.,
	104	749						14	0.3 mi. S. of Mile Post 411
	+ 36	636						28	See F.B. 3735-247
									π-Siemann
BM101-117A									BM 101-117A (SAHARA No. 4) U.S.C. & G.S. 1938, Along S.P.R.R. & Sierra Hwy., 0.3 mi. S. of Mile Post 411
									See F.B. 3735-245

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 Maldonado DATE 11-21-68 TIME 10:35 to 10:40 ROD NO. 9 & 19

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

76°

F.B. 3787 Pg. 137

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 BM101-117A TO BM101-117B
BM 101-117A									BM 101-117A (U.S.C.&G.S. 1938 SAHARA
				114 ✓				150	No. 4) Along S.P.R.R. & Sierra
1	107	329	408 5	100 14	143	953	444	136 14	Hwy., ± 0.3 mi. So. of Mile
					107	329 ✓		14	Post 411
								28	see F.B. 3735-245
					36	624 ✓			
									K-Siemann
BM101-117B									BM 101-117B (U.S.C.&G.S. SAHARA No. 3, 1938) Along S.P.R.R. & Sierra Hwy., ± 0.3 mi. S. of Mile Post 411
									See F.B. 3735-247

F.B. 3787 PG. 138 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 1:15 to 1:20 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

76°

760

F.B. 3787 Pg. 139

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 Maldonado DATE 11-21-68 TIME 10:40 to 10:45 ROD NO. 9519

INDEXED C.J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 21 69

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 101-117A TO BM 101-117
BM 101-117A				114				125	BM 101-117A (U.S.C.&G.S. 1938 SAHARA No. 4) Along S.P.R.R. & Sierra Hwy., 0.3 mi. S. of Mile Post 411
1	108	561	409	102 12	120	212	421 5	115 10	FB 3735-245
					108	561		12	
					116	51		22	
									π-Siemann
BM 101-117									BM 101-117 (U.S.C.&G.S. SAHARA 1938) Along S.P.R.R. & Sierra Hwy., 0.3 mi. S. of Mile Post 411
									See F.B. 2410-36

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 BM101-117 TO BM101-117A
BM101-117									BM101-117 (U.S.C.&G.S. SAHARA)
				127				116	Along S.P.R.R. & Sierra Hwy.
1	122	553	423 5	117 10	110	910	411 5	104 12	± 0.3 mi. So. of Mile Post 411.
	110	910						10	
								22	See F.B. 2410-36
	+ 11	643							
									K-Siemann
BM101-117A									BM101-117A (U.S.C.&G.S. SAHARA No. 4) Along S.P.R.R. & Sierra Hwy. ± 0.3 mi. So. of Mile Post 411. See F.B. ~~2410~~ 3735 - 245

76°

WEATHER Sunny & clear INST. NO. 96716

TIME 1:10 to 1:15 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 [illegible]

F.B. 3787 PG. 140 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-117 TO BM101-116
									BM 101-117 (U.S.C.&G.S. SAHARA)
				171				217	Along S.P.R.R. & Sierra Hwy.,
1	150	209	451.5	129 42	195	349	496 5	173 44	0.3 mi. S. of Mile Post 411
				~~279~~	150	209		42	
~~2~~	~~241~~	~~240~~	~~542.5~~	~~203~~ 76				86	see F.B. 2410-36
					45	140			
									K-Siemann
BM101-116									BM 101-116 (U.S.C.&G.S. S-425 1934) Along S.P.R.R. & Sierra Hwy., ± 0.3 mi. S. of Mile Post 411
									See F.B. 2410-36

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

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 11-21-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear 78° INST. NO. 96716

TIME 10:45 to 10:50 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

F.B. 3787 PG. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-116 TO BM 101-117
BM101-116									BM101-116 (U.S.C.&G.S. S-425, 1935) Along S.P.R.R. & Sierra Hwy. ± 0.3 mi. S. of Mile Post 411, ± 0.5 mi. N. of Ave. "P"
				214				169	
1	193	221	494	172 42	148	071	449 5	127 42	
	148	071						42	
								84	
	+ 45	150							See F.B. 2410-36
									K-Siemann
BM101-117									BM101-117 (U.S.C.&G.S. SAHARA) Along S.P.R.R. & Sierra Hwy., ± 0.3 mi. So. of Mile Post 411
									See F.B. 2410-36

76°

F.B. 3787 Pg. 142 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

INDEXED C. J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:05 to 1:10 ROD NO. 9819

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.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-116 TO BM 101-115
BM 101-116									BM 101-116 (U.S.C.&G.S. S-425
				279				179	Along S.P.R.R. & Sierra Hwy., 1935)
1	241	240	542 5	203 76	141	270	442 5	103 76	± 0.3 mi. S. of Mile Post 411,
				198				159	± 0.5 mi. N. of Ave. P.
2	170	741	471 5	142 56	~~2~~ 1 31	284	~~5~~ 4 32 5	103 56	See F.B. 2410-36
				132				132	
								132	
	411	981 ✓			~~3~~ 2 72	554 ✓		264	
	272	554 ✓							K-Siemann
	+139	427 ✓							
				Re-Run					
BM 101-116			Sunny & Clear		11-27-68	11:00 to 11:10	Temp: 54°		
				262				162	
1	228	050	529 5	194 68	129	129	430 5	96 66	
				213				173	
2	181	497	482 5	149 65	140	820	441 5	107 66	
				133 ✓				132 ✓	
	409	547 ✓			269	949 ✓		133 ✓	
	269	949 ✓						265 ✓	
	+139	598 ✓							
BM 101-115									BM 101-115 (U.S.C.&G.S. T-425, 1935) Along S.P.R.R. & Sierra Hwy., 04 mi. ± N. of Ave. "P",
									See F.B. 2410-36

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

SURVEY BY G.E. Dreier WEATHER Sunny & Clear INST. NO. 96711

NOTES BY Maldonado DATE 11-21-68 TIME 10:50 to 11:00 ROD NO. 9819

INDEXED E.J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 21 69

F.B. 3787 PG. 143

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 BM101-115 TO BM101-116
									BM 101-115 (U.S.C.&G.S. T-425, 1935) Along S.P.R.R. & Sierra Hwy., ±0.4 mi. No. of Ave. "P"
1	137	900	438 5	175 99 76	189	244	490 5	227 151 76	
2	112	090	413 5	140 84 56	200	464	501 5	227 173 54	See F.B. 2410-36
				132				130	
								132	
	249	990			389	708		262	
					249	990			
					139	718			
									T-Siemann
	11-27-68	Sunny & Clear		Re-Run	11:45 to			Temp. 56°	
1	163	320	464 5	194 132 62	205	202	506 5	236 174 62	
2	140	521	441 5	175 105 70	238	271	539 5	273 203 70	
				132				132	
								132	
	303	841			443	473		264	
					303	841			
					139	632			
BM 101-116									BM 101-116 (U.S.C.&G.S. S-425 1935) Along S.P.R.R. & Sierra Hwy. ± 0.3 mi. So. of Mile Post 411, ± 0.5 mi. N. of Ave. "P". See F.B. 2410-36

78°

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:45 to 12:00 ROD NO. 9849

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 Pg. 144 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

INDEXED C. A. 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 11-21-68

INDEXED G.L. GALLI DATE

WEATHER Sunny & Clear

TIME 11:20 to 11:30

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9819

F.B. 3787 Pg. 145

76°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 101-115 TO BM 101-114
BM 101-115									BM 101-115 (U.S.C.&G.S. T-425, 1935)
				187				204	Along S.P.R.R. & Sierra Hwy.,
1	150	458	451	113 74	167	624	466 5	130 74	0.4 mi. ± N. of Ave. "P"
				187				208	
2	159	677	460 5	~~129~~ 131 56	180	696	481 5	152 56	See F.B. 2410-36
				132				130	
								130	
	310	135			348	320		260	
					310	135			
					-38	185			
									π-Siemann
	11-27-68 Sunny & Clear				Re-Run		11:10 to 11:15	Temp. 56°	
				168				190	
1	134	638	435 5	100 68	157	970	458 5	124 66	
				198				213	
2	166	112	467 5	134 64	180	969	481 5	147 66	
				132				132	
								132	
	300	750			338	939		264	
					300	750			
					-38	189			
BM 101-									BM 101-114 (U.S.C.&G.S. U-425, 1935)
									Along S.P.R.R. & Sierra Hwy., 0.2 mi. ±
									N. of Ave "P"
									See F.B. 2410-36

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 BM101-114 TO BM101-115
BM101-114									BM 101-114 (U.S.C.&G.S. U-425, 1935) Along S.P.R.R. & Sierra Hwy. ±0.2 mi. N. of Ave. "P" See F.B. 2410-36
1	172	007	473.5	208 136 72	132	115	433.5	169 95 74	
2	161	381	462.5	190 132 58	163	300	464.5	191 135 56	
				130				130	
								130	
								260	
	333	388			295	415			
	295	415							
	+037	973							
									T-Siemann
	Sunny & Clear 11-27-68 Re-Run 11:15 to Temp. 56°								
1	182	665	483.5	214 150 64	167	858	468.5	199 135 64	
2	157	109	458.5	190 124 66	133	771	434.5	166 100 66	
				130				130	
								130	
								260	
	339	774			301	629			
	301	629							
	+38	145							
BM101-115									BM 101-115 (U.S.C.&G.S. T-425, 1935) Along S.P.R.R. & Sierra Hwy, ± 0.4 mi. N. of Ave. "P." See F.B. 2410-36

78°

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:35 to 11:85 ROD NO. 9819

NOTES CHKD. [signature] DATE JAN 21 69

F.B. 3787 PG. 146 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

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 BM101-114 TO BM101-113
									BM 101-114 (U.S.C.&G.S. V-425, 1935
				187				132	Along Sierra & S.P.R.R., 0.2 mi. ± N. of
1	148	347	449 5	109 78	95	515	396 5	58 74	Ave. "P"
				168				119	See F.B. 2410-36
2	143	785	444 5	118 50	93	330	394 5	67 52	
				128 ✓				126 ✓	
								128 ✓	
	292	132 ✓			188	845 ✓		254 ✓	
	188	845 ✓			~~103~~	~~287~~			π-Siemann
	+103	287 ✓							
BM101-113									BM101-113 (U.S.C.&G.S. V-425, 1935
									Along S.P.R.R. & Sierra Hwy., 0.2 mi.
									± N. of Ave. P.
									See F.B. 2410-9

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

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

NOTES BY Maldonado DATE 11-21-68 TIME 11:30 to 4:45 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD. [signature] DATE JAN 21 1969

76°

F.B. 3787 PG. 147

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 BM101-113 TO BM101-114
BM101-113									BM101-113 (U.S.C.&G.S. V-425 1935) Along S.P.R.R. & Sierra Hwy. 0.2 mi. N. of Ave. "P" see F.B. 2410-9
1 ~~72~~	72 ~~202~~	702	373 5	109 72 (1) 274	204	211	505 5	242 166 76	
2	144	291	445 5	170 118 52 126 ✓	116	092	417 5	142 90 52 128 ✓ 126 ✓ 254 ✓	
	216	993 ✓			320	303 ✓			
					216	993 ✓			
					103	310 ✓			
									K-Siemann
BM101-114									BM101-114 (U.S.C.&G.S. U-425, 1935) Along S.P.R.R. & Sierra Hwy. ±0.2 mi. N. of Ave. "P" see F.B. 2410-36

76°

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:25 to 11:35 ROD NO. 98 19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 3787 PG. 148 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 11-22-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-113 TO BM101-112A
BM101-									BM 101-113 (U.S.C.&G.S. V-425, 1925)
				241				116	Along Sierra Hwy. & S.P.R.R., 0.2 mi.
1	197	895	498 5	153 88	71	970	372 5	25 90	± N. of Ave. "P"
	71	970						88	See F.B. 2410-9
	+125	925						178	
									K-Siemann
BM101-112A									BM 101-112A (U.S.C.&G.S. A-1000, 1925) Along S.P.R.R. & Sierra Hwy. 700 Ft. ± N. of Ave. "P", ±25 Ft. S. of Mile Post 412
									See F.B.

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

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

NOTES BY Maldonado DATE 11-21-68 TIME 11:45 12:00 ROD NO. 9819

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

76°

F.B. 3787 PG. 49

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 BM101-112A TO BM101-113
BM101-112A									BM 101-112A (U.S.C.&G.S A-1000, 1958)
				114				240	Along S.P.R.R. & Sierra Hwy., 700 Ft.
1	69	913	3705	24 90	195	803	496 5	150 90	± N. of Ave. "P", 25 Ft. ± S. of
					69	913		90	Mile Post 411.
					125	890		180	See F.B. 2410-
BM101-113									BM 101-113 (U.S.C.&G.S V-425, 1935) Along S.P.R.R. & Sierra Hwy., 0.2 mi. ± N. of Ave. "P". See F.B. 2410-9

76°

F.B. 3787 PG. 150 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Preier NOTES Maldonado 16-22-68

INDEXED C.L. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 11:15 to 11:25 ROD NO. 9416

NOTES CHKD [illegible] DATE JAN 21 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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-112A TO B.M. 101-111
B.M. 101-112 A							B.M. 101-112 A (U.S.C.&G.S. A-1000 1958)
1	164 607	465 5	201 127 74	155 460	456 5	193 117 76	S.P.R.R. ABOUT 700' N. OF AVE P.
							SEE F.B. 2410-35
2	48 433	349 5	63 33 30	117 386	418 5	132 102 30	
			104			106	✓ π = MOORE
						104	
B.M. 101-111	213 040	✓		272 846	✓	210	B.M. 101-111 (U.S.C.&G.S. W-425)
				213 040	✓		S.P.R.R. & AVE. P.
				59 806	✓		SEE F.B. 2410-35

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

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

NOTES BY SIEMANN DATE 11-21-68 TIME 1:20 TO 1:25 ROD NO. 9819

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

T-76°

F.B. 3787 PG. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716
ROD NO. 2419
DATE 11-22-68
NOTES CHKD
TIME 11:05 TO 11:15
WEATHER SUNNY, CLEAR 740

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-111 TO B.M. 101-112A
B.M. 101-111									B.M. 101-111 (U.S.C.&G.S. W-425)
1	157	545	458 5	182 132 50	107	536	408 5	132 82 50	S.P.R.R. & N. OF AVE P.
									SEE F.B. 2410-35
2	135	246	436 5	163 107 56 106	125	492	426 5	153 97 56	
								106 ✓	T = MOORE
								106 ✓	
B.M. 101-112A	292	791 ✓			233	028 ✓		212	B.M. 101-112A (U.S.C.&G.S. A-1000)
	233	028 ✓							S.P.R.R. 0.2 MI. N. OF AVE P.
	+59	763 ✓							SEE F.B. 2410-35

F.B. 3787 Pg. 152
JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY BREIER NOTES SIGMANN 11-22-68
INDEXED C.A. CALLI 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 — F.B. 3787 Pg. 53
SURVEY BY C.E. DREIER — WEATHER CLEAR 76° — INST. NO. 96716
NOTES BY SIEMANN — DATE 11-21-68 — TIME 1:30 TO 1:42 — ROD NO. 9618
INDEXED C.J. GALL — DATE — NOTES CHKD. [illegible] — DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.101-111 TO B.M.101-110
B.M.101-111							B.M.101-111 (U.S.C.&G.S. W-425
1	225 039	526 5	250 200 50	136 334	437 5	161 111 50	S.P.R.R. & N. OF AVE. P
							SEE F.B. 2410-35
2	153 130	454 5	173 133 40	160 324	461 5	180 140 40	
			90			90	T = MOORE
						90	
B.M.101-110	378 169 ✓			296 658 ✓		180	B.M.101-110 (U.S.C.&G.S. X-425
	296 658 ✓						S.P.R.R. & S. OF AVE. P.
	81 511 ✓						SEE F.B. 2410-35

F.B. 3787 PG. 154 | JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-22-68

INDEXED [illegible] DATE

T=74°

WEATHER SUNNY CLEAR ANST. NO 96716

TIME 10:55 TO 11:05 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 21 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-110 TO B.M. 101-111
B.M. 101-110									B.M. 101-110 (U.S.C. & G.S. X-425)
1	155	580	456	186 / 122 64	163	000	464	195 / 131 64	S.P.R.R. S. OF AVE P.
									SEE F.B. 2410-35
2	91	259	392	104 / 78 26 / 90 ✓	165	242	466	177 / 153 24 / 88 ✓ / 90 ✓	T = MOORE
B.M. 101-111	246	839 ✓			328	242 ✓		178	B.M. 101-111 (U.S.C. & G.S. W-425)
					246	839 ✓			S.P.R.R. N. OF AVE P
					- 81	403 ✓			SEE F.B. 2410-35

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-110 TO B.M. 101-109
B.M. 101-110									B.M. 101-110 (U.S.C.&G.S. X-425)
1	143	717	444 5	189 97 92	169	827	470 5	214 124 90	S.P.R.R. & S. OF AVE. P.
									SEE F.B. 2410-35
2					143	717			π = MOORE
								92	
B.M. 101-109					+26	110		182	B.M. 101-109 (U.S.C.&G.S. Y-425)
									S.P.R.R. ABOUT 0.05 MI. S. OF AVE P.
									SEE F.B. 2410-35

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

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

NOTES BY SIEMANN DATE 11-21-68 TIME 1:40 To 1:45 ROD NO. 9619

INDEXED C.J. GALLI DATE NOTES CHKD [signature] DATE JAN 21 69

F.B. 3787 Pg. 155

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-109 TO B.M. 101-110
B.M. 101-109									B.M. 101-109 (U.S.C. & G.S. Y-425)
1	174	999	475 5	208 140 68	161	180	462 5	195 127 68	S.P.R.R. ABOUT 0.10 MI. S. OF AVE P.
									SEE F.B. 2410-35
2	149	792	450 5	161 137 24	137	478	438 5	149 125 24	
				92				92	π = MOORE
								92	
B.M. 101-110	324	791			298	658		184	B.M. 101-110 (U.S.C. & G.S. X-425)
	298	658							S.P.R.R. S. OF AVE P
	+26	133							SEE F.B. 2410-35

74°

WEATHER SUNNY, CLEAR INST. NO. 96716

TIME 10:45 TO 10:50 ROD NO. 9819

NOTES CHKD [signature] DATE JAN 21 '68

F.B. 3787 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-22-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-109 TO B.M. 101-108
B.M. 101-109									B.M. 101-109 (U.S.C. & G.S. Y-425)
1	126	166	427 5	154 98 56	141	228	442 5	170 112 58	S.P.R.R. ABOUT ~~0.05~~ 0.10 MI. S. OF AVE P
									SEE F.B. 2410-35
2	161	138	462 5	179 143 36	196	412	497 5	213 179 34	
				92				92	⊼: MOORE
								92	
B.M. 101-108	287	304			337	640		184	B.M. 101-108 (U.S.C. & G.S. Z-425)
					287	304			S.P.R.R. ABOUT ~~0.15~~ 0.20 MI. S. OF AVE P.
					-50	336			SEE F.B. 2410-34

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 74°

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

NOTES BY SIEMANN DATE 11-21-68 TIME 1:45 TO 1:55 ROD NO. 9019

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

F.B. 3787 PG. 157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-108 TO B.M. 101-109
B.M. 101-108									B.M. 101-108 (U.S.C.&G.S. Z-425)
1	191	585	492 5	231 151 80	154	295	455 5	189 119 80	S.P.R.R. ABOUT 0.20 MI. S. OF AVE P.
									SEE F.B. 2410-34
2	131	378	432 5	141 121 20	118	282	419 5	128 108 20	
				100				100	π = MOORE
								100	
B.M. 101-109	322	963			272	577		200	B.M. 101-109 (U.S.C.&G.S. Y-425)
	272	577							S.P.R.R. ABOUT 0.10 MI. S. OF AVE P
	+ 50	386							SEE F.B. 2410-35

F.B. 3787 PG. 158 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-22-68

INDEXED C.L. GALLI DATE

WEATHER SUNNY, CLEAR 74° INST. NO. 96716

TIME 10:38 TO 10:45 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-108 TO B.M.101-107
B.M.101-108									B.M.101-108 (U.S.C.&G.S. Z-425)
1	211	547	512 5	244 178 66	117	320	418 5	150 84 66	S.P.R.R. ABOUT 0.20 MI. S. OF AVE P
									SEE F.B. 2410-34
2	117	320							π: MOORE
								66	
B.M.101-107	+94	227						132	B.M.101-107 (U.S.C.&G.S. P-487)
									S.P.R.R. & SIERRA HWY.
									SEE F.B. 2410-34

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

SURVEY BY G.E. PREIER

NOTES BY SIEMANN DATE 11-21-68

INDEXED [illegible] DATE

WEATHER 74° SUNNY, CLEAR INST. NO. 96716

TIME 1:55 TO 2:00 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 PG. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-107 TO B.M. 101-108
B.M. 101-107									B.M. 101-107 (U.S.C.&G.S. P-487)
1	114	168	415 5	146 82 64	208	490	509 5	239 177 62	S.P.R.R. & CONC. CULVERT
									SEE F.B. 2410-34
									π = MOORE
					114	168		64	
B.M. 101-108					-94	322		126	B.M. 101-108 (U.S.C.&G.S. Z-425)
									S.P.R.R. ABOUT 0.70 MI. S. OF AVE. P.
									SEE F.B. 2410-34

F.B. 3787 Pg. 160 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 11-22-68

INDEXED C. J. GALLI DATE

WEATHER SUNNY CLEAR 76° INST. NO. 96716

TIME 10:30 TO 10:35 ROD NO. 9619

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-107 TO B.M. 101-106
B.M. 101-107									B.M. 101-107 (U.S.C.&G.S. P-487)
1	134	098	435 5	168 108 68	142	949	443 5	176 108 68	S.P.R.R. & CONC. CULVERT.
									SEE F.B. 2410-34
2	184	736	485 5	214 154 60	154	348	455 5	184 124 60	
				128				128	π = MOORE
								128	
B.M. 101-106	318	834			297	297		256	B.M. 101-106 (U.S.C.&G.S. B-426)
	297	297							S.P.R.R. 0.1 MI. N. OF SIERRA HWY.
	+21	537							CROSSING. SEE F.B. 2410-34

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 11-22-68

INDEXED C. L. GALLI DATE

WEATHER SUNNY, CLEAR 74°

TIME 10:10 TO 10:20

NOTES CHKD [signature] DATE

INST. NO. 96716

ROD NO. 9019

F.B. 3787 PG. 161

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. 3787 Pg. 162 | JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY PREVER NOTES SIEMANN 11-21-68
INDEXED [illegible] DATE
NOTES CHKD [illegible] DATE JAN 21 69
WEATHER CLEAR INST. NO. 26716
TIME 2:15 TO 2:30 ROD NO. 9818
74°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-106 TO B.M.101-107
B.M.101-106				184				211	B.M.101-106 (U.S.C. & G.S. B-426)
1	153	556	454	5 122 62	180	987	481	5 149 62	S.P.R.R. O.I.MI. N. OF SIERRA HWY
									CROSSING. SEE F.B. 2410-34
2	143	792	444	5 176 110 66	138	040	439	5 171 105 66	
				128	✓			128 ✓	π = MOORE
								128 ✓	
B.M.101-107	297	348	✓		319	027	✓	256	B.M.101-107 (U.S.C.&G.S. P-487)
					297	348	✓		S.P.R.R. & CONC. CULVERT.
					21	679	✓		SEE F.B. 2410-34

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 BM101-106 TO BM 101-104
BM101-106							B.M. 101-106 (U.S.C.&G.S B-426 1935)
1	239 818	540.5	289 / 189 100	9 358 / 38 ~~958~~	40 / 3~~36~~ 5	189 / 39 100	SPRR. 0.1 MI. N. OF SIERRA HWY. CROSSING
							SEE F.B. 2410-34
2	177 640	478 5	206 / 148 58	144 900 / ~~871~~	445 5	173 / 115 58	
			158			158	π-SIEMANN
						158	
	417 458			184 258		316	
	184 258						
B.M. 101-104	+233 200						B.M. 100-104 (USC&GS D-426) 1935
							SPRR & 6TH ST. EAST
							SEE F.B. 2410-33
	10:35 TO 10:45		RERUN	12-4-68	T=57°		
BM101-106							
1	211 069	512 5	241 / 181 60	91 502	392 5	120 / 62 58	
2	236 984	537 5	266 / 206 60	131 287	432 5	162 / 100 62	
			120			120	
3	177 310	478 5	196 / 158 38	169 194	470.5	187 / 151 36	
BM101-104	625 363		158	391 983		156	
	391 983					158	
	+233 380					314	

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

SURVEY BY G.E. DREIER

NOTES BY MOORE DATE 11-27-68

INDEXED C.J. GALLI DATE

WEATHER SUNNY T-62

TIME 1:30 TO 1:40

NOTES CHKD [illegible] DATE JAN 21 69

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3787 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 BM 101-104 TO BM 101-106
B.M. 101-104									B.M. 101-104 (USC&GS D-426 1935)
1	159	758	460 5	200 / 178 82	200	231	501 5	240 / 166 80	SPRR & 6TH ST EAST
									SEE F.B. 2410-33
2	41	217	342 5	79 / 5 74	234	229	535 5	272 / 196 76	
				156				156	✓ T-R. SIEMANN
								156	✓
	200	975			434	460		312	
					200	975			
B.M. 101-106					233	485			B.M. 101-106 (U.S.C.&G.S. B-426 1935)
									S.P.R.R. 0.1 MI. N. OF SIERRA
	RERUN 12-4-68 T-54° 10.45 TO 10.55								HWY. CROSSING
BM. 101-104									SEE F.B. 2410-34
1	168	319	469 5	186 / 150 36	174	850	475 5	192 / 156 36	
2	130	706	431 5	160 / 100 60	225	920	526 5	255 / 195 60	
				96				96	
3	79	849	380 5	110 / 48 62	211	530	512 5	242 / 180 62	
				158				158	
BM 101-106	378	874			612	300		158	
					378	874		316	
					233	426			

F.B. 3787 Pg. 164 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. MOORE 12-4-68

INDEXED C.J. GALLI DATE

WEATHER SUNNY T-46 INST. NO. 96716

TIME 9:35 TO 9:45 ROD NO. 9-19

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 T-62
SURVEY BY G.E. DEELER WEATHER SUNNY INST. NO. 26716
NOTES BY MOORE DATE 11-27-65 TIME 1:45 TO 1:50 ROD NO. 9812
INDEXED G.L.GALLI DATE NOTES CHKD. DATE
F.B. 3787 Pg 65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M.101-104 TO B.M-101-103
B.M.101-104									B.M. 101-104 (U.S.C & G.S. D-426) 1935
1	224.394		525.5	255 193 62	112.292		413.5	193 81 62	S.P.R.R. & 6th ST. EAST
	112.292							62 124	SEE F.B. 2410-33
☆	+112.102								T-SIEMANN
B.M.101-103									B.M. 101-103 (USC&GS E 426) 1935
									SPRR & 6TH ST. EAST
									1 POLE N OF MILE POLE 413
									SEE F.B. 2410-33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-103 TO B.M. 101-104
B.M. 101-103									B.M. 101-103 (U.S.C & G.S. E-426) 1935
1	107	281	408 5	138 76 62	219	322	520 5	250 188 62	S.P.R.R. & 6th. ST. EAST
					107	281		62	SEE F.B. 2410-33
					-112	041		124	1 POLE N OF MILE POLE 413
									T-R. SIEMANN
B.M. 101-104									B.M. 101-104 (USC&GS D-426 1935) SPRR & 6TH ST EAST SEE F.B. 2410-33

F.B. 3787 Pg. 166 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES R. MOORE 12-4-68

INDEXED C.J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME 9:30 TO 7:35 ROD NO. 9019

NOTES CHKD [signature] DATE JAN 21 68

T-46

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-103 TO B.M. 101-102
B.M. 101-103									B.M. 101-103 (U.S.C.&G.S. E-426)
1	208	239	509 5	240 176 64	76	489	377.5	108 44 64	S.P.R.R. & 6th ST. EAST.
	76	489						64	SEE F.B. 2410-33
	~~284~~	~~728~~						128	1 POLE N. OF MILEPOLE 413
	131	750							
									π - SIEMANN
B.M. 101-102									B.M. 101-102 (USC&GS F 426 1935)
									S.P.R.R. & 6TH ST. EAST
									SEE F.B. 2410-33

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

SURVEY BY G.E. DREIER

NOTES BY R. MOORE DATE 11-27-68

INDEXED C. J. GALLI DATE

WEATHER SUNNY T-62° INST. NO. 96716

TIME 1:50 TO 1:55 ROD NO. 9 & 17

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-102 TO B.M. 101-103
B.M. 101-102									B.M. 101-102 (U.S.C.&G.S. F. 426) 1935
1	75	036	376 5	107 43 64	206	851	507 5	238 174 64	S.P.R.R. & 6th. ST. EAST
					75	036		64	SEE F.B. 2410-33
					-131	815		128	
									T - R. SIEMANN
BM. 101-103									B.M. 101-103 (U.S.C.&G.S. E-426 1935)
									S.P.R.R. & 6TH ST. EAST
									SEE F.B. 2410-33
									1 POLE N. OF MILE POLE 413

F.B. 3787 PG. 168 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES R. MOORE 12-4-68

INDEXED C. L. GALLI DATE

WEATHER SUNNY T-46° INST. NO. 96716

TIME 9:25 TO 9:30 ROD NO. 9819

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 B.M. 101-102 TO B.M. 101-101
B.M. 101-102									B.M. 101-102 (U.S.C. & G.S. F-426 1935)
1	212	633	513 5	245 179 66	111	977	412 5	144 78 66	S.P.R.R. & 6th. ST. EAST. @ AVE P-14
	111	977						66	SEE F.B. ~~101~~ 2410-33
	+100	656						132	
									π - SIEMANN
B.M. 101-101									B.M. 101-101 (U.S.C. & G.S. G-426 1935)
									S.P.R.R. & 6TH ST. EAST
									SEE F.B. 2410-33

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

SURVEY BY G.E. DREIER

NOTES BY MOORE DATE 11-27-68

INDEXED E.J. GALLI DATE

WEATHER SUNNY T-62° INST. NO. 96716

TIME 1:55 TO 2:00 ROD NO. 9E19

NOTES CHKD [signature] DATE JAN 21 69

F.B. 3787 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-101 TO B.M. 101-102
B.M. 101-101									B.M. 101-101 (U.S.C.&G.S. G-426 1935)
1	111	550	412 5	44 ~~78~~ 66	212	210	513 5	245 179 64	S.P.R.R. & 6th ST. EAST.
					111	550 ✓		66	SEE F.B. 2410-33
					100	660 ✓		~~136~~ 132	π-R. SIEMANN
B.M. 101-102									B.M. 101-102 (USC&GS F 426 1955)
									SPRR & 6TH ST. EAST
									SEE F.B. 2410-33

F.B. 3787 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 11-4-68

INDEXED C.T. GALLI DATE

WEATHER SUNNY T=46° INST. NO. 96716

TIME 9:10 TO 9:15 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 21 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-101 TO B.M. 118-3A
B.M. 101-101									B.M. 101-101 (U.S.C. & G.S. G-426) 1935
1	273	408	5745	303 243 60	116	011	417 5	146 86 60	S.P.R.R. & 6th ST. EAST.
	116	011	✓					60	SEE F.B. 2410-33
	+157	397	✓					120	~~S OF SEMAPHORE #~~
									T-R-SIEMANN
B.M. 118-3A									B.M. ~~101~~ 118-3A (USC&GS PALMDALE-2 1958) ALONG SPRR 10' ± S OF SEMAPHORE # 4132 & 60' ± W OF ~~RR. TRACK~~ W. RAIL SEE F.B.

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

SURVEY BY G.E. ORE RD

NOTES BY MOORE DATE 11-27-66

INDEXED C.J. GALLI DATE

WEATHER SUNNY T-62°

TIME 2:00 TO 2:05

NOTES CHKD [illegible] DATE

INST. NO 96716

ROD NO 9 & 19

F.B. 3787 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 118-3A TO B.M. 101-101
B.M. 118-3A									B.M. 118-3A (USC&GS PALMDALE 2 1958)
	113	162	414 5	143 / 83 60	270	631	571 5	300 / 240 60	
					113	162		60	ALONG SP RR 10' ± S. OF SEMAPHORE
					-157	469		120	# 4132 & 60' ± W. OF. W. RAIL
									SEE F.B. 2410-32A
									T-R. SIEMANN
B.M. 101-101									B.M. 101-101 (U.S.C.&G.S. G-426 1935)
									S.P.R.R. & 6TH ST. EAST
									SEE F.B. 2410-33

F.B. 3787 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES MOORE 12-4-68

INDEXED C.L. GALLI DATE

WEATHER SUNNY T-46° INST. NO. 96716

TIME 9:05 TO 9:10 ROD NO. 9819

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. ~~[illegible]~~ 118-3A TO BM 118-3
B.M. 118-3A	125	012	426 5	138 112 26	155	517	456 5	167 143 24	B.M. 118-3A (USC&GS PALMDALE-2 1958)
	~~155~~	~~517~~			125	012		26	ALONG SPRR 10' ± S. OF SEMAPHORE # 4132
	~~69~~	~~495~~			-30	505		50	& 60' ± W OF RAIL SEE F.B. ~~[illegible]~~ 2410-32
B.M. 118-3									B.M. 118-3 (USC&GS H 426 1935)
									ALONG SPRR 30' ± S OF SEMAPHORE # 4133
									& 30' ± E. OF RAIL SEE F.B. ~~[illegible]~~ 138-8
									π - R. SIEMANN

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

SURVEY BY G. E. DREIER

NOTES BY MOORE DATE 11-27-68

INDEXED C. J. GALLI DATE

WEATHER SUNNY 5-60° INST. NO. 96716

TIME 2:05 TO 2:10 ROD NO. 9 & 19

NOTES CHKD [signature] DATE

F.B. 3787 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 BM 118-3 TO BM 118-3A
BM 118-3									BM 118-3 (U.S.C.&G.S. H-426, 1935) Along S.P.R.R. & 30'± S. of Semafore #4133 & 30 Ft. E. of E. Rail
				145				116	
1	134	994	435 5	123 22	104	522	405	92 24	
	104	522						22	See F.B. ~~[illegible]~~ 138-8
	30	472						46	
									X-Siemann
BM 118-3A									BM 118-3A (U.S.C.&G.S. PALMDALE 1958) Along S.P.R.R. 10 Ft.± S. of Semafore #4132 & 60 Ft.± W. of W. Rail See F.B. 2410-32A

F.B. 3787 Pg. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net 12-3-68

SURVEY BY Drejer NOTES Maldonado

INDEXED C. J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 2:20 to 2:35 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

3780

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 118-3 TO B.M. 101-100
B.M. 118-3									B.M. ~~101~~ 118-3 (USC&GS H-426 1935)
1	170	853	471 5	202 138 64	114	472	415 5	144 82 62	ALONG SPRR 30' ± S OF SEMAPHORE #4133
	114	472						64	& 30' ± E OF RAIL SEE F.B. ~~2410-32~~ 138-8
	+56	381						126	π-SIEMANN
B.M. 101-100									B.M. 101-100 (U.S.C.&G.S. J-426 1935)
									ALONG S.P.R.R. 0.45 N. PALMDALE STA.
									SEE F.B. 2410-32

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

SURVEY BY G.E. DREIER

NOTES BY MOORE DATE 11-27-68

INDEXED C. L. GALLI DATE

WEATHER SUNNY T-60° INST. NO. 96716

TIME 2:10 to 3:15 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-100 TO BM 118-3
BM101-100									BM101-100 (U.S.C.&G.S. J-426, 1935) S.P.R.R. 0.45 MI. N. OF PALMDALE STA. ~~SEE~~ See F.B. 2410-32
1	106	748	407 5	140 72 68	163	178	464 5	194 ~~134~~ 129 68 68 136	
					106	748			
					-56	430			
									X-Siemann
BM ~~101~~ 118-3									BM ~~101~~ 118-3 (U.S.C.&G.S. H-426, 1935) S.P.R.R. 30'± S. OF SEMAPHORE # 4133 & 30'± E OF E. RAIL See F.B. 2410-32

58°

F.B. 3787 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 2:10 to 2:20 ROD NO. 5819

NOTES CHKD [illegible] DATE [illegible]

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

603 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 7787 Pg 177

SURVEY BY G.E. DREIER — WEATHER SUNNY, CLEAR — TEMP. 48° — INST. NO. 96716

NOTES BY SIEMANN — DATE 12-2-68 — TIME 7:15 TO 9:17 — ROD NO. 9 & 12

INDEXED E.J. GALLI — DATE — NOTES CHKD [illegible] — DATE 12-6-68

STATION	BACKSIGHT			FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA		FROM B.M.101-100 TO B.M.101-99
B.M.101-100								B.M.101-100 (U.S.C.&G.S. J 426 1935) S.P.R.R. & 0.45 MI. N. OF PALMDALE STATION SEE F.B. 2410-32
1	195820	496 5	228 162 66	118 834	419 5	150 86 64		π = MOORE
	118834						66	
B.M.101-99	+76986						130	B.M.101-99 (U.S.C.&G.S. K-426 1935) S.P.R.R. & 0.4 MI. N. OF PALMDALE STA. SEE F.B. 2410-32

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 BM101-99 TO BM101-100
BM 101-99									BM 101-99 (U.S.C.&G.S. K-426, 1935) S.P.R.R. 0.4 Mi N of PALMDALE STATION.
				150				226.	
1	117	446	418 5	84 66	194	390	495 5	162 64	
					117	446		66	See F.B. 2410-
					- 76	944		130	
									T - Moore
BM 101-100									BM 101-100 (U.S.C.&G.S. J-426, 1935) S.P.R.R. 0.45 Mi. N. of PALMDALE STATION.
									See F.B. 2410-32

F.B. 3787 PG. 178 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 205 to 2:10 ROD NO. 9414

NOTES CHKD [illegible] DATE JAN 21 '68

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 T 48°

SURVEY BY G.E. DEEIER WEATHER SUNNY, CLEAR ACCT. NO. 96716

NOTES BY SIEMANN DATE 12-2-68 TIME 9:18 TO 3:24 ROD NO. 9612

INDEXED R.J. GALL DATE NOTES CHKD DATE JAN 21 69

F.B. 3787 Pg. 1/2

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-99 TO B.M. 101-98
B.M. 101-99									B.M. 101-99 (U.S.C. & G.S. K-426)
				234				155	SPRR 0.4 MI. N. of PALMDALE STA
1	203	485	504 5	172 62	22	234	323 5	22 66	SEE FB 2410-32
									T = MOORE
	22	234						62	
B.M. 101-98	181	251						128	B.M. 101-98 (U.S.C. & G.S. L-426)
									SPRR 0.35 MI. N. of PALMDALE STA
									SEE FB 2410-32

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-98 TO B.M.101-99
BM 101-98									B.M.101-98 (U.S.C.&G.S. L-426 1935)
				73				255	SPRR 0.35 MI. N. of PALMDALE STA
1	42 ~~142~~	736	343 5	11 62	224	000	525 5	193 62	See F.B. 2410-32
					X42	736		62	
					-181	264		124	
									X-Moore
BM 101-99									BM 101-99 (U.S.C.&G.S. K-426, 1935) SPRR 0.4 MI. N. of PALMDALE STA See F.B. 2410-32

60°

F.B. 3787 PG. 180 JOB NO. 0301-02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Breezy INST. NO. 96716

TIME 2:00 to 2:05 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 [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 T: 46°
SURVEY BY G.E. DREES WEATHER SUNNY, CLEAR CONST. NO. 96116
NOTES BY SIENKIEWICH DATE 12-2-68 TIME 9:25 TO ROD NO. 9419
INDEXED R.D. GALLI DATE NOTES CHKD. DATE JAN 21 69
F.B. 7187 Pg. 181

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-98 TO B.M. 101-97
B.M. 101-98							B.M. 101-98 (U.S.C. & G.S. L-426)
			171			163	0.35
1	140 546	441 5	109 62	132 507	433 5	101 62	SPRR 0.4 MI. N. of PALMDALE STA
	132 507					162	SEE FB 2410-32
B.M. 101-97	+ 8039					124	T = MOORE
							B.M. 101-97 (U.S.C. & G.S. M-426)
		RERUN		12-9-68	9	15 TO 9.20	SPRR 0.25 MI. N. of PALMDALE STA
B.M. 101-98							T = 50° SEE FB 2410-32
			179			173	
1	148 332	449 5	117 62	140 379	441 5	107 66	
	140 379					62	
B.M. 101-97	7953					128	

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 101-97 TO BM 101-98
BM 101-97									BM 101-97 (U.S.C.&G.S. M-426, 1935)
				175				183	
1	144	515	445.5	113 62	152	434	453.5	121 62	SPRR 0.25 Mi. N. of PALMDALE STA
					144	515		.62	See F.B. 2410-32
					-07	919		124	
									π - Moore
BM 101-98									BM 101-98 (U.S.C.&G.S. L-426 1935) SPRR 0.35 Mi. N. PALMDALE STA see F.B. 2410-32

F.B. 3787 PG. 182 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 12-3-68

INDEXED G.T. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:55 to 2:00 ROD NO. 9419

NOTES CHKD [signature] DATE JAN 21 '69

60°

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= 48°

SURVEY BY G.E. DREIER WEATHER SUNNY CLEAR INST. NO. 2676

NOTES BY SIEMANN DATE 12-2-68 TIME 9:40 TO 7:44 ROD NO. 9417

INDEXED C.J. GALLI DATE NOTES CHKD DATE

F.B. 3787 Pg. 183

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.101-97 TO B.M.101-96
B.M.101-97							B.M.101-97 (U.S.C.&G.S. M.426)
			247			141	SPRR 0.25 Mi. N. of PALMDALE STA.
1	215 160	516 5	183 64	109 608	410 5	77 64	SEE RB 2410-32
						64	T = MOORE
B.M.101-96	109 608 ✓					128	B.M.101-96 (U.S.C.&G.S. A-811)
	+105 552 ✓						SPRR 0.2 Mi. N. of PALMDALE STA
							SEE FB 2410-31

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-96 TO BM101-97
BM101-96									BM101-96 (U.S.C.&G.S. A-811, 1947) SPRR 0.2 MI. N. of PALMDALE ST A
				157				262	
1	125	251	426.5	93 64	230	878	531.5	198 64	see F.B. 2410-31
					125	251		64	
					105	627		128	
									π - Moore
BM101-97									BM101-97 (U.S.C.&G.S. M-426, 1935) SPRR 0.25 MI. N. of PALMDALE ST A
									see F.B. 2410-32

60°

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:50 to 1:55 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 68

F.B. 3787 PG. 184 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES Maldonado 12-3-68

INDEXED C.T. DATE 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 B.M. 101-96 TO B.M. 101-95
B.M. 101-96									B.M. 101-96 (U.S.C.&G.S. A-811)
									SPRR 0.2 MI. N. OF PALMDALE STA.
1	168	566	469 5	200 136 64	60	090	361 5	92 28 64	SEE FB 2410-31
	60	090						64	π = MOORE
B.M. 101-95 +	108	476						128	B.M. 101-95 (U.S.C.&G.S. B-811)
									S.P.R.R. & PALMDALE BLVD.
									SEE F.B. 2410-31A

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-2-68

INDEXED C.J. GALLI DATE

T = 48°

WEATHER SUNNY, CLEAR INST. NO. 96716

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

NOTES CHKD [illegible] DATE

F.B. 3787 PG. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-95 TO BM 101-96
									BM 101-95 (U.S.C.&G.S. B-811, 1947)
				119	195	982		227	SPRR & PALMDALE BLVD-
1	87	499	388 5	55 64	~~495~~		496 5	163 64	see F.B. 2410-31A
								64	
					87	499		128	
					108	383 4			
									X-Moore
BM101-96									BM 101-96 (U.S.C.&G.S. A-811, 1947) SPRR 0.2 MI. N. OF PALMDALE STA
									See F.B. 2410-31

F.B. 3787 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:45 to 1:50 ROD NO. 9819

NOTES CHKD [illegible] DATE

60°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-95 TO B.M. 101-94
B.M. 101-95									B.M. 101-95 (U.S.C.&G.S. B-811)
									S.P.R.R. & PALMDALE BLVD
1	127	697	428 5	133 121 12	168	141	469 5	174 162 12	SEE F.B. 2410-31A
					127	697		12	
B.M. 101-94					-40	444		24	B.M. 101-94 (U.S.C.&G.S. X-811)
									S.P.R.R. & PALMDALE BLVD
									SEE F.B. 2410-31
									⊼ MOORE

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

SURVEY BY G.E. DREIER

NOTES BY SEIMANN DATE 12-2-68

INDEXED D.J. GALLI DATE

T = 48°

WEATHER SUNNY, CLEAR INST. NO. 96715

TIME 9:53 TO 9:55 ROD NO. 9 9 19

NOTES CHKD. [illegible] DATE JAN 21 69

F.B. 3787 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 101-94 TO BM 101-95
BM101-94									BM101-94 (U.S.C.&G.S. X-811)
				176				136	S.P.R.R. & Palmdale Blvd.
1	169	877	470 5	162 14	129	435	430 5	122 14	
	129	435						14	see F.B. 2410-31
	+40	442						28	
									X-Moore
									BM101-95 (U.S.C.&G.S. B-811, 1947) S.P.R.R. & Palmdale Blvd.
BM101-95									see F.B. 2410-31A

F.B. 3787 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.L. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:40 to 1:45 ROD NO. 9219

NOTES CHKD [illegible] DATE JAN 21 68

58°

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=48°

F.B. 3787 PG. 189

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

NOTES BY SIEMANN DATE 12-2-68 TIME 9:58 TO ROD NO. 9019

INDEXED D. L. GALLI DATE NOTES CHKD. [illegible] DATE [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 B.M. 101-94 TO B.M. 101-93
B.M. 101-94									B.M. 101-94 (U.S.C.&G.S. X-811)
									S.P.R.R. & PALMDALE BLVD.
1	239	171	540 5	268 210 58	183	652	484 5	213 153 60	SEE F.B. 2410-31
	183	652							
B.M. 101-93	55	579						58 118	π MOORE B.M. 101-93 (U.S.C.&G.S. 2657)
									S.P.R.R. & PALMDALE STA.
									SEE F.B. 2410-31

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 BM101-93 TO BM 101-94
BM101-93									BM 101-93 (U.S.C.&G.S. 2657
				210				263	SPRR PALMDALE STA
1	181	020	482.5	152 58	236	502	537.5	209 54	see F.B. 2410-31
					181	020		58	
					55	482		112	
									T-Moore
BM101-94									BM 101-94 (U.S.C.&G.S. X-811
									SPRR & PALMDALE BLVD
									see F.B. 2410-31

58'

F.B. 3787 PG. 190 JOB NO. 0301-02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:35 to 1:40 ROD NO. 9819

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.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-93 TO B.M. 101-92
B.M 101-93								B.M. 101-93 (U.S.C.&G.S. 2657)
								S.P.R.R. & PALMDALE STA.
1	144 009	445 5	149 139 10		144 850	445 5	149 139 10	SEE F.B. 2410 - 31
					144 009			
					- 0 841		10	T = MOORE
B.M. 101-92							20	B.M. 101-92 (U.S.C.&G.S. R. 811)
								S.P.R.R. & PALMDALE STA.
								SEE F.B. 2410-30

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-2-68

INDEXED C.J. GALLI DATE

T = 48°

WEATHER SUNNY, CLEAR INST. NO. 95715

TIME 10:04 + 010:07 ROD NO. 9815

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 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 101-92 TO BM 101-93
BM 101-92									BM 101-92 (U.S.C.&G.S. R-811
				149				148	SPRR AT PALMDALE STA.
1	144	480	445 5	139 10	143	659	444 5	138 10	See F.B. 2410-30
	143	659						10	
	+ 0	821						20	
									X-Moore
BM 101-93									BM 101-93 (U.S.C.&G.S. 2657 SPRR AT PALMDALE STA.
									See F.B. 2410-31

F.B. 3787 Pg. 192 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED R.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:30 to 1:35 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-92 TO B.M. 101-91
B.M. 101-92									B.M. 101-92 (U.S.C.&G.S. R-811)
									S.P.R.R. & PALMDALE STA.
1	202	064	503 5	245 159 86	115	657	416 5	158 72 86	SEE F.B. 2410-30
									π = MOORE
	115	657						86	
B.M. 101-91	+86	407						172	B.M. 101-91 (U.S.C.&G.S. Q-426)
									S.P.R.R. 0.1 MI. S. OF PALMDALE STA.
									SEE F.B. 2410-30

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

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 12-2-68

INDEXED C.J. GALLI DATE

WEATHER SUNNY, CLEAR T: 50°

TIME 10:10 TO 10:12

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9 & 19

F.B. 3787 Pg. 93

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 101-91 TO BM 101-92
BM 101-91									BM 101-91 (U.S.C.&G.S. Q-426.
	92			135				222	SPRR 0.1 MI. S. of PALMDALE STA
1	~~93~~	998	393.5	49 86	179	368	480	136 86	See F.B. 2410-30
					92	998		86	
					-86	370		172	
									T - R. Moore
BM 101-92									BM 101-92 (U.S.C.&G.S. R-811, 1947) Palmdale Blvd. & 100' Ft. N. of SEE FB 2410-30

58°

WEATHER Sunny & Breezy INST. NO. 96716

TIME 1:25 to 1:30 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 3787 PG. 194 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.T. 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 B.M. 101-91 TO B.M. 101-90
B.M. 101-91									B.M. 101-91 (U.S.C.&G.S. Q426)
									SPRR 0.1 MI. S. OF PALMDALE STA.
1	143	208	444 5	146 140 6	164	483	465 5	167 161 6	
									SEE FB 2410-30
					143	208		6	
B.M. 101-90					21	275		12	B.M. 101-90 (USC&GS Y-811)
									SPRR 0.1 MI. S. OF PALMDALE STA.
									SEE FB 2410-30
									T MOORE

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=50°

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

NOTES BY SIEMAND DATE 12-2-68 TIME 10:15 TO 10:17 ROD NO. 9819

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE JAN 21 68

F.B. 3787 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3787 Pg. 191 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY REC'E NOTES Maldonado 12-3-68

INDEXED DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 1:20 to 1:25 ROD NO. 9819

NOTES CHKD DATE

3-8

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-90 TO BM 101-91
BM 101-90									BM 101-90
				172 ✓				151 ✓	SPRR 0.1 MI. S. of PALMDALE
I	168	725	469 5	164 8	147	468	448 5	143 8	STA
	148 9	468 ✓						8	SEE F.B. 2410-30
	+21	257 ✓						16	
									K-Moore
BM 101-91									BM 101-91 (U.S.C.&G.S. Q-426 SPRR 0.1 MI. S. of PALMDALE STA see F.B. 2410-30

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 B.M. 101-90 TO B.M. 101-89
B.M. 101-90									B.M. 101-90 (USC&GS Y-811
									SPRR 0.1 MI. S. of PALMDALE
1	217	984	518 5	242 192 50	178	960	479 5	203 153 50	STA.
									(SEE FB 2410-30
	178	960						50	
B.M. 101-89	+39	024						100	B.M. 101-89 (
									T R MOORE
									BM 101-89 (USC&GS C-811
									SPRR 0.15 MI. S. of PALMDALE
									STA
									SEE FB 2410-30

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 SIEMANN DATE 12-2-68 TIME 10:20 TO 10:25 ROD NO. 9619

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

F.B. 3787 PG. 197

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 101-89 TO BM 101-90
BM 101-89									BM 101-89 (USC&GS C-811
				169				208	SPRR 0.15 Mi. S. of
1	148	088	449 5	127 42	187	185	488 5	166 42	PALMDALE STA.
								42	SEE F.B. 2410-30
								84	
					148	088			
					-39	097			
									π-Moore
BM 101-90									BM 101-90 (USC&GS Y-811) SPRR 0.1 Mi. S. of PALMDALE STA SEE FB 2410-30

580

F.B. 3787 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED [illegible] DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 1:15 to 1:20 ROD NO. 9818

NOTES CHKD [illegible] DATE [illegible] 21 69

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 — F.B. 3787 Pg. 201

SURVEY BY G.E. DREIER — WEATHER SUNNY — INST. NO. 9614

NOTES BY MOORE — DATE 12-2-68 — TIME 12:40 TO 12:45 — ROD NO. 9619

INDEXED — DATE — NOTES CHKD — RATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-89A TO BM101-88
BM101-89A				200 ✓				110	BM 101-89A (USC&GS R426 1935)
1	178	238	479	5 156 44	90	757	391	5 70 40	S.P.R.R.O.1 MI. S. OF PALMDALE STA.
	90	757 ✓						44 84	SEE F.B. 2410-30B
	87	481 ✓							
									† - R. SIEMANN
B.M.101-88									BM 101-88 (USC&GS Q 487) SPRR 0.2 MI. S. OF PALMDALE STA. SEE FB 2410-29

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 101-88 TO BM 101-89A
BM 101-88									BM 101-88 (U.S.C.&G.S. Q-487, 1955) SPRR 0.2 MI. S. of PALMDALE STA
				116				203	
1	95	429	396.5	74 42	182	828	483.5	161 42	
					95	429		42	See F.B. 2410-29
					-87	399		84	
									T Siemann
BM 101-89A									BM 101-89A (U.S.C.&G.S. R-426, 1935) SPRR 0.1 MI. S. of PALMDALE STA
									See F.B. 2410-30B

F.B. 3787 PG 202 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED D.D. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:50 to 11:55 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

54°

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.C. DREKER WEATHER SUNNY INST. NO. 96216
NOTES BY [illegible] DATE 12-2-68 TIME 1045 TO 1046 ROD NO. 2419
INDEXED [illegible] DATE [illegible] NOTES CHKD. [illegible] DATE JAN 21 69
F.B. 3787 Pg. 203

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-88 TO BM 101-87
BM 101-88									BM 101-88 (USC&GS @ 487 1955)
1	125	732	426	5	116	309	417	5	PALMDALE ± 0.2 mi.
	116	309		145 105 40				136 96 40	So. of SPRR STA.
	+09	423						40 80	F.B. 2410-29
									T R.F. SIEMANN
BM 101-87									BM 101-87 (USC&GS-R-487-1955) PALMDALE ± 0.25 mi. SO. of SPRR STA. F.B. 2410-29

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 101-87 TO BM 101-88
BM 101-87									BM 101-87 (U.S.C.&G.S. R-487, 1955) SPRR 0.25 Mi. S. of PALMDALE STA.
				140				149	
1	119	411	420 5	98 42	128	867	429 5	107 42	
					119	411		42	See F.B. 2410-29
					-09	456		84	
									X-Siemann
BM 101-88									BM 101-88 (U.S.C.&G.S. Q-487, 1955) SPRR 0.2 S. of PALMDALE STA See F.B. 2410-29

F.B. 3787 PG. 204 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Drexel NOTES Maldonado 12-3-68

INDEXED C.J. GALL DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:45 to 11:50 ROD NO. 9819

NOTES CHKD [illegible] DATE

54°

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-48°

SURVEY BY E. DREKER WEATHER SUNNY INST. NO. 9618

NOTES BY R. MOORE DATE 12-2-66 TIME 10:50 TO 14:55 ROD NO. 9419

INDEXED T.R. GALLI DATE NOTES CHKD DATE

F.B. 3787 Pg. 28

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-87 TO BM 101-86
BM 101-87									BM 101-87 (USC&GS R 481)
1	164	652	465 5	183	157	260	458 5	176	SPRR 0.25 MI. S. OF PALMDALE STA
	157	260		185 38	164	652		138 38	SEE FB. 2410-29
	+ 07	392			92	608		38	
								76	

T.R. SIEMANN

BM 101-86 (USC&GS 5487)
SPRR 0.25 MI. S. OF
PALMDALE STA
SEE FB 2410-29

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 101-86 TO BM 101-87
BM 101-86									BM 101-86 (U.S.C.&G.S. S-487, 1935) SPRR 0.25 MI. S. OF PALMDALE STA
	152			158				158	
1	~~156~~	374	453 5	146 12	152	596	453 5	146 12	See F.B. 2410-29
				154				16[illegible]	
2	141	268	442 5	128 26	148	428	449 5	135 26	
				38				38	
								38	
	293	602			301	024		76	
					293	602			
					00[illegible]	422			A-Siemann
BM 101-87									BM 101-87 (U.S.C.&G.S. R-487, 1935) SPRR 0.25 MI. S. OF PALMDALE STA. See F.B. 2410-29

WEATHER Sunny & Clear INST. NO. 96716
TIME 11:35 to 11:55 ROD NO. 9818
NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 PG. 206 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 12-3-62
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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-86 TO ~~BM 101-82~~ 118-1
BM101-86									BM 101-86 (USC&GS S-487 1955)
1	160	930	461 5	166 154 12	154	935	455 5	160 148 12	SEE F.B. 2410-29
2	223	008	524 5	267 178 90	85	900	386 5	130 40 90	SPRR 0.25 MI. S. PALMDALE STA. T-R. SIEMANN
				102				102	
3	208	105	507 5	235 181 54	149	872	450 5	176 122 54	
				156 ✓				156 ✓	
								156 ✓	
	592	043 ✓			390	707 ✓		312	
118-1 B.M. ~~101-82~~	390	707 ✓							B.M. 118-1 ~~101-82~~ (USC&GS X-426 1935)
	+201	336 ✓							SEE F.B. 2410-28, 1382-6
									SPRR & AVER.

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

SURVEY BY G.E. DREIER

NOTES BY MOORE DATE 12-2-68

INDEXED [illegible] GALLI DATE

WEATHER T-50° SUNNY

TIME 10:55 TO 11:15

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9619

F.B. 3787 Pg 207

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 BM118-1 TO BM101-86
BM118-1									BM118-1 (U.S.C.&G.S X-426, 1935) SPRR & AVE. R.
1	106	828	407 5	150 62 88	258	632	559 5	302 214 88	See F.B. 2410-28
2	124	800	425 5	160 88 72	177	820	478 5	213 141 72	
3	166	292	467 5	173 159 14	162	800	463 5	169 155 14	
				~~184~~ 174 ✓				174 ✓	
								174 ✓	
	+397	920 ✓			599	252 ✓		348 ✓	K-Siemann
					397	920 ✓			
					+201	332 ✓			
BM 101-86									BM101-86 (U.S.C.&G.S. S-487, 1935) SPRR 0.25 MI. S. OF PALMDALE STA See F.B. 2410-29

52°

F.B. 3787 PG. 208

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.J. CALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 11:15 to 11:35 ROD NO. 9 & 18

NOTES CHKD [illegible] DATE [illegible] 21 '69

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 WEATHER SUNNY 75° INST. NO. 96716
NOTES BY R. MOORE DATE 12-2-68 TIME 10:15 TO 10:20 ROD NO. 2 & 19
INDEXED R. GALLI DATE NOTES CHKD DATE JAN 21 69
F.B. 3787 Pg 209

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM B.M. 118-1 TO B.M. 101-82
B.M. 118-1									B.M. 118-1 (USC&GS X-426 1935)
1	239 234		540.5	259 219 40	107	232	408.5	127 87 40	SEE F.B. 2410-28
	107 232							40	SPRR & AVE R.
	+132002							.80	
									T-R. SIEMANN
B.M. 101-82									B.M. 101-82 (U.S.C.&G.S. Y-426 1935)
									SPRR 0.0 MI. S. OF PALM-DALE STA
									SEE FB 2410-27

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 BM101-82 TO BM118-1
BM101-82									BM101-82 (U.S.C.&G.S. Y-426, 1935)
				142				275	
1	123 ~~124~~	931	424 5	104 38	255	890	556 5	235 40	SPRR 0.5 MI. S. of AVE R
					123	931		38	See F.B. 2410-27
					131	959		78	
									T-Siemann
BM118-1									BM118-1 (U.S.C.&G. X-426, 1935) SPRR & AVE. R.
									See F.B. 2410-28

F.B. 3787 PG. 210 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.J. GALLI DATE

WEATHER Sunny & clear INST. NO. 96716

TIME 11:10 to 11:15 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 '69

52°

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 BM101-82 TO BM101-80
BM101-82	182	521	483 5	222 142 80	94	941	395 5	134 54 80	BM101-82 (USC&GS ~~A-427~~-1935)
	94	941						80	Y-426
	+87	580						160	F.B. 2410-27
									SPRR 0.5 MI. S. OF AVE R
									⊼ R. SIEMANN
BM101-80									BM101-80 (USC&GS - Y-427-1935) ? A-427
									F.B. 2410-27
									SPRR 1.5 MI. S OF AVE R.

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

SURVEY BY G. DREIER

NOTES BY R. MOORE DATE 12-2-68

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO 96716

TIME 11:15 to 11:20 ROD NO. 9419

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 Pg 211

T=50°

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 BM101-80 TO BM101-82
BM101-80									BM101-80 (U.S.C.&G.S. Y-427, 1935) (A-427)
+	~~68~~	~~063~~	~~369.5~~	~~98~~ ~~38~~ ~~60~~	~~270~~	~~698~~	~~571.5~~	~~244~~ ~~241~~ ~~58~~	0.15 SPRR ~~1.5~~ MI. S. of AVE. R
1	~~60~~ 92	774	393.5	132 52 80	180	357	481.5	220 140 80	See F.B. 2410-27
					92	774		80	
					-87	583		160	
									⊼ Siemann
BM101-82									BM101-82 (U.S.C.&G. Y-426, 1935) SPRR 0.5 MI. S. of AVE. R. See F.B. 2410-27

F.B. 3787 PG. 212 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED D.J. GALLI DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:05 to 11:10 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

50°

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. DRSIER
NOTES BY R. MOORE DATE 12-2-68 WEATHER WINDY INST. NO. 9776
INDEXED DATE NOTES CHKD DATE TIME 11:20 TO 11:50 ROD NO. 9710
F.B. 3787 Pg. 213

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-80 TO BM 101-76
BM 101-80									BM 101-80 (USC&GS-Y-427-1935) ? A-427 F.B. 2410-27
1	236	299	537	5 284 / 188 96	18	125	319	5 63 / 18 90	
2	252	270	553	5 234 / 230 44 / 140	101	365	402	5 123 / 79 44 / 134	SPRR 0.15 MI. S. of AVE. R
3	220	598	521	5 230 / 210 20 / 160	61	359	362	5 73 / 49 24 / 158 / 160	
	709	117 ✓			180	852 ✓		318 ✓	T R. SIEMANN
	180	852 ✓							
	+528	265 ✓							
BM 101-76									BM 101-76 (USC&GS-E-427-1935) F.B. 2410-26 SPRR 0.35 MI. S. of AVE R

T=50°

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 BM101-76 TO BM101-80
BM101-76									BM101-76 (U.S.C.&G.S. E-427, 1935)
1	12 ~~883~~	~~883~~	313 5	33 (1) 12 (2) 42	261	757	562 5	282 240 42	SPRR 0.35 MI. S. OF AVE R
									See F.B. 2410-26
2	68	063	369 5	98 ~~38~~ 60	270	698	371 5	299 241 58	
3	100	149	401 5	130 70 60	176	778	477 5	206 146 60	
				162 ✓				160 ✓	
								162	
	181	095 ✓			709	233 ✓		322 ✓	
					181	095 ✓			
					528	138 ✓			
									X-Siemann
									7 A-427
BM101-80									BM101-80 (U.S.C.&G.S. Y-427, 1935) SPRR 0.15 MI. S. OF AVE R
									See F.B. 2410-27

50°

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:50 to 11:05 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 '63

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dicer NOTES Maldonado 12-3-68

INDEXED C.T. GALLI DATE

F.B. 3787 PG. 214

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 101-76 TO BM 101-75
BM 101-76									BM 101-76 (USC & GS -
1	257	513	558 5	272 272 30	31	381	332 5	76 30	E-427 - 1935)
	31	381						30	F.B. 2410-26
	+226	432						60	SPRR 0.35 MI. S. of AVE R
									T R. SIEMANN
BM 101-75									BM 101-75 (USC & GS - Peach 1938) F.B. 2410-26 SPRR 0.4 MI. S. of AVE R

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

SURVEY BY C. Drein

NOTES BY R. Moore DATE 12-2-68 WEATHER Windy INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 11:50 to 12:00 ROD NO. 9-14

NOTES CHKD [illegible] DATE

F.B. 3787 Pg. 215

T=50°

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 101-75 TO BM 101-76
BM 101-75									BM 101-75 (U.S.C.&G.S. PEACH, 1938)
				24 1				251	
1	10	961	311 5	10 2 28	237	380	538 5	223 28	SPRR 0.4 MI. S of AVER
					10	961		28	see F.B. 2410-26
					-226	419		56	
									T-Siemann
BM 101-76									BM 101-76 (U.S.C.&G.S. E-427, 1935) SPRR 0.35 MI. S of AVER see F.B. 2410-26

F.B. 3787 PG. 216 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.L. GALL DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:45 to 10:50 ROD NO. 9819

NOTES CHKD [illegible] DATE

50°

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 BM101-75 TO BM101-74
BM101-75	88	708	389 5	78 78 20	251	960	552 5	261 241 20	BM101-75 (USC & GS- Peach 1938)
					88	708		20	F.B. 2410-26
					163	252		40	SPRR 0.4 MI. S. OF AVE R
									R. SIEMANN
BM101-74									BM101-74 (USC & GS- F-427- 1935) F.B. 2410-25 SPRR 0.4 MI. S. OF AVE R

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

SURVEY BY G. Drein

NOTES BY R. Moore DATE 12-2-68

INDEXED C. J. GALLI DATE

WEATHER Windy INST. NO. 96716

TIME 1200 TO 1205 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T = 50°

F.B. 3787 PG. 217

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 101-74 TO BM 101-75
BM 101-74									BM 101-74 (U.S.C.&G.S. F-427, 1935)
				260				97	
1	251	249	552 5	242 18	88	052	389 5	79 18	SPRR 0.4 MI. S. of AVE. R
	88	052						18	See F.B. 2410-25
	+163	197						36	
									K-Siemann
BM 101-75									BM 101-75 (U.S.C.&G.S. PEACH 1938) SPRR 0.4 MI. S. of AVE. R
									see F.B. 2410-26

50°

F.B. 3787 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 12-3-68

INDEXED C.L. GALL DATE

WEATHER Sunny & Clear INST. NO. 96716

TIME 10:40 to 10:45 ROD NO. 9819

NOTES CHKD [illegible] DATE JAN 21 69

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 101-74 TO BM 101-73
BM 101-74									BM 101-74 (USC&GS - F. 427 - 1935)
1	250	381	551 5	270 / 230 40	36	819	337 5	156 / 236 40	F.B. 2410-25
									SPRR 0.4 MI. S. OF AVE. R
	36	819						40	
	+213	462 / 5						80	
									T. R. SIEMANN
BM 101-73									BM 101-73 (USC&GS - F-811-1947)
									F.B. 2410-25
									SPRR 0.45 MI. S. OF AVE R

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

SURVEY BY Geo. Drew

NOTES BY R. Moore DATE 12-2-68

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 1:20 TO 1:25 ROD NO. 9-19

NOTES CHKD. [illegible] DATE JAN 21 69

F.B. 3787 PG 219

T=50°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-73 TO B.M.101-74
B.M.101-73									B.M.101-73 (U.S.C.&G.S. F-811) SPRR 0.45 MI. S. OF AVE. R
1	58	746	359 5	78 38 40	272	356	573 5	292 252 40	SEE BOOK 2410-25 π = MOORE
					58	746		40	
B.M.101-74					213	610		80	B.M.101-74 (U.S.C.&G.S. F-427) SPRR 0.4 MI. S. OF AVE. R SEE BOOK 2410-25

F.B. 3787 PG. 220 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-3-68

INDEXED C.J. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:30 TO 10:34 ROD NO. 9819

NOTES CHKD. [illegible] DATE

T = 50°

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 BM101-73 TO BM101-72
BM101-73									BM101-73 (USC&GS-F-811-1947)
1	184	540	485 5	203 165 38	15	843	316 5	34 15 38	F.B. 2410-25
								38	SPRR 0.45 MI. S. of AVE R
	15	843						76	SEE BOOK 2410-25
	+168	697							
									T. R. Moore
BM101-72									BM101-72 (USC&GS-H427-1935 F.B. 2410-25
									SPRR 0.5 MI. S. of AVE R SEE BOOK 2410-25

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

SURVEY BY G. Dreir WEATHER WINDY INST. NO. 96716

NOTES BY B. Seimann DATE 12-2-68 TIME 1:15-1:27 ROD NO. 9-19

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

T2520

F.B. 3787 PG 221

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-72 TO B.M. 101-73
B.M. 101-72									B.M. 101-72 (U.S.C.&G.S. H-427)
1	64	388	365 5	83 45 38	233	182	534 5	253 213 40	SPRR 0.5 MI. S. of AVER. SEE FB 2410-25
					64	388		38	
B.M. 101-73					168	794		78	B.M. 101-73 (U.S.C.&G.S. F-811 SPRR 0.45 MI. S. of AVER SEE FB 2410-25

T = 50°

WEATHER CLEAR INST. NO. 96716

TIME 10:25 TO 10:28 ROD NO. 9869

NOTES CHKD [illegible] DATE JAN 21 '69

F.B. 3787 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-3-68

INDEXED C.I. 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 BM101-72 TO BM101-71
BM101-72									BM101-72 (USC&GS-H427-1935)
1	229	875	530 5	247 211 36	96	750	397 5	114 78 36	F.B. 2410-25
									SPRR 0.5 MI. S OF AVE R
	96	750						36	
	+133	125						72	
									T. R. Moore
BM101-71									BM101-71 (USC&GS-J-427-1935)
									F.B. 2410-25
									SPRR 0.55 MI. S. OF AVE. R

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

SURVEY BY C. Prein

NOTES BY B. Seimann DATE 12-2-68

INDEXED L. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 10:30-1:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible]

F.B. 3787 Pg 273

T=52°

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. 3787 Pg. 22 JOB NO. 0301-02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-3-68

INDEXED DATE

WEATHER CLEAR INST. NO. 96716

TIME 10:30 TO 1022 ROD NO. 9512

NOTES CHKD DATE

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-71 TO B.M. 101-72
B.M. 101-71							B.M. 101-71 (U.S.C. & G.S. J-427)
1	94222	39555	11 1 / 77 34	227375	52855	245 / 209 36	SPRR 055 MI. 5. OF AVE R
				94222		34 / 70	SEE FB 2410-25
B.M. 101-72				133153			B.M. 101-72 (U.S.C. & G.S. H-427)
							SPRR 055 MI. 5. OF AVE R
							SEE FB 2410-25

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-71 TO BM 101-70
BM 101-71									BM 101-71 (USC & GS-J-427-1935)
1	179	588	480 5	199 / 159 40	117	388	418 5	132 / 92 40	F.B. 2410-25
								40 / 80	SPRR 0.55 MI. S. OF AVE R
	117	388							
	-62	200							
									T. R. Moore
BM 101-70									BM 101-70 (USC & GS-K-427-1935)
									F.B. 2410-24
									SPRR 0.55 MI. S. OF AVE R

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

SURVEY BY G. Drein

NOTES BY B. Seimann DATE 12-2-68

INDEXED R.J. CALLI DATE

WEATHER Very Windy INST. NO. 96716

TIME 1:35-1:40 ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible]

T=520

F.B. 3787 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.

F.B. 3787 PG. 226 JOB NO 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREIER NOTES SIEMANN 12-3-68
INDEXED R.J. GALLI DATE
WEATHER CLEAR T: 48° INST. NO 96716
TIME 10:15 TO 10:17 ROD NO 9819
NOTES CHKD [illegible] DATE 12-4-68

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-70 TO B.M. 101-71
B.M. 101-70							B.M. 101-70 (U.S.C. & G.S. K-427)
							SPRR 0.55 MI. S. OF AVE R
1	113 566	414 5	133 93 40	175 772	476 5	195 155 40	
							SEE F.B. 2410-24
				113 566		40	
				62 206		80	
B.M. 101-71							B.M. 101-71 (U.S.C. & G.S. J-427)
							SPRR 0.55 MI. S. OF AVE R
							SEE F.B. 2410-25

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	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-70 TO BM 101-69
BM 101-70									BM 101-70 (USC & GS - K-427 - 1935)
1	200	836	501 5	212 188 24	125	340	426 5	136 114 22	F.B. 2410-24
								24	SPRR 0.55 MI. S OF AVE R
	125	340						46	
	75	496							
									T. R. MOORE
BM 101-69									BM 101-69 (USC & GS - L-427) 1935)
									F.B. 2410-24
									ALONG S.P.R.R. 0.6 MI. S. OF AVE R

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

SURVEY BY G. DREIR

NOTES BY B. SEIMANN DATE 12-2-68

INDEXED C. L. CALLI DATE

WEATHER VERY WIND TIME 1:45-1:48

NOTES CHKD [illegible] DATE JAN 21 69

F.B. 3787 PG 227

INST. NO. 96716

ROD NO. 9-19

T=52²

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. 3787 PG. 228 JOB NO 0301 02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY DREW NOTES SIEMANN 12-3-68
INDEXED BY GALLI DATE
T: 48°
WEATHER CLEAR INST. NO 96716
TIME 10:13 TO 12:45 ROD NO 2019
NOTES CHKD DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-69 TO B.M. 101-70
B.M. 101-69									B.M. 101-69 (U.S.C. & G.S. L-427) SPRR 0.6M S of AVE R
1	125	439	426	137 113 24	200	876	501	212 188 24	SEE F.B. 2410-24
					125	439		24	
B.M. 101-70					75	437		48	B.M. 101-70 (U.S.C. & G.S. K-427 SPRR 0.55MI. S of AVE. R
									SEE F.B. 2410-24

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 101-69 TO BM 101-68
BM 101-68							BM 101-69 (USC & GS - L-427-1935)
1	188 646	489 5	200 176 24	124 402	425 5	136 112 24	F.B. 2410-24
	124 402					24	SPRR 0.6 MI. S OF AVE R
	+64244					48	
							T R. Moore
BM 101-68							BM 101-68 (USC & GS - M-427-1935)
							F.B. 2410-24
							SPRR 0.6 MI S OF AVE R

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E. Breig DATE 12-2-68 WEATHER Very Windy INST. NO. 96776
NOTES BY B. Seimann DATE 12-2-68 TIME 1:47-55 ROD NO. 9-19
INDEXED DATE NOTES CHKD DATE
F.B. 3787 Pg. 29
T=520

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-68 TO B.M. 101-69
B.M. 101-68									B.M. 101-68 (U.S.C.&G.S. M-427) SPRR 0.65 MI. S. OF AVE R SEE FB 2410-25
1	128	498	429 5	140 116 24	192	698	493 5	204 180 24	
					128	498		24	
B.M. 101-69					-64	200		48	B.M. 101-69 (U.S.C.&G.S. L-427) SPRR 0.6 M. S of AVE. R SEE FB 2410-25

F.B. 3787 PG. 230 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 12-3-68

INDEXED C.L. GALLI DATE

WEATHER CLEAR T-46° INST. NO. 96716

TIME 10:00 TO 10:12 ROD NO. 9919

NOTES CHKD [illegible] DATE JAN 22 69

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 BM101-68 TO BM101-67
BM101-68									BM101-68 (USC & GS -
1	186	746	487 5	198 174 24	70	086	371 5	92 68 24	M-427-1935)
								24	F.B. 2410-24
	70	086						48	SPRR 0.65 MI. S. OF AVE R
	+116	660							
									T. R. Moore
BM101-67									BM101-67 (USC & GS -
									N-427-1935)
									F.B. 2410-24
									SPRR 0.7 MI. S. OF AVE. R

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

SURVEY BY G. Drein

NOTES BY B. Seimann DATE 12-2-68

INDEXED C.J. GALLI DATE

WEATHER Very Windy

TIME 1:50 1:52

NOTES CHKD [illegible] DATE

T=520

F.B. 3787 PG 231

INST. NO. 96716

ROD NO. 9-19

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-67 TO B.M.101-68
B.M.101-67									B.M.101-67 (U.S.C. & G.S. N-427
									SPRR 0.7 MI. S. OF AVE R
1	72	598	373	5 84 60 24	189	274	490	5 201 177 24	SEE FB 2410-24
					72	598		24	
B.M.101-68					-116	676		48	B.M.101-68 (U.S.C & G.S. M-427)
									SPRR 0.65 MI. S. OF AVE R
									SEE FB 2410-24

F.B. 3787 PG. 232 JOB NO. 0301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES SIEMANN 12-3-68

INDEXED [illegible] DATE

WEATHER CLEAR T: 46° INST. NO. 96716

TIME 10:05 TO 10:08 ROD NO. 7419

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 BM101-67 TO BM101-66
BM101-67							BM101-67 (USC & GS-N-427-1935)
1	159 976	460 5	172 146 26	68 210	369 5	80 56 24	F.B. 2410-24
	68 210					26	SPRR 0.7 MI. S. OF AVER
	+91 766					50	SEE FB 2410-24
							T - R. Moore
BM101-66							BM101-66 (USC & GS-P-427-1935)
							F.B. 2410-23
							SPRR 0.8 MI. S. OF AVE. R
							SEE FB 2410-23

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

SURVEY BY G. Prein

NOTES BY B. Seimann DATE 12-2-68

INDEXED C.J. GALLI DATE

WEATHER Very Windy INST. NO. 96716

TIME 1:52 to 1:54 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T=52°

F.B. 3787 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 B.M.101-66 TO B.M.101-67
B.M.101-66									B.M.101-66 (U.S.C.&G.S. P-427) SPRR 0.75MI S. OF AVE. R SEE FB 2410 23
1	78	627	379 5	90 66 24	170	346	471 5	182 158 24	
					78	627		24	
B.M.101-67					-91	719		48	B.M.101-67 (U.S.C.&G.S. N-427) SPRR 0.7MI. S. OF AVE. R. SEE F.B. 2410-24

T=46°

WEATHER CLEAR INST. NO. 96716

TIME 10:01 TO 10:04 ROD NO. 9019

NOTES CHKD [illegible] DATE [illegible]

F.B. 3787 PG. 234 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E.D. NOTES SIEMANN 12-3-68

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM101-~~65~~ 66 TO BM101-65
BM101-66							BM101-66 (USC & GS-P-427-1935)
1	201 973 83 768 +118205	502 5	213 189 24	83 768	384 5	96 70 26 24 50	F.B. 2410-23 SPRR 0.75 MI S. OF AVE R
							T. R. Moore
BM101-65							BM101-65 (USC & GS-Q-427-1935) F.B. 2410-23 SPRR 0.8 MI. S. OF AVE. R

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

SURVEY BY G. Preil

NOTES BY B. Seimann DATE 12-2-68

INDEXED C. J. GALLI DATE

WEATHER Very Windy

TIME 1:55 1:56

NOTES CHKD [illegible] DATE

INST. NO. 96716

ROD NO. 9-19

F.B. 3787 PG. 235

T=520

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M.101-65 TO B.M.101-66
B.M.101-65									B.M.101-65 (U.S.C.&G.S. Q-427)
1	82	313	383 5	94 70 24	200	519	501 5	212 188 24	ALONG S.P.R.R. 1400' ± N. AVE S SEE F.B. 2410-23
					82	313		24	
B.M.101-66					118	206		48	B.M.101-66 (U.S.C.&G.S. P-427) SPRR 0.75 MI. S. OF AVE R SEE FB 2410-23

T-48°

WEATHER CLEAR INST. NO. 96716

TIME 9:58 TO 10:00 ROD NO. 9E19

NOTES CHKD. [illegible] DATE JAN 22 '00

F.B. 3787 PG. 236 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 12-3-68

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 52 D
SURVEY BY C.C. DREIER WEATHER VERY WINDY INST. NO. 96715
NOTES BY R. SEMRAU DATE 12-2-68 TIME 1:57 TO 2:00 ROD NO. 9819
INDEXED C.J. CALL DATE NOTES CHKD. DATE
F.B. 5787 PG. 237

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M. 101-65 TO B.M. 101-64A
B.M. 101-65			179			162	B.M. 101-65 (U.S.C.&G.S. Q-427 1935)
1	188 734	489 5	173-24	150 628	45 15	138 24	ALONG S.P.R.R. 1400'± N. AVE. S
	150 628						SEE F.B. 2410-23
	+38 106					24	
						48	
							T-R. MOORE
B.M. 101-64A							B.M. 101-64A (L-1147 1961)
							ALONG S.P.R.R. 1260'± N. AVE S
							SEE F.B. 3735-137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-64A TO B.M. 101-65
B.M. 101-64A									B.M. 101-64A (U.S.C. & C.S. L-1147) (1961)
									ALONG S.P.R.R. 1260' ± N. AVE S
1	152	983	453 5	163 141 22	191	083	492 5	202 180 22	SEE F.B. 3735-
					152	983		22	↑ - R. MOORE
B.M. 101-65					38	100		44	B.M. 101-65 (USC&GS Q-427
									ALONG S.P.R.R. 1400' ± N. AVE S 1935)
									SEE F.B. 2410-23

T: 44°

WEATHER CLEAR INST. NO. 96716

TIME 9:55 TO 9:57 ROD NO. 9819

NOTES CHKD. [signature] DATE [illegible]

F.B. 3878 Pg. 238 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DRIER NOTES SIEMANN 12-3-68

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			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM B.M.101-64A TO B.M.101-64
B.M.101-64A							B.M.101-64A (L-1147 U.S.C.&G.S. 1961)
1	162 520	463 5	164 160 4	151 233	452 5	153 149 4	ALONG S.P.R.R. 1260'± N. AVE. S
	151 233						SEE F.B. 3735-137
	+11 287					4	
						8	π = MOORE
B.M.101-64							B.M.101-64 (R. 427 U.S.C.&G.S.) (1935)
							ALONG S.P.R.R. 1245'± N. AVE. S
							SEE F.B. 2410-23

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

SURVEY BY G. DREIER WEATHER 52 WINDY INST. NO. 7676

NOTES BY SIEMANN DATE 12-2-68 TIME 2:00 TO 2:02 ROD NO. 9409

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE JAN 22 '69

F.B. 3878 Pg. 239

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-64 TO B.M. 101-64A
B.M. 101-64									B.M. 101-64 (U.S.C.&G.S. R-427 1935)
1	152	889	453.5	154 150 4	164	188	465.5	166 162 4	ALONG S.P.R.R. 1245'± N. AVE S SEE F.B. 2410-23
					152	889		4	
B.M. 101-64A					-11	299		8	B.M. 101-64 A (U.S.C.&G.S. L-1147 1961) ALONG S.P.R.R. 1260'± N. AVE. S SEE F.B. 3735-137

F.B. 3878 PG. 240 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 12-3-68

INDEXED C.L. GALLI DATE

WEATHER CLEAR INST. NO. 96716

TIME 9:53 TO 9:55 ROD NO. 9812

NOTES CHKD. [illegible] DATE

T: 44°

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 BM101-64 TO BM101-63
BM101-64									BM101-64 (USC&GS. R-427-1935)
1	126	802	427 5	128 114 24	134	062	435 5	146 122 24	F.B. 2410-23
								24	ALONG S.P.R.R. 1245' ± N. AVE. S
					126	802		48	
					- 7	260			
									T R. MOORE
BM101-63									BM101-~~64~~ 63 (USC&GS-S-427-1935)
									F.B. 2410-23
									ALONG S.P.R.R. 1085' ± N. AVE. S

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

SURVEY BY Cei Drein

NOTES BY B. Seimann DATE 12-2-68 WEATHER Very Windy INST. NO. 96216

INDEXED C.J. GALLI DATE TIME 2:05-2:05 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

F.B. 3878 PG 241

F 52°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-63 TO B.M. 101-64
B.M. 101-63									B.M. 101-63 (U.S. C. & G.S. S-427 1935)
									ALONG S.P.R.R. 1085'± N. AVE. S
1	131	185	432.5	143 119 24	123	936	424.5	135 111 24	SEE F.B. 2410-23
	123	936						24	
B.M. 101-64	7	249						48	B.M. 101-64 (U.S. C. & G.S. R-427 1935)
									ALONG S.P.R.R. 1245'± N AVE S
									SEE F.B. 2410-23

F.B. 3878 Pg. 242 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES SIEMANN 12-3-68

INDEXED B.J. GALLI DATE

T: 44°

WEATHER CLEAR INST. NO. 96716

TIME 9:48 TO 9:52 ROD NO. 9819

NOTES CHKD. [illegible] DATE JAN 22 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-63 TO BM101-62
BM101-63									BM101-63 (USC&GS S-427-1935) F.B. 2410-23 ALONG S.P.R.R. 1085' ± N. AVE. S
1	202	575	503 5	212 292 20	23	982	324 5	32 14 18 20 38	
	23	982							
	178	593							
									T. R. Moore
BM101-62									BM101-62 (USC&GS H-488-1955) F.B. 2410-22 ALONG S.P.R.R. 950' ± N. AVE. S.

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

SURVEY BY G. Preir

NOTES BY B. Seimann DATE 12-2-68

INDEXED C. J. GALLI DATE

WEATHER Very Windy

TIME 2:05-2:10

NOTES CHKD [illegible] DATE JAN 22 68

INST. NO. 96716

ROD NO. 9-19

F.B. 13878 PG 243

T=52°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-62 TO B.M. 101-63
B.M. 101-62									B.M. 101-62 (U.S.C.&G.S. H-488) 1955
									ALONG SPRR. 950' ± N. AVE. S
1	19	647	320.5	29 9 20	198	269	499	208 188 20	SEE F.B. 2410-22
					19	647		20	π = MOORE
B.M. 101-63					178	622		40	B.M. 101-63 (U.S.C.&G.S. S-427) (1935)
									ALONG SPRR 1085' ± N. AVE. S
									SEE F.B. 2410-23

F.B. 3878 Pg. 244 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Dreier NOTES SIEMANN 12-3-68

INDEXED C.J. GALLI DATE

T = 44°

WEATHER CLEAR INST. NO. 96716

TIME 9:45 TO 9:48 ROD NO. 9809

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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM101-62 TO BM101-61
BM101-62									BM101-62 (USC & GS-H-488-1955) F.B. 2410-22 ALONG SP. RR. 950' ± N. AVE. S
1	211	887	512 5	222 200 22	95	526	396 5	107 83 24	
	95	526						22	
	+116	361						46	
									T R. Moore
BM101-61									BM101-61 (USC & GS-J-488-1955) F.B. 2410-22 ALONG S.P. RR. 780' ± N. AVE. S & 41' N.E. SEMAPHORE # 415

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

SURVEY BY G. DREIR WEATHER VERY WINDY INST. NO. 96716

NOTES BY B. SEIMANN DATE 12-2-68 TIME 2:15-2:20 ROD NO. 9-19

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

T=52° F.B. 3878 Pg 245

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-61 TO B.M. 101-62
B.M. 101-61									B.M. 101-61 (U.S.C. & G.S. J-488 1955)
									✓ ALONG SPRR 780' ± N. AVE S & 41' ± NE.
1	94	128	395 5	107 ✓ 81 26	210	495	511 5	223 197 26	SEMA PHORE #4151
									✓ SEE F.B. 2410-22
					94	128 ✓		26	
B.M. 101-62					116	367 ✓		52	B.M. 101-62 (U.S.C. & G.S. H-488 1955)
									ALONG SPRR 950' ± N AVE S
									SEE F.B. 2410-22

T: 44°

WEATHER CLEAR INST. NO. 96716

TIME 9:41 TO 9:44 ROD NO. 9619

NOTES CHKD [signature] DATE JAN 26 '68

F.B. 3878 PG. 246 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN - 12-3-68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 101-61 TO BM 101-60
BM 101-61									BM 101-61 (USC & GS-
				129					J-488-1955)
1	166	217	467 5	153 26	129	322	430 5	142 116 26	F.B. 2410-22
									ALONG S.P. RR. 780' ± N. AVE. S
	129	322						26	& 41' ± NORTH EAST SEMAPHORE
	+36	895						52	# 415
									R. Moore
BM 101-60									BM 101-60 (USC & GS-
									V-427-1935)
									F.B. 2410-22
									S.P. RR. 605' ± N. AVE. S

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

SURVEY BY G. Preir

NOTES BY B. S. Eimann DATE 12-2-68

INDEXED R. J. GALLI DATE

WEATHER Very Windy INST. NO. 96716

TIME 2:20:2:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T=62° F.B. 3878 Pg 247

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 101-60 TO B.M. 101-61
B.M. 101-60									B.M. 101-60 (U.S.C.&G.S. V-427 1935)
									ALONG SPRR 605' ± N. AVE S
1	117	520	418 5	130 104 26	154	377	455 5	167 141 26	SEE F.B. 2410-22
					117	520		26	T = MOORE
B.M. 101-61					36	857		52	B.M. 101-61 (U.S.C.&G.S. J-488 1955)
									ALONG SPRR 780' ± N. AVE S
									& 41' ± NORTH EAST SEMAPHORE #4151
									SEE F.B. 2410-22

T = 44°

WEATHER CLEAR INST. NO. 96716

TIME 9:38 TO 9:40 ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 3878 PG. 248 JOB NO. 0301.02

SURVEY OF LA CO PRECISE LEVEL NET

SURVEY BY PREIER NOTES SIEMANN 12-3-68

INDEXED [illegible] DATE

...06 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 BM101-60 TO BM101-59
BM101-60													BM101-60 (USC & GS V-427-1935)
1	200	213	501	5	214 186	28	145	680	446	5	159 131	28	F.B. 2410-22
												28	S.P. RR. 605' ± N. AVE. S
	145	680											
	+54	533										56	
													π R. Moore
BM101-59													BM101-59 (USC & GS-W-427-1935 F.B. 2410-22 S.P. R.R. 445' N. AVE. S

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. Brein WEATHER Very Windy INST. NO. 96116
NOTES BY B. Seimann DATE 12-2-68 TIME 2:28-2:25 ROD NO. 9-19
INDEXED B.J. GALLI DATE NOTES CHKD [illegible] DATE JAN 22 69

JOB NO. 20102

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY OPLER NOTES SLENKAMER 12-3-68

INDEXED [illegible] DATE

NOTES CHKD

WEATHER CLEAR INST. NO. 26

TIME 9:24 T

T 440

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