Notes Ck'd by	Survey of L.A. Co. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date OCT. 72
Date	Indexed G.D. BAILEY DEC 4 1972

F. B. 4132 PG. 5

LINE 102

J.N. 0301.02

1972 RUN

PORTION BETWEEN B.M. 102-45A AND B.M. 102-61

OCTOBER 1972

REF.	SURVEY PARTY
F.B. 2412	R.L. STRADER
F.B. 2876	T.C. PETERSON, JR.
F.B. 3725	R.D. ANDERSON
F.B. 2437	R.J. RODRIGUEZ
	L.C. LOVE

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

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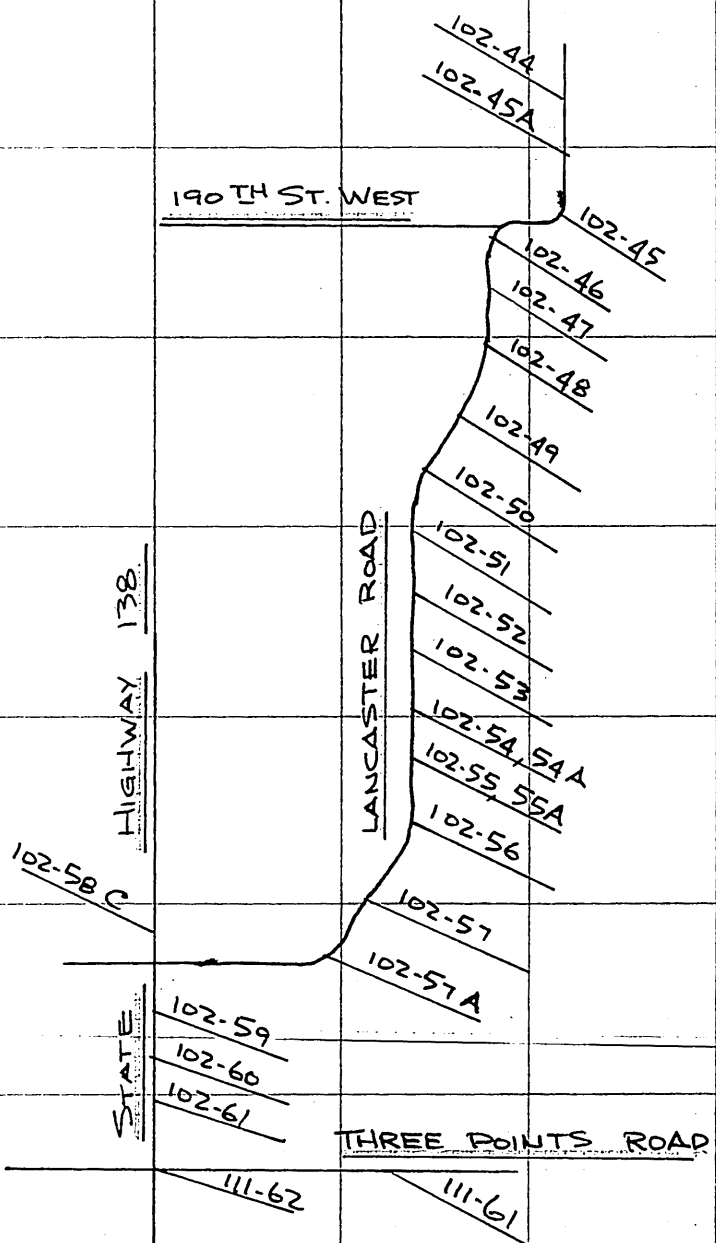
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095-CE#310-3-68

Microfilmed 11-84.

F. B. 4132 PG. 6

INDEX MAP
PORTION OF
LINE 102



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76P526B CE # 308 8/68

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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
B.M. 102-45A									FROM B.M. 102-45A TO B.M. 102-45
									B.M. 102-45 A
									AVE. F-8, ABOUT 0.22 MI.
				195				140	E. OF 190TH. ST. W. - NORTH SIDE
1	178	513	479 5	161 34	122	680	423 5	104 36	F.B 2876-10
				239				110	
2	209	991	510 5	179 60	80	553	381 5	50 60	$\overline{\Lambda}$ = STRADER
				239 94				93 96	
3	214	433	515 5	189 50	69	290	370 5	45 48	
				200 144				94 144	
4	186	622	487 5	172 28	79	625	380 5	64 30	
+	789	559		172	352	148		174	
B.M. 102-45 -	352	148						172	B.M. 102-45
+	437	411						346	AVE. F-8 & 190TH. ST. W.
									F.B. 24-12-49 (S.W.'ERLY FROM CTR. OF CURVE

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 13-OCT. '72

INDEXED LARAINE MIYATA DATE 4 DEC '72

WEATHER CLEAR & CALM

TIME 09:45 - 10:00

NOTES CHKD G.D. BAILEY DATE DEC 4 19

T=64°

F.B. 4132 PG. 7

INST. NO. 75234

ROD NO. 2139A-6

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F.B. 4132 PG. 8 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 16-OCT. '72

INDEXED G.D. BAILEY DATE

T = 62°

WEATHER CLOUDY & WINDY INST. NO. 75234 ROD NO. 21394-A

TIME 13:50 - 14:05 DATE 4 OCT. 72

NOTES CHECKED LORRAINE MIYATA

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-45 TO B.M. 102-45A
B.M 102-45				91				254	B.M. 102-45
1	67 350	368 5		43 48	230 091	531 5		206 48	AVE. F-8 & 190TH. ST. W.
				88				250	F.B. 2412-49 (S.W.ERLY FR. CTR. CURV.
2	58 008	359 5		28 60	220 439	521 5		190 60	
				121 108				216 108	
3	96 192	397 5		71 50	191 428	492 5		166 50	⅄ = STRADER
				146 158				163 158	
4	137 638	438 5		128 18	154 693	455 5		145 18	
+	359 188			176	796 651			176	
B.M 102-45A				+	359 188			176	B.M. 102-45A
				-	437 463			352	AVE. F-8, ABOUT 0.22 MI.
									E. OF 190TH. ST. W.
									F.B. 2876-10 NORTH SIDE

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

$T_1 = 68°$ F.B. 4132 PG. 9

SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75239

NOTES BY R. ANDERSON DATE 13 - OCT. '72 TIME 10:00 - 10:35 ROD NO. 2139A-B

INDEXED LARAINE MIYATA DATE 4 DEC '72 NOTES CHKD. G. D. BAILEY DATE DEC 4 197

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 102-45									FROM B.M. 102-45 TO B.M. 102-46
1	86	054	387 5	111 61 50	300	022	601 5	300 274 ½ 52	B.M. 102-45
				109				234	AVE. F-8 & 190TH. ST. W.
2	80	531	381 5	51 58	205	690	506 5	176 58	F.B. 2412-49 S.W. EAKY FROM CTR. CUR.
				124 108				217 110	
3	94	845	395 5	64 60	187	120	488 5	157 60	
				142 168				221 170	
4	113	812	414 5	84 58	192	805	493 5	163 58	
				106 226				226 228	
5	75	911	376 5	49 62	196	491	497 5	166 60	T = STRADER
				127 288				199 288	
6	98	265	399 5	69 58	170	135	471 5	141 58	
				175 346				199 346	
7	149	475	450 5	123 52	173	903	474 5	147 52	
				168 398				193 398	
8	158	999	459 5	148 20	183	921	484 5	173 20	
	+ 857	892		418	- 1610	087		418	
B.M. 102-46					+ 857	892		418	B.M. 102-46
					- 752	195		836	LANCASTER RD. & 190TH. ST. W.
									F.B. 2412-50 NORTH SIDE

76P526B CE # 308 8/68

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-46 TO B.M. 102-45
B.M. 102-46				204				218	B.M. 102-46
1	177	821	478 5	150 54	192	462	493 5	166 52	LANCASTER RD. & 190TH. ST. W
				254				118	F.B 2412-50 NORTH SIDE
2	220	715	521 5	186 68	84	286	385 5	50 68	
				227 122				98 120	
3	192	500	493 5	157 70	63	683	364 5	28 70	
				234 192				142 190	
4	202	203	503 5	170 64	111	508	412 5	80 62	T = STRADER
				219 256				122 252	
5	187	130	488 5	155 64	89	491	390 5	56 66	
				298 320				48 318	
6	267	578	568 5	236 62	15	723	316 5	15 1/2 66	
				200 382				138 384	
7	183	405	484 5	166 34	121	940	422 5	104 34	
	+ 1431	352		416	- 679	093		418	
B.M. 102-45	- 679	093						416	B.M. 102-45
	+ 752	259						834	AVE. F-8 & 190TH. ST. W.
									F.B 2412-49 (S.W. ERLY FR. CTR. COR.

F.B. 4132 PG. 10 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON - DATE: 16-OCT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY & WINDY INST. NO. 7523

TIME 13:20 - 13:50 ROD NO. 2139A

NOTES CHARAINE MIYATA DATE 4 DEC '72

T = 620

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY R.J.R DATE 13 OCT-72
INDEXED LARAINE MIYATA DATE 4 DEC 72
WEATHER Windy-clear INST. NO. 75234
TIME 10:40-11:10 ROD NO. 2139MB
NOTES CHK'D G.D. BAILEY DATE DEC 4 1972
F.B. 4132 PG. 11
TE 68

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-46													FROM BM102-46 TO BM102-47
1	179	092	480	5	200 158	42	123	452	424	5	143 103	40	BM 102-46
													LANCASTER Rd & 190TH ST W.
2	197	707	498	5	228 166	62	51	143	352	5	82 20	62	NO. SIDE OF Rd.
						104						102	FB 2412-50
3	206	190	507	5	236 176	60	59	420	360	5	89 29	60	
						164						162	
4	222	278	523	5	252 192	60	36	432	337	5	66 6	6 80	⊼ ANDERSON
						224						222	
5	209	230	510	5	239 179	60	57	912	358	5	87 27	60	
						284						282	
	237	693	538	5	267 207	60	85	140 ~~085~~	386	5	115 55	60	
						344						342	
7	171	781	472	5	192 150	42	108	742	409	5	129 87	42	
	+ 1423	971				386	522	241				384	
	− 522	241										386	
BM102-47 +	901	730										770	BM 102-47
													LANCASTER Rd & (AV "E-15") E
													0.5 MI W. OF 190TH ST W.
													FB 2412-51

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-47	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-47 TO BM102-46
1	93	945	394	5	124 62	62	194	402	495	5	226 162	64	BM102-47
													LANCASTER Rd & (AV "E-15")
2	41	643	342	5	76 6	70	234	012	535	5	269 199	70	0.5 MI W of 190TH ST W.
						132						134	FB 2412-51
3	47	558	348	5	82 12	70	250	582	551	5	284 216	68	
						202						202	⊼ ANDERSON
4	44	791	345	5	79 9	70	223	203	524	5	256 190	66	
						272						268	
5	61	430	362	5	95 27	68	207	312	508	5	242 172	70	
						340						338	
6	81	249	382	5	104 58	46	162	773	463	5	186 138	48	
	+ 370	616				386	1272	284				386	
						+	370	616				386	
BM102-46						-	901	668				7672	BM102-46
													LANCASTER Rd & 190TH ST W.
													NO. SIDE OF Rd.
													FB. 2412-50

F.B. 4132 PG. 12 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 16 OCT 72

INDEXED D.D. BAILEY DATE

WEATHER OVERCAST-Calm INST. NO. 75234

TIME 11:15 - 11:45 ROD NO. 2139 MB

NOTES CHKD LARAINE MIYATA DATE 6 OCT 72

E56°

76P526B CE # 308 8/68

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

SURVEY BY St Rader

NOTES BY R.J. Rodriguez DATE 13-OCT-72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER Windy-Clear INST. NO. 75234

TIME 11:15-11:50 ROD NO. 2139 MB

NOTES CHK. B.D. BAILEY DATE DEC 4 1972

F.B. 4132 PG. 13

T=70°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-47													FROM BM102-47 TO BM102-48
1	220	718	521	5	242 / 198	44	70	340	371	5	92 / 48	44	BM102-47
													LANCASTER Rd. & (AV "E-15")
2	234	732	535	5	263 / 205	58	42	807	343	5	71 / 13	58	0.5 mi W. of 190TH ST W. E. of Rd
						102						102	FB. 2412-51
3	240	035	541	5	268 / 212	56	44	961	345	5	71 / 17	54	
						158						156	⊼ ANDERSON
4	240	065	541	5	267 / 213	54	57	292	358	5	84 / 30	54	
						212						210	
5	250	432	551	5	277 / 223	54	47	103	348	5	74 / 20	54	
						266						264	
	243	744	544	5	269 / 217	52	34	742	335	5	61 / 7	54	
						318						318	
7	257	888	558	5	284 / 230	54	18	800	319	5	2) 45 / 18	54	
						372						372	
8	266	588	567	5	292 / 240	52	77	383	378	5	103 / 51	52	
						424						424	
9	150	298	451	5	156 / 144	12	106	060	407	5	112 / 100	12	BM102-48
+	2104	500				436	499	488				436	LANCASTER Rd & (AV "E-15")
BM 102-48 -	499	488										436	@ CURVE S.W. TO LANCASTER Rd
+	1605	012										872	~~NEY of Barbed wire Fn.~~
													FB. 2412-52

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM102-48													FROM BM102-48 TO BM102-47
1	98	078	399	5	144 72	62	220	298	571	5	297 243	54	BM102-48
													LANCASTER Rd (AV "E-15")
2	11	408	312	5	2) 37 11	52	255	568	556	5	282 228	54	@ CURVE S.W TO LANCASTER
						104						108	Rd.
3	13	044	314	5	2) 43 13	60	247	460	548	5	273 221	52	FB 2412-52
						164						160	
4	37	552	338	5	66 8	58	227	752	528	5	257 197	60	⊼ ANDERSON
						222						220	
5	48	695	349	5	76 20	56	244	192 ~~248~~	545	5	272 216	56	
						278						276	
6	44	808	345	5	73 15	58	251	340	552	5	280 222	58	
						336						334	
7	35	350	336	5	2) 66 35	62	237	708	538	5	266 208	58	
						398						392	
8	84	009	385	5	102 66	36	243	782 ~~749~~	544	5	264 222	42	
+	372	944				434	1978	100				434	
						+	372	944				434	
						−	1605	156				868	
BM102-~~74~~ 47													BM102-47
													LANCASTER Rd & (AV E-15)
													0.5 mi W. of 190TH ST W
													FB 2412-51

F.B. 4132 PG. 14

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 16 OCT 72

INDEXED G. D. BAILEY DATE

WEATHER OVERCAST windy INST. NO. 75235

TIME 10:30-11:15 ROD NO. 21394

NOTES CLARAINE MIYATA DATE 4 DEC '72

T=56°

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE OCT. 13, '72 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 13:15-14:00 ROD NO. 239A-B
INDEXED LARAINE MIYATA DATE ~~4 DEC '72~~ NOTES CHK G.D. BAILEY DATE DEC 4 1972

T=72°

F.B. 4132 PG. 15

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
B.M. 102-48													FROM B.M. 102-48 TO B.M. 102-49
1	211	431	512	5	238 / 184	54	181	602	482	5	208 / 154	54	B.M. 102-48
													LANCASTER RD., (E-15)
2	142	888	443	5	172 / 112	60	175	890	476	5	205 / 145	60	SW'LY OF CURVED ROAD,
						114						114	F.B. 2412-52
3	186	649	487	5	216 / 156	60	178	061	479	5	208 / 148	60	
						174						174	
4	205	931	506	5	233 / 177	56	166	910	467	5	194 / 138	56	
						230						230	
5	139	798	440	5	170 / 108	62	201	382	502	5	235 / 167	68	T R. RODRIGUEZ
						292						298	
6	114	720	415	5	144 / 84	60	165	780	466	5	192 / 138	54	
						352						352	
7	150	688	451	5	166 / 134	32	93	112	394	5	107 / 77	30	
+	1152	105				384	1162	737				382	
						+	1152	105				384	
						-	10	632				766	
B.M. 102-49													B.M. 102-49
													LANCASTER RD. ABOUT 0.45
													MILE NW'LY OF AVE. E-15,
													SW'LY SIDE OF ROAD
													F.B. 2412-53

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 102-49													FROM B.M. 102-49 TO B.M. 102-48
1	109	520	410	5	139 / 79	60	144	120	445	5	174 / 114	60	B.M. 102-49
													LANCASTER RD., ABOUT 0.45
2	197	249	498	5	228 / 166	62	118	292	419	5	150 / 86	64	MILE NW'LY OF AVE. E-15
						122						124	S'LY SIDE OF ROAD
3	170	449	471	5	202 / 138	64	162	841	463	5	192 / 132	60	F.B. 2412-53
						186						184	
4	126	919	427	5	158 / 94	64	145	300	446	5	175 / 115	60	
						250						244	
5	127	280	428	5	156 / 98	58	114	052	415	5	146 / 82	64	⊼ R. RODRIGUEZ
						308						308	
6	166	902	467	5	200 / 132	68	203	009	504	5	237 / 169	68	
+	898	319				376	887	614				376	
−	887	614										376	
+	10	705										752	
B.M. 102-48													B.M. 102-48
													LANCASTER RD. (E-15)
													@ CURVE (SW'LY OF)
													F.B. 2412-52

F.B. 4132 PG. 16 JOB NO. 0301.02 T = 56°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 16, '72

INDEXED B.D. BAILEY DATE

WEATHER CLOUDY CALM INST. NO. 75234

TIME 10:10-10:30 ROD NO. 2139A

NOTES CHKD LARAINE MIYATA DATE 4 DEC '72

76P526B CE # 308 8/68

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE OCT. 13, '72

INDEXED LARAINE MIYATA DATE 4 DEC '72

WEATHER CLEAR-CALM INST. NO. 75234

TIME 14:20-14:50 ROD NO. 2139 A.B

NOTES CHK. G.D. BAILEY DATE DEC 4 1972

T = 72°

F.B. 4132 PG. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 102-49													FROM B.M. 102-49 TO B.M. 102-50
1	63	151	364	5	93 63	1/2 60	214	430	515	5	244 184	60	B.M. 102-49
													LANCASTER RD., ABOUT 0.45
2	125	881	426	5	155 95	60	156	871	457	5	186 126	60	MILE NW'LY OF E-15 (AVE.)
						120	168	012				120	SW'LY SIDE OF ROAD
3	151	389	452	5	181 121	60	~~167~~	~~062~~	469	5	198 138	60	F.B. 2412-53
						180						180	
4	102	150	403	5	132 72	60	200	280	501	5	230 170	60	
						240						240	
5	80	290	381	5	110 50	60	238	741	539	5	268 208	60	⊼ R. RODRIGUEZ
						300						300	
6	72	569	373	5	102 42	60	216	583	517	5	246 186	60	
						360						360	
7	104	762	405	5	134 74	60	212	080	513	5	242 182	60	
						420						420	
8	132	968	433	5	145 119	26	112	431	413	5	126 98	28	
+	833	160				446	1519	428				448	
						+	833	160				446	
						−	686	268				894	
B.M. 102-50													B.M. 102-50
													LANCASTER RD., ABOUT 1.0
													MILE NW'LY OF AVE. E-15,
													S'LY SIDE OF ROAD
													F.B. 2412-54

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 102-50									FROM B.M. 102-50 TO B.M. 102-49
1	134	319	435 5	154 114 40	135	571	436 5	155 115 40	B.M. 102-50
									LANCASTER RD, ABOUT
2	214	932	515 5	244 184 60	89	410	390 5	120 58 62	1.0 MILE NW'LY OF
				100				102	AVE. E-15 S'LY SIDE ROAD,
3	237	799	538 5	267 207 60	90	868	391 5	120 60 60	F.B. 2412-54
				160				162	
4	253	462	554 5	285 221 64	91	832	392 5	124 58 66	
				224				228	
5	199	732	500 5	231 167 64	136	570	437 5	166 106 60	⊼ R. RODRIGUEZ
				288				288	
6	163	319	464 5	196 130 66	150	811	451 5	182 118 64	
				354				352	
7	178	791	479 5	208 148 60	97	001	398 5	128 66 62	
				414				414	
8	187	751	488 5	202 172 30	91	712	392 5	106 76 30	
+	1570	105		444	883	775		444	
-	883	775						444	
+	686	330						888	
B.M. 102-49									B.M. 102-49
									LANCASTER RD, ABOUT
									0.45 MILE NW'LY OF
									AVE E-15, S'LY SIDE OF ROAD,
									FB. 2412-53

F.B. 4132 PG. 18 JOB NO. 0301.02 T=56°

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 16 '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 9:35-10:05 ROD NO. 21394

NOTES CHK. LARAINE MIYATA DATE 4 DEC '72

76P526B CE # 308 8/68

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 R.L. STRADER
NOTES BY R.L.S. DATE OCT. 24, '72
INDEXED LARAINE MIYATA DATE 4 DEC '72
WEATHER CLEAR - CALM INST. NO 75234
TIME 9:35-10:25 ROD NO 2139 A-B
NOTES CHKD G.D. BAILEY DATE DEC 4 1972
T=72°
F.B. 4132 PG. 19

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 102-50													FROM B.M. 102-50 TO B.M. 102-51
1	90	807	391	5	112 / 68	44	270	364	571	5	292 / 248	44	B.M. 102-50
													LANCASTER RD., ABOUT 1.0
2	108	408	409	5	136 / 80	56	241	889	542	5	269 / 213	56	MILE NW'LY OF AVE. E-15,
						100						100	0.35 MILE EAST OF 210TH ST W,
3	47	256	348	5	75 / 19	56	217	701	518	5	245 / 189	56	SO. SIDE OF ROAD
						156						156	F.B. 2412-54
4	48	335	349	5	76 / 20	56	263	561	564	5	291 / 235	56	
						212						212	
5	87	577	388	5	116 / 58	58	171	898	472	5	199 / 143	56	⊼ T. PETERSON
						270						268	
6	144	427	445	5	173 / 115	58	223	672	524	5	252 / 194	58	
						328						326	
7	162	652	463	5	191 / 133	58	178	517	479	5	207 / 149	58	
						386						384	
8	95	190	396	5	122 / 68	54	218	817	519	5	246 / 190	56	
						440						440	
9	156	251	457	5	177 / 135	42	161	963	462	5	182 / 140	42	
+	940	903				482	1948	382				482	
						+	940	903				482	
						−	1007	479				964	
B.M. 102-51													B.M. 102-51
													LANCASTER RD. 0.3 MILE
													W. OF 210TH ST. W.
													F.B. 2412-55

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
BM102-51													FROM BM102-51 TO BM102-50
1	153	147	454	5	181 / 125	56	114	938	415	5	142 / 86	56	BM102-51
													LANCASTER Rd. 0.3 Mi W. of
2	202	204	503	5	230 / 174	56	99	521	400	5	127 / 71	56	210TH ST W.
						112						112	FB. 2412-55
3	132	539	433	5	160 / 104	56	105	863	406	5	133 / 77	56	
						168						168	⊼ PETERSON
4	219	067	520	5	247 / 191	56	149	968	450	5	177 / 121	56	
						224						224	
5	190	420	491	5	218 / 162	56	70 / 69	154	371	5	99 / 41	58	
						280						282	
6	216	921	517	5	244 / 188	56	55	508	356	5	84 / 26	58	
						336						340	
7	226	335	527	5	255 / 197	58	66	898	367	5	93 / 39	54	
						394						394	
8	236	978	537	5	264 / 208	56	97	378	398	5	125 / 69	56	
						450						450	
9	202	928	503	5	223 / 181	42	93	281	394	5	114 / 72	42	
						492						492	
10	210	101	511	5	216 / 204	12	129	282	430	5	135 / 123	12	
	+ 1990	640				504	982	791				504	
BM102-50	− 982	791										504 / 1008	BM102-50
	+ 1007	849											LANCASTER RD. 1.0 Mi
													N.W.LY. of AV "E-15"
													0.35 Mi EAST of 210TH ST W.
													SO. SIDE of RD.
													FB. 2412-54

F.B. 4132 PG. 20 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY NOTES RODRIGUEZ 1-NOV-72

INDEXED G.D. BAILEY DATE

WEATHER overcast-windy INST. NO. 75234

TIME 14:15-15:02 ROD NO. 2139NB

NOTES CHAPPINE MIYATA DATE 4 DEC '72

T=62°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
B.M. 102-51									FROM B.M. 102-51 TO B.M. 102-50
1	154	409	455 5	179 129 50	130	396	431 5	155 105 50	B.M. 102-51
									LANCASTER RD., ABOUT
2	205	287	506 5	231 179 52	94	989	395 5	120 ~~22~~ 68 52	0.3 MI. W. OF 210TH ST W.
				102				102	F.B. 2412-55
3	159	797	460 5	185 133 52	159	868	460 5	186 132 54	
				154				156	
4	196	662	497 5	213 179 34	137	611	438 5	153 121 32	
				188				188	
5	171	253	472 5	197 145 52	135	207	436 5	160 110 50	⊼ T. PETERSON
				240				238	
6	203	472	504 5	229 177 52	51	210	352 5	77 25 52	
				292				290	
7	241	752	542 5	267 215 52	69	835	370 5	95 43 52	
				344				342	
8	244	138	545 5	269 219 50	70	748	371 5	95 45 50	
				394				392	RERUN
9	219	508	520 5	244 194 50	102	003	403 5	27 77 50	
				444				442	
10	258	448	559 5	278 238 40	95	433	396 5	116 74 42	
	+ 2054	726		484	1047	300		484	
	1047	300						484	
	+ 1007	426						968	
B.M. 102-50									B.M. 102-50
									LANCASTER RD., ABOUT 1.0 MI.
									NW'LY OF "E-15", 0.35 MI
									E. OF 210TH ST. W., S. SIDE ROAD
									F.B. 2412-54

F.B. 4132 PG. 22 JOB NO. 0301.02 T=68°

SURVEY OF L.A. CO. PRECISE LEVEL NET NOV. 2, '72 WEATHER CLEAR-CALM INST. NO. 75234

SURVEY BY R.L.S. NOTES R.L. STRADER TIME 11:20-12:10 ROD NO. 2139A8

INDEXED G.D. BAILEY DATE NOTES CHAINED MIYATA DATE 4 DEC '72

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 23 OCT 72 WEATHER Clear Calm INST. NO 75234

INDEXED LARAINE MIYATA DATE 4 DEC 72 TIME 10:40-11:20 ROD NO. 2139 HB

NOTES CHKD G.D. BAILEY DATE DEC 4 1972

F.B. 4132 PG. 23

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM102-51													FROM BM102-51 TO BM102-52
1	119	242	420	5	137 101	36	183	372	484	5	201 165	36	BM102-51
													LANCASTER Rd. 0.3 MI W.
2	111	236	412	5	140 82	58	212	061	513	5	242 182	60	of 210TH ST W.
						94						96	FB 2412-55
3	94	630	395	5	117 71	46	172	872	473	5	194 150	44	
						140						140	⊼ PETERSON
4	87	317	388	5	116 58	58	165	246	466	5	194 136	58	
						198						198	
5	77	707	378	5	106 48	58	209	976	510	5	239 179	60	
						256						258	
	113	625	414	5	142 84	58	209	406	510	5	238 180	58	
						314						316	
7	140	039	441	5	153 127	26	106	189	407	5	118 94	24	
+	743	796				340	1259	122				340	
						+	743	796				340	
BM102-52						-	515	326				680	BM102-52
													LANCASTER Rd 0.8 MI EAST
													of 224TH ST W. No. SIDE
													FB 2412-56

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-52	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-52 TO BM102-51
1	111	860	412	5	131 / 91	40	104	479	405	5	125 / 83	42	BM102-52
													LANCASTER Rd. 0.8 Mi E. of
2	183	037	484	5	211 / 155	56	104	528 / ~~586~~	405	5	132 / 76	56	224th ST W. NO SIDE
						96						98	FB 2412-56
3	222	179	523	5	250 / 194	56	114	698	415	5	140 / 88	52	
						152						150	⊼ PETERSON
4	190	258	491	5	218 / 162	56	106	088	407	5	135 / 77	58	
						208						208	
5	204	722	505	5	232 / 176	56	92	996	393	5	121 / 63	58	
						264						266	
6	195	626	496	5	223 / 167	56	114	148	415	5	143 / 85	58	
						320						324	
7	168	372	469	5	179 / 157	22	123	697	424	5	132 / 114	18	
+	1276	054				342	760	634				342	
−	760	634										342	
BM102-51 +	515	420										684	BM102-51
													LANCASTER Rd 0.3 Mi W
													of 210th ST W.
													FB 2412-55

F.B. 4132 PG. 24 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECI

SURVEY BY STRADER NOTES R.J.R. 1-NOV-72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST-WIND INST. NO. 7523

TIME 13:45-14:15 ROD NO. 2139 AB

NOTES CHECK MIYATA DATE 4 DEC '72

T=64°

76P526B CE # 308 8/68

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
BM 102-52									FROM BM 102-52 TO BM 102-53
1	100	530	401 5	128 72 56	187	980	488 5	215 159 56	BM 102-52
2	111	602	412 5	138 84 54	162	515	463 5	190 134 56	LANCASTER RD ABOUT 0.8 MI E. OF 224TH ST. W. NORTH SIDE
				110				112	F.B. 2412-56
3	94	928	395 5	123 65 58	160	642	461 5	189 131 58	
				168				170	
4	125	570	426 5	154 96 58	127	908	428 5	156 98 58	
				226				228	ANDERSON
5	97	937	398 5	125 69 56	~~137~~	~~808~~	~~438 5~~	~~159 117 40~~	
				282	148	328	449 5	175 121 54	
6	117	603	418 5	147 87 60	63	795	364 5	93 33 60	282
				342				342	
7	205	610	506 5	231 179 52	39	472	340 5	65 13 52	
				394				394	
8	189	678	490 5	210 168 42	31	~~147~~ 232	332 5	52 10 42	
	+ 1043	458		436	921	872		436	
	− 921	872						436	
	+ 121	586						872	
BM 102-53									BM 102-53
									LANCASTER RD ABOUT 0.25 MI E. OF 224TH ST. W. N. SIDE
									F.B. 2412-57

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 24 OCT 72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER CLEAR & CALM

TIME 11:25-12:00

NOTES CHK'D D. BAILEY

INST. NO. 75234

ROD NO. 2139AC

DEC 4 1972

T=72

F.B. 4132 PG. 25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-53	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-53 TO BM102-52
1	59	613	360	5	78 40	38	190	741	491	5	210 170	40	BM102-53
2	31	070	332	5	56 6	50	200	542	501	5	225 175	50	LANCASTER Rd .25 Mi EAST of 224TH ST W. No. SIDE
						88						90	FB 2412-57
3	56	062	357	5	80 32	48	142	573	443	5	167 117	50	
						136						140	⊼ ANDERSON
4	158	792	459	5	183 133	50	118	930	419	5	143 93	50	
						186						190	
5	156	010	457	5	184 128	56	146	558	447	5	172 120	52	
						242						242	
6	147	290	448	5	173 121	52	116	080	417	5	142 90	52	
						294						294	
7	170	880	471	5	195 145	50	114	008	415	5	138 90	48	
						344						342	
8	165	378	466	5	190 140	50	116	202	417	5	141 91	50	
						394						392	
9	143	470	444	5	164 122	42	65	028	366	5	87 43	44	BM102-52
+	1088	565				436	1210	662				436	LANCASTER Rd. 0.8 EAST of
						+	1088	565				436	224TH ST W. No. SIDE
BM102-52						−	122	097				872	FB. 2412-56

F.B. 4132 PG. 26

JOB NO. 030102

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 1-NOV-72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST WINDY INST. NO. 75234

TIME 11:35-12:15 ROD NO. 2139A

NOTES CH. LORAINE MIYATA DATE 4 DEC '72

T=64°

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
BM102-53									FROM BM102-53 TO BM102-52
1	55	260	356 5	73 37 36	185	833	486 5	203 167 36	BM102-53
									LANCASTER Rd. .25 mi East
2	52	118	353 5	73 31 ~~52~~ 4	186	718	487 5	208 164 44	of 224th ST W. No SIDE
				78				80	FB 2412-57
3	45	192	346 5	70 20 50	172	452	473 5	197 147 50	
				128				130	π PETERSON
4	157	055	458 5	185 129 56	115	708	416 5	144 86 58	
				184				188	
5	158	248	459 5	189 127 62	145	798	446 5	175 115 60	
				246				248	
6	156	587	457 5	183 129 54	116	~~240~~ 163	417 5	143 89 54	
				300				302	
7	171	508	472 5	198 144 54	101	962	402 5	129 73 56	
				354				358	
8	155	570	456 5	181 129 52	120	534	421 5	144 96 48	
				406				406	
9	140	998	441 5	155 125 30	49	030	370 5	84 54 30	
+	1092	536		436	-1214	198		436	
				+	1092	536		436	
BM102-52				-	121	662		872	BM102-52
									LANCASTER Rd. 0.8 mi East
									of 224th ST W. No. SIDE
									FB 2412-56

F.B. 4132 Pg. 28 JOB NO. 030102

SURVEY OF L. A. CO. PRECISE LEVEL NOT

SURVEY BY NOTES RODRIGUEZ 2 NOV 72

INDEXED G. D. BAILEY DATE

WEATHER Clear Calm INST. NO. 75234

TIME 10:30-11:10 ROD NO. 2139 MB

NOTES CHAIN LARAINE MIYATA DATE 4 DEC '72

T = 68°

76P526B CE # 308 8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 24 OCT 72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER CLEAR & BREEZY

TIME 13:05-14:00

NOTES CHKD. D. BAILEY DATE DEC 4 1972

F.B. 4132 PG. 29

INST. NO. 75234

ROD NO. 139AB

T=74°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-53													FROM BM102-53 TO BM102-54
1	136	623	437	5	161 / 111	50	67	389	368	5	92 / 42	50	BM102-53
													LANCASTER RD ABOUT ONE
2	214	590	515	5	243 / 185	58	34	561	335	5	63 / 5	58	QUARTER MILE E. OF 224TH ST. W.
						108						108	NORTH SIDE OF ROAD.
3	211	923	512	5	237 / 185	52	42	720	343	5	69 / 15	54	F.B. 2412-57
						160						162	
4	183	122	484	5	209 / 157	52	95	~~792~~ 840	396	5	121 / 69	52	
						212						214	
5	192	372	493	5	218 / 166	52	131	223	432	5	157 / 105	52	⊼ ANDERSON
						264						266	
6	209	822	510	5	228 / 190	38	15	623	316	5	(1/2) 34 / 15	38	
						302						304	
7	253	741	554	5	262 / 244	18	13	157	314	5	22 / 4	18	
						320						322	
8	270	249	571	5	276 / 264	12	42	878	343	5	48 / 36	12	
						332						334	
9	285	692	586	5	294 / 276	18	45	372	346	5	55 / 35	20	
						350						354	
10	212	607	513	5	226 / 198	28	45	678	346	5	57 / 33	24	
						378						378	
11	194	120	495	5	206 / 182	24	35	753	336	5	46 / 24	22	
	+ 2364	861				402	570	194				400	
	− 570	194										402	
	+ 1794	667										802	
BM102-54													BM 102-54
													LANCASTER RD ABOUT 0.25 MI
													W. OF 224TH ST. W. NORTH SIDE
													F.B. 2412-58

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM102-54													FROM BM102-54 TO BM102-53
1	41	037	342	5	52 30	22	205	098	506	5	216 194	22	BM102-54
													LANCASTER RD ABOUT 0.25 MI
2	33	285	334	5	49 17	32	255	073	556	5	272 238	34	W. OF 224TH ST. W. NO. SIDE
						54						56	FB. 2412-58
3	51	032	352	5	59 43	16	270	722	571	5	278 262	16	
						70						72	
4	19	803	320	5	25 13	12	282	473	583	5	288 276	12	
						82						84	
5	18	849	319	5	27 9	18	233	020	534	5	242 224	18	
						100						102	^ ANDERSON
6	35	278	336	5	51 19	32	182	~~468~~ 702	483	5	198 166	32	
						132						134	
7	120	625	421	5	152 88	64	202	752	503	5	233 171	62	
						196						196	
8	94	231	395	5	124 64	60	214	223	515	5	245 183	62	
						256						258	
9	20	931	321	5	(1/2) 50 20	60	224	701	525	5	254 194	60	
						316						318	
10	58	630	359	5	85 31	54	206	307	507	5	232 180	52	
						370						370	
11	109	620	410	5	123 95	28	120	578	421	5	134 106	28	
+	603	321				398	2397	649				398	
							+ 603	321				398	
							− 1794	328				796	
BM102-53													BM102-53
													LANCASTER RD ABOUT 0.25 MI
													E. OF 224TH ST. W.
													NORTH SIDE
													FB. 2412-57

F.B. 4132 PG. 30 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY B.L.S. NOTES PETERSON 31 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75231

TIME 14:10 – 14:55 ROD NO. 21390

NOTES CHILD ARAINE MIYATA DATE 4 DEC '72

T=62°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM. 102-54	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-54 TO 102-53
1	37	708	338	5	48 26	22	201	375	502	5	212 190	22	B.M. 102-54
													LANCASTER RD., ABOUT
2	36	242	337	5	52 20	32	260	272	561	5	277 243	34	0.25 MI. W. OF 224TH ST W.
						54						56	NORTH SIDE ROAD
3	24	458	325	5	35 13	22	286	267	587	5	296 276	20	F.B. 2412-58
						76						76	
4	42	442	343	5	47 37	10	286	212	587	5	292 280	12	
						86						88	
5	27	372	328	5	35 19	16	216	148	517	5	224 208	16	⊼ R. ANDERSON
						102						104	
6	36	509	337	5	52 20	32	181	937	482	5	197 165	32	
						134						136	
7	129 ~~[illegible]~~	938	430	5	154 104	50	196	003	497	5	221 171	50	RERUN
						184						186	
8	103	081	404	5	129 77	52	179	788	480	5	205 153	52	
						236						238	
9	52	955	353	5	77 27	50	224	649	525	5	250 198	52	
						286						290	
10	54	872	355	5	79 29	50	204	053	505	5	227 181	46	
						336						336	
11	77	708	378	5	99 55	44	198	044	499	5	221 175	46	
						380						382	
12	128	763	429	5	137 119	18	112	229	413	5	121 103	18	
+	752	048				398	2546	977				400	
B.M. 102-53						+	752	048				398	B.M. 102-53
						-	1794	929				798	LANCASTER RD., ABOUT 0.25 MI. E. OF 224TH ST. W., N. SIDE RD.
													F.B. 2412-57

F.B. 4132 PG. 32 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 1, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-BREEZE INST. NO. 75234

TIME 10:40-11:25 ROD NO. 2139A-B

NOTES CHECKED LORAINE MIYATA DATE 4 DEC '72

T=64°

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

T. = 76°

F.B. 4132 PG. 33

SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 24 - OCT. '72 TIME 14:05 - 14:15 ROD NO. 2139 A-B

INDEXED LARAINE MIYATA DATE 4 DEC '72 NOTES CHK'D G. D. BAILEY DATE DEC 4 1972

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

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend 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
BM102-54				280				98	FROM BM102-54 TO BM102-54A
1	253	061	554 5	226 54	71	242	372 5	44 54	B.M. 102-54
	203			230				120	AVE. D-15, ABOUT 0.25
2	~~403~~	312	504 5	176 54	94	488	395 5	68 52	MI. W. OF 224TH ST. W.
	+ 456	373		108	165	730		100	F.B. 2912-58 NORTH SIDE
	- 165	730						108	
	+ 290	643						214	
B.M. 102-54A									

X = RODRIGUEZ

B.M. 102-54A

AVE. D-15

F.B. 3725-124 NORTH SIDE

76P526B CE # 308 8/68

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.

F.B. 4132 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 31-OCT. '72

INDEXED G.D. BAILEY DATE

NOTES CHARLINE MIYATA DATE 4 DEC. '7

TIME 13:55-14:05 ROD NO. 2139 INST. NO. 7523

WEATHER CLEAR & CALM

T = 62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-54A TO B.M. 102-54
B.M. 102-54A									B.M. 102-54A
									AVE. "D"-15, 0.55 MI. E. OF
									235TH. ST. W. NORTH SIDE
				124				233	F.B 3725-124
1	99 621	400 5		74 50	207 010	508 5		181 52	
				103				285	T = RODRIGUEZ
2	75 443	376 5		47 56	258 798	559 5		231 54	
+	175 064			106	465 808			106	
B.M. 102-54					+ 175 064			106	B.M. 102-54
					- 290 744			212	AVE. "D"-15, ABOUT
									0.25 MI. W. OF 224TH. ST. W
									F.B 2412-58 NORTH SIDE

76P526B CE # 308 8/68

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	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M.102-54A													FROM B.M. 102-54A TO B.M. 102-55
1	95	340	396	5	118 72	46	301	000	602	5	301 280½	42	B.M. 102-54A
					145						88		AVE. D-15
2	113	021	414	5	81	64	55	968	356	5	22	66	0.55 MILE EAST OF 235TH ST. W.
					272	110					212	108	F.B. 3725-124 NORTH SIDE
3	241	433	542	5	210	62	181	931	482	5	150	62	
					186	172					192	170	
4	155	578	456	5	124	62	160	803	461	5	128	64	
					110	234					234	234	⊼ = RODRIGUEZ
5	85	700	386	5	60	50	209	643	510	5	184	50	
					237	284					52	284	
6	209	772	510	5	181	56	23	831	324	5	23½	58	
					292	340					51	342	
7	292	178	593	5	262½	60	21	942	322	5	21½	60	
		188			287	400					100	402	
8	254	~~18~~	555	5	221	66	69	462	370	5	38	62	
					~~187~~ 218	466					50	464	
9	194	212	495	5	170	48	26	138	327	5	26½	48	
+	1641	422				514	1050	718				512	
B.M. 102-55	1050	718										514	B.M. 102-55
+	590	704										1026	LANCASTER RD. SOUTH SIDE
													150' W OF AQUEDUCT CHANNEL
													F.B 2412-59 ~~[illegible]~~

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

SURVEY BY P.L. STRADER

NOTES BY R. ANDERSON DATE 24-OCT. '72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER CLEAR & CALM

TIME 14:25-15:05

NOTES CHKD. G.D. BAILEY DATE DEC 4 1972

INST. NO. 75234

ROD NO. 2139 A.B.

T = 76°

F.B. 4132 PG. 35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 36 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STROBER NOTES ANDERSON DATE: 31-OCT. '72

INDEXED BY D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 252.31 ROD NO. 2/3 PK

TIME 13:10 - 13:55 DATE 4 DEC '72

NOTES CHK LAINE MIYATA

T. = 60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 102-55 TO B.M. 102-54A
B.M. 102-55					59						193		B.M. 102-55
1	44	712	345	5	30	28	180	290	481	5	167	26	LANCASTER RD. E. W. SIDE
		649			118						294		OF AQUEDUCT CHANNEL
2	88	~~660~~	389	5	58	60	263	201	564	5	232	62	F.B. 2412-57 SOUTH SIDE OF RD.
					96	88					273	88	
3	67	672	368	5	38	58	273	310	574	5	243½	60	
					46	146					300	148	
4	14	002	315	5	14½	64	300	110	601	5	268½	64	T = RODRIGUEZ
					244	210		979			122	212	
5	214	600	515	5	184	60	92	~~952~~	393	5	62	60	
					198	270					183	272	
6	168	631	469	5	138	60	154	741	455	5	125	58	
					210	330					247	330	
7	182	760	483	5	154	56	218	262	519	5	189	58	
					110	386					244	388	
8	84	048	385	5	58	52	188	558	489	5	162	52	
					285	438					100	440	
9	285	700	586	5	255½	60	70	080	371	5	40	60	
	+1150	774				498	-1741	531				500	
B.M. 102-54A							+1150	774				498	B.M. 102-54A
							-590	757				998	AVE. "D"-15, 0.55 MI.
													E. OF 235TH. ST. W.
													F.B. 3725-124 NORTHSIDE

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

T=64°

F.B. 4132 PG. 37

SURVEY BY R. L. STRADER WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 26 - OCT. '72 TIME 13:05 ROD NO. 2139A-B

INDEXED LARAINE MIYATA DATE 4 DEC '72 NOTES CHKD G.D. BAILEY DATE DEC 4 1972

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 102-55 TO B.M. 102-55A
B.M. 102-55									B.M. 102-55
									150° ± FT. WEST OF THE
									CALIF. AQUEDUCT
									F.B. 2412-59 SOUTH SIDE
				228				76	
1	212	262	573 5	196 32	60	278	361 5	44 32	T = RODRIGUEZ
B.M. 102-55A	212	262			60	278		32	B.M. 102-55A
-	60	278						64	360° ± FT. WEST OF THE
+	151	984							CALIF. AQUEDUCT
									F.B. 3725-126 SOUTH SIDE

76P526B CE # 308 8/68

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						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-55A TO B.M. 102-55
B.M. 102-55A													B.M. 102-55A
													360°± FT. WEST OF THE
													CALIF. AQUEDUCT
													F.B. 3725-126 SOUTH SIDE
					74						227		
1	59	221	360	5	44	30	211	252	512	5	195	32	⊼ = RODRIGUEZ
												30	
	59	221					-211	252				62	
							-59	221					
							-152	031					
BM 102-55													BM. 102-55
													150°± FT. WEST OF THE
													CALIF. AQUEDUCT
													F.B. 2412-59

F.B. 4132 PG. 38 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 31-OCT. '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR/CALM INST. NO. 75234

TIME 12:00 ROD NO. 2139 A R

NOTES CHK. LORAINE MIYATA DATE 4 DEC '7

T = 60°

76P526B CE # 308 8/68

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						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-55A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-55A TO B.M. 102-56
1	58	631	359	5	74 42	32	131	621	432	5	147 115	32	B.M. 102-55A
					286						108		
2	286	831	587	5	258 ½	56	81	620	382	5	54	54	
					245	88					118	86	F.B. 3725-126 SOUTH SIDE
3	218	277	519	5	191	54	90	252	391	5	62	56	
					199	142					186	142	
4	172	160	473	5	145	54	159	852	460	5	132	54	$\overline{\pi}$ = RODRIGUEZ
					280	196					216	196	
5	280	002	581	5	242 ½	76	179	418	480	5	142	74	
					196	272					39	270	
6	172	230	473	5	148	48	15	660	316	5	15 ½	48	
					296	320		080			55	318	
7	282	458	583	5	268	28	40	~~109~~	341	5	25	30	
					258	348					34	348	
8	237	129	538	5	216	42	12	460	313	5	12 ½	44	
					216	390		939			80	392	
9	210	517	511	5	204	12	74	~~929~~	375	5	68	12	
	+1918	235				402	785	902				404	
B.M. 102-56	785	902										402	B.M. 102-56
	+1132	333										806	AVE. "D"-15 & LANCASTER RD.
													F.B. 2412-60 SOUTH OF CURVE

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON DATE 26 - OCT. '72

INDEXED LARAINE MIYATA DATE 4 DEC '72

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 13:10 - 14:00 ROD NO. 2139A-B

NOTES CHKD. G.D. BAILEY DATE DEC 4 1972

T = 64°

F.B. 4132 PG. 39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 102-56 TO B.M. 102-55A
B.M. 102-56				63				292	B.M. 102-56
1	48	388	349 5	33 30	292	172	593 5	277½ 30	AVE. "D"-15 & LANCASTER
				79				254	RD. SOUTH OF CURVE
2	59	421	360 5	39 40	234	070	535 5	214 40	F.B. 2412-60
				34 70				256 70	
3	21	528	322 5	8 26	246	480	547 5	236 20	
				78 96				152 90	
4	60	790	361 5	42 36	130	548	431 5	108 44	
				127 132				286 134	π = RODRIGUEZ
5	92	030	393 5	57 70	252	282	553 5	218 68	
				200 202				182 202	
6	172	972	473 5	144 56	154	768	455 5	126 56	
				112 258				252 258	
7	83	532	384 5	54 58	224	703	525 5	196 56	
				110 316				246 314	
8	80	212	381 5	50 60	216	359	517 5	186 60	
+	618	873		376	1751	382		374	
B.M. 102-55A				+	618	873		376	B.M. 102-55A
				-	1132	509		750	
									F.B. 3725-126 SOUTH SIDE

T. = 58°

WEATHER CLEAR & CALM INST. NO. 75234

TIME 11:20 - 12:00 ROD NO. 2139A

NOTES CHAINED LARAINE MIYATA DATE 4 DEC '72

F.B. 4132 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 31-OCT. '72

INDEXED G.D. BAILEY DATE

76P526B CE # 308 8/68

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.

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

SURVEY BY 120 DIRIGUEZ STRadin DATE 26 OCT 72 TIME 14:00-14:35 WEATHER Overcast INST. NO 75234 ROD NO 213988

NOTES BY LARAINE MIYATA DATE 4 DEC 72 NOTES CHKD. G. D. BAILEY DATE DEC 4 1972

INDEXED

F.B. 4132 PG. 41

T=62°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM102-56													From BM102-56 To BM102-57
1.	165	412	466	5	192 138	54	81	962	382	5	105 57	48	BM102-56
													AV "D-15" & LANCASTER Rd
2	245	375	546	5	273 217	56	121	301	422	5	150 92	58	EB 2412-60 50 of CURVE
						110						106	
3	108	403	409	5	137 79	58	196	347	497	5	221 165	62	π PETERSON
						168						168	
4	66	652	367	5	95 37	58	186	469	487	5	216 156	60	
						226						228	
5	124	786	425	5	153 95	58	143	773	444	5	174 112	62	
						284						290	
	145	167	446	5	162 128	34	110	962	411	5	124 96	28	
	+ 855795					318	-840	814				318	
	- 840814											318	
BM102-57 +	14981											636	BM102-57
													LANCASTER Rd 0.7 MI S.E of
													AV "D" 50 SIDE of E
													EB. 2412-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM102-57	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-57 TO BM102-56
1	116	547	417	5	143 89	54	161	272	462	5	188 134	54	BM102-57
													LANCASTER RD. 0.7 MI S.E. OF
2	171	534	472	5	201 141	60	140	235 ~~127~~	441	5	169 111	58	AV "D" SO. SIDE OF ℄
						114						112 ~~104~~	FB. 2412-61
3	270	336	571	5	297 243	54	148	482	449	5	178 118	60	
						168						172	⊼ PETERSON
4	225	688	526	5	254 196	58	148	203	449	5	176 120	56	
						226						228	
5	87	024	388	5	112 62	50	230	192	531	5	255 205	50	
						276						278	
6	107	817	408	5	129 85	44	165	737	466	5	186 144	42	
	+ 978	946				320	994	121				320	
						+	978	946				320	
BM102-56						−	15	175				640	BM102-56
													AV "D-15 & LANCASTER RD
													FB 2412-60 SO OF CURVE

F.B. 4132 PG. 42 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 31 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST-CALM INST. NO. 75234

TIME 10:40-11:10 ROD NO. 2139AB

NOTES CHKD. LORAINE MIYATA DATE 4 DEC 72

T= 52°

76P526B CE # 308 8/68

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
BM102-57									FROM BM102-57 TO BM102-~~58C~~ 57A
1	69	181	370 5	87 51 36	215	592	516 5	233 197 36	BM102-57
									LANCASTER Rd 0.7 mi S.E of
2	106	820	407 5	136 76 60	188	458	489 5	218 158 60	AV "D" SO SIDE OF ℄
				96				96	FB. 2412-61
3	220	792	521 5	250 190 60	117	598	418 5	146 88 58	
				156				154	⊼ PETERSON
4	156	368	457 5	186 126 60	191	507	492 5	222 160 62	
				216				216	
5	77	582	378 5	92 62 30	197	698	498 5	213 181 32	
	+ 630	743		246	910	853		248	
				+	630	743		246	
				−	280	110		494	
BM102-~~58C~~ 57A									BM102-~~58C~~ 57A -
									~~LANCASTER Rd (STATE HWY)~~
									~~400' EAST of 245TH ST W.~~
									~~FB 3725-134~~
									LANCASTER RD, 0.45 MILE
									SO. OF STATE HWY 138,
									SW'LY SIDE OF CURVED ROAD,
									F.B. 3725-130

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

SURVEY BY Strader

NOTES BY RODRIGUEZ DATE 26 OCT 72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER calm overcast

TIME 14:35-15:05

NOTES CHKD G.D. BAILEY

T=62°

INST. NO. 75234

ROD NO. 2139 MB

DATE DEC 4 1972

F.B. 4132 PG. 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						FORESIGHT						DESCRIPTION AND REMARKS
BM102-57A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM102-57A TO BM102-57
1	246	401	547	5	273 219	54	82	315	983	5	109 55	54	BM102-57A
													LANCASTER Rd 0.25 MI
2	139	493	440	5	169 109	60	172	011	473	5	202 142	60	SO. OF STATE HWY 138
						114						114	SWly SIDE of CURVED Rd
3	89	328	390	5	119 59	60	141	122	442	5	173 109	64	FB 3725-130
						174						178	
4	193	308	494	5	223 163	60	60	180	361	5	90 30	60	K PETERSON
						234						238	
5	163	453	464	5	169 157	12	96	322	397	5	101 91	10	
	+	831983				246	551950					248	
	−	551950										246	
BM102-57	+	280033										494	BM102-57
													LANCASTER RD. 0.7MI S.E OF
													AV "D" SO SIDE OF ℄
													FB 2412-61

T=52°
Calm
WEATHER Partly cloudy INST. NO. 75234
TIME 10:15-10:40 ROD NO. 24 PM 12
NOTES CHK LORAINE MIYATA DATE 4 DEC 72

F.B. 4132 PG. 44 JOB NO. 030102
SURVEY OF L.A. CO PRECISE LEVEL NET
SURVEY BY Steadrill NOTES Rodriguez 31 OCT 72
INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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.

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

SURVEY BY R. L. STRADER

NOTES BY PETERSON DATE 27 OCT 72

INDEXED [illegible] MIYATA DATE 4 DEC '72

WEATHER OVERCAST & CALM

TIME 09:35-10:25

NOTES CHKD. G.D. BAILEY DATE DEC 4 1972

F.B. 4132 PG. 45

INST. NO. 75234

ROD NO. 2139AB

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM102-57A									FROM BM102-57A TO BM102-58C
1	160	613	461 5	189 131 58	231	712	532 5	260 202 58	BM 102-57A
									LANCASTER RD 0.45 MI S'LY
2	11	028	312 5	(½) 33 11 44	246	832	547 5	270 222 48	OF STATE ROUTE 138
				102				106	S'WLY SIDE OF CURVE
3	27	022	328 5	48 6 42	227	318	528 5	246 208 38	F.B. 3725-130
				144				144	
4	15	872	316 5	(½) 40 15 50	236	941	537 5	261 209 50	
				194				194	
5	36	913	337 5	60 12 48	248	034	549 5	271 225 46	⊼ ANDERSON
				242				240	
6	27	732	328 5	52 2 50	295	829	596 5	(½) 295 270 50	
				292				290	
7	62	783	363 5	87 37 50	156	078	457 5	182 130 52	
				342				342	
8	248	162	549 5	265 231 34	62	670	363 5	78 45 34	
				376				376	
9	172	257	473 5	196 148 48	112	~~192~~ 122	413 5	136 88 48	
	+ 762	382		424	1817	536		424	
					+ 762	382		424	
					− 1055	154		848	
BM102-58C									BM 102-58C
									LANCASTER RD, ABOUT 400 FT
									EAST OF 245TH ST. W. NEAR
									EAST END OF BR. # 53-2047
									F.B. 3725-134

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 46 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 31 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 7525

TIME 09:25-10:10 ROD NO. 2139

NOTES CH. LARAINE MIYATA RATE 4 DEC 72

T=48°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM102-58C													FROM BM102-58C TO BM102-57A
1	112	322	413	5	139 85	54	166	112	467	5	199 139	54	BM102-58C
													LANCASTER RD. ABOUT 400'
2	24	012	325	5	37 11	26	239	832	540	5	252 226	26	E. OF 245TH ST. W. NEAR
						80						80	EAST END OF BR. 53-2047
3	176	~~732~~ 853	477	5	206 146	60	19	384	320	5	(L) 49 19	60	F.B. 3725-134
						140						140	
4	294	588	595	5	(L) 294 265	58	10	090	311	5	(L) 38 10	56	
						198						196	T ANDERSON
5	247	682	548	5	270 224	46	38	627	339	5	61 15	46	
						244						242	
6	243	745	544	5	268 218	50	22	522	323	5	(L) 48 22	52	
						294						294	
7	254	878	555	5	276 232	44	32	520	333	5	54 10	44	
						338						338	
8	261	838	562	5	291 231	60	120	873	421	5	150 90	60	
						398						398	
9	193	660	494	5	202 184	18	104	598	405	5	113 95	18	
	+ 1809	578				416	754	558				416	
	− 754	558										416	
	+ 1055	020										832	
BM102-57A													BM102-57A
													LANCASTER RD 0.45 MILE SO.
													OF STATE ROUTE 138. S.W'LY
													SIDE OF CURVED ROAD
													F.B. 3725-130

76P526B CE # 308 8/68

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
BM102-58C									FROM BM102-58C TO BM102-59
1	106	143	407 5	131 81 50	166	401	467 5	191 141 50	BM102-58C
									LANCASTER RD, ABOUT 400 FT.
2	52	552	353 5	76 28 48	217	892	518 5	241 193 48	EAST OF 245TH ST. W NEAR
				98				98	EAST END OF N. ABUT.
3	109	920	410 5	140 78 62	126	610	427 5	157 95 62	OF BR.# 53-2047
				160				160	F.B. 3725-134
4	150	952	451 5	180 120 60	115	698	416 5	145 85 60	
				220				220	⊼ ANDERSON
5	149	622	450 5	179 119 60	121	382	422 5	151 91 60	
				280				280	
6	114	132	415 5	144 84 60	146	248	447 5	176 116 60	
				340				340	
7	132	361	433 5	162 102 60	52	155	353 5	82 22 60	
				400				400	
8	193	953	494 5	209 177 32	42	278	343 5	58 26 32	
+	1009	635		432	988	664		432	
−	988	664						432	
+	20	971						864	
BM 102-59									BM102-59
									LANCASTER RD (STATE 138)
									ABOUT 0.45 MI W OF 245TH
									ST. W. ON W. SIDE OF DIRT
									ROAD TO HOUSE # 24715
									F.B. 2412-63

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 27 OCT 72

INDEXED LARAINE MIYATA DATE 4 DEC 72

WEATHER OVERCAST & LIGHT BREEZE

TIME 10:25-11:05

NOTES CHKD G.D. BAILEY DATE DEC 4 1972

INST. NO. 75234

ROD NO. 2139 [illegible]

F.B. 4132 PG. 47

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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 102-59													FROM BM 102-59 TO BM 102-58C
1	37	268	338	5	54 / 20	34	204	282	505	5	220 / 188	32	BM 102-59
													LANCASTER RD (STATE 138)
2	75	482	376	5	104 / 46	58	136	721	437	5	165 / 107	58	ABOUT 0.45 MI. W. OF 245TH ST.
						92		773				90	W. ON W. SIDE OF DIRT RD. TO
3	145	721	446	5	174 / 116	58	114	~~595~~	415	5	139 / 89	50	HOUSE # 24715
						150						140	F.B. 2412-63
4	117	902	418	5	144 / 90	54	143	802	444	5	174 / 112	62	
						204						202	
5	112	147	413	5	142 / 82	60	161	382	462	5	190 / 132	58	⊼ ANDERSON
						264						260	
6	121	655	422	5	150 / 92	58	128	325	429	5	157 / 99	58	
						322						318	
7	183	487	484	5	200 / 166	34	65	414	366	5	82 / 48	34	
						356						352	
8	172	262	473	5	184 / 160	24	93	193	394	5	106 / 80	26	
						380						378	
9	170	773	471	5	195 / 145	50	109	969	410	5	134 / 84	50	
+	1136	697				430	1157	861				428	
							+ 1136	697				430	
							− 21	164				858	
BM 102-58C													BM 102-58C
													LANCASTER RD. ABOUT 400'
													EAST OF 245TH ST. W. NEAR
													E. END OF BR. #53-2047
													F.B. 3725-134

F.B. 4132 PG. 48 JOB NO. 6301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 30 OCT 72

INDEXED G.D. BAILEY DATE

WEATHER CLEARWITH STRONG WIND INST. NO. 75234

TIME 13:50-14:25 ROD NO. 2139A

NOTES CHECK ~~LORAINE MIYATA~~ DATE 4 DEC 72

T=56°

76P526B CE # 308 8/68

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
B.M. 102-59									FROM B.M. 102-59 TO B.M. 102-60
1	247	~~190~~ 208	548 5	268 226 42	31	751	332 5	56 6 50	B.M. 102-59
				278				70	LANCASTER RD. (HWY #138) ABOUT
2	278	089	579 5	252 1/2 52	46	151	347 5	22 48	4.5 MI. W. OF 245TH. ST. W.
				296 94				84 98	F.B. 2412-63 NORTH SIDE
3	267	038	568 5	238 58	56	970	357 5	28 56	
				284 152				84 154	
4	284	750	585 5	251 1/2 66	52	763	353 5	20 64	T = RODRIGUEZ
				298 218				90 218	
5	266	913	567 5	234 64	58	571	359 5	26 64	
				296 282				85 282	
6	254	118	555 5	222 64	53	350	354 5	21 64	
				174 346				73 346	
7	165	472	466 5	156 18	64	010	365 5	55 18	
+	1763	588		364	363	566		364	
B.M. 102-60	363	566						364	B.M. 102-60
+	1400	022						728	LANCASTER RD. (HWY #138) ABOUT
									0.9 MI. W. OF 245TH. ST. W.
									F.B. 2412-64 NORTH SIDE

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T. = 60°

SURVEY BY R. L. STRADER WEATHER CLOUDY & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 27-OCT. '72 TIME 11:20-11:58 ROD NO. 2139A-B

INDEXED LARAINE MIYA DATE 4 DEC '72 NOTES CHECKED A.D. BAILEY DATE DEC 4 1972

F.B. 4132 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-60 TO B.M. 102-59
B.M. 102-60				130				261	B.M. 102-60
1	115	468	416 5	100 30	246	520	547 5	231 30	LANCASTER RD. (HWY #138) ABOUT
				108				254	0.9 MI. W. OF 245TH. ST. W.
2	80	328	381 5	52 56	227	742	528 5	200 54	F.B 2412-64 NORTH SIDE
				86 86				276 84	
3	58	610	359 5	58 ½ 56	249	332	550 5	222 54	
				66 142		181		190 138	
4	38	471	339 5	10 56	163	~~112~~	464 5	136 54	
				42 198				283 192	T = RODRIGUEZ
5	18	358	319 5	18 ½ 48	283	422	584 5	256 ½ 54	
				85 246				286 246	
6	57	220	358 5	29 56	286	032	587 5	258 ½ 56	
				56 302				288 302	
7	33	390	334 5	10 46	264	450	565 5	240 48	
				108 348				189 350	
8	98	501	399 5	88 20	179	998	480 5	169 20	
	+500	346		368	1900	677		370	
B.M. 102-59					+500	346		368	B.M. 102-59
					−1400	331		738	LANCASTER RD. (HWY #138)
									ABOUT 0.45 MI. W. OF 245TH. ST. W
									F.B 2412-63 NORTH SIDE

T = 56°

WEATHER CLEAR & WINDY INST. NO. 25234

TIME 13:10 - 13:45 ROD NO. 21391

NOTES CHECKED LARAINE MIYATA DATE 4 DEC '72

F.B. 4132 PG. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 30-OCT. '72

INDEXED G.D. BAILEY DATE

76P526B CE # 308 8/68

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 R.L. STRADER DATE 2 NOV 72 WEATHER CLEAR & CALM INST. NO. 75234
NOTES BY PETERSON TIME 09:00-09:35 ROD NO. 21108
INDEXED LARAINE MIYATA DATE AUG '72 NOTES CHKD. D. BAILEY DATE DEC 4 1972
F.B. 4132 PG. 51

*62°

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
BM102-59											FROM BM102-59 TO BM102-60
1	245	022	546	5	265 / 225 40	62	763	363	5	82 / 42 40	BM102-59
											LANCASTER RD (STATE 138)
2	296	392	597	5	296 / 268 56	16	539	317	5	44 / 16 56	ABOUT 0.45 MI. W. OF 245TH ST.
					96					96	W. NORTH SIDE
3	257	990	558	5	286 / 228 58	41	492	342	5	68 / 14 54	F.B. 2412-63
					154					150	
4	254	661	555	5	284 / 224 60	47	262	348	5	77 / 17 60	
					214					210	T RODRIGUEZ
5	246	038	547	5	276 / 216 60	44	~~718~~ 202	345	5	74 / 14 60	
					274					270	
6	228	981	529	5	257 / 199 58	33	799	334	5	63 / 3 60	
					332					330	RERUN
7	178	040	479	5	192 / 164 28	60	690	361	5	74 / 46 28	
	+ 1706	524			360	- 306	747			358	
	- 306	747								360	
	+ 1399	777								718	
BM102-60											BM102-60
											LANCASTER RD (STATE 138)
											ABOUT 0.9 MI W. OF 245TH ST. W.
											F.B. 2412-64 NORTH SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM102-60									FROM BM102-60 TO BM102-59
1	51	140	352 5	71 / 31 40	226	535	527 5	247 / 205 42	BM102-60
									LANCASTER RD (STATE 138)
2	86	058	387 5	111 / 61 50	206	955	507 5	233 / 179 54	ABOUT 0.9 MI W. OF 245TH ST. W.
				90		010		96	F.B. 2412-64 NORTH SIDE
3	112	791	413 5	136 / 88 48	276	~~061~~	577 5	(½) 276 / 248 56	
				138				152	
4	99	073	400 5	121 / 77 44	275	167	576 5	291 / 259 32	
				182				184	⊼ STRADER
5	98	679	399 5	123 / 73 50	290	950	591 5	(½) 290 / 266 48	
				232				232	
6	61	460	362 5	87 / 35 52	283	871	584 5	(½) 283 / 256 54	
				284				286	
7	46	743	347 5	71 / 21 50	292	601	593 5	(½) 292 / 267 50	RERUN
				334				336	
8	93	473	394 5	108 / 78 30	197	649	498 5	211 / 183 28	
	+ 649	417		364	− 2049	738		364	
					+ 649	417		364	
					− 1400	321		728	
BM102-59									BM 102-59
									LANCASTER RD (STATE 138)
									ABOUT 0.45 MI W. OF 245TH ST.
									W. NORTH SIDE
									F.B. 2412-63

F.B. 4132 PG. 52 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 1 NOV 72

INDEXED G. D. BAILEY DATE

WEATHER PARTLY CLOUDY WITH LIGHT WIND INST. NO. 75234

TIME 09:50-10:30 ROD NO. 2139A

NOTES CHECK LARAINE MIYA DATE 4 DEC 72

T=62°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 102-60									FROM BM 102-60 TO BM 102-59
1	65	278	366 5	78 52 26	182	581	483 5	195 169 26	BM 102-60
									LANCASTER RD (STATE 138)
2	35	389	336 5	63 7 56	252	323	553 5	280 224 56	ABOUT 0.9 MI W. OF 245TH
				82				82	ST. W. NORTH SIDE
3	91	732	392 5	118 64 54	268	002	569 5	297 239 58	F.B. 2412-64
				136				140	
4	53	522	354 5	78 28 50	271	420	572 5	296 246 50	
				186				190	
5	58	242	359 5	85 31 54	214	382	515 5	242 186 56	T RODRIGUEZ
				240				246	
6	35	912 ~~840~~	336 5	62 8 54	260	011	561 5	284 236 48	
				294				294	
7	16	682	317 5 (4)	36 16 40	214	622	515 5	234 194 40	RE-RERUN
				334				334	
8	91	388	392 5	104 78 26	184	712	485 5	197 171 26	
	+ 448	145		360	1848	053		360	
					+ 448	145		360	
					− 1399	908		720	
BM 102-59									BM 102-59
									LANCASTER RD (STATE 138)
									ABOUT 0.45 MI. W. OF 245TH,
									ST. W. NORTH SIDE
									F.B. 2412-63

F.B. 4132 PG. 54 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVELNET

SURVEY BY E.L.S. NOTES PETERSON 2 NOV. 72

INDEXED R.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:45 ROD NO. 2 BM

NOTES CHIEF LORAINE MIYATA DATE 4 DEC 72

T=64°

76P526B CE # 308 8/68

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						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 102-60	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-60 TO B.M. 102-61
1	166	252	467	5	198 134	64	82	700	383	5	114 50	64	B.M. 102-60
					248						95		LANCASTER RD. (HWY #138) ABOUT
2	216	882	517	5	184	64	63	242	364	5	31	64	0.9 MI. W. OF 245TH. ST. W.
					240	128					89	128	F.B. 2412-64 NORTH SIDE
3	208	361	509	5	176	64	52	860	353	5	20	64	
					263	192					120	192	
4	231	368	532	5	199	64	88	802	389	5	56	64	
					243	256					58	256	
5	209	212	510	5	175	68	24	502	325	5	24 ½	68	⊼ = RODRIGUEZ
					272	324					121	324	
6	250	012	551	5	228	44	98	290	399	5	75	46	
	+1282	087				368	-410	396				370	
B.M. 102-61	-410	396										368	B.M. 102-61
	+871	691										738	LANCASTER RD (ST. HWY #138) AT
													THE. L.A. CITY W. & P. AQUEDUCT
													F.B. 2412-65 SOUTH SIDE

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON DATE 27-OCT. '72 WEATHER CLOUDY & CALM INST. NO. 25239

INDEXED LARAINE MIYA DATE 4 DEC 72 TIME 13:10-13:45 ROD NO. 2139A-8

NOTES CHK'D. G.D. BAILEY DATE DEC 4 1972

T. = 60°

F.B. 4132 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-61 TO B.M. 102-60
B.M. 102-61				97				298	B.M. 102-61
1	72	530	373 5	47 50	272	290	573 5	246 52	LANCASTER RD. (HWY #138) AT
				170				298	THE W. & P. AQUEDUCT
2	141	160	442 5	112 58	270	932	571 5	242 56	F.B. 2412-65 SOUTH SIDE
		342		180 108				301 108	
3	150	~~342~~	451 5	120 60	273	740	574 5	245 56	
				150 168				285 164	$\bar{\Lambda}$ = RODRIGUEZ
4	120	622	421 5	90 60	285	861	586 5	253½ 64	
				133 228				280 228	
5	105	230	406 5	77 56	251	600	552 5	222 58	
				169 284				274 286	
6	142	012	443 5	115 54	248	652	549 5	222 52	
				173 338				175 338	
7	159	038	460 5	145 28	159	651	460 5	143 32	
+	890	934		366	1762	726		370	
B.M. 102-60					+ 890	934		366	B.M. 102-60
					− 871	792		736	LANCASTE RD. (HWY #138) ABOUT
									0.9 MI. W. OF 245TH. ST. W.
									F.B. 2412-64 NORTH SIDE

T. = 56°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 11:10 - 11:45 ROD NO. 21394-B

NOTES CHIEF LARAINE MIYATA DATE 4 DEC '72

F.B. 4132 PG. 56 JOB NO. 0301.03

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 30-OCT. '72

INDEXED G. D. BAILEY DATE

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 60°

F.B. 4132 PG. 57

SURVEY BY STRADER WEATHER OVERCAST-CALM INST. NO. 75234

NOTES BY RODRIGUEZ DATE 27 OCT 72 TIME 13:50 - 14:10 ROD NO. 2139HB

INDEXED LARAINE MIYATA DATE 4 DEC 72 NOTES CHK'D G. D. BAILEY DATE DEC 4 1972

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

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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 BM102-61 TO BM102-62
BM102-61									
1	167	455	468 5	201 133 68	243	500	544 5	277 209 68	BM102-61
									LANCASTER Rd (STATE HWY 138)
2	119	092	420 5	148 90 58	111	882	412 5	141 81 60	L.A. CITY W & P AQUEDUCT
				126				128	FB 2412-65
3	265	608	566 5	283 247 36	111	620	412 5	129 93 36	
	+ 552	155		162	467	002		164	T PETERSON
	- 467	002						162	
	+ 85	153						326	
BM102-62									
									BM102-62
									~~LANCASTER Rd (AV-C-15) STATE HWY 138 .35 W. of 260TH ST WEST INT. of LANCASTER Rd FB & 3 POINTS NO SIDE FB 2412-66~~
									BM 111-62
									Three Point Rd & Lancaster Rd. S.E. COR.
									FB 2437-74

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM111-62	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM111-62 TO BM102-61
1	50	211	351	5	64 36	28	166	413	467	5	180 152	28	BM 111-62
													THREE PTS & LANCASTER RD
2	94	652	395	5	121 67	54	182	057	483	5	209 155	54	S.E. COR
						82						82	FB 2437-73
3	213	398	514	5	235 191	44	97	925	398	5	120 74	46	
						126						128	⊼ PETERSON
4	184	258	485	5	204 164	40	181	223	482	5	201 161	40	
	+ 542	519				166	627	618				168	
							+ 542	519				166	
							− 85	099				334	
BM102-61													BM 102-61
													LANCASTER Rd (STATE HWY 138)
													FB. 2412-65

F.B. 4132 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES 120 DRIGUEZ OCT. 30, '72

INDEXED G.D. BAILEY DATE

WEATHER clear-windy INST. NO. 75234

TIME 10:40 - 11:02 ROD NO. 2139 HB

NOTES CHK'D LARAINE MIYATA DATE 4 DEC 72

T = 56°

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY 120 Dariguez STRadcr DATE 27 OCT 72 WEATHER overcast INST. NO. 25234
NOTES BY 4 DEC 72 TIME 14:15-15:10 ROD NO. 213 MB
INDEXED LARAINE MIYATA DATE NOTES CHK R.D. BAILEY DEC 4 1972
T=58° Calm
F.B. 4132 PG. 59

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 111-62													From BM 111-62 to BM 111-61
1	168	340	469	5	179 157	22	93	733	394	5	185 81	24	BM 111-62
													Three Point Rd & Lancaster
2	266	511	567	5	297 235	62	26	638	327	5	2) 57 26	62	Rd. S.E. COR
						84						86	FB 2437-74
3	255	963	556	5	283 227	56	18	738	319	5	2) 44 18	52	
						140						138	T Peterson
4	283	692	584	5	295 271	24	15	768	316	5	27 3	24	
						164						162	
5	283	382	584	5	292 274	18	22	282	323	5	31 13	18	
						182						180	
	281	503	582	5	290 272	18	38	502	339	5	48 28	20	~~Overlap Section~~
						200						200	To Line 111
7	293	341	594	5	2) 293 282	22	39	768	340	5	50 28	22	
						222						222	
8	290	~~044~~ 052	591	5	2) 290 276	28	36	428	337	5	51 21	30	
~~BM 111-61~~						250						252	BM 111-61
9	290	597	591	5	2) 290 262	56	19	908	320	5	2) 47 19	56	Three Points Rd 0.4 mi S.O
						306						308	of Lancaster Rd.
10	236	440	537	5	259 213	46	67	911	368	5	2) 90 67	46	FB 2437-73
+	2649	821				352	379	676				354	
−	379	676										352	
BM 111-61 +	2270	145										706	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4132 PG. 60 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY Stander NOTES Rodriguez 30 OCT 72

INDEXED G.D. BAILEY DATE

T = 48°

WEATHER Clear-windy INST. NO. 75234

TIME 9:25-10:35 ROD NO. 2139

NOTES CHKD LORAINE MIYATA DATE 4 DEC 72

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM111-61													FROM BM111-61 TO BM111-62
1	83	453	384	5	100 66	34	196	47 ~~378~~	497	5	274 176	40	BM111-61
2	34	478	335	5	61 7	54	225	736	576	5	299 251	48	THREE PTS Rd 4 mi SO
						88						88	OF LANCASTER Rd.
3	15	893	316	5	41 2)15	52	277	174	578	5	298 256	42	FB 2437-73
						140						130	
4	34	152	335	5	95 23	22	295	332	596	5	295 2)280	30	TN T.C. PETERSON
						162						160	
5	25	172	326	5	34 16	18	266	823	567	5	276 256	20	
						180						180	
6	16	280	317	5	26 6	20	299	947	600	5	299 2)289	20	
						200						200	
7	29	668	330	5	39 19	20	293	054	594	5	293 2)281	24	
						220						224	
8	31	762	332	5	46 16	30	223	912	524	5	237 209	28	
						250						252	
9	51	155	352	5	79 23	56	247	944	548	5	274 220	54	
						306						306	
10	64	517	365	5	87 41	46	253	662	554	5	277 229	48	
						352						354	
11	115	588	416	5	121 109	12	141	497	442	5	141 135	12	
	+ 502	118				364	2771	928				366	
							+ 502	118				364	
BM111-62							− 2269	810				730	BM111-62
													THREE PTS & LANCASTER Rd
													S.E. COR
													FB 2437-73

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4132 PG. 62 JOB NO. 0301.02 INST. NO. 75234 ROD NO. 1394AL DATE 4 DEC '72

SURVEY OF L.A. CO. PRECISE LEVEL NET NOTES
SURVEY BY R.L.S. PETERSON 1 NOV 72
INDEXED BY D. BAILEY DATE 4 DEC '72

WEATHER PARTLY CLOUDY WITH LIGHT WIND T=60°
TIME 09:05–09:50
NOTES CHK. DARAINE MIYA DATE 4 DEC '72

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM 111-61									FROM BM 111-61 TO BM 111-62
1	66	198	367 5	90 / 42 48	232	952	533 5	256 / 208 48	BM 111-61
2	12	232	313 5 (½)	39 / 12 54	265	459	566 5	292 / 238 54	THREE POINTS RD. 0.4 MI SO. OF LANCASTER RD E. SIDE
				102				102	F.B. 2437-73
3	12	946	313 5 (½)	79 / 72 34	292	481	593 5 (½)	292 / 256 32	
				136				134	
4	11	810	312 5 (½)	24 / 7 26	290	231	591 5	301 / 279 22	T STRADER
				162				156	
5	13	080	314 5 (½)	24 / 13 22	294	009	595 5 (½)	294 / 283 22	
				184				178	
6	18	619	319 5	26 / 10 16	298	956	599 5 (½)	298 / 287 22	
				200				200	RERUN
7	24	208	325 5	35 / 13 22	246	680	547 5	258 / 234 24	
				222				224	
8	55	653	356 5	74 / 36 38	220	119	521 5	238 / 202 36	
				260				260	
9	42	019	343 5	69 / 15 54	244	289	545 5	272 / 216 56	
				314				316	
10	23	691	324 5	43 / 4 38	165	394	466 5	184 / 146 38	
	+ 280	456		352	- 255	570		354	
				+	280	456		352	
				-	227	114		706	
BM 111-62									BM 111-62
									THREE POINTS & LANCASTER RD
									S.E. CORNER
									F.B. 2437-74

76P526B CE # 308 8/68

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Strader

NOTES BY Rodriguez DATE 4 OCT. 72 TIME

INDEXED DATE

WEATHER ~~[illegible]~~ Cloudy Breezy T=74°

INST. NO 75234

ROD NO 2139HB

NOTES CHKD G.D. BAILEY DATE DEC 4 1972

F.B. 4132 PG. 63

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	134	305	435 5	139 129 10	41	228	342 5	11 11 60	60 M- 10 M= 50 M-0.20 mm
2	141	190	442 5	146 136 10	234	522	535 5	264 204 60	60 M- 10 M= 50 M=0.20 mm
	275	495		20	275	750		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					275	710			
						495			⊼ Anderson
					-	215			
	+			mm= "C"					
	100 /								
					-	0.021		mm= "C"	
					100 /	2.15			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
1	142	872	443 5	147 137 10	95	752	396 5	125 65 60	60M - 10M = 50M = 0.20MM
2	165	298	466 5	170 160 10	212	493	513 5	242 182 60	60 - 10M = 50M = 0.20MM
				20				120	⊼ B. STRADER
	308	170			308	245		-20	CUR- CORR = 0.40MM
						-040		100	
					308	205			
					308	170			
						035			
						0.003 = "C"			
					100	0.35			

F.B. 4132 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 5-OCT-72

INDEXED B.D. BAILEY DATE

WEATHER clear/windy INST. NO. 75234

TIME 14:00 ROD NO. 2139 ft

NOTES CHKD DATE

T=84°

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=60 F.B. 4132 PG. 65

SURVEY BY STRADER WEATHER OVERCAST INST. NO. 75234

NOTES BY RODRIGUEZ DATE 10 OCT 72 TIME 10:25 - 10:30 ROD NO. Z139AB

INDEXED DATE NOTES CHKD G. D. BAILEY DATE DEC 4 1972

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM	TO
			DETERMINATION OF "C"							
			NEAR ROD			FAR ROD				
1	141	950	442 5	146 136 10	91	691	392 5	121 61 60	60 M-10 M=50 M-0.20 mm	
2	165	780	466 5	170 160 10	216	291	517 5	246 186 60	60 M-10 M=50 M=0.20 mm	
	307	730		20	307	982		120		
	+							-20		
					-0.40 mm			100	Curvature Corr.=0.40 mm	
					307	942				
					307	730				
					-	2.12				
									K STRADER	
	+ 100 /			mm= "C"						
					-					
					100 /	0.021 / 2.12		mm= "C"		

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4132 PG. 66 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 11, '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 15:00 - 15:05 ROD NO. 139 A.B.

NOTES CHKD. DATE

T=80°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA			FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA			DESCRIPTION AND REMARKS FROM ____ TO ____
	NEAR ROD						FAR ROD						
1	158	209	459	5	163 153	10	246	372	547	5	276 216	60	60 M - 10 M = 50 M = 0.20 MM
2	160	582	461	5	165 155	10	72	900	373	5	102 42	60	60 M - 10 M = 50 M = 0.20 MM
	318	791				20	319	272				120	
											-	20	
							- 0	40 mm				100	CURRATURE CORR. = 0.40 MM
							319	232					
							318	791					
								441					
													T R. RODRIGUEZ
							—	.044					
							100 /	4.41					

76P526B CE # 308 8 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE OCT. 12, '72 WEATHER CLOUDY-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 11:30-11:35 ROD NO. 2139 A-B
INDEXED DATE NOTES CHKD. BAILEY DATE DEC 4 1972
T=64°
F.B. 4132 PG. 67

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS From To
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	138	790	439 5	143 133 10	199	033	500 5	229 169 60	60 M- 10 M=50 M-0.20 mm
2	127	753	428 5	132 122	67	900	368 5	97 37 60	60 M- 10 M=50 M=0.20 mm
	266	543			266	933		120	
								20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					266	893			
					266	543			
					- 0	350			
									T R. ANDERSON
				mm= "C"					
					- .035 mm= "C"				
					100/3.50				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER CLEAR · CALM INST. NO. 75234
TIME 13:10 - 13:15 ROD NO. 2139 A-B
NOTES CHKD DATE

T = 72°

F.B. 4132 PG. 68 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY R.L.S. NOTES K.L. STRADER OCT. 13, '72
INDEXED G.D. BAILEY DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	155	972	456	5 160 150 10	103	822	404	5 133 73 60	60 M - 10 M = 50 M = 0.20 mm
2	190	222	491	5 195 185 10	242	691	543	5 272 212 60	60 M - 10 M = 50 M = 0.20 mm
	346	194		20	346	513		120	
								-20	
					- 0.40 mm			100	CURR. CORR. = 0.40 mm
					346	473			
					346	194			
						279			
									R. RODRIGUEZ
					-		.027		
					100	/	2.700		

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T= 56°

F.B. 4132 PG. 69

SURVEY BY R.L. STRADER — WEATHER CLOUDY-CALM — INST. NO. 75234

NOTES BY R.L.S — DATE OCT. 16, '72 — TIME 9:25 - 9:30 — ROD NO. 2139 A.B

INDEXED ____ DATE ____ NOTES CHKD. G.D. BAILEY DATE DEC 4 1972

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS (FROM ___ TO ___)
			DETERMINATION OF "C"						
			NEAR ROD				FAR ROD		
1	160	679	461 5	165 155 10 20	219	142	520 5	249 189 60	60 M- 10 M= 50 M-0.20 mm
2	141	442	442 5	146 136 10 20	83	222	384 5	113 53 60	60 M- 10 M= 50 M=0.20 mm
	302	821		20	302	364		120	
		1						− 20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					302	324			
					302	8'21			
					−	203			

⊼ R. RODRIGUEZ

/ ______ mm= "C"

− .020 mm= "C"

100/2.030

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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'						
	NEAR ROD				FAR ROD				
1	160	818	461 5	165 155 10	145	138	446 5	175 115 60	60 M - 10 M = 50 M - 0.20 mm
2	156	662	457 5	161 151 10	172	546	473 5	202 142 60	60 M - 10 M = 50 M = 0.20 mm
	317	480		20	317	684		120	
								-20	CORR. 0.40 MM
					-0.40 MM			100	
					317	644			
					317	480			
					-0	164			
									T. PETERSON
					-	.016			
					100 /	1.640			

F.B. 4132 PG. 70 JOB NO. 0301.02 T=620

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 18, '72 WEATHER CLOUDY - CALM INST. NO. 752

INDEXED G.D. BAILEY DATE TIME 13:15 - 13:20 ROD NO. 213

NOTES CHKD. DATE

76P526B CE # 308 8.68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 20 OCT 72
INDEXED DATE
NOTES CHKD. D. BAILEY DEC 4 1972
OVERCAST WEATHER WITH LIGHT WIND
TIME 11:25
INST. NO. 75234
ROD NO. 2139AB
F.B. 4132 PG. 71
7-54

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	133	117	434 5	138 128 10	95	251	396 5	125 65 60	60 M- 10 M= 50 M-0.20 mm
2	150	753	451 5	155 145 10	188	912	489 5	218 158 60	60 M- 10 M= 50 M=0.20 mm
	283	870		20	284	163		120	
								-20	
	+				-0.40 mm				Curvature Corr.=0.40 mm
					284	123		100	
					283	870			
					-	253			
									⊼ ANDERSON
				mm= "C"					
						.025 mm= "C"			
					100/2.58				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
		NEAR ROD				FAR ROD			
1	~~226~~ 165	982	466 5	170 160 10	226	~~4~~ 117	527 5	256 196 60	60 M - 10 M = 50 M = 0.20 MM
2	144	860	445 5	149 139 10	84	190	385 5	114 54 60	60 M - 10 M = 50 M = 0.20 MM
+	310	842		20	310	907		120	
								- 20	
						0.40 mm		100	CURRATURE CORR. = 0.40 mm
				+	310	867			
				+	310	842			
				−		.025			
									T.C. PETERSON
					−	.002			ADJUSTED INSTRUMENT
					100	0.250			

F.B. 4132 PG. 72 JOB NO. 0301.02 T=72°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT. 24, '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 9:25-9:30 ROD NO. 2139A.1

NOTES CHKD DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R. ANDERSON DATE 25-OCT. '72
INDEXED DATE
WEATHER CLEAR & CALM
TIME 13:55
NOTES CHK'D G.D. BAILEY
INST. NO. 75239
ROD NO. 2139 A&B
DATE DEC 4 1972
T. = 70°
F.B. 4132 PG. 73

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TO
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	160	240	461 5	165 155 10	249	571	550 5	279 219 60	60M- 10 M= 50 M-0.20 mm
2	140	742	441 5	145 135 10	51	570	352 5	81 21 60	60M- 10 M= 50 M=0.20 mm
	300	982			301	141			
	+				-0.40mm				Curvature Corr.=0.40 mm
					301	101			
					300	982			
					- 0	119			
									Λ = RODRIGUEZ
				mm= "C"					
					- 0.012			mm= "C"	
					100 / 1.1900				

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
				146				133	
1	141	892	442 5	136 10	103	942	404	73 60	60 M. − 10 M. = 50 M.
				163				226	
2	158	632	459 5	153 10	196	849	497 5	166 60	60 M. − 10 M. = 50 M.
	300	524		20	300	791		120	
						040		−20	
					300	751		100	CURV. CORR. = 0.40 M.M.
					300	524			
					−	2.27			
									$\bar{\Lambda}$ = RODRIGUEZ
						−	0.023		
						100	2.2700		

T. = 6°

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 11:55 ROD NO. 2139 A-B

NOTES CHKD ____ DATE ____

F.B. 4132 PG. 74 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 27-OCT.'72

INDEXED G. D. BAILEY DATE ____

76P526B CE # 308 8/68

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R. ANDERSON DATE 30 - OCT. 172
INDEXED DATE
WEATHER CLEAR SWINGY INST. NO. 75234
TIME 11:50 ROD NO. 2139A.B
NOTES CHKD. G.D. BAILEY DATE DEC 4 1972
T = 58°
F.B. 4132 PG. 75

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	168	006	469 5	173 163 10	231	040	532 5	261 201 60	60 M- 10 M= 50 M-0.20 mm
2	140	620	441 5	145 135 10	77 ~~78~~	971 ~~026~~	378 ~~379~~ 5	107 ~~48~~ 60	60 M- 10 M= 50 M=0.20 mm
	308	626		20	~~309~~	~~066~~		120	
					309	011	309 011	-20	
	+				-0.40 mm		-040	100	Curvature Corr.=0.40 mm
					~~309~~	~~026~~	308 971		
					308	626	308 626		
					-	400	345		
									$\bar{\pi}$ = RODRIGUEZ
				mm= "C"					
					~~-0.040~~		mm= "C"		- 0.034
					100 / ~~4.000~~				100 / 3.450

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
	NEAR ROD				FAR ROD				
1	131	543	432 5	136 126 10	70	992	371 5	00 40 60	60M - 10M = 50M = 0.20mm
2	154	948	455 5	159 149 10	215	646	516 5	245 185 60	60M - 10M = 50M = 0.20mm
	286	491		20	286	638		120	
								-20	
	+				-	040 mm		100	CURR. CORR. = 0.40 mm
				-	286	598			
				+	286	491			
				-	0	107			
									R. ANDERSON
					—	.010			
					100/	1.070			

F.B. 4132 PG. 76 JOB NO. 0301.02 T=62°

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER OCT 31, '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO 75234

TIME 15:00-15:05 ROD NO 2139AB

NOTES CHKD DATE

Notes Ck'd by	Survey of L.A.Co. PRECISE LEVEL NET
Map; No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date 11-72
Date	Indexed G.D. BAILEY DEC 21 1972

F.B. 4132 PG. 77

LINE 210

J.N. 0301.02

1972 RUN

NOVEMBER 1972

REF.

F.B. 3734

SURVEY PARTY

R.L. STRADER
T.C. PETERSON, JR.
R.D. ANDERSON
R.J. RODRIGUEZ
L.C. LOVE

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

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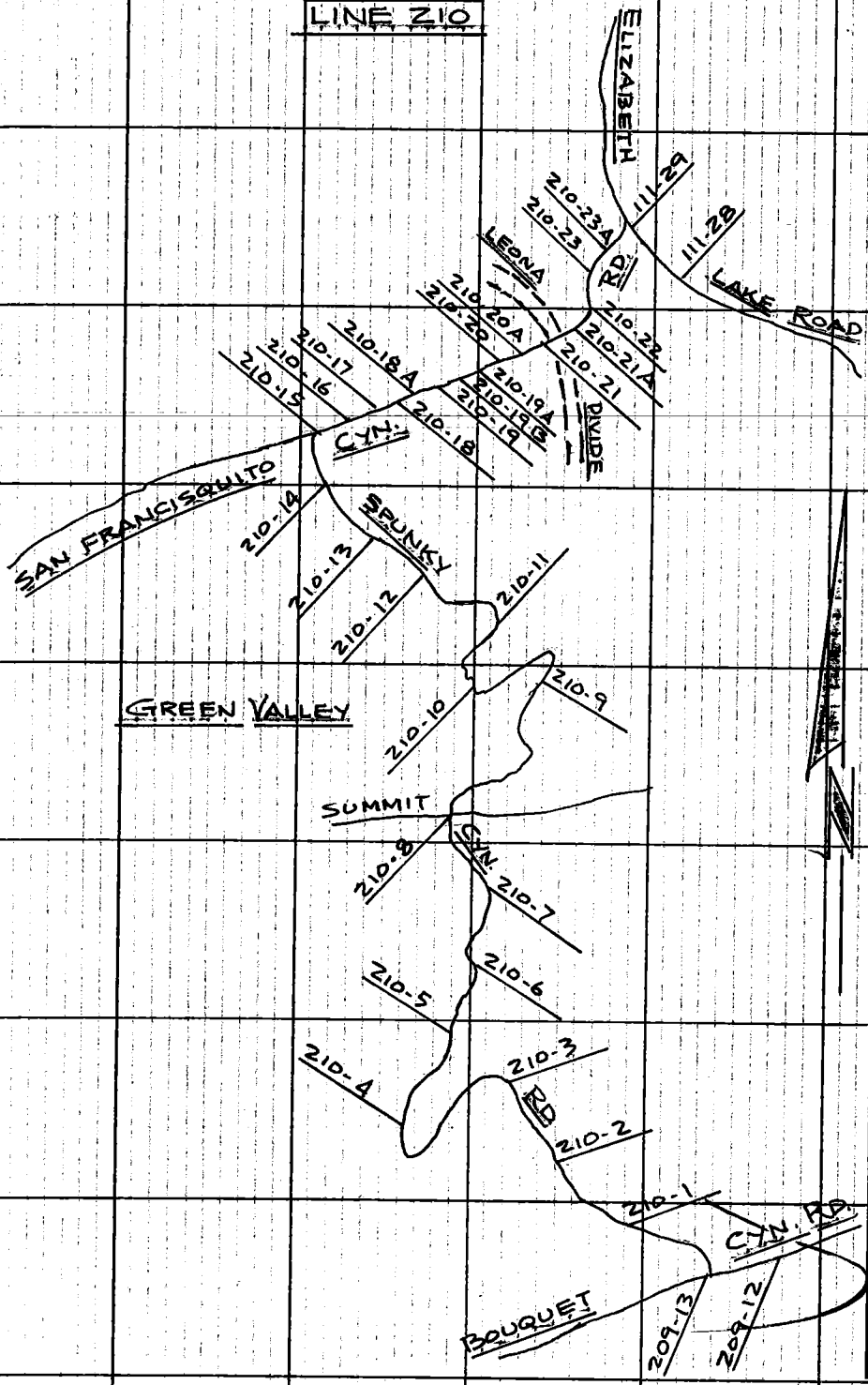
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE4310 3.68

F. B. 4132 PG 78

INDEX MAP
LINE 210



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 3-Nov. '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & COLD

TIME 09:35-10:25

NOTES CHK DARAINE MIYATA DATE 2 JAN '73

INST. NO. 75234

ROD NO. 2139 A-B

F.B. 4132 PG. 79

T = 66°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
B.M. 209-12													FROM B.M. 209-12 TO B.M. 209-13
1	55	828	356	5	62 / 48	14	217	793	518	5	225 / 209	16	B.M. 209-12
					66						280		BOUQUET CN. RD., 0.6 MI. E. OF
2	43	440	344	5	20	46	255	010	556	5	230	50	SPUNKY CN. RD. SOUTH SIDE
					88	60					194	66	F.B. 3734-39
3	63	262	364	5	38	50	174	338	475	5	154	40	
					120	110					297	106	
4	105	229	406	5	90	30	297	312	598	5	280 ½	34	T = RODRIGUEZ
					32	140					257	140	
5	21	533	322	5	10	22	247	049	548	5	237	20	
					43	162					290	160	
6	22	068	323	5	1	42	268	279	569	5	246	44	
					108	204					248	204	
7	83	631	384	5	58	50	223	882	524	5	198	50	
					90	254					302	254	
8	66	910	367	5	42	48	277	772	578	5	252	50	
					100	302					292	304	
9	75	903	376	5	50	50	267	937	568	5	242	50	
					52	352					290	354	
10	27	029	328	5	2	50	290	970	591	5	264 ½	52	
					99	402					241	406	
11	73	698	374	5	47	52	218	882	519	5	195	46	
					139	454					258	452	
12	128	680	429	5	117	22	245	412	546	5	232	26	
+	767	211				476	2984	636				478	
B.M. 209-13						+	767	211				476	B.M. 209-13
						−	2217	425				954	BOUQUET CN. RD. & SPUNKY CN. RD.
													F.B. 3734-41 N.W. COR.

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

T. = 50°

WEATHER Cloudy & Calm INST. NO. 75231

TIME 4:20 - 6:15:10 ROD NO. 2139A-1

NOTES CHK BARRINE MIVATA DATE 11-2

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-13									FROM B.M. 209-13 TO B.M. 209-12
1	272	072	573 5	300 244 56	58	830	359 5	92 29 68	B.M. 209-13
				264				69	BOUQUET CYN RD. & SPUNKY CYN. RD.
2	241	970	542 5	218 46	51	431	352 5	33 36	F.B. 3734-41 N.W. COR.
				290 102				68 104	
3	290	012	591 5	264 ½ 52	43	652	344 5	18 50	
				294 154				52 154	
4	266	710	567 5	238 56	25	878	326 5	25 ½ 54	
				254 210				128 208	
5	229	359	530 5	204 50	103	780	404 5	78 50	T = RODRIGUEZ
				279 260				47 258	
6	255	511	556 5	231 48	23	542	324 5	23 ½ 48	
				284 308				59 306	
7	269	902	576 5	254 30	43	740	344 5	27 32	
				297 338				94 338	
8	288	708	589 5	279 18	85	268	386 5	76 18	
				237 356				144 356	
9	214	449	515 5	191 46	124	568	425 5	104 40	
				256 402				94 396	
10	237	378	538 5	218 38	71	546	372 5	48 46	
				254 440	69			84 442	
11	238	102	539 5	222 32	~~66~~	352	370 5	54 30	
				152 472				39 472	
12	148	038	449 5	144 8	33	839	334 5	27 12	
	+2952211			480	-734926			484	
B.M. 209-12	-734926							480	B.M. 209-12
	+2217285							964	BOUQUET CYN RD. 0.6 MI. E.
									OF SPUNKY CYN RD.
									F.B. 3734-39 - SOUTH SIDE

F.B. 4132 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. PRECISE LEVEL NET

SURVEY BY STANDER NOTES Anderson DATE: 17-Nov-'72

INDEXED DEC 21 1972 DATE

76P526B CE # 308 8/68

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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
B.M. 209-13									FROM B.M. 209-13 TO B.M. 210-1
1	201	912	502 5	218 184 34	222	~~6~~ 322	523 5	239 205 34	B.M. 209-13
		210		46				218	BOUQUET CN. RD & SPUNKY CN.
2	21	~~242~~	322 5	21 ½ 50	194	312	495 5	170 48	RD. N.W. COR.
				198 84				61 82	F.B. 3734-41
3	171	800	472 5	144 54	35	260	336 5	9 52	
				283 138				134 134	
4	283	660	584 5	257 ½ 52	106	650	407 5	78 56	
				212 190				132 190	
5	186	900	487 5	160 52	110	581	411 5	88 44	
				233 242				66 234	T = RODRIGUEZ
6	208	281	509 5	183 50	37	900	338 5	8 58	
				292 292				105 292	
7	267	042	568 5	242 50	82	248	383 5	59 46	
				226 342				151 338	
8	201	602	502 5	176 50	124	448	425 5	97 54	
				158 392				204 392	
9	152	090	453 5	146 12	198	538	499 5	192 12	
	+1694.497			404	-1112.259			404	
B.M. 210-1	-1112.259		5					404	B.M. 210-1
	+582.238							808	SPUNKY CN. RD., 0.5 MI. W'ERLY
									OF BOUQUET CN. RD.
									F.B. 3734-113 SOUTH SIDE

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 3-NOV. '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM

TIME 10:30 - 11:10

NOTES CHKD. DRAINE MIYATA DATE 2 JAN 73

ROD NO. 2139A8

INST. NO. 75234

F.B. 4132 PG. 81

T = 72°

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 210-1 TO B.M. 209-13
B.M. 210-1					198						206		B.M. 210-1
1	173	559	474	5	148	50	181	110	482	5	156	50	SPUNKY CYN. RD., 0.5 MI. W-
					132						251		ERLY OF BOUQUET CYN RD.
2	107	492	408	5	82	50	229	712	530	5	207	44	F.B. 3734-113 SOUTH SIDE
					64	100					240	94	
3	41	166	347	5	18	46	216	268	517	5	192	50	
					134	146					255	142	
4	110	431	411	5	86	48	231	920	532	5	207	48	
					148	194					268	190	
5	121	882	422	5	94	54	238	181	539	5	208	60	$\bar{\Lambda}$ = RODRIGUEZ
					38	248					262	250	
6	18	318	319	5	18 ½	40	242	519	543	5	222	40	
					148	288					118	290	
7	121	831	422	5	94	54	89	572	390	5	60	50	
					293	342					163	348	
8	293	668	594	5	268 ½	50	141	132	442	5	119	44	
	+ 988	347				392	- 1570	414				392	
B.M. 209-13							+ 988	347				392	B.M. 209-13
							- 582	067				784	BOUQUET CYN RD. & SPUNKY CYN RD. N.W. COR.
													F.B. 3734-41

F.B. 4132 PG. 82

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 17-NOV. '72

INDEXED DEC 21 1972 DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 13:35 - 14:15 ROD NO. 2137 A.B.

NOTES CHKD LARAINE MIYATA DATE 2 JAN '73

T. = 50°

76P526B CE # 308 8/68

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	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM210-1													FROM BM210-1 TO BM210-2
1	133	487	434	5	147 / 119	28	236	292	537	5	250 / 222	28	BM 210-1
													SPUNKY CYN RD 0.5 MI
2	32	719	333	5	46 / 18	28	256	705	557	5	267 / 245	22	WLY OF BOUQUET CYN RD
						56						50	FB 3734-113
3	12	243	313	5	2) 29 / 12	34	213	449	514	5	232 / 194	38	
						90						88	⊼ PETERSON
4	105	824	406	5	132 / 78	54	140	297	441	5	167 / 113	54	
						144						142	
5	158	067	459	5	185 / 131	54	149	128	450	5	175 / 123	52	
						198					264 / 208	194	
	85	826	386	5	110 / 60	50	237	947	538	5	265 / 208	58	
						248						252	
7	96	048	397	5	121 / 71	50	136	098	437	5	161 / 111	50	
						298						302	
8	174	470	475	5	200 / 148	52	134	926	435	5	158 / 110	48	
						350						350	
9	152	768	453	5	178 / 126	52	42	342	343	5	69 / 15	54	
						402						404	
10	269	453	570	5	293 / 245	48	10	192	311	5	2) 32 / 10	44	
						450						448	
11	192	598	493	5	197 / 187	10	81	403	382	5	86 / 76	10	
	+ 1413.503					460	- 1638.779					458	
BM210-2							+ 1413.503					460	BM210-2
							- 225.276					918	SPUNKY CYN RD 1.0 MI
													WEST OF BOUQUET CYN RD.
													N.E. COR INT. OF UNPAVED RD.
													TO HSE # 13547. (NO. SIDE)
													FB 3724-115

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

SURVEY BY Strader

NOTES BY Rodriguez DATE 3 Nov 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER Clear-Calm INST. NO 75234

TIME 11:10 - 12:15 ROD NO 2139 MB

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

T=72°

F.B. 4132 PG. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-2													FROM BM 210-2 TO BM 210-1
1	70	191	371	5	77 / 63	14	181	018	482	5	188 / 174	14	BM 210-2
													SPUNKY CYN. RD., 1.0 MILE
2	39	487	340	5	58 / 20	38	261	661	562	5	279 / 243	36	W'LY OF BOUQUET CYN. RD.
						52						50	N.E. COR. INT. OF UNPAVED
3	45	198	346	5	68 / 22	46	178	337	479	5	201 / 155	46	ROAD TO HOUSE # 13547
						98						96	F.B. 3724-115
4	154	082	455	5	180 / 128	52	170	265	471	5	195 / 145	50	
						150						146	
5	130	088	431	5	154 / 106	48	133	273	434	5	159 / 107	52	⊼ T. PETERSON
						198						198	
6	211	751	512	5	237 / 185	52	90	502	391	5	115 / 65	50	
						250						248	
7	191	188	492	5	215 / 167	48	159	256	460	5	184 / 134	50	
						298						298	
8	152	721	453	5	176 / 128	48	174	790	475	5	198 / 150	48	
						346						346	
9	191	298	492	5	216 / 166	50	64	768	365	5	89 / 39	50	
						396						396	
10	296	358	597	5	296 / 276½	40	20	157	321	5	38 / 2	36	
						436						432	
11	288	306	589	5	302 / 274	28	121	193	422	5	137 / 105	32	
+	1770	668				464	1555	220				464	
−	1555	220										464	
+	215	448										928	
BM 210-1													BM 210-1
													SPUNKY CYN RD., 0.5 MILE
													W'LY OF BOUQUET CYN RD.
													F.B. 3724-113

T = 48°

F.B. 4132 PG. 84 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 17, '72

INDEXED DEC 21 1972 DATE

WEATHER CLOUDY - CALM INST. NO. 75234

TIME 11:45-12:30 ROD NO. 2139 A.B.

NOTES CHKD LARAINE MIYATA DATE 2 JAN '73

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY RODRIGUEZ DATE 20 NOV 72 WEATHER Clear-windy TIME 2:30-3:20 INST. NO. 23/24/40 ROD NO. 23234
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHK'D LORAINE MIYATA DATE 2 JAN 73
T=58° F.B. 4132 PG. 85

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 210-1													From BM 210-1 To BM 210-2
	+				142						248		BM 210-1
1	127	004	428	5	112	30	233	965	534	5	218	30	SPUNKY CYN RD. 0.5 MI
		832			50						286		W'LY OF BOUQUET CYN RD.
2	37	~~888~~	338	5	24	26	273	297	574	5	260	26	FB 3734-113.
					51	56					226	56	
3	35	601	336	5	19	32	210	419	511	5	194	32	T PETERSON
					138	88					177	88	
4	109	755	410	5	80	58	148	506	449	5	119	58	
					188	146					181	146	
5	163	847	464	5	138	50	157	338	458	5	133	48	
					123	194					250	194	RERUN
6	96	091	397	5	69	54	223	447	524	5	196	54	
		392			124	250					179	248	
7	96	~~358~~	397	5	68	56	150	028	451	5	121	58	
					207	306					166	306	
8	180	006	481	5	153	54	138	252	439	5	110	56	
					189	360					65	362	
9	164	283	465	5	139	50	41	971	342	5	17	48	
					293	410					35	410	
10	273	341	574	5	253	40	14	022	315	5	2) 14	42	
					172	450					81	452	
11	167	948	468	5	162	10	76	263	377	5	71	10	
	+ 1452	100				460	1667	508				462	
							- 1452	100				460	
							= 215	408				922	
BM 210-2													BM 210-2
													SPUNKY CYN RD 1.0 MI W.
													OF BOUQUET CYN RD. N.E.
													COR.
													FB. 3724-115

76P526B CE # 308 8/68

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.

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

SURVEY BY Strader

NOTES BY Rodriguez DATE 3-Nov-72

INDEXED G. D. BAILEY DATE DEC 21 1972

WEATHER Clear-Calm

TIME 1:20 - 2:00

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

INST. NO. 75234

ROD NO. 2139100

F.B. 4132 PG. 87

E74°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM 210-2													FROM BM210-2 TO BM210-3
1	76	267	377	5	92 / 60	32	189	580	490	5	205 / 173	32	BM210-2
													SPUNKY CYN RD 1.0 MI West
2	48	449	349	5	74 / 22	52	226	711	527	5	252 / 200	52	of Bouquet CYN RD
						84						84	N.E. COR. INT of UNpaved
3	76	429	377	5	101 / 51	50	205	677	506	5	229 / 181	48	RD TO HSE # 13547 (No SIDE
						134						132	FB 3724-115
4	208 / 9	041	510	5	235 / 183	52	58	244	359	5	85 / 31	54	
						186						186	⊼ = Strader
5	261	644	562	5	285 / 237	48	269	260	570	5	293 / 245	48	
						234						234	
	32	279	333	5	51 / 13	38	252	908	553	5	271 / 233	38	
						272						272	
7	131	025	432	5	155 / 107	48	71	371	372	5	95 / 47	48	
						320						320	
8	265	526	566	5	289 / 241	48	93	692	394	5	116 / 70	46	
						368						366	
9	127	530	428	5	138 / 116	22	139	959	440	5	151 / 127	24	
	+1228.190					390	-1507.402					390	
							+1228.190					390	
BM210-3							-279.212					780	BM 210-3
													SPUNKY CYN RD 1.5 MI west
													of BOUQUET CYN Rd. No End
													of BOUQUET RESERVOIR.
													FB 3734-117

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. 210-3 TO B.M. 210-2
B.M. 210-3				214				202	B.M. 210-3
1	191	112	492 5	168 46	179	621	480 5	156 46	SPUNKY CN. RD., 1.5 MI. W.
				77				267	OF BOUQUET CN. RD. - NORTH END
2	58	022	359 5	39 38	249	654	550 5	231 36	OF BOUQUET RESERVOIR
				107 84				100 82	F.B. 3734-117
3	84	639	385 5	61 46	77	219	378 5	54 46	
	290			290 130				32 128	
4	~~289~~	022	591 5	269½ 42	11	755	312 5	11½ 42	
				193 172				253 170	⊼ = STRADER
5	175	281	476 5	157 36	236	759	537 5	219 34	
				34 208				243 204	
6	10	522	311 5	10½ 48	217	222	518 5	191 52	
				258 256				100 256	
7	233	322	534 5	208 50	75	961	376 5	50 50	
				267 306				101 306	
8	242	641	543 5	217 50	76	904	377 5	51 50	
				223 356				105 356	
9	204	530	505 5	185 38	85	649	386 5	65 40	
	+1490091			394	-1210744			396	
B.M. 210-2	-1210744							394	B.M. 210-2
	+279347							790	SPUNKY CYN. RD., 1.0 MI. W.
									OF BOUQUET CYN. RD (NORTH SIDE
									F.B. 3724-115

T = 46°

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 11:05 - 11:40 ROD NO. 2139 A.B.

NOTES CHK. LARAINE MIYATA DATE 2 JAN 73

JOB NO. 0301.02

F.B. 4132 PG. 88

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY NOTES ANDERSON DATE: 17-Nov. '72

INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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.

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

SURVEY BY R.L. STRADER

NOTES BY R.J. RODRIGUEZ DATE 3 7 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER Clear - Calm INST. NO 76234

TIME 2:00 - 2:45 ROD NO 2139HB

NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 89

T-76°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-3											FROM BM 210-3 TO BM 210-4
1	24	397 ~~408~~	335 5	37 11	26	181	153	482 5	194 168	26	BM 210-3
											SPUNKY CYN Rd. 1.5 mi w.
2	78	610	379 5	105 51	54	91	832	392 5	115 67	48	of Bouquet Cyn Rd.
					80					74	No. End of Reservior
3	254	813	555 5	262 246	16	19	901 ~~928~~	320 5	30 8	22	FB. 3734-117
					96					96	
4	258	922	559 5	268 248	20	23	084	324 5	34 12	22	⊼ ANDERSON
					116					118	
5	243	848	544 5	255 231	24	15	460	316 5	26 4	22	
					140					140	
	258	746	559 5	266 250	16	11	530	312 5	21 12	20	
					156					160	
7	277	580	578 5	287 267	20	73	428	374 5	81 65	16	
					176					176	
8	248	720	549 5	260 236	24	11	032	312 5	22 0	22	
					200					198	
9	267	012	568 5	278 256	22	26	418	327 5	37 15	22	
					222					220	
10	199	802	500 5	206 192	14	3 ~~44~~	994	344 5	50 36	14	
	+ 2112	450			236	- 497	832			234	
	- 497	832								236	
	+ 1614	618								470	
BM 210-4											BM 210-4
											SPUNKY CYN RD 1.8 mi
											W. of Bouquet Cyn RD West
											End of Second Horseshoe
											CURVE.
											FB. 3734-119

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
BM 210-4													FROM BM210-4 TO BM210-3
1	36	480	337	5	43 / 29	14	221	823	522	5	228 / 214	14	BM 210-4
													SPUNKY CN. RD 1.8 MI W
2	33	257	334	5	45 / 21	24	280	268	581	5	292 / 268	24	OF BOQUET CN RD W. END OF
						38						38	2ND HORSESHOE CURVE
3	10	660	311	5	(½) 22 / 10	24	245	~~118~~ 147	546	5	257 / 233	24	F.B. 3734-119
						62						62	
4	29	392	330	5	38 / 20	18	263	722	564	5	272 / 254	18	
						80						80	⊼ ANDERSON
5	22	540	323	5	31 / 13	18	252	452	553	5	261 / 243	18	
						98						98	
6	14	434	315	5	23 / 5	18	204	784	505	5	213 / 195	18	
						116						116	
7	23	295	324	5	33 / 13	20	247	568	548	5	257 / 237	20	
						136						136	
8	15	417	316	5	24 / 6	18	253	073	554	5	262 / 244	18	
						154						154	
9	70	702	371	5	92 / 48	44	125	~~283~~ 320	426	5	147 / 103	44	
						198						198	
10	243	822	544	5	255 / 231	24	20	472	321	5	32 / 8	24	
	+ 499	999				222	~~2114~~	~~621~~				222	
						+	499	999				222	
						~~-~~	~~1614~~	~~622~~				444	
BM 210-3													BM 210-3
						-	2114	629					SPUNKY CN RD. 1.5 MI W. OF
						+	499	999					BOQUET CN. RD N. END OF
						-	1614	630					RESERVOIR
													F.B. 3734-117

F.B. 4132 PG. 90 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 17 NOV 72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST & CALM INST. NO. 75234

TIME 10:15 - 11:00 ROD NO. 2139AB

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

T=44°

76P526B CE # 308 8/68

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.

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

SURVEY BY R. L. STRADER

NOTES BY R. ANDERSON DATE 6-Nov. '72

INDEXED G. D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:00 - 09:40 ROD NO. 2139 A-B

NOTES CHKD DARAINE MIYATA DATE 2 JAN '73

F.B. 4132 PG. 91

T = 66°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 210-4									FROM B.M. 210-4 TO B.M. 210-5
1	292	762	593 5	292 279 ½ 26	11	202	312 5	24 11 ½ 26	B.M 210-4
				298				26	SPUNKY CN. RD., 1.8 MI. W. OF
2	298	162	599 5	285 ½ 26	12	671	313 5	12 ½ 28	BOUQUET CN. RD. W. SIDE
				286 52				21 54	F.B 3734-119
3	277	151	578 5	268 18	13	549	314 5	5 16	
				300 70				18 70	
4	292	182	593 5	284 16	11	209	312 5	4 14	
				286 86				17 84	T = RODRIGUEZ
5	279	531	580 5	272 14	10	378	311 5	3 14	
				295 100				20 98	
6	295	681	596 5	286 ½ 18	10	611	311 5	0 20	
				299 118				21 118	
7	292	589	593 5	285 14	14	420	315 5	7 14	
				298 132				137 132	
8	298	962	599 5	290 ½ 16	128	181	429 5	119 18	
				281 148				53 150	
9	274	031	575 5	267 14	46	031	347 5	39 14	
				218 162				64 164	
10	213	558	514 5	208 10	59	272	360 5	54 10	
	+2814	591		172	-317	524		174	
B.M 210-5	-317	524						172	B.M. 210-5
	+2497	067						346	SPUNKY CN. RD. 2.0 MI. N.W. FLY
									OF BOUQUET CN. RD. E. SIDE
									F.B 3734-121

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
BM210-5	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 210-5 TO B.M. 210-4
					24						268		B.M. 210-5
1	15	968	316	5	6	18	260	870	561	5	252	16	SPUNKY CYN RD., 2.0 MI.
					85						284		N W'ERLY OF BOUQUET CYN RD.
2	76	628	377	5	67	18	274	322	575	5	264	20	F.B. 3734-121 E. SIDE
					18	36					292	36	
3	10	422	311	5	2	16	284	990	585	5	276	16	
					24	52					301	52	
4	16	610	317	5	8	16	293	830	594	5	285	16	
					32	68					295	68	T = RODRIGUEZ
5	24	760	325	5	16	16	295	840	596	5	288½	14	
					30	84					293	82	
6	22	750	323	5	14	16	285	963	586	5	277	16	
					54	100					269	98	
7	45	820	346	5	36	18	261	680	562	5	253	16	
					38	118					294	114	
8	29	121	330	5	20	18	294	798	595	5	284½	20	
		173			32	136					248	134	
9	23	~~160~~	324	5	14	18	239	700	540	5	230	18	
					39	154					297	152	
10	27	260	328	5	15	24	297	650	598	5	284½	26	
	+ 292	512				178	2789	643				178	
B.M. 210-4							+ 292	512				178	B.M. 210-4
							− 2497	131				356	SPUNKY CYN RD., 1.8 MI.
													W. OF BOUQUET CYN RD.
													F.B 3734-119 W. SIDE

T. = 56°

F.B. 4132 PG. 92 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 20-Nov. '72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:45-14:20 ROD NO. 21394

NOTES CHK DARAINE MIYATA DATE 2 JAN '73

76P526B CE # 308 8/68

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 Strader

NOTES BY Rodriguez DATE 6 Nov-72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER Calm-Clear INST. NO 75234

TIME 9:45 - 10:20 ROD NO. 2139 HB

NOTES CHK LARAINE MIYATA DATE 2 JAN '73

F.B. 4132 PG. 93

T=64°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM210-5													FROM BM210-5 TO T.B.M #1
1	295	652	596	5	2) 295 284	22	13	853	314	5	23 3	20	BM210-5
													SPUNKY CYN RD 2.0 MI N.W
2	294	708	595	5	2) 294 286	6 18	16	741	317	5	25 7	18	of Bouquet Canyon RD
						38						38	FB. 3734-121
3	296	376	597	5	2) 296 289	14	13	918	314	5	19 7	12	
						52						50	π PETERSON
4	290	413	591	5	296 284	12	12	707	313	5	18 6	12	
						64						62	
5	297	704	598	5	2) 297 290	14	12	568	313	5	20 4	16	
						78						78	
	276	587	577	5	287 265	22	22	853	323	5	31 13	18	
						100						96	
7	238	723	539	5	243 233	10	144	165	445	5	150 138	12	
	+ 1990	163				110	- 236	805				108	
	- 236	805										110	
	+ 1753	358										218	
T.B.M #1													T.B.M #1
													SET BOAT SPK W/T 218 METERS
													(463.0') No. of BM 210-5
													WEST SIDE Edge of pavement

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
T.B.M# 1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M#1 TO BM 210-5
1	16	303	317	5	28 4	24	285	049	586	5	296 274	22	T.B.M #1
													SET BOAT SPK W/T 218 METERS
2	20	593	321	5	29 11	18	290	113	591	5	298 282	16	NO. of BM 210-5
						42						38	
3	31	272	332	5	36 26	10	293	322	594	5	300 286	14	π PETERSON
						52						52	
4	21	362	322	5	26 16	10	258	613	559	5	263 253	10	
						62						62	
5	11	867	312	5	18 4	14	291	940	592	5	298 284	14	
						76						76	
6	33	504	334	5	40 26	14	259	047	560	5	266 252	14	
						90						90	
7	33	248	334	5	41 25	16	243	323	544	5	250 236	14	
	+ 168	149				106	1921	407				104	
							+ 168	149				106	
							− 1753	258				210	
BM 210-5													BM 210-5
													SPUNKY CYN RD 2.0 MI
													N.W. of BOUQUET CYN RD
													FB 3734-121

T = 58°

WEATHER Clear-Windy INST. NO. 75234

TIME 1:05-1:40 ROD NO. 2139

NOTES CHK. LARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 94 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 20 NOV. 72

INDEXED G. D. BAILEY DATE

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRadeR
NOTES BY G.D. BAILEY DATE 6 NOV 72
INDEXED DATE DEC 21 1972
WEATHER 49 T. WINDS TIME 10:25-10:50
NOTES CHKD. DARAINE MIYATA DATE
ROD NO. 2 JAN 73
INST. NO. 25234
T=64°
F.B. 4132 PG. 95

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
T.B.M. #1													FROM T.B.M #1 TO BM 210-6
1	298	654	599	5	298 / 2)290	16	15	848	316	5	34 / 8	18	T.B.M #1
													SET BOAT SPK W/T 218 METERS
2	296	823	597	5	296 / 2)286	20	16	862	317	5	25 / 7	18	(463.0') APPROX. NO. of BM.
						36						36	210-5 WEST SIDE, Edge of
3	294	500	595	5	294 / 2)285	18	13	142	314	5	19 / 7	12	PAVEMENT
						54						48	
4	291	142	592	5	297 / 283	16	16	983	317	5	24 / 8	16	T: T.C. PETERSON
						70						64	
5	294	172	595	5	294 / 2)289	10	19	848	320	5	26 / 12	14	
						80						78	
	246	417	547	5	251 / 241	10	114	597	415	5	119 / 109	10	
	+ 172	708				90	- 197	280				88	
	- 197	280										90	
BM 210-6	+ 1524	428										178	BM 210-6
													SPUNKY CYN. RD. ABOUT 2.2
													MILES NW'LY OF BOUQUET
													CYN. RD., SW'LY SIDE OF ROAD
													F.B. 3734-123

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-6	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 210-6 TO T.B.M #1
1	22	532	323	5	28 16	12	275	343	576	5	281 269	12	BM 210-6
2	22	191	323	5	31 13	18	287	332	588	5	295 279	16	SPUNKY CYN RD. 2.2 mi N.W. Ly of Bouquet
						30						28	CYN RD.
3	25	019	326	5	32 18	14	284	633	585	5	291 277	14	FB 3734-123
						44						42	
4	11	101	312	5	18 4	14	286	253	587	5	294 278	16	Π = PETERSON
						58						58	
5	39	267	340	5	47 31	16	239	282	540	5	247 231	16	
						74						74	
6	13	179	314	5	21 5	16	284	862	585	5	291 277	14	
	+ 133	289				90	1657	705				88	
							+ 133	289				90	
T.B.M #1							− 1524	416				178	T.B.M #1
													SPUNKY RD
													SET BOAT SPKW/T 218
													METERS NO of BM 210-5 West SIDE of RD
													Edge Pavement

F.B. 4132 PG. 96

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LE

SURVEY BY Strader NOTES RODRIGUEZ 20 NOV 72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Wind INST. NO. 75234

TIME 11:45-12:10 ROD NO. 2139

NOTES CHK LARAINE MIYAMA DATE 2 JAN '73

T=5e

76P526B CE # 308 8/68

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
BM 210-6									FROM BM 210-6 TO T.B.M. #2
1	237	118	538 5	250 224 26	16	062	317 5	29 3 26	BM 210-6
									SPUNKY CN RD 2.2 MI NE'LY
2	228	780	529 5	237 219 18	14	470	315 5	23 5 18	OF BOQUET CN RD S.W'LY SIDE
				44				44	F.B. 3734-123
3	264	082	565 5	271 257 14	19	982	320 5	26 12 14	
				58				58	
4	255	622	556 5	264 246 18	16	048	317 5	25 7 18	
				76				76	⊼ ANDERSON
5	272	580	573 5	280 264 16	12	368	313 5	20 4 16	
				92				92	
6	243	298	544 5	248 238 10	14	415	315 5	21 7 14	
				102				106	
7	288	563	589 5	296 280 16	25	803	326 5	32 18 14	
				118				120	
8	294	148	595 5 (1)	294 286 16	12	022	313 5	20 4 16	
	+ 2084	191		134	131	170		136	
	− 131	170						134	
	+ 1953	021						270	
T.B.M. #2									T.B.M. #2

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 6 NOV 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:55 - 11:35 ROD NO. 2139AB

NOTES CHK'D DARAINE MIYATA DATE 2 JAN '73

T=60

F.B. 4132 PG. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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F.B. 4132 PG. 98 JOB NO. 0301.02 T=50

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 20 NOV 1972

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 2523

TIME 10:50-11:40 ROD NO. 2139A2

NOTES CHK BARAINE MIYATA DATE 2 JAN '73

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M. #2	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #2 TO BM 210-6
1	23	610	324	5	30 / 16	14	239	341	540	5	246 / 232	14	T.B.M. #2
2	21	714	322	5	26 / 16	10	214	268	515	5	219 / 209	10	
						24						24	
3	13	031	314	5	24 / 2	22	295	125	596	5	(4) 295 / (3) 284	22	
						46						46	
4	18	353	319	5	34 / 12	12	216	178	517	5	222 / 210	12	T ANDERSON
						58						58	
5	21	268	322	5	29 / 13	16	267	863	568	5	274 / 260	14	
						74						72	
6	11	138	312	5	20 / 2	18	296	524	597	5	(4) 296 / (3) 286	20	
						92						92	
7	14	923	315	5	21 / 7	14	222	102	523	5	229 / 215	14	
						106						106	
8	37	727	338	5	47 / 27	20	239	792	540	5	249 / 229	20	
						126						126	
9	72	119	373	5	79 / 65	14	195	732	496	5	202 / 188	14	
+	233	883				140	2186	925				140	
						+	233	883				140	
						−	1953	042				280	
BM 210-6													BM 210-6 SPUNKY CN. RD. 2.2 MI. N.E.'LY OF BOQUET CN. RD. S.W.'LY SIDE F.B. 3734-123

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M. #2	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #2 TO BM 210-7
1	263	790	564	5	270 256	14	15	193	316	5	22 8	14	T.B.M. #2
2	247	947	548	5	254 240	14	39	538	340	5	47 31	16	
						28						30	
3	267	783	568	5	274 260	14	18	445	319	5	25 11	14	
						42						44	
4	251	249	552	5	259 243	16	22	490	323	5	29 15	14	
						58						58	⊼ ANDERSON
5	281	884	582	5	286 276	10	40	575	341	5	45 35	10	
	+ 1312	653				68	- 136	241				68	
	- 136	241										68	
	+ 1176	412										136	
BM 210-7													BM 210-7
													SPUNKY CN. RD. 2.5 MI.
													N.E. LY OF BOQUET CN. RD
													F.B. 3734-125

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 6 NOV 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM INST. NO 775234

TIME 11:35-11:50 ROD NO 2139AB

NOTES CHK LARAINE MIYATA DATE 2 JAN 76

T-62

F.B. 4132 PG. 99

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-7	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 210-7 TO T.B.M. #2
1	28	592	329	5	33 23	10	253	263	554	5	258 248	10	BM 210-7
													SPUNKY CN. RD. 2.5 MI. N.E'LY
2	10	272	311	5	(1/2) 19 10	18	250	582	551	5	259 241	18	OF BOQUET CN. RD
						28						28	F.B. 3734-125
3	21	117	322	5	29 13	16	241	315	542	5	248 234	14	
						44						42	
4	12	117	313	5	19 5	14	252	880	553	5	259 245	14	
						58						56	
5	36	998	337	5	43 29	14	287	318	588	5	295 279	16	⊼ ANDERSON
	+ 109	096				72	1285	358				72	
							+ 109	096				72	
							− 1176	262				144	
T.B.M. # 2													T.B.M. #2

F.B. 4132 PG. 100 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 20 NOV 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 10:30 - 10:50 ROD NO. 2139

NOTES CHK DARAINE MIYATA DATE 2 JAN 72

T=48°

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COPIED 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 R.L. STRADER
NOTES BY R.L.S. DATE Nov. 6, '72
INDEXED G. D. BAILEY DATE DEC 21 1972
WEATHER Cloudy. Calm INST. NO. 75234
TIME 13:00-13:25 ROD NO. 2139A-1
NOTES CHK LARAINE MIYADA DATE 2 JAN 73
F.B. 4132 PG. 101
T=62°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 210-7									FROM BM 210-7 TO BM 210-8
1	271	412	572 5	282 260 22	13	989	314 5	23 3 20	BM. 210-7
							4		SPUNKY CYN. RD., 2.5 MILES
2	291	370	592 5	300 282 18	13	272	315 5	23 3 20	NW'LY OF BOUQUET CYN RD.
				40				40	E'LY SIDE ROAD
3	301	668	602 5	301 291 ½ 20	11	492	312 5	22 0 22	F.B. 3734-125
				60				62	
4	297	760	598 5	297 288 ½ 18	12	878	313 5	24 0 24	
				78				86	
5	294	212	595 5	294 279 ½ 30	13	240	314 5	24 13 ½ 22	⊼ R. RODRIGUEZ
				108				108	
6	292	660	593 5	292 280 ½ 24	63	070	364 5	75 51 24	
				132				132	
7	222	232	523 5	237 207 30	71	013	372 5	86 56 30	
				162				162	
8	234	440	535 5	242 226 16	163	160	464 5	171 155 16	
				178	~~-362~~	~~124~~		178	
					-362	114		178	
								356	

+ 2205 754
- 362 124
~~+ 1843 630~~

+ 2205 754
- 362 114
+ 1843 640

BM 210-8

BM 210-8
SPUNKY CYN. RD., 2.75 MILES
NW'LY OF BOUQUET CYN. RD.
@ SUMMIT
F.B. 3734-127

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. 210-8 TO B.M. 210-7
B.M. 210-8		102		44				299	B.M. 210-8
1	18	~~080~~	319 5	18 ½ 52	273	080	574 5	247 52	SPUNKY CYN RD., 2.75 MI.
				30				293	NW'ERLY OF BOUQUET CYN RD.
2	16	710	317 5	2 28	293	702	594 5	281 ½ 24	F.B. 3734-127
				41 80				258 76	
3	31	031	332 5	21 20	246	722	547 5	234 24	
				24 100				296 100	
4	12	620	313 5	12 ½ 24	296	958	597 5	285 ½ 22	⊼ = RODRIGUEZ
				32 124				300 122	
5	22	938	323 5	12 20	300	270	601 5	288 ½ 24	
				32 144				298 146	
6	23	058	324 5	14 18	289	290	590 5	280 18	
				22 162		461		290 164	
7	11	438	312 5	0 22	279	~~490~~	580 5	268 22	
+	135	897		184	1979	483		186	
B.M. 210-7				+	135	897		184	B.M. 210-7
				−	1843	586		370	SPUNKY CYN RD., 2.5 MI.
									NW'LY OF BOUQUET CYN. RD.
									F.B. 3734-125 E'LY SIDE

F.B. 4132 PG. 102 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 75234

SURVEY BY STRADER NOTES ANDERSON DATE: 20-Nov.'72 TIME 09:55-10:25 ROD NO. 2139 A&B

INDEXED G. D. BAILEY DATE NOTES CHK. LARAINE MIYATA DATE 2 JAN '73

T = 50°

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COLLED 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
BM 210-8									FROM BM 210-8 TO TBM #3
1	217	632	518 5	241 193 48	107	572	408 5	130 84 46	BM 210-8
2	55	040	356 5	65 45 20	294	240	595 5	294 ½ 20	SPUNKY CYN RD., 2.75 MILES NW'LY OF BOUQUET CYN. RD.
				68				66	@ SUMMIT
3	14	730	315 5	33 14 ½ 38	235	840	536 5	255 215 40	F.B. 3734-127
				106				106	
4	254	088	555 5	271 237 34	138	189	439 5	155 121 34	
				140				140	
5	91	051	392 5	103 79 24	277	069	578 5	288 266 22	⊼ R. RODRIGUEZ
				164				162	
6	19	522	320 5	26 12 14	295	312	596 5	295 ½ 288 14	
				178				176	
TBM #3	84	573	385 5	88 80 8	228	970	529 5	232 224 8	TBM #3
+	736	636		186	-1577.192			184	SET BT SPKWET WEST
					+736 636			186	EDGE OF PVMT.
					-840.556			370	

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

SURVEY BY R.L. STRADER

NOTES BY R.H.S. DATE NOV 6, '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLOUDY CALM INST. NO. 75224

TIME 13:25-13:50 ROD NO. 2139A

NOTES CHKD LARAINE MIYATA DATE 2 JAN '73

T=62°

F.B. 4132 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 T.B.M. #3 TO B.M. 210-8
T.B.M. #3				297				20	T.B.M. #3
1	297	051	598 5	288 1½ 18	11	038	312 5	2 18	SET LG. BT. SPK. W. ¢ T. - W. EDGE OF PVT.
				299				56	
2	299	579	600 5	292 1½ 14	48	606	349 5	40 16	
				244 32				300 34	
3	221	812	522 5	198 46	273	220	574 5	246 54	
				267 78		718		69 88	
4	250	412	561 5	233 34	57	~~741~~	358 5	45 24	
				300 112				25 112	
5	289	170	590 5	278 22	14	060	315 5	14 1½ 22	T = RODRIGUEZ
				154 134				268 134	
6	132	411	433 5	110 44	245	446	546 5	222 46	
	+1490	435		178	650	088		180	
B.M. 210-8	-650	088						178	B.M. 210-8
	+840	347						358	SPUNKY CYN RD., 2.75 MI. NW'LY OF BOUQUET CYN RD. F.B. 3734-127

T. 2 Aug

WEATHER Sunny & Cool INST. NO. 75239

TIME 09:30 ROD NO. 2139 A-B

NOTES CHIEF DARAINE MIYATA DATE 2 JAN 73

JOB NO. 0301.02

NOTES Anderson DATE Nov. '72

DATE

PG. 104

4132

...IEY OF L.A. Co. PARCEL LEVEL NET 28

...IEY BY Stroger

...XED G.D. BAILEY

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
B.M. 210-8	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM B.M. 210-8 TO T.B.M. #3
					29~~2~~1						278		B.M 210-8
1	261	769	562	5	23~~2~~1	60	278	538	579	5	248 ½	60	SPUNKY CYN. RD., 2.75 MI.
					23						252		N.W'LY OF BOUQUET CYN. RD.
2	13	172	314	5	3	20	242	212	543	5	232	20	F.B. 3734-127
					70	80					104	80	
3	40	882	341	5	40 ½	60	72	140	373	5	72 ½	64	
					135	140					~~300~~	144	301
4	125	232	426	5	115	20	291	728	592	5	~~280~~	20	281 ⊼ = RODRIGUEZ
					24	160					270	164	
5	17	711	318	5	10	14	265	862	566	5	260	10	
					89	174					238	174	
6	84	570	385	5	79	10	233	371	534	5	228	10	
+	543	336				184	1383	851				184	RERUN
T.B.M. #3						+	543	336				184	
						−	840	515				368	→ T.B.M. #3

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 21-NOV. '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM

TIME 14:10 - 14:40

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

T = 56°

F.B. 4132 PG. 105

INST. NO. 75239

ROD NO. 2139A-6

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Rodriguez DATE 6 Nov. 72 WEATHER Overcast INST. NO. 25234

NOTES BY G.D. BAILEY DATE DEC 21 1972 TIME 1:55 - 2:30 ROD NO. 2139HB

INDEXED DATE 2 JAN 73 NOTES CHK BARAINE MIYATA

F.B. 4132 Pg. 107

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
T.B.M #3													FROM T.B.M #3 TO BM 210-9
1	36	750	337	5	46 26	20	266	871	567	5	277 255	22	T.B.M #3
													SET BOAT SPK W/T WEST
2	21	536	322	5	32 10	22	297	959	598	5	297 285	24	Edge of pavement.
						42						46	
3	10	988	311	5	2) 26 10	32	293	952	594	5	2) 293 280	26	
						74						72	π STRADER
4	24	495	325	5	35 13	22	252	906	553	5	264 240	24	
						96						96	
5	15	659	316	5	23 7	16	290	262	591	5	298 282	16	
						112						112	
	17	330	318	5	24 10	14	288	979	589	5	295 281	14	
						126						126	
7	19	274	320	5	29 9	20	282	024	583	5	293 271	22	
						146						148	
8	41	265	342	5	53 29	24	287	718	598	5	301 273	28	
						170						176	
9	29	870	330	5	38 20	18	173	980	474	5	179 167	12	
						188						188	
10	126	600	427	5	131 121	10	166	469	467	5	171 161	10	
	+ 343	767				198	-2601	120				198	
							+ 343	767				198	
BM 210-9							-2257	353				396	BM 210-9
													SPUNKY CYN RD 3.2 MI
													N.W. of Bouquet CYN RD.
													FB 3734 - 129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM210-9													FROM BM210-9 TO T.B.M #3
1	135	029	436	5	144 126	18	69	103	370	5	78 60	18	BM210-9
2	278	623	579	5	285 271	14	44	694	345	5	52 36	16	SPUNKY CYN RD 3.2 MI N.W of BOUQUET CYN RD
						32						34	FB 3734-129
3	236	722	537	5	246 226	20	19	425	320	5	29 9	20	
						52						54	π STRADER
4	264	297	565	5	274 254	20	12	419	313	5	21 3	18	
						72						72	
5	294	841	595	5	2) 294 287	14	20	147	321	5	28 12	16	
						86						88	
6	289	559	590	5	297 281	16	47	361	348	5	55 39	16	
						102						104	
7	283	197	584	5	295 271	24	58	525	359	5	70 46	24	
						126						128	
8	286	512	587	5	297 275	22	25	171	326	5	36 14	22	
						148						150	
9	247	077	548	5	258 236	22	63	448	364	5	72 54	18	
						170						168	
10	299	149	600	5	2) 299 286	26	61	226	362	5	73 49	24	
						196						192	
T.B.M #3 (11)	256	567	557	5	261 251	10	192	622	493	5	197 187	10 196	
+2	871	573				206	614	141				388	T.B.M #3
−	614	141										202	SET BOAT SPK W/T W.
+2	257	432										206	Edge of Pavement
												408	

F.B. 4132 PG. 108 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE Level Net

SURVEY BY STRADER NOTES RODRIGUEZ 13 NOV 72

INDEXED G. D. BAILEY DATE

T = 46° WINDY

WEATHER OVERCAST INST. NO. 75234

TIME 1:45 - 2:20 ROD NO. 2139 MB

NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 6 NOV. 72

WEATHER OVERCAST

TIME 2:30-3:05

INST. NO. 75234

ROD NO. 2139HB

INDEXED G.D. BAILEY DATE DEC 21 1972

NOTES CHK. DARAINE MIYATA DATE 2 JAN '73

F.B. 4132 PG. 109

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 210-9													FROM BM 210-9 TO BM 210-10
1	83	913	384	5	91 75	16	241	200	542	5	249 233	16	BM 210-9
													SPUNKY Rd 3.2 mi N.W. of
2	93	787	394	5	113 73	40	290	905	591	5	2) 290 270	40	BOUQUET CYN Rd.
						56						56	FB. 3734-129
3	101	705	402	5	121 81	40	291	281	592	5	2) 291 275	32	
						96						88	⊼ STRADER
4	45	888	346	5	55 35	20	266	086	567	5	279 253	26	
						116						114	
5	25	286	326	5	42 8	34	253	070	554	5	270 236	34	
						150						148	
	19	362	320	5	31 7	24	287	819	588	5	298 276	22	
						174						170	
7	23	529	324	5	32 14	18	291	455	592	5	301 281	20	
						192						190	
8	19	921	320	5	27 11	16	301	410	602	5	2) 301 292	18	
						208						208	
9	76	458	377	5	81 71	10	157	269	458	5	162 152	10	
+	489	849				218	2380	495				218	
						+	489	849				218	
BM 210-10						-	1890	646				436	BM 210-10
													SPUNKY CYN RD. 3.45 mi N.W.
													of BOUQUET CYN RD SO, SIDE
													FB. 3734-131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4132 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. Co. Discrete Level Net

SURVEY BY NOTES 12/20/19/02 -13 Nov 72

INDEXED G. D. BAILEY DATE

WEATHER Overcast INST. NO. 3523 ✓

TIME 1:10-1:45 ROD NO. 243 TMS

NOTES CHK LARAINE MIYATA DATE 2 [illegible] 73

T = 46°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-10													FROM BM 210-10 TO BM 210-9
1	278	872	579	5	285 271	14	44	233	345	5	37 37	14	BM 210-10
						28						28	SPUNKY CYN RD 3.45 MI
2	259	522	560	5	266 252	14	16	023	317	5	23 9	14	N.W. of BOUQUET CYN RD
						28						28	FB 3734-131
3	271	575	572	5	279 263	16	32	530	333	5	40 24	16	
						44						44	T STRADER
4	271	482	572	5	282 240	42	59	683	360	5	70 48	22	
						66						66	
5	251	641	552	5	267 235	32	23	228	324	5	40 6	34	
						98						100	
6	283	542	584	5	298 268	30	47	511	348	5	62 32	30	
						128						130	
7	256	953	557	5	272 240	32	96	356	397	5	182 80	32	
						160						162	
8	301	801	602	5	2) 301 290	22	95	340	396	5	105 85	20	
						182						182	
9	176	181	477	5	186 166	20	62	505	363	5	71 53	18	
						202						200	
10	178	889	479	5	183 173	10	162	181	463	5	167 157	10	
	+ 2530	458				212	- 639	590				210	BM 210-9
	- 639	590										212	SPUNKY CYN RD 3.2 MI
BM 210-9 +	1890	868										422	N.W. of BOUQUET CYN RD
													FB 3734-129

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM210-10													FROM BM210-10 TO BM210-9
1	299	996	600	5	2) 299 289	20	40	351	341	5	50 30	20	BM210-10
2	301	263	602	5	2) 301 295	12	26	642	327	5	32 20	12	SPUNKY CYN RD. 3.5 MI N.W. of BOUQUET CYN RD.
						32						32	FB.
3	267	722	568	5	275 259	16	28	266	329	5	37 19	18	
						48						50	⊼ STRADER
4	281	511	582	5	294 268	26	110	437	411	5	123 97	26	
						74						76	
5	283	290	584	5	297 269	28	34	965	335	5	49 19	30	
						102						106	
6	279	469	580	5	293 265	28	10	982	311	5	2) 22 10	24	
						130						130	RERUN
7	190	849	491	5	208 172	36	34	916	335	5	52 16	36	
						166						166	
8	261	891	562	5	273 249	24	108	559	409	5	120 96	24	
						190						190	
9	191	371	492	5	202 180	22	71	418	372	5	82 60	22	
+	2357	362				212	466	536				212	
-	466	536										212	
+	1890	826										424	
BM210-9													BM210-9
													SPUNKY CYN RD 32 MI N.W. of BOUQUET CYN RD.
													FB. 3734-129

F.B. 4132 PG. 112 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES RODRIGUEZ 21 NOV 72

INDEXED G. D. BAILEY DATE DEC 21 1972

WEATHER Windy-Clear INST. NO. 75234

TIME 1:30-2:00 ROD NO. 213946

NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

T=54°

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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
B.M. 210-10									FROM B.M. 210-10 TO T.B.M. # 4
1	65	277	366 5	76 54 22	253	648	554 5	264 242 22	B.M. 210-10
									SPUNKY CYN. RD., 3.45 MILES
2	13	941	314 5	22 4 18	300	096	601 5	300 291 1/2 18	NW'LY OF BOUQUET CYN. RD.
				40				40	W'LY SIDE OF ROAD
3	20	288	321 5	28 12 16	291	162	592 5	299 283 16	F.B. 3734-131
				56				56	
4	52	498	353 5	61 43 18	195	789	496 5	204 186 18	
				74				74	
5	40	687	341 5	52 28 24	254	478	555 5	266 242 24	T. PETERSON
				98				98	
6	41	834	342 5	55 27 28	299	901	600 5	299 288 1/2 22	
				126				120	
7	33	817	334 5	40 26 14	281	613	582 5	290 282 18	
				140				138	
8	31	248	332 5	40 22 18	262	167	563 5	272 252 20	
				158				158	
9	10 4	499	405 5	111 97 14	164	403	465 5	170 158 12	
+	404	089		172	2303257			170	
				+	404089			172	
				-	1899 168			342	
T.B.M. # 4									T.B.M. #4 - SPUNKY CYN. RD. SET SPK. IN L.A.C.F.D. POLE #5847 W'LY SIDE ROAD NO REF.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. STRADER DATE NOV. 8, '72 WEATHER CLEAR, CALM INST. NO. 75234
NOTES BY R.L.S. TIME 12:45-13:25 ROD NO. 2139A-E
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHK. DARAINE MIYATA DATE 2 JAN '73

T = 58°

F.B. 4132 PG. 11

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
T.B.M. #4													FROM T.B.M. #4 TO BM. 210-10
1	237	410	538	5	251 223	28	14	968	315	5	27 14 ½	26	T.B.M. #4
2	296	377	597	5	296 287 ½	18	11	190	312	5	21 1	20	SPUNKY CYN. RD. IN L.A. Co. F.D. # 5847, W'LY SIDE OF ROAD NO REF.
						46						46	
3	290	121	591	5	298 282	16	28	231	329	5	37 19	18	
						62						64	
4	257	797	558	5	271 243	28	62	851	363	5	75 49	26	
						90						90	
5	204	331	505	5	213 195	18	17	820	318	5	25 9	16	⊼ T. PETERSON
						108						106	
6	293	729	594	5	300 286	14	10	728	311	5	18 2	16	
						122						122	
7	276	758	577	5	284 268	16	32	358	333	5	40 24	16	
						138						138	
8	283	696	584	5	294 272	22	62	927	363	5	74 50	24	
						160	~~241~~	~~173~~				162	
							241	073				160	
												322	
	+ 2140	219											
	− 241	173											
	~~+ 1899~~	~~046~~											
	+ 2140	219											
	− 241	073											
	+ 1899	146											
B.M. 210-10													B.M. 210-10 SPUNKY CYN. RD., 3.45 MILES NW'LY OF BOUQUET CYN. RD., W'LY SIDE OF ROAD F.B. 3734-131

T=46°

F.B. 4132 PG. 114 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVELS NET

SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 13, '72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY - CALM INST. NO. 75234

TIME 11:10 - 11:50 ROD NO. 2139 A.B

NOTES CHK. DATE 2 [illegible] 72

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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
T.B.M. #4									FROM T.B.M. #4 TO BM. 210-11
1	22	381	323 5	30 14 16	213	163	514 5	220 206 14	T.B.M. #4 - SPUNKY CYN RD. SPK. IN L.A. Co. R.F.D. POLE #5847, W'LY SIDE ROAD NO REF
2	44	902	345 5	56 32 24	300	756	601 5	300 289 1/2 22	
				40				36	
3	14	189	315 5	22 ~~46~~ 16	294	371	595 5	294 286 1/2 16	
				56				52	
4	34	438	335 5	41 27 14	255	383	556 5	264 246 18	
				70				70	
5	61	438	362 5	75 47 28	205	745	506 5	219 191 28	⊼ T. PETERSON
+	177	348		98	1269	418		98	
				+	177	348		98	
				-	1092	070		196	
B.M. 210-11									B.M. 210-11 SPUNKY CYN. RD. @ ENTRANCE TO SPUNKY CAMPGROUND F.B. 3734-133

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE Nov. 8, '72
INDEXED G.D. BAILEY DATE DEC 31 1972
WEATHER CLEAR. BREEZE INST. NO. 75234
TIME 13:30-13:55 ROD NO. 2139A-1
NOTES CHK DARAINE MIYATA DATE 2 JAN '73

T = 56°

F.B. 4132 PG. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
B.M. 210-11	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 210-11 TO T.B.M. #4
1	213	589	514	5	227 199	28	66	591	367	5	80 52	28	B.M. 210-11 SPUNKY CYN. RD. @
2	298	311	599	5	298 287½	22 50	12	953	313	5	22 2	20 48	ENTRANCE TO SPUNKY CAMPGROUND
3	297	393	598	5	297½ 288½	18 68	20	418	321	5	29 11	18 66	F.B. 3734-133
4	294	393	595	5	294½ 284½	20 88	66	008	367	5	76 56	20 86	
5	205	439	506	5	210 200	10 98	50	938	351	5	56 44	12 98	⊼ T. PETERSON
	+ 1309	125					- 216	908				98	
	- 216	908										196	
	+ 1092	217											
T.B.M. #4													T.B.M. #4 SPUNKY CYN. RD. IN L.A. CO. F.D. POLE # 5847 W'LY SIDE OF ROAD, NO REF.

T = 46°

F.B. 4132 PG. 116

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 13, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 10:45-11:05 ROD NO. 2139 A.B.

NOTES CHK. LARAINE MIYATA DATE 2 JAN '73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 210-11									FROM BM 210-11 TO T.B.M. #5
1	~~35~~ 35	983	336 5	46 24 22	205	808	506 5	218 192 26	BM 210-11
2	14	443	315 5	26 2 24	200	732	501 5	210 190 20	SPUNKY CN. RD & ENTRANCE TO SPUNKY CAMPGROUND
				46				46	F.B. 3734-133
3	13	680	314 5	(½) 25 13 24	287	498	588 5	299 275 24	
				70				70	
4	24	381	325 5	31 17 14	243	093	544 5	251 235 16	
				84				86	⊼ ANDERSON
5	20	648	321 5	29 11 18	289	278	590 5	297 281 16	
				102				102	
6	20	212	321 5	27 13 14	243	358	544 5	250 238 14	
				116				116	
7	14	532	315 5	22 6 16	245	065	546 5	253 237 16	
				132				132	
8	10	584	311 5	18 2 16	228	583	529 5	236 220 16	
				148				148	
9	33	738	334 5	42 24 18	239	234	540 5	248 230 18	
				166				166	
10	83	783	384 5	89 77 12	147	565	448 5	153 141 12	
	+ 271	984		178	− 2330	214		178	
					+ 271	984		178	
					− 2058	230		356	
T.B.M. #5									T.B.M. #5 SPUNKY CN. RD.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 8 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & RIGHT BRIDGE

TIME 14:00-14:40

NOTES CHK BARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 117

INST. NO. 75234

ROD NO. 2139A

T-56

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
T.B.M. #5	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM TBM #5 TO BM 210-11
1	236	~~513~~ 492	537	5	248 224	24	17	433	318	5	28 6	22	T.B.M. #5
2	273	682	574	5	283 263	20	12	102	313	5	22 2	20	
						44						42	
3	288	516	589	5	296 280	16	13	532	314	5	21 5	16	
						60						58	
4	265	514	566	5	272 258	14	31	698	332	5	39 23	16	ANDERSON
						74						74	
5	298	932	599	5	(½) 298 290	16	47	157	348	5	55 39	16	
						90						90	
6	238	448	539	5	246 230	16	33	303	334	5	41 25	16	
						106						106	
7	285	548	586	5	294 276	18	36	012	337	5	45 27	18	
						124						124	
8	254	938	555	5	269 239	30	29	088	330	5	44 14	30	
						154						154	
9	181	090	482	5	190 172	18	44	653	345	5	53 35	18	
	+2323	160				172	-264	978				172	
	-264	978										172	
	+2058	182										344	
BM 210-11													BM 210-11 SPUNKY CN. RD. & ENTRANCE TO SPUNKY CAMPGROUND F.B. 3734-133

F.B. 4132 PG. 118 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 13 NOV 72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST & CALM INST. NO. 75234

TIME 09:35-10:10 ROD NO. 2139 AB

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

T=46

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CANCELLED 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 R. L. STRADER
NOTES BY PETERSON DATE 8 NOV. 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & CALM
TIME 14:40-16:05
NOTES CHKD LORAINE MIYATA DATE 2 JAN '73
F.B. 4132 PG. 119
T= 56

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M. #5									FROM T.B.M. #5 TO BM 210-12
1	32	869	333 5	39 25 14	212	041	513 5	220 204 16	T.B.M. #5
2	24	192	325 5	33 15 18	244	292	545 5	252 236 16	
				32				32	
3	26	738	327 5	36 16 20	248	500	549 5	258 238 20	
				52				52	
4	20	388	321 5	32 8 24	211	679	512 5	220 200 ~~20~~ 22	
				76				~~92~~ 74	⊼ ANDERSON
5	14	721	315 5	(½) 31 14 34	293	183	594 5	(½) 293 274 38	
				110				110 2	
6	58	958	359 5	68 48 20	171	510	472 5	181 161 20	
+	177	866		130	~~1381~~	~~405~~		130 2	
				+	177	866		130	
					~~1203~~	~~539~~		260 2	
				-	1381	205			
BM 210-12				+	177	866			BM 210-12
				-	1203	339			SPUNKY CN. RD. ABOUT 90' W'LY OF CALLE DESCONOCIDO; 65' S.E'LY OF P.P. #784236H

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-12	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 210-12 TO T.B.M. #5
1	224	420	525	5	239 / 209	30	20	530	321	5	35 / 5	30	BM 210-12
2	277	910	578	5	291 / 263	28 / 58	10	733	311	5 (½)	25 / 10	30 / 60	SPUNKY CN. RD, ABOUT 90' W'LY OF CALLE DESCONOCIDO 6 S.E.'LY OF P.P. #784236 H
3	254	934	555	5	268 / 240	28 / 86	10	253	311	5 (½)	24 / 10	28 / 88	
4	292	758	593	5 (½)	292 / 279	26 / 112	11	563	312	5 (½)	23 / 11	24 / 112	
5	219	980	520	5	227 / 211	16 / 128	13	512	314	5	21 / 5	16 / 128	⊼ ANDERSON
	+ 1270	002					66	591				128	
	- 66	591										128	
	+ 1203	411										256	
T.B.M. #5													T.B.M. #5

T=46"

4132 PG. 120 JOB NO. 0301.02

VEY OF L.A. CO. PRECISE LEVEL NET

VEY BY R.L.S. NOTES PETERSON 13 NOV 72

XED G.D. BAILEY DATE

WEATHER OVERCAST & CALM INST. NO. 75234

TIME 09:10 - 09:35 ROD NO. 2139 A

NOTES CHK LARAINE MIYATA DATE 2 JAN 73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 9 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM

TIME 09:30 - 10:20

NOTES CHKD DARAINE MIYATA DATE 2 JAN 73

INST. NO. 75234

ROD NO. 2139AB

F.B. 4132 PG. 121

T=54

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 210-12													FROM BM 210-12 TO BM 210-13
1	82	251	383	5	92 / 72	20	271	210	572	5	281 / 261	20	BM 210-12
													SPUNKY CN. RD. 90' W'LY OF
2	10	330	311	5	(½) 26 / 10	32	299	339	600	5	(½) 299 / 282	34	CALLE DESCONOCIDO 5' LY SIDE
						52						54	6E S.E'LY OF PP. 784236H
3	23	272	324	5	40 / 6	34	296	560	597	5	(½) 296 / 280	32	F.B. 3734-135
						86						86	
4	29	960	330	5	46 / 12	34	294	650	595	5	(½) 294 / 278	32	
						120						118	
5	12	993	313	5	(½) 34 / 12	44	220	691	521	5	243 / 197	46	π RODRIGUEZ
						164						164	
6	141	541	442	5	161 / 121	40	300	241	601	5	(½) 300 / 281	38	
						204						202	
7	10	861	311	5	(½) 26 / 10	32	287	317	588	5	(½) 287 / 270	34	
						236						236	
8	14	482	315	5	(½) 34 / 14	40	280	719	581	5	299 / 261	38	
						276						274	
9	40	651	341	5	62 / 18	44	297	288	598	5	(½) 297 / 274	46	
						320						320	
10	49	160	350	5	62 / 36	26	238	430	539	5	250 / 226	24	
						346						344	
11	162	730	463	5	188 / 136	52	52	730	353	5	79 / 25	54	
						398						398	
12	276	131	577	5	288 / 264	22	39	552	340	5	50 / 28	22	
+	854	362				420	2878	727				420	
						+	854	362				420	
BM 210-13						-	2024	365				840	BM 210-13
													SPUNKY CN. RD. & CALLE CASCARRON
													AT N.W. COR
													F.B. 3734-137

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

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

Do not extend notes this side of this line.

T = 520

WEATHER CLEAR & CALM INST. NO. 76234
TIME 11:35 - 12:20 ROD NO. 2139 A-B
NOTES CHKD. DATE 2 JAN 73
NOTES CHKD. DATE MIYAMOTO

F.B. 4132 PG. 122 JOB NO. 0301.02
SURVEY OF L.A. Co. PRECISE LEVEL NET
SURVEY BY STRADER NOTES ANDERSON DATE: 21-Nov. '72
INDEXED G. D. BAILEY DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 210-13													FROM B.M. 210-13 TO B.M. 210-12
1	27	889	328	5	40 14	26	282	400	583	5	295 269	26	B.M. 210-13
					96						188		SPUNKY CYN RD. & CALLE CASCA-
2	71	851	372	5	46	50	163	572	464	5	138	50	-RRON N.W. COR.
					292	76					63	76	F.B. 3734-137
3	277	949	578	5	262	30	48	239	349	5	33	30	
					302	106					71	106	
4	282	521	583	5	262	40	51	560	352	5	31	40	
					298	146					34	146	
5	298	952	599	5	274 1/2	48	11	272	312	5	11 1/2	46	T - RODRIGUEZ
					279	194					40	192	
6	266	934	567	5	253	26	25	458	326	5	10	30	
					301	220					170	222	
7	301	749	602	5	281 1/2	40	149	120	450	5	128	42	
					257	260					34	264	
8	232	288	533	5	207	50	11	306	312	5	11 1/2	46	
					288	310					35	310	
9	273	550	574	5	258	30	20	872	321	5	5	30	
					293	340					29	340	
10	293	912	594	5	276 1/2	34	12	671	313	5	12 1/2	34	
					298	374					27	374	
11	298	428	599	5	282 1/2	32	11	251	312	5	11 1/2	32	
					226	406					41	406	
12	217	851	518	5	208	~~58~~	32	040	333	5	23	18	
	+2843	874				18	-819	761				424	
B.M. 210-12	-819	761				424						424	B.M. 210-12
	+2024	113										848	SPUNKY CYN RD., 90' W'LY OF CALLE DESCONOCIDO
													F.B. 3734-135 S'LY SIDE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 Strader WEATHER Clear Calm INST. NO. 75234

NOTES BY Rodriguez DATE 9-Nov-72 TIME 10:35-11:50 ROD NO. 21396

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHK. DARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM210-13									FROM BM210-13 TO BM210-14
1	12	913	313 5	2) 26 12 28	292	697	593 5	2) 292 278 28	BM210-13
2	26	112	327 5	40 12 28	288	350	589 5	300 276 24	SPUNKY CYN RD & Calle
3	11	043	312 5	19 3 56 16	297	347	598 5	2) 297 287 52 20	CASCARRON, N.E. COR
4	12	586	313 5	22 2 72 20	297	251	598 5	2) 297 287 72 20	FB. 3734-137
5	16	160	317 5	26 6 92 20	248	073	549 5	258 238 92 20	⊼ PETERSON
	61	032	362 5	81 41 112 40	188	093	489 5	208 68 112 40	
7	16	861	317 5	2) 35 16 152 38	262	501	563 5	281 243 152 38	
8	16	683	317 5	2) 38 16 190 44	288	327	589 5	2) 288 266 190 44	
9	23	246	324 5	44 2 234 42	268	400	569 5	290 246 234 44	
10	53	582	354 5	69 37 276 32	243	771	544 5	258 228 278 30	
11	135	554	436 5	140 130 308 10	137	788	438 5	142 132 308 10	
	+ 385	772		318	2812	598		318	
	(385	772)			+ 385	772		318	
BM210-14					2426	826		636	BM210-14
									SPUNKY CYN RD. 160' West
									of Calle Cerritos
									FB. 3734-139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM210-14									FROM BM210-14 TO BM210-13
1	156	163	457 5	185 147 18	95	717	396 5	104 86 18	BM210-14
2	281	562	582 5	2) 281 258 46	10	833	311 5	2) 34 10 48	SPUNKY CYN RD 160' W. of Calle Cerritos
3	288	653	589 5	2) 288 265 64 46	10	993	311 5	2) 32 10 66 44	FB 3734-139
4	269	761	570 5	293 245 110 48	15	042	316 5	2) 37 15 110 44	⊼ PETERSON
5	292	113	593 5	2) 292 270 158 44	39	664	340 5	63 15 154 48	
6	298	283	599 5	2) 298 277 202 42	18	188	319 5	2) 36 0 202 36	
7	294	654	595 5	2) 294 282 244 24	23	658	324 5	34 12 238 22	
8	293	345	594 5	2) 293 284 268 18	15	956	316 5	2) 28 15 260 26	
9	300	594	601 5	2) 300 288 286 24	15	161	316 5	2) 29 15 286 28	
10	265	911	566 5	277 253 310 24	68	743	369 5	78 50 314 20	
	+ 2741039			334	- 313955			334	
	- 313955							334	
BM210-13	+ 2427084							668	BM210-13
									SPUNKY CYN RD & Calle Casscaron N.E. COR FB. 3734-137

T=62°

WEATHER Overcast INST. NO. 75234

TIME 2:20-3:20 ROD NO. 2139 MB

NOTES CHK. LARAINE MIYATA DATE 2 JAN 73

JOB NO. 030102

LEVEY OF L.A. Co. Precise Level Net

LEVEY BY Steuler NOTES Rodriguez 10 Nov 72

CHECKED G.D. BAILEY DATE

4132 PG. 124

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM210-14													FROM BM210-14 TO BM210-13
1	164	154	465	5	172 156	16	112	828	413	5	120 104	16	BM210-14
2	291	300	592	5	291 269	44	24	674	325	5	47 24	46	SPUNKY CYN RD 160' W. of Calle Cerittos
3	267	088	568	5	287 247	60 40	24	068	325	5	44 4	62 40	FB 3734-139
4	283	423	584	5	283 262	100 42	56	578	357	5	77 35	102 42	N = PETERSON
5	296	633	597	5	296 277	142 38	75	098	376	5	94 56	144 38	
6	281	181	582	5	281 259	180 44	13	267	314	5	33 13	182 40	
7	300	848	601	5	300 290	224 20	19	127	320	5	29 9	222 20	RERUN
8	297	963	598	5	297 288	244 18	13	051	314	5	23 3	242 20	
9	287	417	588	5	296 278	262 18	65	923	366	5	74 56	262 18	
10	253	529	554	5	265 241	280 24	55	103	356	5	67 43	280 24	
11	254	350	555	5	260 248	304 12	91	132	392	5	97 85	304 12	
	+ 2977	886				316	550	849				316	
	- 550	849										316	
BM210-13	+ 2427	037										632	BM210-13
													SPUNKY CYN RD & Calle Cassaron N.E. COR
													FB 3734-137

F.B. 4132 PG. 126 JOB NO. 7301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY [illegible] NOTES RODRIGUEZ 21 NOV 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER Clear INST. NO. 75234

TIME 10:30-11:30 ROD NO. 2139 MB

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

T = 62° post-windy

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 9 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM

TIME 12:55-13:40

NOTES CHK'D ARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 127

T=6°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM210-14													FROM BM210-14 TO BM210-15
1	110	043	411	5	124 / 96	28	283	748	584	5	297 / 269	28	BM210-14
2	10	855	311	5(½)	30 / 10	40	276	106	577	5	297 / 255	42	SPUNKY CN. RD 160' W OF
						68						70	CALLE CERRITOS; N'LY SIDE
3	40	827	341	5	66 / 14	52	271	670	572	5	296 / 246	50	F.B. 3734-139
						120						120	
4	138	494	439	5	161 / 115	46	123	949	424	5	147 / 99	48	⊼ STRADER
						166						168	
5	190	151	491	5	211 / 169	42	86	489	387	5	107 / 65	42	
						208						210	
6	173	369	474	5	193 / 153	40	14	808	315	5(½)	32 / 14	36	
						248						246	
7	283	516	584	5	299 / 267	32	15	206	316	5(½)	32 / 15	34	
						280						280	
8	282	111	583	5	294 / 270	24	29	635	330	5	41 / 17	24	
						304						304	
9	279	721	580	5	292 / 266	26	20	492	321	5	32 / 8	24	
						330						328	
10	293	983	594	5(½)	293 / 284	18	76	741	377	5	86 / 66	20	
						348						348	
11	208	570	509	5	217 / 199	18	98	629	399	5	107 / 89	18	
						366	1297	473				366	
												366	
												732	
+	2011	640											
−	1297	473											
+	714	167											
BM210-15													BM 210-15
													SPUNKY CN RD @ SAN FRANCISQUITO
													RD. ON N.W'LY PROJECTION OF
													SPUNKY CN. PAUMT
													F.B. 3734-141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM210-15									FROM BM210-15 TO BM210-14
1	73	477	374 5	81 65 16	213	787	514 5	221 205 16	BM 210-15
2	14	~~465~~ 528	315 5	22 6 16	239	243	540 5	247 231 16	SPUNKY CN RD & SAN FRANCISQUITO CN RD. ON N.W'LY PROJECTION
				32				32	OF SPUNKY CN. PVMT
3	10	530	311 5	(½) 22 10 24	263	535	564 5	275 251 24	F.B. 3734-141
				56				56	
4	25	078	326 5	36 14 22	256	598	557 5	268 244 24	
				78				80	⊼ ANDERSON
5	41	032	342 5	54 28 26	269	927	570 5	282 256 26	
				104				106	
6	20	250	321 5	32 8 24	177	041	478 5	190 164 26	
				128				132	
7	90	561	391 5	113 67 46	186	673	487 5	205 167 38	
				174				170	
8	79	223	380 5	109 49 60	135	333	436 5	167 103 64	
				234				234	
9	279	369	580 5	(½) 279 248 62	13	437	314 5	(½) 44 13 62	
				296				296	
10	300	756	601 5	(½) 300 274 52	14	872	315 5	(½) 39 14 50	
				348				346	
11	175	302	476 5	185 165 20	53	518	354 5	(½) 53 42 22	
+	1110	106		368	1823	964		368	
					+ 1110	106		368	
					- 713	858		736	
BM210-14									BM 210-14
									SPUNKY CN. JCD, 160' W'LY OF CALLE CERRITOS; N'LY SIDE
									F.B. 3734-139

F.B. 4132 PG. 128 JOB NO. 030/.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.G.S. NOTES PETERSON 10 NOV 72

INDEXED G. D. BAILEY DATE

WEATHER OVERCAST & WINDY INST. NO. 75234

TIME 13:10 - 14:05 ROD NO. 2139AB

NOTES CHK. LARAINE MIYATA DATE 2 JUN 73

T=52°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-15													FROM BM210-15 TO BM 210-14
1	73	315	374	5	81 65	16	228	432	529	5	236 220	16	BM 210-15
													SPUNKY CN. RD & SAN FRANCISQUITO
2	16	342	317	5	26 6	20	266	783	567	5	276 256	20	CN. RD. ON N.W.'LY PROJECTION
						36						36	OF SPUNKY CN. PVMT
3	16	880	317	5	25 7	18	237	197	538	5	246 228	18	F.B. 3734-141
						54						54	
4	42	635	343	5	51 33	18	226	160	527	5	235 217	18	
						72						72	
5	58	592	359	5	67 49	18	208	892	509	5	216 200	16	
						90						88	⊼ ANDERSON
6	31	748	332	5	44 18	26	270	965	571	5	284 256	28	
						116						116	
7	111	828	412	5	138 84	54	238	065	539	5	263 213	50	
						170						166	
8	64	251	365	5	92 36	56	145	500	446	5	175 115	60	RERUN
						226						226	
9	255	780	556	5	284 226	58	34	534	335	5	[illegible]	56	62 6
						284						282	
10	267	063	568	5	288 246	42	11	528	312	5	(½) 33 11	44	
						326						326	
11	235	812	536	5	252 218	34	20	212	321	5	(½) 20 3	34	
+	1174	246				360	1888	268				360	
							+ 1174	246				360	
							− 714	022				720	
BM210-14													BM210-14
													SPUNKY CN. RD, 160' W'LY OF
													CALLE CERRITOS, N'LY SIDE
													F.B. 3734-139

F.B. 4132 PG. 130 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 21 NOV 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & BREEZY INST. NO. 75234

TIME 09:25 — 10:20 ROD NO. 2139 AB

NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

+=46"

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=62°
SURVEY BY R.L. STRADER WEATHER CLEAR-CALM
NOTES BY R.L.S. DATE NOV. 9, '72 TIME 13:55-14:25 INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD RAINE MIYATA ROD NO. 2139 A-B
F.B. 4132 PG. 131

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM.210-15													FROM BM 210-15 TO T.B.M. #6
1	156	742	457	5	168 144	24	18	660	319	5	30 6	24	B.M. 210-15
													SPUNKY CYN. RD. @ SAN
2	276	882	577	5	289 263	26	29	707	330	5	44 14	30	FRANCISQUITO CYN. RD., N'LY
						50						54	SIDE OF INTER.
3	279	057	580	5	299 259	40	97	032	398	5	115 79	36	F.B. 3734-141
						90						90	
4	188	071	489	5	201 175	26	89	668	390	5	102 76	26	
						116						116	
5	135	333	436	5	161 109	52	72	311	373	5	98 46	52	R. RODRIGUEZ
						168						168	
6	250	670	551	5	265 235	30	19	900	320	5	34 4	30	
						198						198	
7	294	750	595	5	294 281 1/2	26	12	370	313	5	24 0	24	
						224						222	
8	289	778	590	5	299 279	20	28	512	329	5	38 18	20	
						244						242	
9	268	668	569	5	274 262	12	182	031	483	5	189 175	14	
	+ 2139	951				256	- 550	191				256	
	- 550	191										256	
	+ 1589	760										512	
T.B.M. #6													T.B.M. #6 SET SPK. IN P.P. # 1090833 E

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

T. = 56°

WEATHER CLOUDY & CALM INST. NO. 75239
TIME 11:35 - 12:10 ROD NO. 2137A-B
NOTES CHK. LARAINE MIYATA DATE 2 JAN 78

F.B. 4132 PG. 132 JOB NO. 0301.02
SURVEY OF L.A.Co. PRECISE LEVEL NET
SURVEY BY STRADER NOTES ANDERSON DATE: 10-Nov. '72
INDEXED G. D. BAILEY DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM T.B.M. #6 TO B.M. 210-15
T.B.M. #6					28						288		T.B.M. #6
1	20	209	321	5	12	16	280	240	581	5	272	16	SET SPK. IN P.P. # 1090833 E
					25						297		
2	14	398	315	5	3	22	285	307	586	5	273	24	
					44	38					270	40	
3	33	288	334	5	22	22	258	698	559	5	246	24	
					42	60					217	64	
4	18	538	319	5	18 ½	48	199	848	500	5	181	36	T = RODRIGUEZ
					187	108					273	100	
5	160	461	461	5	133	54	242	807	543	5	211	62	
					72	162					301	162	
6	46	382	347	5	20	52	280	730	581	5	259	42	
					32	214					294	204	
7	23	980	324	5	14	18	280	661	581	5	266	28	
					76	232					155	232	
8	67	782	368	5	58	18	146	589	447	5	137	18	
	+ 385 038					250	~~1974.889~~					250	
B.M. 210-15							+ 385.038					250	B.M. 210-15
							~~1589.851~~					500	SPUNKY CN. RD. & SAN FRANCISQUITO CN. RD., N'LY SIDE OF INTR.
							- 1974 880						F.B. 3734-141
							+ 385 038						
							- 1589 842						

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER DATE Nov. 9, '72 WEATHER CLEAR-CALM INST. NO. 75234

NOTES BY R.L.S. TIME 14:30-15:00 ROD NO. 2139 A-B

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD RAINE MIYATA DATE 2 JAN '73

T = 60°

F.B. 4132 PG. 133

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
T.B.M. #6													From T.B.M. #6 To B.M. 210-16
1	298	098	599	5	298 285 1/2	26	21	062	322	5	34 8	26	T.B.M. #6
													SET SPK. IN P.P. # 1090833E
2	262	670	563	5	273 251	22	50	882	351	5	61 39	22	
						48						48	
3	186	572	487	5	211 161	50	73	040	374	5	96 50	46	
						98						94	
4	295	311	596	5	295 278 1/2	34	10	792	311	5	24 10 1/2	28	
						132						122	
5	259	822	560	5	265 251	14	17	128	318	5	28 6	22	R. RODRIGUEZ
						148						144	
6	238	210	539	5	244 232	12	33	080	334	5	41 25	16	
						160						160	
7	280	040	581	5	289 271	18	15	848	316	5	24 6	18	
	+ 1820	723				178	-221	832				178	
	- 221	832					(-221	832)				178	
	+ 1598	891										356	
B.M. 210-16													B.M. 210-16 SAN FRANCISQUITO CYN. RD., ABOUT 0.5 MILE NE'LY OF SPUNKY CYN. RD. F.B. 3734-143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 210-16 TO T.B.M. #6
B.M. 210-16					31						296		B.M. 210-16
1	23	400	324	5	15	16	238	528	539	5	230	16	SAN FRANCISQUITO CYN. RD. ABOUT
					28						295		0.5 MI. N.E.'LY OF SPUNKY CN.
2	17	642	318	5	6	22	295	177	596	5	284 1/2	22	RD.
	14				25	38					298	38	F.B. 3734-143
3	~~15~~	998	315	5	3	22	298	782	599	5	288 1/2	20	
					26	60					270	58	
4	12	192	313	5	12 1/2	28	257	663	558	5	244	26	⊼ = RODRIGUEZ
					140	88					286	84	
5	115	411	416	5	90	50	286	191	587	5	259 1/2	54	
					32	138					294	138	
6	20	358	321	5	8	24	282	380	583	5	270	24	
					76	162					220	162	
7	69	520	370	5	62	14	213	641	594	5	206	14	
	+273	521				176	-1872.362					176	
T.B.M. #6							+273.521					176	T.B.M. #6
							-1598841					352	SET SPK. IN P.P. #1090833E

F.B. 4132 PG. 134 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 10-Nov. '72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 10:55-11:30 ROD NO. 2139 A-B

NOTES CHKD LARAINE MIYATA DATE 2 JAN '73

$T_1 = 52°$

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY STRADER WEATHER OVERCAST-WIND INST. NO. 75234

NOTES BY RODRIGUEZ DATE 10 NOV-72 TIME 9:00 - 9:35 ROD NO. 2139HB

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHKD. DRAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 135

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM210-16													FROM BM210-16 TO BM210-17
1	264	250	565	5	2) 276 / 264	24	21	048	322	5	33 / 9	24	BM210-16
2	297	928	598	5	2) 297 / 284	26	12	242	313	5	2) 25 / 12	26	SAN FRANCISQUITO CYN RD 0.5 MI. NO. EAST. OF SPUNKY
						50						50	CYN RD. (SAN FRANCISQUITO
3	295	138	596	5	2) 295 / 282	26	22	008	323	5	35 / 9	26	& Calle MANZANITA)
						76						76	FB. 3734-143
4	288	963	589	5	2) 288 / 272	32	84	462	385	5	101 / 67	34	
						108						110	⊼ PETERSON.
5	215	603	514	5	238 / 192	46	12	600	313	5	34 / 12	44	
						154						154	
	274	111	575	5	285 / 263	22	23	071	324	5	34 / 12	22	
						176						176	
7	105	604	406	5	110 / 100	10	60	064	361	5	65 / 55	10	
	+ 1741	597				186	235	495				186	
	- 235	495										186	
	+ 1506	102										372	
BM210-17													BM210-17 SAN FRANCISQUITO CYN RD 0.7 MI N.E. OF SPUNKY CYN RD. FB. 3734-145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

F.B. 4132 PG. 136 JOB NO. 0301.02

SURVEY OF LA CO. PRECISE LEVEL NET

SURVEY BY Studell NOTES 20 Orig. 10 Nov 72 DATE

INDEXED G.D. BAILEY

T=50°

WEATHER Overcast-Windy INST. NO. 75234

TIME 9:35 ROD NO. 2139 MB

NOTES CHK BARAINE MIYATA DATE 2 Jan 73

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM210-17													FROM BM210-17 TO BM210-16
1	11	498	312	5	19 3	16	229	143	530	5	237 221	16	BM210-17
2	24	657	325	5	37 11	26	257	348	558	5	270 244	26	SAN FRANCISQUITO CYN RD
						42						42	NE OF SPUNKY CYN Rd.
3	111	624	412	5	96 126	30	174	957	475	5	189 159	30	ENTRANCE TO CAMPGROUND.
						72						72	FB 3734-145.
4	27	274	328	5	42 12	30	298	307	599	5	298 283	30	
						102						102	X PETERSON
5	17	134	318	5	31 3	28	300	768	601	5	300 286	28	
						130						130	
6	21 ~~20~~	093	322	5	32 10	22	296	361	597	5	296 284	24	
						152						154	
7	57	928	358	5	65 49	16	220	378	521	5	228 212	16	
+	271	210				168	-1777.262					170	
							+271.210					168	
BM210-16							-1506.052					338	BM210-16
													SAN FRANCISQUITO & Calle
													MANZANITA.
													FB 3734-143

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY R.L. STRADDEL PARTY CHIEF & WINDY

NOTES BY PETERSON DATE 22 NOV 72 WEATHER TIME 09:30-10:25 INST. NO. 95234

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHK. ARAINE MIYATA DATE 2 JAN 73 ROD NO. 23946

F.B. 4132 PG. 137

7=44

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 210-17													FROM BM 210-17 TO BM 210-18
1	208	988	509	5	278 / 198	20	25	010	326	5	88 / 95	20	BM 210-17
2	236	450	537	5	246 / 226	20 / 40	14	872	315	5	24 / 4	20 / 40	SAN FRANCISQUITO CN. RD, 0.7 MI
3	260	693	561	5	271 / 249	22 / 62	18	270 / ~~290~~	319	5	28 / 8	20 / 60	N.E. 'LY OF SPUNKY CN. RD.
4	299	982	600	5	(½) 309 / 289	20 / 82	23	938	324	5	33 / 13	20 / 80	N.W. 'LY SIDE
5	260	140	561	5	268 / 252	16 / 98	23	630 / ~~630~~	324	5	31 / 15	16 / 96	F.B. 3734-145
6	256	137	557	5	265 / 247	18 / 116	14	792	315	5	22 / 6	16 / 112	T ANDERSON
7	229	333	530	5	236 / 222	14 / 130	82	037	383	5	91 / 73	18 / 130	
8	244	802	545	5	258 / 230	28 / 158	11	210	312	5	(½) 24 / 11	26 / 156	
9	236	590	537	5	249 / 223	26 / 184	28	479	329	5	42 / 14	28 / 184	
10	241	598	542	5	257 / 225	32 / 216	30	478	331	5	47 / 13	34 / 218	
11	260	230	561	5	271 / 249	22 / 238	16	021	317	5	26 / 6	20 / 238	
12	211	693	512	5	216 / 206	10 / 248	60	765	361	5	65 / 55	10 / 248	
BM 210-18 (13)	192	304	493	5	197 / 187	10 / 258	90	508	391	5	95 / 85	10 / 258	BM 210-18
+	3138	940					-440	010				258 / 516	SAN FRANCISQUITO CN. RD. 1.05 MI
-	440	010											N.E. 'LY OF SPUNKY CN. RD. 27'
+	2698	930											N.W. OF & DUMT
													F.B. 3734-147

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LOS ANGELES COUNTY ENGINEER

700 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
BM 210-18													FROM BM 210-18 TO BM 210-17
1	66	770	367	5	71 / 61	71 / 10	174	760	475	5	179 / 169	10	BM 210-18
2	12	461	313	5	19 / 5	14 / 24	202	423	503	5	209 / 195	14 / 24	SAN FRANCISQUITO Cyn Rd 1.05 mi NE'ly of SPUNKY Cyn Rd
3	33	810	334	5	41 / 25	16 / 40	217	342	518	5	225 / 209	16 / 40	27 ft NW'ly of ℄ Pvmt See FB 3734-147
4	17	070	318	5	32 / 2	30 / 70	217	673	518	5	232 / 202	30 / 70	
5	46	678	347	5	59 / 33	26 / 96	207	142	508	5	219 / 195	24 / 94	⊼ ANDERSON
6	19	772	320	5	31 / 7	24 / 120	261	500 ~~261~~	562	5	273 / 249	24 / 118	
7	20	688	321	5	37 / 3	34 / 154	296	862	597	5	(½) 296 / 281	30 / 148	
8	31	972	332	5	38 / 24	14 / 168	264	888	565	5	274 / 254	20 / 168	
9	19	648	320	5	27 / 11	16 / 184	228	492	529	5	236 / 220	16 / 184	
10	13	370	314	5	21 / 5	16 / 200	241	165	542	5	249 / 233	16 / 200	
11	18	425	319	5	26 / 10	16 / 216	226	430	527	5	234 / 218	16 / 216	
12	31	023	332	5	40 / 22	18 / 234	231	246	532	5	240 / 222	18 / 234	BM 210-17
13	47	473	348	5	56 / 38	18 / 252	223	902	524	5	232 / 214	18 / 252	SAN FRANCISQUITO Cyn Rd 0.2 mi NE'ly of SPUNKY Cyn Rd NW'y side
14	67	624	368	5	73 / 61	12 / 264	151	788	452	5	157 / 145	12 / 264	See FB 3734-147
+	446	784					3145	602					
BM 210-17							446	784					
							2698	823				264	= 52.8

T = 58°

F.B. 4132 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES MIYAHIRA: 24 Nov '72

INDEXED G.D. BAILEY DATE

WEATHER Cool Clear INST. NO. 75234

TIME 1030-1130 ROD NO. 2139 A&B

NOTES CHKD. DAINE MIYATA DATE 2 JAN 73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 22 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER PARTLY CLOUDY & WINDY

TIME 10:25 – 11:10

NOTES CHK DARAINE MIYATA DATE 2 JUN 73

F.B. 4132 Pg. 139

T=46°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM210-18													FROM BM 210-18 TO BM 210-18A
1	150	338	451	5	158 / 142	16	19	958	320	5	27 / 11	16	BM 210-18
2	249	661	550	5	257 / 241	16	32	101	333	5	41 / 23	18	SAN FRANCISQUITO CN. RD 1.05MI N.E. LY OF SPUNKY CN RD
						32						34	N. LY SIDE OF ROAD
3	220	750	521	5	232 / 208	24	43	818	344	5	54 / 32	22	F.B. 3734-147
						56						56	
4	270	141	571	5	282 / 258	24	12	490	313	5(½)	24 / 12	24	
						80						80	
5	241	083	542	5	250 / 232	18	14	542	315	5	23 / 5	18	⊼ ANDERSON
						98						98	
6	220	043	521	5	229 / 211	18	10	335	311	5(½)	19 / 10	18	
						116						116	
7	237	362	538	5	246 / 228	18	28	597	329	5	37 / 19	18	
						134						134	
8	275	853	576	5	282 / 268	14	68	124	369	5	75 / 61	14	
						148						148	
9	251	388	552	5	259 / 243	16	12	578	313	5	20 / 4	16	
						164						164	
10	234	872	535	5	242 / 226	16	31	049	332	5	38 / 24	14	
						180						178	
11	204	480	505	5	210 / 198	12	62	834	363	5	69 / 55	14	
						192						192	
												192	
												384	
+	2555	971					336	426					
−	336	426											
+	2219	545											
BM210-18A													BM 210-18A SAN FRANCISQUITO CYN. RD., 1.25 MILES NO. EAST. OF SPUNKY CYN. RD. F.B. 3734-148

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-18A													FROM BM 210-18A TO BM 210-18
1	48	358	349	5	55 / 41	14	186	232	487	5	193 / 179	14	BM 210-18A
													SAN FRANCISQUITO CYN Rd
2	22	922	323	5	30 / 14	16	245	748	546	5	253 / 237	16	1 25 mi NE'ly of SPUNKY Cyn
						30						30	Rd
3	16	902	311	5	18 / 2	16	254	268	555	5	262 / 246	16	See FB 3734-148
						46						46	
4	20	412	321	5	27 / 13	14	233	518	534	5	240 / 226	14	
						60						60	
5	26	920	327	5	33 / 19	14	207	585	508	5	214 / 200	14	⊼ ANDERSON
						74						74	
6	32	068	333	5	40 / 24	16	239	755	540	5	247 / 231	16	
						90						90	
7	19	623	320	5	27 / 11	16	214	920	515	5	222 / 206	16	
						106						106	
8	22	175	323	5	30 / 14	16	217	577	518	5	225 / 209	16	
						122						122	
9	19	062 ~~031~~	~~062~~ ~~320~~ 320	5	29 / 9	20	218	897	519	5	228 / 208	20	
						142						142	
10	61	089	362	5	72 / 50	22	228	660	529	5	239 / 217	22	
						164						164	
11	13	938	314	5	22 / 4	18	284	283	585	5	293 / 275	18	
						182						182	
12	88	322	389	5	93 / 83	10	71	250	372 ~~372~~	5	76 / 66	10	
+	385	791				192	2602	693				192	
BM 210-18						+	385	791				192	BM 210-18
						−	2216	902				384	SAN FRANCISQUITO Cyn Rd 1 05 mi
													NE'ly of SPUNKY Cyn Rd
													27 ft NW'ly of ℄ Pvmt
													See FB 3734-147

F.B. 4132 PG. 140

JOB NO. 0301.02

SURVEY OF LA Co. PRECISE LEVEL NET

SURVEY BY R. STRADER NOTES Miyahira; 24 Nov '72

INDEXED G. D. BAILEY DATE

T = 58°

WEATHER Cool & Clear INST. NO. 75234

TIME 0935 - 1025 ROD NO. 2139 A&B

NOTES CHK'D LAPAINE MIYAHIRA DATE ~~H 8 JAN 72~~ 2 JAN 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-18A	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM210-18A TO BM210-18
1	68	342	369	5	74 / 62	12	152	888	453	5	158 / 146	12	BM 210-18A
2	24	918	325	5	32 / 16	16	254	520	555	5	262 / 246	16	SAN FRANCISQUITO CN. RD. 1.25 M1 N.E. LY OF SPUNKY CN. RD.
						28						28	F.B. 3734-148
3	17	920	318	5	25 / 9	16	254	095	555	5	262 / 246	16	
						44						44	
4	28	322	329	5	35 / 21	14	259	910	560	5	267 / 251	16	
						58						60	⊼ ANDERSON
5	27	031	328	5	35 / 19	16	212	234	513	5	219 / 205	14	
						74						74	
6	33	182	334	5	41 / 25	16	250	120	551	5	259 / 241	18	
						90						92	
7	21	031	322	5	29 / 13	16	191	670	492	5	199 / 183	16	
						106						108	
8	11	200	312	5	19 / 3	16	230	320	531	5	238 / 222	16	RERUN
						122						124	
9	21	540	322	5	31 / 11	20	204	312	505	5	213 / 195	18	
						142						142	
10	21	363	322	5	35 / 7	28	285	531	586	5	299 / 271	28	
						170						170	
11	13	310	314	5	21 / 5	16	257	892	558	5	265 / 249	16	
						186						186	
12	120	762	421	5	125 / 115	10	74	959	375	5	79 / 69	10	
	+ 408	921				196	+ 2628	451				196	
							+ 408	921				196	
BM 210-18							- 2219	530				392	BM 210-18 SAN FRANCISQUITO CN. RD. 1.25 M1 NE. LY OF SPUNKY CN. RD. F.B. 3734-147

F.B. 4132 PG. 142 JOB NO. 0301.02 T=58

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR & WINDY INST. NO. 75234

SURVEY BY R.L.S. NOTES PETERSON 29 NOV. 72 TIME 14:25-15:05 ROD NO. 2139 DB

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHK'D DARAINE MIYATA DATE 2 JAN 73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P.L. STRADER

NOTES BY R. ANDERSON DATE 22 - NOV. '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & WINDY

TIME 11:15 - 12:00

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

T = 52°

F.B. 4132 PG. 143

INST. NO. 75234

ROD NO. 2139 A-B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M 210-18A													FROM B.M. 210-18A TO B.M. 210-19
1	269	200	570	5	277 / 261	16	37	530	338	5	44 / 30	14	B.M. 210-18 A
					276						30		125 NE'LY OF SPUNKY CYN. RD.
2	269	139	570	5	262	14	23	728	324	5	16	14	F.B. 3734-148 SOUTH SIDE
					290	30					26	28	
3	283	392	584	5	276	14	19	566	320	5	12	14	
					292	44					18	42	
4	284	500	585	5	276	16	10	338	311	5	2	16	
					288	60					26	58	⊼ = RODRIGUEZ
5	280	099	581	5	272	16	19	562	320	5	12	14	
					267	76					20	72	
6	259	802	560	5	251	16	11	922	312	5	2	18	
					238	92					58	90	
7	232	372	533	5	226	12	52	710	353	5	46	12	
					229	104		371			63	102	
8	223	061	524	5	217	12	56	~~352~~	357	5	49	14	
					234	116					82	116	
9	227	133	528	5	220	14	75	298	376	5	68	14	
					208	130					48	130	
10	201	148	502	5	194	14	41	689	342	5	34	14	
					239	144					57	144	
11	232	042	533	5	225	14	50	618	351	5	43	14	
					244	158					32	158	
12	237	652	538	5	230	14	25	408	326	5	18	14	
					227	172					90	172	
B.M. 210-19	223	542	523	5	217	10	85	610	386	5	80	10	B.M. 210-19
+	3222	082				182	510	350				182	SAN FRANCISQUITO CYN. RD. 1.5 MI.
−	510	350										182	NE'LY OF SPUNKY CYN. RD. - IN
+	2711	732										364	FRONT OF S.F. RANGER STATION
													F.B. 3734-149

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 210-19													FROM B.M. 210-19 TO B.M. 210-18A
1	14	940	315	5	26 2	24	292	152	593	5	292 280 ½	24	B. M. 210-19
					38						284		SAN FRANCISQUITO CYN. RD.
2	29	942	330	5	20	18	275	532	576	5	266	18	1.5 MI. NE'LY OF SPUNKY CYN. RD
					22	42					291	42	IN FRONT OF S.F. RANGER STATION
3	10	551	311	5	10 ½	24	279	900	580	5	267	24	F.B. 3734-149
					22	66					294	66	
4	11	468	312	5	0	22	285	658	586	5	276	18	
					52	88					291	84	
5	44	930	345	5	36	16	281	119	582	5	271	20	
					30	104					293	104	
6	21	552	322	5	12	18	293	980	594	5	284 ½	18	T = RODRIGUEZ
					19	122					286	122	
7	11	838	312	5	3	16	279	158	580	5	272	14	
					20	138					285	136	
8	13	488	314	5	6	14	277	738	578	5	269	16	
					28	152					249	152	
9	21	312	322	5	14	14	243	408	544	5	237	12	
					36	166					249	164	
10	30	142	331	5	24	12	243	222	544	5	237	12	
					58	178	221				228	176	
11	51	908	352	5	44	14	~~222~~	970	522	5	214	14	
+	262	071				192	2973	837				190	
B.M. 210-18A							+ 262	071				192	B.M. 210-18A
							- 2711	766				382	SAN FRANCISQUITO CYN. RD.,
													1.25 NE'LY OF SPUNKY CYN. RD.
													F.B. 3734-148 SOUTH SIDE

F.B. 4132 PG. 144 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 29-Nov-72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:35-14:20 ROD NO. 2139 A-B

NOTES CHKD ARAINE MIYATA DATE 2 JAN 73

T. = 60°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM210-19													FROM BM210-19 TO BM210-19B
1	190	701	491	5	199 / 181	18	19	803	320	5	28 / 10	18	BM 210-19
2	258	352	559	5	265 / 251	14	30	711	331	5	38 / 22	16	SAN FRANCISQUITO CYN RD
						32						34	1.5 MILES N.E. OF SPUNKY
3	242	926	543	5	252 / 232	20	23	553	324	5	32 / 14	18	CYN RD @ RANGER STATION
						52						52	FB. 3734-149
4	282	639	583	5	289 / 275	14	31	473	332	5	38 / 24	14	⊼ PETERSON
						66						66	
5	269	378	570	5	275 / 263	12	31	692	332	5	37 / 25	12	
						78						78	
	275	563	576	5	282 / 268	14	17	313	318	5	24 / 10	14	
						92						92	
7	243	402	544	5	249 / 237	12	37	692	338	5	43 / 31	12	
						104						104	
8	248	043	549	5	254 / 242	12	28	849	329	5	34 / 22	12	
+	2011	004				116	221	086				116	
−	221	086										116	
BM210-19B	1789	918										232	BM 210-19B (696')
													SAN FRANCISQUITO CYN RD. 232
													METERS NO of BM210-19 SO, SIDE
													FB. ~~ZH~~ 3734-150

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=52°

SURVEY BY J. TRACER WEATHER Windy Strong INST. NO. 75234

NOTES BY RODRIGUEZ DATE 22 NOV 72 TIME 1:10 - 1:45 ROD NO. 2139 HB

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHK BARAINE MIYATA DATE 2 JAN '73

F.B. 4132 PG. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-19B	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM210-19B TO BM210-19
1	46	848	347	5	54 38	16	275	027	576	5	283 267	16	BM 210-19B
2	38	840	339	5	44 32	12	275	126	576	5	281 269	12	SAN FRANCISQUITO CYN RD. 696'± NO OF BM 210-19 SO. SIDE
						28						28	FB. 3734-150
3	30	818	331	5	36 24	12	276	922	577	5	282 270	12	
						40						40	
4	26	555	327	5	32 20	12	282	191	583	5	289 275	14	⊼ PETERSON
						52						54	
5	25	437	326	5	31 19	12	253	908	554	5	259 247	12	
						64						66	
6	44	618	345	5	53 35	18	253	089	554	5	262 244	18	
						82						84	
7	22	360	323	5	31 13	18	283	128	584	5	292 274	18	
						100						102	
8	88	731	389	5	93 83	10	214	757	515	5	219 209	10	
	+ 324	207				110	2114	148				112	
BM210-19							+ 324	207				110	BM 210-19
							− 1789	941				222	SAN FRANCISQUITO CYN RD 1.5 MI N.E. OF SPUNKY CYN RD. @ RANGER STATION FB 3734-149

F.B. 4132 PG. 146 JOB NO. 030102 ⊼ = 58°

SURVEY OF LA CO. PRECISE LEVEL NET WEATHER Windy INST. NO. 75234

SURVEY BY R.L.S. NOTES RODRIGUEZ 29 NOV 72 TIME 11:35 - 12:05 ROD NO. 2139A

INDEXED G.D. BAILEY DATE NOTES CHK. DARAINE MIYATA DATE 2 JAN 73

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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
BM210-19B									FROM BM210-19B TO BM210-19A
1	265	460	566 5	277 253 24	21	627	322 5	33 9 24	BM 210-19B
2	276	802	577 5	289 263 26	23	211	324 5	37 9 28	SAN FRANCISQUITO CYN RD. 700' NO. OF BM 210-19, SO. SIDE.
				50				52	FB 3734-150
3	291	083	592 5	301 281 20	26	811	327 5	35 17 18	
				70				70	⊼ PETERSON
4	299	282	600 5	2) 299 292 14	23	238	324 5	30 16 14	
				84				84	
5	280	353	581 5	286 (272) 12 (5)	19	051	320 5	25 13 12	
				274 96				96	
	293	011	594 5	299 287 12	11	392	312 5	18 4 14	
				108				110	
7	275	911	576 5	282 268 14	10	705	311 5	18 2 16	
				122				126	
8	300	339	601 5	2) 300 294 12	61	157	362 5	66 56 10	
				134				136	
9	232	562	533 5	237 227 10	118	447	419 5	123 113 10	
				144	315	639		146	BM 210-19A
+	2514	803						144	SAN FRANCISQUITO CYN RD
−	315	639						290	1.75 MI N.E. OF SPUNKY CYN RD
BM210-19A +	2199	164							FB. 3734-151

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER WEATHER WINDY INST. NO. 75234
NOTES BY RODRIGUEZ DATE 27 NOV 72 TIME 9:05-9:50 ROD NO. 2139AB
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

T=56°

F.B. 4132 PG. 147

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINE[redacted]

403 LOS ANGELES COUNTY ENGINEER[redacted]G.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-19A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM210-19A TO BM210-19B
1	27	903	328	5	33 21	12	231	797	532	5	237 225	12	BM 210-19A
2	30	342 (323)	331	5	36 24	12	275	837	576	5	281 269	12	SAN FRANCISQUITO CYN RD 1.75 MI NO EAST OF SPUNKY
						24						24	CYN RD
3	27	977	328	5	34 20	14	273	874	574	5	280 266	14	FB. 3734-151.
						38						38	
4	41	590	342	5	46 36	10	298	674	599	5	298 292	16	
						48						54	
5	22	493	323	5	29 15	14	244	796	545	5	~~259~~ (249) ~~229~~	10 (20)	A PETERSON
						62					239	64	
6	15	411	316	5	21 9	12	286	538	587	5	292 280	12	
						74						76	
7	54	952	355	5	61 47	14	227	302	528	5	234 220	14	
						88						90	
8	14	752	315	5	24 4	20	235	856	536	5	244 226	18	
						108						108	
9	24	503	325	5	41 7	34	223	083	524	5	241 205	36	
						142						144	
10	74	492	375	5	85 63	22	235	966	536	5	245 225	20	
BM210-19B +	334	415				164	2533	723				164	BM 210-19B
							+ 334	415				164	SAN FRANCISQUITO CYN. RD.
							- 2199	308				328	700± NO. OF BM 210-19
													FB 3734-150

F.B. 4132 PG. 148 JOB NO. 8301-02

SURVEY OF L.A. CO PRECISE LEVEL NOT

SURVEY BY STRADER NOTES RODRIGUEZ 29 NOV 72

INDEXED G.D. BAILEY DATE

T=54°

WEATHER Windy INST. NO. 75234

TIME 10:35-11:25 ROD NO. 2139 HB

NOTES CHK LARAINE MIYATA DATE 2 JAN 73

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CHECKED 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
BM 210-19A									FROM BM 210-19A TO BM 210-20
1	272	121	573 5	280 264 16	14	188	315 5	22 6 16	BM 210-19A
2	254	722	555 5	261 247 14 / 30	12	322	313 5	19 5 14 / 30	SAN FRANCISQUITO CN. RD. 1.75 MI. N.E. OF SPUNKY CN. RD F.B. 3734-151
3	247	027	548 5	253 241 12 / 42	31	118	332 5	38 24 14 / 44	
4	238	346 ~~328~~	539 5	244 232 12 / 54	10	542	311 5	16 4 12 / 56	
5	261	758	562 5	267 255 12 / 66	27	468	328 5	33 21 12 / 68	⊼ ANDERSON
6	239	162	540 5	244 234 10 / 76	29	893	330 5	34 24 10 / 78	
7	244	574	545 5	250 238 12 / 88	23	338	324 5	28 18 10 / 88	
8	281	033	582 5	288 274 14 / 102	35	268	336 5	42 28 14 / 102	
9	264	515	565 5	273 255 18 / 120	17	497	318 5	26 8 18 / 120	
10	273	680	574 5	281 265 16 / 136	13	598	314 5	21 5 16 / 136	
11	246	433	547 5	252 240 12 / 148	41	592	342 5	47 35 12 / 148	
+	2823	371			256	824		148	
−	256	824						148	
+	2566	547						296	
BM 210-20									BM 210-20 SAN FRANCISQUITO CN. ROAD 2.0 MI. N.E. LY OF SPUNKY CN ROAD F.B. 3734-153 S'LY SIDE

T=58°

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 27 NOV. 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & LIGHT WIND
TIME 09:55-10:40
NOTES CHKD DARAINE MIYATA DATE 2 JAN 72
F.B. 4132 PG. 149
INST. NO. 75234
ROD NO. 2189AB

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 150 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES DETERSON 29 NOV. 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 09:45 - 10:30 ROD NO. 21394-76

NOTES CHECKED BY MIYATA DATE 2 JAN 73

T 48'

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM210-20													FROM BM210-20 TO BM210-19A
1	19	782	320	5	25 / 13	12	227	658	528	5	233 / 221	12	BM210-20
2	14	092	315	5	20 / 8	12	240	412	541	5	246 / 234	12	SAN FRANCISQUITO CN. RD. 2 mi N.E'LY OF SPUNKY CN. RD.
						24						24	
3	15	472	316	5	21 / 9	12	224	621	525	5	230 / 218	12	F.B. 3734-153 S'LY SIDE
						36						36	
4	30	220	331	5	36 / 24	12	241	892	542	5	247 / 235	12	T ANDERSON
						48						48	
5	18	773	319	5	25 / 11	14	245	098	546	5	251 / 239	12	
						62						60	
6	20	940	321	5	26 / 14	12	251	760	552	5	257 / 245	12	
						74						72	
7	21	813	322	5	27 / 15	12	232	149	533	5	238 / 226	12	
						86						84	
8	17	120	318	5	23 / 11	12	234	618	535	5	240 / 228	12	
						98						96	
9	12	778	313	5	18 / 6	12	250	702	551	5	256 / 244	12	
						110						108	
10	16	610	317	5	22 / 10	12	239	007	540	5	245 / 233	12	
						122						120	
11	25	783	326	5	31 / 19	12	217	298	518	5	223 / 211	12	
						134						132	
12	37	970	338	5	42 / 32	10	212	608	513	5	217 / 207	10	
						144	2817	823				142	
	+ 251	353					+ 251	353				144	
							− 2566	470				286	
BM210-19A													BM210-19 A SAN FRANCISQUITO CN. RD 1.75 mi. NE'LY SPUNKY CN. RD. F.B. 3734-151

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 27-Nov. '72 WEATHER CLEAR & WINDY INST. NO. 75234

INDEXED G.D. BAILEY DATE DEC 21 1972 TIME 10:45-11:20 ROD NO. 2139 A.B.

NOTES CHKD LARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 151

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 210-20													FROM B.M. 210-20 TO B.M. 210-20A
1	290	590	591	5	298 282	16	17	370	318	5	24 10	14	B.M. 210-20
2	274	192	575	5	280 268	12	17	~~541~~ 561	318	5	24 10	14	SAN FRANCISQUITO CYN. RD., 2.0 MI. NE'LY OF SPUNKY
3	277	460	578	5	284 270	28 14	20	848	321	5	26 14	28 12	CYN. RD. SE'ELLY SIDE RD. F.B 3734-153
4	296	208	597	5	296 290 1/2	42 12	21	162	322	5	28 14	40 14	
5	285	840	586	5	292 278	54 14	12	288	313	5	18 6	54 12	
6	287	239	588	5	293 281	68 12	21	790	322	5	27 15	66 12	π = RODRIGUEZ
7	276	468	577	5	282 270	80 12	27	860	328	5	34 20	78 14	
8	288	~~453~~ 478	589	5	294 282	92 12	20	022	321	5	26 14	92 12	
9	287	450	588	5	293 281	104 12	131	012	432	5	137 125	104 12	
	+2563	925				116	289	913				116	
B.M. 210-20A	-289	913										116	B.M. 210-20A
	+2274	012										232	SAN FRACISQUITO CYN. RD.
													F.B 3734-154

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER CLEAR'W.NO'Y INST. NO. 75-239
TIME 09:06-09:40 ROD NO. 2.1392 & 2.0
NOTES CHKD LARAINE MIYASATO DATE 2 JAN 75

T. = 48°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 210-20A TO B.M. 210-20
B.M. 210-20A					40						250		B.M. 210-20A
1	34	820	335	5	28	12	245	588	546	5	240	10	SAN FRANCISQUITO CYN. RD.
					22						250		
2	16	711	317	5	10	12	245	222	546	5	240	10	
					18	24					301	20	F.B. 3734-154
3	11	101	312	5	4	14	293	632	594	5	285	16	
					20	38					298	36	
4	14	610	315	5	8	12	298	879	599	5	291½	14	T = RODRIGUEZ
					17	50					298	50	
5	10	902	311	5	3	14	292	341	593	5	286	12	
					24	64					296	62	
6	17	660	318	5	10	14	290	420	591	5	284	12	
					53	78					282	74	
7	48	922	349	5	43	10	276	510	577	5	270	12	
					23	88					293	86	
8	17	931	318	5	11	12	286	061	587	5	279	14	
					23	100					291	100	
9	18	708	319	5	13	10	236	753	537	5	231	10	
	+ 191	365				110	2465	406				110	
B.M. 210-20						+	191	365				110	B.M. 210-20
						-	2274	041				220	SAN FRANCISQUITO CYN. RD., 2.0 MI. N E'ERLY OF SPUNKY CYN. RD. S.E.'LY SIDE OF LO. F.B. 3734-153

F.B. 4132 PG. 152 JOB NO. 0301.02
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADEL NOTES ANDERSON DATE 29-Nov.72
INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHANGED 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
B.M.210-20A									FROM B.M. 210-20A TO B.M. 210-21
1	292	850	593 5	298 / 286 / 12	16	138	317 5	22 / 16 / 12	B.M. 210-20A
2	285	508	586 5	292 / 278 / 14	21	428	322 5	27 / 15 / 12	SAN FRANCISQUITO CYN. RD. 2.15 MI. NE'LY OF SPUNKY CYN RD.
3	281	890	582 5	288 / 274 / 14	27	740	328 5	34 / 20 / 14	F.B. 3734-154 NORTH SIDE
4	276	230	577 5	284 / 268 / 16	18	341	319 5	26 / 10 / 16	
5	281	877	582 5	288 / 274 / 14	20	721	321 5	28 / 12 / 16	
6	292	928	593 5	300 / 284 / 16	13	402	314 5	20 / 6 / 14	π = RODRIGUEZ
7	276	928	577 5	282 / 270 / 12	21	408	322 5	28 / 14 / 14	
8	279	352	580 5	286 / 272 / 14	49	362	350 5	56 / 42 / 14	
9	231	900	532 5	237 / 225 / 12	33	432	334 5	39 / 27 / 12	
	+2499	463		124	221	972		124	
B.M. 210-21	221	972						124	B.M. 210-21
	+2277	491						248	SAN FRANCISQUITO CYN. RD., 2.25 MI. N.E'LY OF SPUNKY CYN. RD. F.B. 3734-155 SOUTH SIDE

T. = 60°

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 27-NOV. '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 11:25 - 11:50 ROD NO. 2139 A.B.

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

F.B. 4132 PG. 153

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM 210-21													FROM BM 210-21 TO BM 210-20A
1	24	951	325	5	29 / 19	10	241	300	542	5	246 / 236	10	BM 210-21 SAN FRANCISQUITO CYN. RD., 2.25 MI. NE'LY OF SPUNKY CYN. RD. S'LY SIDE OF ROAD F.B. 3734-155
2	31	898	332	5	38 / 24	14	293	900	594	5	300 / 286	14	
						24						24	
3	23	549	324	5	30 / 16	14	285	420	586	5	292 / 278	14	
						38						38	
4	22	271	323	5	28 / 16	12	286	920	587	5	293 / 279	14	
						50						52	
5	35	251	336	5	42 / 28	14	274	522	575	5	280 / 268	12	R. RODRIGUEZ
						64						64	
6	32	690	333	5	39 / 25	14	283	378	584	5	290 / 276	14	
						78						78	
7	37	689	338	5	44 / 30	14	296	159	597	5	296½ / 289½	14	
						92						92	
8	14	909	315	5	20 / 8	12	301	980	602	5	301 / 295½	12	
						104						104	
9	68	930	369	5	74 / 62	12	297	732	598	5	297½ / 290½	14	
						116						118	
10	239	531	540	5	244 / 234	10	248	062	549	5	253 / 243	10	
+	531	669				126	2809	373				128	
						+	531	669				126	
						-	2277	704				254	
BM 210-20A													BM 210-20A SAN FRANCISQUITO CYN. RD. 2.15 MI. NE'LY OF SPUNKY CYN. RD. N'LY SIDE OF ROAD F.B. 3734-1554 *

T = 60°

F.B. 4132 PG. 154 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 28, '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 14:50-15:20 ROD NO. 2139 A-B

NOTES CHK. LARAINE MIYATA DATE 2 JAN 73

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM210-20A													FROM BM210-20A TO BM210-21
1	267	078	568	5	273 261	12	20	488	321	5	26 14	12	BM210-20A
2	280	759	581	5	286 274	12	14	419	315	5	20 8	12	SAN FRANCISQUITO CN. RD. 2.15 MI. N.E.'LY OF SPUNKY CN. ROAD.
						24						24	N'LY SIDE OF ROAD
3	296	343	597	5(½)	296 289	14	19	732	320	5	26 12	14	F.B. 3734-154
						38						38	
4	273	110	574	5	280 266	14	25	690	326	5	32 18	14	
						52						52	⊼ RODRIGUEZ
5	297	032	598	5(½)	297 289	16	11	011	312	5	18 4	14	
						68						66	
6	293	750	594	5	301 285	16	14	079	315	5	21 7	14	
						84						80	RERUN
7	257	462	558	5	262 252	10	36	309	337	5	43 29	14	
						94						94	
8	277	119	578	5	284 270	14	40	948	341	5	47 33	14	
						108						108	
9	237	420	538	5	242 232	10	19	850	320	5	24 14	10	
						118	202	526				118	
	+ 2480	073										118	
	− 202	526										118	
	+ 2277	547										236	
BM 210-21													BM 210-21
													SAN FRANCISQUITO CN. ROAD 2.25 MI. N.E.'LY OF SPUNKY CN. ROAD
													S'LY SIDE OF ROAD
													F.B. 3734-155

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 30 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & WINDY

TIME 10:00-10:25

NOTES CHK LARAINE MIYATA DATE 2 JAN '73

ROD NO. 2139AB

INST. NO. 75234

F.B. 4132 PG. 155

TE 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
BM 210-21									FROM BM 210-21 TO BM 210-20A
1	24	530	325 5	29 19 10	237	900	538 5	242 232 10	BM 210-21 SAN FRANCISQUITO CN. RD. 2.25 MI. N.E. 'LY OF SPUNKY CN. ROAD. S'LY SIDE OF ROAD. F.B. 3734-155
2	56	900	357 5	62 50 12	265 ~~264~~	940	566 5	271 259 12	
				22				22	
3	29	302	330 5	35 23 12	283	428	584 5	290 276 14	
				34				36	
4	13	540	314 5	20 6 14	276	480	577 5	282 270 12	⊼ RODRIGUEZ
				48				48	
5	34	129	335 5	40 28 12	275	049	576 5	282 268 14	
				60				62	
6	29	482	330 5	36 22 14	278	322	579 5	285 271 14	RERUN
				74				76	
7	31	470	332 5	38 24 14	276	799	577 5	283 269 14	
				88				90	
8	10	680	311 5	17 3 14	297	680	598 5	(L) 297 290 14	
				102				104	
9	20	960	321 5	26 14 12	273	081	574 5	279 267 12	
				114				116	
10	137	632	438 5	143 131 12	201	600	502 5	206 196 10	
+	388	625		126	2666	279		126	
				+	388	625		126	
				-	2277	654		252	
BM210-20A									BM 210-20A SAN FRANCISQUITO CN. RD. 2.15 MI. N.E. 'LY OF SPUNKY CN. RD. N'LY SIDE OF ROAD. F.B. 3734-154

F.B. 4132 PG. 156 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 30 NOV. 72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 09:15 - 9:45 ROD NO. 2139 AP

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

T=48°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-21	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM210-21 TO BM210-21A
1	208	742	509	5	219 / 197	22	151	382	452	5	162 / 140	22	BM 210-21
													SAN FRANCISQUITO CYN RD
2	57	556	358	5	69 / 45	24	295	313	596	5	2) 295 / 283	24	2.25 MI N.E. OF SPUNKY CYN
						46						46	RD
3	30	310 / (310)	331	5	38 / 22	16	276	732	577	5	284 / 268	16	FB 3734-155
						62						62	
4	19	730	320	5	27 / 11	16	283	837	584	5	291 / 275	16	⚲ PETERSON
						78						78	
5	16	258	317	5	24 / 8	16	292	061	593	5	300 / 284	16	
						94						94	
	65	447	366	5	70 / 60	10	189	768	490	5	194 / 184	10	
+	398	043				104	1488	493				104	
						+	398	043				104	
BM 210-21A						−	1090	450				208	BM 210-21A
													SAN FRANCISQUITO CYN RD 0.7
													MILE SW'LY OF ELIZABETH
													LAKE ~~[illegible]~~ RD.
													FB 3734-156

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

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 27 NOV 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER WINDY-CLEAR

TIME 1:00-1:30

NOTES CHK'D LARAINE MIYATA DATE 2 JAN 73

ROD NO. 2139HB

INST. NO. 25234

F.B. 4132 PG. 157

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

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

Do not extend notes this side of this line.

F.B. 4132 PG. 158 JOB NO. 030102
SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER NOTES RODRIGUEZ ZEMOU
INDEXED G.D. BAILEY DATE
WEATHER WINDY & CLEAR ST. NO. 75234
TIME 1300-1330 ROD NO. 213943
NOTES CHKD. BY RAINE MIYATA DATE 2 JAN 78

T=66°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM210-21A													FROM BM210-21A TO BM210-21
1	275	158	576	5	282 268	14	20	700	321	5	28 12	16	BM210-21A
2	275	982	574	5	282 268	14 28	40	883	341	5	47 33	14 30	SAN FRANCISQUITO CYN RD., 0.7 MILE SW'LY OF ELIZABETH LAKE RD.
3	284	511	585	5	291 277	14 42	19	142	320	5	27 11	16 46	FB 3734-156
4	271	668	572	5	280 262	18 60	45	240	344	5	53 37	16 62	T PETERSON
5	247	407	548	5	256 238	18 78	83	723	384	5	91 75	16 78	
6	160	883	461	5	172 148	24 102	215	505	516	5	224 204	22 100	
	+ 1515 425	609 193					-425	193				100 102	
BM210-21	+ 1090	416										202	BM210-21

SAN FRANCISQUITO CYN RD
2.25 MI NE. OF SPUNKY CYN. RD.
F.B. 3734-155

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Stadler DATE 27 Nov 72 WEATHER Windy INST. NO. 25234

NOTES BY RODRIGUEZ TIME 1:30 - 2:17 ROD NO. 2139412

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD ARAINE MIYATA DATE 2 JAN 73

T = 62°

F.B. 4132 PG. 159

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 210-21A													From BM 210-21A To BM 210-22
1	57	041	358	5	66 48	18	300	364	601	5	360 291	18	BM 210-21A
													SAN FRANCISQUITO CYN. RD. 0.7
2	11	275	312	5	19 3	16	292	668	593	5	299 285	14	MILE SW'LY OF ELIZABETH LAKE RD.
						34						32	FB 3734-156
3	21	158	322	5	27 15	12	293	302	594	5	299 (289) 287	12	
						46					287	44	TT DETERSON
4	26	687	327	5	32 20	12	283	368	584	5	289 277	12	
						58						56	
5	39	828	340	5	45 33	12	264	032	565	5	270 258	12	
						70						68	
	26	907	327	5	32 20	12	261	469	562	5	267 55	12	
						82						80	
7	35	613	336	5	42 28	14	262	388	563	5	269 255	14	
						96						94	
8	53	477	354	5	40 46	14	251	432	552	5	258 244	14	
						110						108	
9	21	509	322	5	30 12	18	275	570	576	5	284 266	18	
						128						126	
10	48	648	349	5	56 40	16	245	120	546	5	254 (226) 236	18	
	+ 342	143				144	2729	713				144	
							+ 342	143				144	
							2387	570				288	
BM 210-22													BM 210-~~21A~~ 22
													SAN FRANCISQUITO CN. ROAD
													0.45 MI. S'LY OF ELIZABETH
													LAKE RD. E. SIDE
													FB. 3734-157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-22													FROM BM 210-22 TO BM 210-21A
1	288	467	589	5	300 276	24	72	311	373	5	84 60	24	BM 210-22
2	295	661	596	5	295 286	18	12	680	313	5	21 3	18	SAN FRANCISQUITO CYN RD. .45 SO OF ELIZABETH LAKE RD.
						42						42	
3	279	917	580	5	287 271	16	24	115	325	5	32 16	16	FB. 3734-157
						58						58	
4	288	211	589	5	296 280	16	15	761	316	5	23 7	16	$\overline{\text{N}}$ PETERSON
						74						74	
5	297	572	598	5	297 289	16	22	651	323	5	29 15	14	
						90						88	
6	284	817	585	5	290 278	12	19	937	320	5	26 12	14	
						102						102	
7	289	822	590	5	294 284	10	35	107	336	5	40 30	10	
						112						112	
8	296	700	597	5	296 289	14	17	162	318	5	24 10	14	
						126						126	
9	289	938	590	5	297 281	16	69	834	370	5	77 61	16	
						142						142	
10	219	432	520	5	224 214	10	153	492	454	5	158 148	10	
	+2830	537				152	443	050				152	
	-443	050										152	
BM 210-21A	+2387	487										304	BM 210-21A SAN FRANCISQUITO CYN. RD. 0.7 MILE SW'LY OF ELIZABETH LAKE RD. FB 3734-156

F.B. 4132 PG. 160 JOB NO. 830102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY S. Mader NOTES Rodriguez 28 Nov 72

INDEXED G. D. BAILEY DATE

WEATHER Windy & CLEAR INST. NO. 75234

TIME 11:15-12:00 ROD NO. 2139HB

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

T = 66°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 210-22													FROM BM 210-22 TO BM 210-23
1	222	654	523	5	233 / 211	22	296	852	597	5	(1) 296 / (2) 285	22	BM 210-22 (D.S.C. & G.S. TRIANGULATION STATION - BEND 1932) SAN FRANCISQUITO CN. ROAD 0.45
2	14	739	315	5	19 / 9	10 / 32	287	862	588	5	292 / 282	10 / 32	MI. S'LY OF ELIZABETH LAKE ROAD. E. SIDE
3	14	138	315	5	19 / 9	10 / 42	235	509	536	5	240 / 230	10 / 42	F.B. 3734-157
4	21	395	322	5	26 / 16	10 / 52	250	332	551	5	255 / 245	10 / 52	
5	19	502	320	5	25 / 13	12 / 64	229	952	530	5	235 / 223	12 / 64	⊼ ANDERSON
6	41	538	342	5	47 / 35	12 / 76	223	275	524	5	229 / 217	12 / 76	
7	64	392	365	5	70 / 58	12 / 88	189	380	490	5	195 / 183	12 / 88	
	+ 398	358					-1713	162				88	
							+ 398	358				88	
							-1314	804				176	
BM210-23													BM 210-23 SAN FRANCISQUITO CN. RD. 0.35 MI. S'LY OF ELIZABETH LAKE ROAD. W. SIDE (D.S.C. & G.S. BEND R.M. #2) F.B. 3734-159

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 27 NOV. 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & BREEZY INST. NO. 99234

TIME 14:25-14:55 ROD NO. 2139AB

NOTES CHK'D LARAINE MIYAWA DATE 2 JAN 73

F.B. 4132 PG. 161

T = 60°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 210-23													FROM BM 210-23 TO BM 210-22
1	219	057	520	5	227 211	16	31	482	332	5	39 23	16	BM 210-23
2	248	250	549	5	255 241	14	20	950	321	5	27 13	14	SAN FRANCISQUITO CN. RD., 0.35 MI
						30						30	MI. S'LY OF ELIZABETH LAKE
3	271	300	572	5	278 264	14	10	083	311	5	16 4	12	ROAD W'LY SIDE
						44						42	(U.S.C.&G.S. BEND R.M. #2)
4	255	240	556	5	261 249	12	15	114	316	5	22 8	14	F.B. 3734-159
						56						56	
5	281	872	582	5	286 276	10	47	543	348	5	52 42	10	⊼ ANDERSON
						66		998				66	
6	276	372	577	5	284 268	16	111	[illegible]	412	5	119 103	16	
	+ 1552	091				82	237	170				82	
	- 237	170										82	
	+ 1314	921										164	
BM 210-22													BM 210-22 (USCEGS TRI. STA. BEND - 1932) SAN FRANCISQUITO CYN. RD. 0.45 MI. S'LY OF ELIZABETH LAKE RD. F.B. 3734-157

F.B. 4132 PG. 162 JOB NO. 0301.02

SURVEY OF LA. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 28 NOV 72

INDEXED G. D. BAILEY DATE

T = 68°

WEATHER CLEAR & CALM INST. NO. 75234

TIME 3:45-14:10 ROD NO. 2139 AB

NOTES CHK'D ARAINE MIYA DATE 2 JAN 73

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 210-23	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 210-23 TO BM 210-23A
1	23	580	324	5	28 / 18	10	249	020	550	5	254 / 244	10	BM 210.23
2	72	920	373	5	77 / 67	10	248	750	549	5	253 / 243	10	SAN FRANCISQUITO CYN. RD., 0.35 MI. S'LY OF ELIZABETH
						20						20	LAKE RD.
3	34	501	335	5	41 / 27	14	264	960	565	5	270 / 258	12	F.B. 3734-159
						34						32	
4	13	200	314	5	20 / 6	14	290	648	591	5	297 / 283	14	
						48						46	
5	14	608	315	5	21 / 7	14	281	940	582	5	288 / 274	14	⊼ R. RODRIGUEZ
						62						60	
6	28	571	329	5	36 / 20	18	289	088	590	5	296 / 282	14	
						80						74	
7	34	132	335	5	41 / 27	14	296	128	597	5	296 / 287 ½	18	
						94						92	
8	38	420	339	5	46 / 30	16	275	510	576	5	284 / 266	18	
						110						110	
9	40	550	341	5	48 / 32	16	197	050	498	5	206 / 188	18	
+	300	482				126	2393	094				128	
						+	300	482				126	
						-	2092	612				254	
BM 210-23A													BM 210.23A SAN FRANCISQUITO CYN. RD., 0.25 MILE S'LY OF ELIZABETH LAKE RD., E. SIDE ROAD F.B. 3734-~~158~~ 160

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

SURVEY BY R.L. STRADER

NOTES BY R.L.S. DATE Nov. 27 '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR. CALM INST. NO. 75234

TIME 14:50-15:15 ROD NO. 2139A.13

NOTES CHK'D LORAINE MIYATA DATE 2 JAN 73

T=64°

F.B. 4132 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.

INST. NO. 75234 ROD NO. 2139 A-B DATE 2 JUN 72

WEATHER CLEAR CALM TIME 14:15-14:45 NOTES CHK LARAINE MIYATA

T = 62°

JOB NO. 0301.02 NOTES R.L. STRADER Nov. 28, '72 DATE

SURVEY OF L.A. CO. PRECISE LEVEL NET SURVEY BY R.L.S. INDEXED G.D. BAILEY

F.B. 4132 PG. 164

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 210-23A													FROM BM 210-23A TO BM 210-23
1	252	388	553	5	263 / 241	22	12	530	313	5	22 / 2	20	BM 210-23A
													SAN FRANCISQUITO CYN RD.,
2	276	642	577	5	284 / 268	16	13	610	314	5	22 / 4	18	0.25 MILE S'LY OF ELIZABETH
						38						38	LAKE RD., E. SIDE
3	300	721	601	5	300 / 291 ½	18	13	700	314	5	22 / 4	18	F.B. 3734-160
						56						56	
4	297	558	598	5	297 ½ / 287	20	12	738	313	5	22 / 12 ½	20	
						76						76	
5	286	181	587	5	293 / 279	14	15	768	316	5	22 / 8	14	π R. RODRIGUEZ
						90						90	
6	275	~~570~~ 592	576	5	282 / 268	14	19	371	320	5	26 / 12	14	
						104						104	
7	297	842	598	5	297 ½ / 288	18	17	248	318	5	24 / 10	14	
						122						118	
8	222	942	523	5	227 / 217	10	12	388	313	5	19 / 3 / 5	14	
	+ 2209	866				132	117	353				132	
	- 117	353										132	
	+ 2092	513										264	
BM 210-23													BM 210-23
													SAN FRANCISQUITO CYN. RD.
													0.35 MILE S'LY OF
													ELIZABETH LAKE RD.
													F.B. 3734-159

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 26 OCT 1972 WEATHER CLEAR TIME 09:15-10:05 INST. NO. 75234
INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHK LORAINE MIYATA DATE ROD NO. 2-3998 JAN 76
F.B. 4132 PG. 165

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
Bm 210-23A													FROM Bm 210-23A TO Bm 111-29
1	58	605	359	5	65 / 48	20	240	521	541	5	250 / 230	20	Bm 210-23A
													SAN FRANCISQUITO CN. RD. 0.25 MI
2	19	082	320	5	27 / 11	16	208	518	509	5	216 / 200	16	S'LY OF ELIZABETA LAKE ROAD
						36						36	F.B. 3734-160
3	28	112	329	5	35 / 21	14	227	240	528	5	234 / 220	14	
						50						50	
4	26	628	327	5	35 / 17	18	265	328	566	5	275 / 255	20	
						68						70	T ANDERSON
5	10	018	311	5	17 / 3	14	217	248	518	5	223 / 211	12	
						82						82	
6	26	293	327	5	34 / 18	16	225	622	526	5	233 / 217	16	
						98						98	
7	21	009	322	5	29 / 13	16	207	711	508	5	215 / 199	16	
						114						114	
8	16	118	317	5	26 / 6	20	232	662	533	5	242 / 222	20	
						134						134	
9	23	490	324	5	35 / 11	24	223	588	524	5	234 / 212	22	
						158						156	
10	14	121	315	5	27 / 1	26	173	878	474	5	185 / 161	24	
						184						180	
11	13	835	314	5	25 / 1	24	281	772	582	5	296 / 266	30	
						208						210	
12	148	801	449	5	157 / 139	18	70	802 / 788	371	5	79 / 61	18	
+	405	512				226	2574	890				228	
						+	405	512				226	
Bm 111-29						-	2169	378				454	Bm 111-29
													ELIZABETH LAKE RD & SAN FRANCISQUITO
													CN. RD. S.W. OF ABPROK & INT
													F.B. 2437-41

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	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM111-29													FROM BM111-29 TO BM 210-23
1	55	312	356	5	69 / 41	28	104	053	405	5	118 / 90	28	BM 111-29
													ELIZABETH LAKE RD & SAN
2	257	468	558	5	268 / 246	22	22	688	323	5	33 / 11	22	FRANCISQUITO CN. ROAD
						50						50	S.W. OF APPROX ℄ TN T.
3	237	529	538	5	254 / 220	34	15	400	316	5	(½) 31 / 15	32	F.B. 2437-41
						84						82	
4	244	092	545	5	256 / 232	24	25	623	326	5	38 / 12	26	
						108						108	
5	272	860	573	5	285 / 259	26	25	857	326	5	38 / 12	26	
						134						134	⊼ ANDERSON
6	280	878	581	5	290 / 270	20	22	802	323	5	32 / 12	20	
						154						154	
7	295	~~922~~ 922	596	5	(½) 295 / 286	18	11	901	312	5	20 / 2	18	
						172						172	
8	249	940	550	5	257 / 241	16	16	~~568~~ 541	317	5	24 / 8	16	
						188						188	
9	234	230	535	5	242 / 226	16	12	553	313	5	22 / 2	20	
						204						208	
10	236	847	537	5	244 / 228	16	13	922	314	5	20 / 6	14	
						220						222	
11	206	017	507	5	213 / 199	14	89	963	390	5	96 / 82	14	
						234						236	
12	139	188	440	5	144 / 134	10	179	580	480	5	184 / 174	10	
+	2710	283				244	540	883				246	
−	540	883										244	
T.B.M.# 210-23A +	2169	400										490	T.B.M.# 210-23A
													SAN FRANCISQUITO CYN. RD.
													0.25 MI. S'LY OF ELIZ. LAKE RD.
													F.B. 3734-160

F.B. 4132 PG. 166 JOB NO. 301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 2 NOV 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:10 – 15:00 ROD NO. 2139 NO

NOTES CHK DARAINE MIYATA DATE 2 JAN 73

7=70

76P526B CE # 308 8/68

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 Rodriguez NOTES BY G.D. BAILEY INDEXED
DATE 28 Nov 72 TIME 10:10 - 10:50 WEATHER Breeze Clear
DATE DEC 21 1972 NOTES CHK DARAINE MIYABA
ROD NO. 28 INST. NO. 75234 DATE 2 JAN 73
F.B. 4132 PG. 167

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 111-29													FROM BM 111-29 TO BM 111-28
1	187	742	488	5	287 173	28	135	430	436	5	148 122	26	BM 111-29
													ELIZABETH LAKE RD & SAN
2	194	830	495	5	212 176	36	74	191	375	5	93 55	38	FRANCISQUITO CYN RD S.W. COR
						64						64	FB 2437-41
3	267	711	568	5	285 249	36	11	392	312	5	29 2) 11	36	
						100						100	
4	218	311	519	5	243 193	50	133	679	434	5	158 108	50	⊼ PETERSON
						150						150	
5	213	088	514	5	236 190	46	87	353	388	5	108 66	42	
						196						192	
	193	350	494	5	204 182	22	47	621	348	5	61 33	28	
						218						220	
6 7	296	938	597	5	296 2) 285	22	19	366	320	5	30 8	22	
						240						242	
8	288	162	589	5	298 278	20	39	502	340	5	49 29	20	
						260						262	
9	240	540	541	5	247 2) 233	14	128	911	429	5	134 122	12	
	+ 2100	672			233	274	677	445				274	
	- 677	445										274	
BM 111-28	+ 1423	227										548	BM 111-28
													ELIZABETH LAKE RD -.35 MI
													EAST OF SAN FRANCISQUITO
													CYN RD NO. SIDE
													FB 2437-40

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
BM111-28	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM111-28 TO BM 111-29
1	63	413	364 5	76 50 26	296	348	597 5	296 283 26	BM111-28
									Elizabeth Lake Rd .35 mi
2	25	096	326 5	34 166 18	282	562	583 5	291 273 18	East of San Francisquito
				8 44				44	Canyon Rd. No. Side of Rd.
3	23	901	324 5	31 15 16	237	287	538 5	245 229 16	FB. 2437-40
				60				60	
4	62	723	363 5	80 44 36	194	137	495 5	211 177 34	⊼ PETERSON
				96				94	
5	74	298	375 5	99 49 50	173	802	474 5	198 148 50	
				146				144	
6	102	450	403 5	125 79 46	294	888	595 5	294 272 44	
				192				188	
7	12	923	313 5	2) 29 12 34	233	927	534 5	253 213 40	
				226				228	
8	123	521	424	146 100 46	198	588	499 5	220 176 44	
	+ 488	325		272	1911	539		272	
					+ 488	325		272	
BM111-29					- 1423	214		544	BM ~~102~~-111-29
									Elizabeth Rd and San
									Francisquito Canyon Rd
									S.W. of Approx ℄ Int
									FB. 2437-41

F.B. 4132 PG. 168 JOB NO. 0301-02

SURVEY OF L-A CO PRECISE LEVEL NET

SURVEY BY Strader NOTES Rodriguez 2-Nov-72

INDEXED G.D. BAILEY DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 1:30-2:10 ROD NO. 2137/14

NOTES CHK. LARAINE MIYATA DATE 2 JAN 76

T = 70°

T=56

F.B. 4132 PG. 169

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

SURVEY BY R. L. STRADER WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY PETERSON DATE 8 NOV. 72 TIME 11:00 ROD NO. 2139 AB

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHKD. DATE 2 JAN '73

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From	To
	DETERMINATION OF "C"									
		NEAR ROD				FAR ROD				
1	147	760	4485	152 142 10	185	505	4865	175 155 60	60 M- 10 M= 50 M-0.20 mm	
2	150	671	4515	155 145 10	112	926	4135	142 82 60	60 M- 10 M= 50 M=0.20 mm	
	298	431		20	298	431		120		
	298	391						-20		
	+	040			-0.40 mm				Curvature Corr. =0.40 mm	
					298	391		100		
					-				T STRADER	
	+ .004 / 100 / 0.40			mm= "C"	/			mm= "C"		

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

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

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76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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F.B. 4132 PG. 170 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES R.L. STRADER NOV. 9, '72 INDEXED G.D. BAILEY DATE

T = 62°

WEATHER CLEAR - CALM INST. NO 75234 TIME 3:45 - 13:50 ROD NO 2394 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	170	470	471 5	175 165 10	270	702	571 5	300 240 60	60 M - 10M = 50M = 0.20MM
2	122	710	423 5	127 117 10	22	470	323 5	52½ 22½ 60	60 M - 10M = 50M = 0.20MM
	+ 293	180		20	- 293	172		120	
	- 293	132						- 20	ET
	+	048			-	0.40 MM		100	CURR. CORR. = 0.40 MM
					293	132			
									Λ R. RODRIGUEZ
	+ .004								
100	0.480								

76P526B CE # 308 8.68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L.S. TRADER
NOTES BY R.L.S. DATE 13 NOV. 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER OVERCAST & CALM
TIME 9:00 - 9:05
NOTES CHKD
DATE 2 JAN 73
ROD NO. 2139 NB
INST. NO. 75234
F.B. 4132 PG. 171
Te 46°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	125	600	426 5	130 120 10	75	063	376 5	105 45 60	60M- 10 M= 50 M-0.20 mm
2	140	306	441 5	145 135 10	191	068	492 5	221 161 60	60 M- 10 M=50 M=0.20mm
	265	906		20	266	131		120	
	+				-0.40mm			-20	Curvature Corr.=0.40mm
					266	091		100	
					265	906			
					-	185			
									T. PETERSON
				mm= "C"					
					-	.018		mm= "C"	
					100 /	1.850			

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	170	122	471	175				298	
1	~~298~~		5	165 10	298	428	599 5	268 ½ 60	60 M - 10 M = 50 M = 0.20 MM
				143				40	
2	138	078	439 5	133 10	10	020	311 5	10 ½ 60	60 M - 10 M = 50 M = 0.20 MM
	308	200		20	308	448		120	
						040		- 20	CUR. CORR. = 0.40
					308	408		100	
					308	200			
					0	208			T = RODRIGUEZ

- 0.021

100) 2.080

T = 500

F.B. 4132 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 17-NOV. '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 15:20 ROD NO. 2139A

NOTES CHKD DATE

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY R. ANDERSON DATE 20-Nov. '72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & CALM INST. NO. 75234
TIME 09:40 ROD NO. 2139AB
NOTES CHKD DATE 2 JAN '73
T = 48°
F.B. 4132 PG. 173

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
				179				202	
1	174	949	475 5	169 10	172	460	473 5	142 60	60 M- 10 M= 50 M-0.20 mm
				134				161	
2	129	040	430 5	124 10	131	758	432 5	101 60	60 M- 10 M= 50 M=0.20 mm
	303	989		20	304	218		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					304	178			
					303	989			
					- 0	1.89			
									T = RODRIGUEZ
				mm= "C"					
					- 0.019 mm= "C"				
					100 / 1.890				

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 ____ TO ____
	NEAR ROD			"C"	FAR ROD				
1	138	397	439 5	143 133 10	243	150	544 5	273 213 60	60M - 10M = 50M - 0.20
2	117	514	418 5	122 112 10	12	898	313 5	(½) 42 12 60	60M - 10M = 50M - 0.20
	+ 255	911		20	256	048		120	0.40MM
								-20	
					-0.40MM			100	π ANDERSON
				-	256	008			
				+	255	911			
				-		097			

.010

100 | 097

F.B. 4132 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 21 NOV 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & BREEZY INST. NO. 75234

TIME 09:10 ROD NO. 2139A

NOTES CHKD DATE

T=440

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 22 NOV 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER PARTLY CLOUDY & WINDY
TIME 09:15
NOTES CHKD
DATE 2 JAN 76
INST. NO. 75234
ROD NO. 2139 NE
F.B. 4132 PG. 175
T=44°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	195	183	496 5	200 190 10	261	215	562 5	291 231 60	60M- 10 M= 50 M-0.20 mm
2	159	873	460 5	164 154 10	94	112	395 5	124 64 60	60 M- 10 M= 50 M=0.20 mm
	355	056		20	355	327	.	120	
								20	
	+				-0.40 mm				Curvature Corr.=0.40 mm
					355	287		100	
					355	056			
					-	231			⊼ ANDERSON
				mm= "C"					
					100/2.31	.023		mm= "C"	

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET   T= 68°   F.B. 4132 PG. 177

SURVEY BY R L STRADER   WEATHER Cold Clear   INST. NO. 75234

NOTES BY MIYAHIRA   DATE 24 Nov '72   TIME 1140   ROD NO. 2139 A&B

INDEXED G. D. BAILEY   DATE DEC 21 1972   NOTES CHKD ____   DATE 2 JAN 73

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 ____ To ____
		DETERMINATION OF "C"											
		NEAR ROD						FAR ROD					
1	159	412	460	5	164 / 154	10	94	682	395	5	124 / 64	60	60 M- 10 M= 50 M-0. 20 mm
2	210	708	311	5	215 / 205	10	275	385	576	5	(½) 275 / 245	60	60 M- 10 M= 50 M=0. 20 mm
	376	120				20	370	067				120	
	370	027						040	mm				
	+	0.93					~~-0. mm~~					20	Curvature Corr.=0. 40 mm
							376	027				168	

R. ANDERSON

+0.009 mm= "C"

100/.93

mm= "C"

76P526B CE # 308 8/68

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	210	706	511 5	215 205 10	263	369	564 5	293 233 60	60M - 10M = 50M - 0.20MM
2	259	122	560 5	264 254 10	206	421	507 5	236 176 60	60 M - 10M = 50M - 0.20MM
	469	828		20	469	790		120	
	469	7.50						-20	
		078			0.40MM			100	
					469	7.50			⊼ STRADER
					-				
					100				
		+	0.008 = "C"						
		100	0.780						
			700						

F.B. 4132 Pg. 178 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY K.L.S. NOTES RODRIGUEZ 28 NOV. 72

INDEXED G.D. BAILEY DATE

WEATHER Clean Calm INST. NO. 75234

TIME 1:30 ROD NO. 2139 DATE

NOTES CHKD

T = 68°

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY PETERSON DATE 29 NOV. 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & WINDY
TIME 15:15
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 2139AB
F.B. 4132 PG. 179
± 58°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	155	340	456 5	160 150 10	91	520	392 5	121 61 60	60 M- 10 M= 50 M-0.20 mm
2	199	742	500 5	204 194 10	263	522	564 5	293 233 60	60 M- 10 M= 50 M=0.20 mm
	355	082		20	355	042		120	
	355	002						-20	
	+	080			-0.40 mm				Curvature Corr.=0.40 mm
					355	002		100	
					-				ANDERSON
	.008 mm= "C"								
	100/0.80								
					mm= "C"				

Notes Ck'd by	Survey of L.A.C. PRECISE LEVEL NET
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by R.L. STRADER
Checked	Notes R.L.S. Date 12.72
Date	Indexed G.D. BAILEY DEC 21 1972

F.B. 4132 PG. 181

PORTION OF LINE 209
BETWEEN ELIZABETH LAKE ROAD
AND SPUNKY CYN. ROAD.

J.N. 0301.02

DECEMBER 1972

REF.
F.B. 3734

SURVEY PARTY
R. STRADER
T. PETERSON
R. ANDERSON
R.J. RODRIGUEZ
L. LOVE

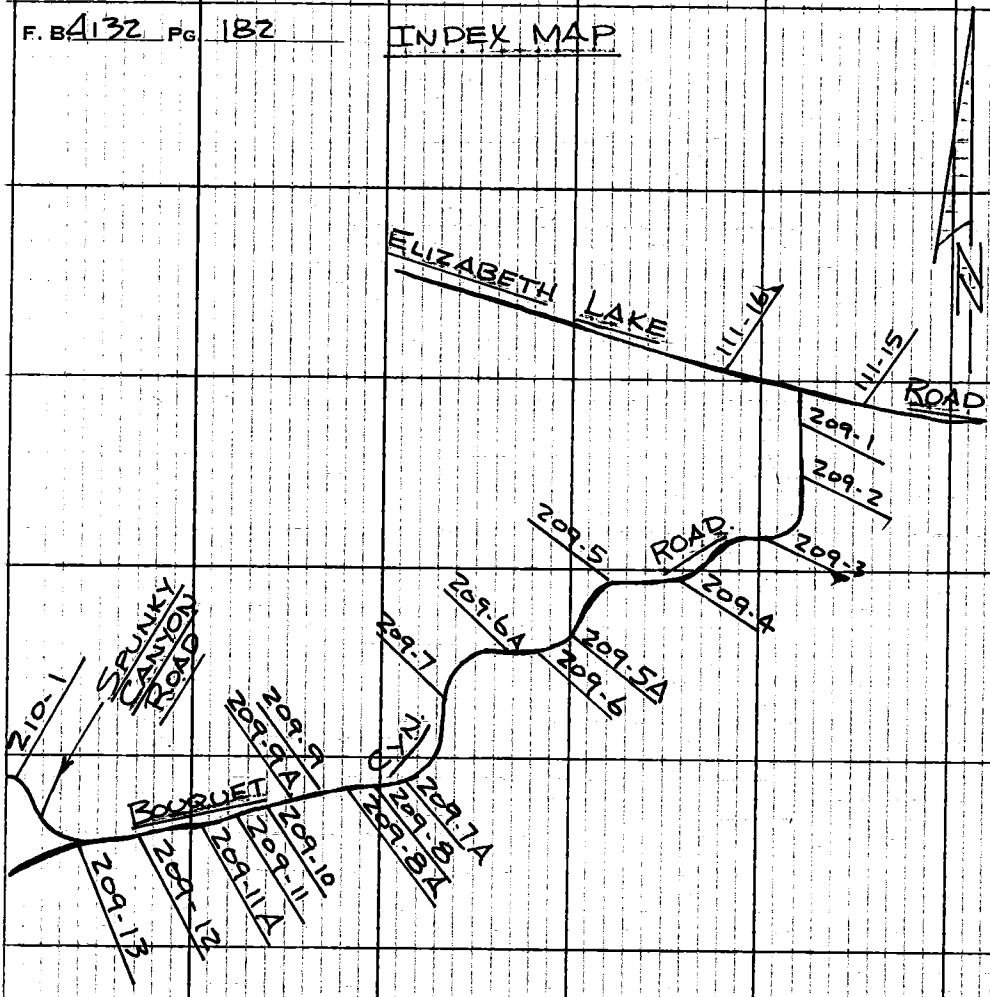
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

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

F. B. 4132 PG. 182

INDEX MAP



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DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526B CE # 308 8-59

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LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 60°

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 30 NOV 72 TIME 1:50-2:42 ROD NO. 2139 AB

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHK'D LARAINE MIYATA DATE

F.B. 4132 PG. 183

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 111-15													FROM BM 111-15 TO BM 111-16
1	164	876	465	5	179 / 149	30	74	548	375	5	88 / 60	28	BM 111-15
													ELIZABETH LAKE RD 0.2 MI
2	256	697	557	5	281 / 231	50	38	487	339	5	64 / 12	52	EAST OF BOUQUET CYN RD.
						80						80	FB 2437-27
3	209	256	510	5	234 / 184	50	72	130	373	5	97 / 47	50	⊼ PETERSON
						130						130	
4	157	401	458	5	(182 / 132)	50	180	142	481	5	205 / 155	50	
						180						180	
5	71	283	372	5	96 / 46	50	178	229	479	5	204 / 152	52	
						230						232	
	154	868	455	5	180 / 128	52	229	439	530	5	254 / 204	50	
						282						282	
7	47	428	348	5	68 / 26	42	261	638	562	5	283 / 239	44	
						324						326	
8	56	048	357	5	78 / 34	44	211	870	512	5	232 / 190	42	
						368						368	
9	143	077	444	5	159 / 127	32	182	781	483	5	199 / 165	34	
+	1260	934				400	1429	264				402	
						+	1260	934				400	
BM 111-16						-	168	330				802	BM 111-16
													ELIZABETH LAKE RD.
													WEST ~~EAST~~ OF BOUQUET CYN RD,
													FB. 2437-28

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4132 PG. 184 JOB NO. 0301-02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.J.R. DATE 15 DEC-72

INDEXED G.D. BAILEY DATE

WEATHER OVERCAST INST. NO. 75234

TIME 10:00 - 10:40 ROD NO. 2139HB

NOTES CHKD LORAINE MIYATA DATE 5 JAN 73

T=36°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 111-16													FROM BM 111-16 TO BM 111-15
1	169	352	470	5	184 154	30	122	680	423	5	137 107	30	BM 111-16
2	188	218	489	5	210 166	44	42	464 525	343	5	64 20	44	ELIZABETH LAKE RD W.
						74						74	OF BOUQUET CYN RD
3	230	863	531	5	252 208	44	14	061	315	5	2) 35 14	44	FB 2437-28
						118						118	
4	208	898	509	5	233 183	50	119	085	420	5	144 94	50	T ANDERSON
						168						168	
5	164	067	465	5	190 138	52	51	898	352	5	77 25	52	
						220						220	
6	167	018	468	5	192 142	50	148	720	449	5	173 123	50	
						270						270	
7	47	062	348	5	72 22	50	188	868 917	489	5	214 162	52	
						320						322	
8	30	602	331	5	55 5	50	253	672	554	5	277 229	48	
						370						370	
9	43	010	344	5	56 30	26	139	402	440	5	152 126	26	
	+ 1249	0901				396	1080	8501				396	
	− 1080	850										396	
BM 111-15	+ 168	240										792	BM 111-15
													ELIZABETH LAKE RD 0.2 MI
													EAST OF BOUQUET CYN RD
													FB 2437-27

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER 30 NOV 72 WEATHER Clear/Tunnel T=60°
NOTES BY R. DOUBLIER DATE TIME 2:42-3:30 ROD NO. 28 INST. NO. 32234
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHECKED LORAINE MIYATA DATE 3 JAN 73
F.B. 4132 PG. 185

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM111-16													FROM BM111-16 TO BM209-1
1	185	562	486	5	202 168	34	143	883	444	5	159 127	32	BM111-16
2	224	228	525	5	250 198	52	46 (004)	004	347	5	72 20	52	ELIZABETH LAKE RD 0.2 MI WEST OF BOUQUET CYN RD
						86		110				84	FB 2437-28
3	266	233	567	5	288 244	44	34	(~~124~~)	335	5	56 12	44	T PETERSON
						130						128	
4	192	018	493	5	215 169	46	188	817	489	5	213 163	50	
						176						178	
5	76	750	377	5	86 66	20	260	426	561	5	270 250	20	
						196						198	
	37	809	338	5	50 24	26	244	617	545	5	256 ~~222~~ 232	24	
						~~224~~ 222						222	
7	42	213	343	5	56 28	28	235	442	536	5	249 221	28	
						250						250	
8	47	263	348	5	69 25	44	225	422	526	5	247 203	44	
						294						294	
9	132 ~~133~~	389	433	5	145 119	26	101	322	402	5	115 87	28	
	+ 1204	465				320	1480	043				322	
						+	1204	465				320	
						-	275	578				142	
BM209-1													BM 209-1 BOUQUET CYN RD. (80th ST W.) 0.25 MI SO. OF ELIZABETH LAKE RD. @ CULVERT FB. 3734-11

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM209-1	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM209-1 TO BM111-16
1	128	146	429	5	156 100	56	62	153	363	5	90 34	56	BM209-1
2	252	101	553	5	271 233	38	22	593	323	5	41 3	38	BOUQUET CYN RD (80TH ST W) 0.25 MI SO. OF ELIZABETH
						94						94	LAKE RD.
3	266	723	567	5	281 251	30	24	750	325	5	39 9	30	FB 3734-11
						124						124	
4	283	519	584	5	295 271	24	63	996	364	5	75 51	24	⊼ STRADER
						148						148	
5	165	023	466	5	193 137	56	223	200 ~~243~~	524	5	250 196	54	
						204						202	
6	10	156	311	5	2) 32 10	44	244	602	545	5	266 222	44	
						248						246	
7	71	969	372	5	95 47	48	216	326	517	5	240 192	48	
						296						294	
8	162	392	463	5	174 150	24	207	029	508	5	222 192	30	
+	1340	029				320	1064	649				324	
−	1064	649										320	
BM111-16 +	275	380										644	BM111-16
													~~BOUQUET CYN RD~~
													ELIZABETH LAKE RD W.
													OF BOUQUET CYN RD.
													FB 2437-28

F.B. 4132 PG. 186 JOB NO. 0301.02 T=36°

SURVEY OF L.A. CO. PRECISE LEVEL NET WEATHER Clear Calm INST. NO. 75234

SURVEY BY R.L.S. NOTES PURDRIGUEZ 15 Dec 72 TIME 9:20-10:00 ROD NO. 2159 HIS

INDEXED G.D. BAILEY DATE NOTES CHK'D LARAINE MIYATA DATE 3 JAN 73

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED 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 R.L. STRADER
NOTES BY PETERSON DATE 1 DEC 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & CALM
TIME 09:50 - 10:40
NOTES CHK BARAINE MIYATA
INST. NO. 75234
ROD NO. 2139NB
DATE 3 JAN 73
F.B. 4132 PG. 187
T= 58°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
BM209-1													FROM BM209-1 TO BM209-2
1	138	743	439	5	153 / 123	30	65	840	366	5	80 / 50	30	BM209-1
2	187	040	488	5	201 / 173	28 / 58	58	042	359	5	72 / 44	28 / 58	BOQUET CN RD. (80TH ST. W) 0.25 MI. SO. OF ELIZABETH LAKE RD AT CULVERT
3	202	060	503	5	217 / 187	30 / 88	71	709	372	5	86 / 56	30 / 88	F.B. 3734-11
4	209	450	510	5	227 / 191	36 / 124	14	~~650~~ 625	315	5	(6) 32 / 14	36 / 124	
5	248	474	549	5	261 / 235	26 / 150	23	792	324	5	35 / 11	24 / 148	⊼ ANDERSON
6	252	622	553	5	263 / 241	22 / 172	26	688	327	5	36 / 16	20 / 168	
7	239	491	540	5	250 / ~~255~~ ~~223~~ 228	22 / 194	54	572	355	5	67 / 41	26 / 194	
8	217	100	518	5	243 / 191	52 / 246	99	552	400	5	125 / 73	52 / 246	
9	187	~~375~~ 282	488	5	215 / 159	56 / 302	104	582	405	5	131 / 77	54 / 300	
10	151	099	452	5	173 / 129	44 / 346	145	253	446	5	168 / 122	46 / 346	
11	111	~~770~~ 728	412	5	137 / 85	52 / 398	139	848	440	5	164 / 114	50 / 396	
12	141	641	442	5	154 / 128	26 / 424	97	~~263~~ 221	398	5	110 / 84	26 / 422	
+	2286	730					901	724				424	
-	901	724										846	
BM209-2 +	1385	006											BM209-2 BOQUET CN. ROAD (80TH ST. W.) 0.75 MI. S. OF ELIZABETH LAKE RD W'LY SIDE OF ROAD F.B. 3734-13

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-2									FROM BM209-2 TO BM209-1
1	104	692	405 5	125 83 42	140	673	441 5	160 120 40	BM209-2
2	148	879	449 5	174 122 52	108	943	409 5	134 82 52	BOUQUET CYN RD (80th ST W) 0.75 MI SO. OF ELIZABETH
3	106	667 ~~608~~	407 5	130 82 94 48	149	585	450 5	173 125 92 48	LAKE RD. FB. 3734-13
4	93	213	394 5	118 68 142 50	176	307 ~~378~~	477 5	201 151 140 50	⊼ ANDERSON
5	102	718	403 5	126 78 192 48	254	085	555 5	279 229 190 50	
6	14	233 ~~258~~	315 5	2) 32 14 240 36	278	302	579 5	294 262 240 32	
7	20	650	321 5	29 11 276 18	208	752	509 5	218 198 272 20	
8	22	408	323 5	34 10 294 24	217	226	518 5	229 205 292 24	
9	23	612	324 5	43 3 318 40	214	112	515 5	235 193 316 42	
10	25	302	326 5	44 6 358 38	210	460	511 5	230 190 358 40	
11	58	176	359 5	74 42 396 32	146	834	447 5	161 131 398 30	
+	720	550		428	2105	279		428	
					+ 720	550		428	
BM209-1					- 1384	729		856	BM 209-1 BOUQUET CYN RD 0.25 MI SO. OF ELIZABETH LAKE RD. FB. 3734-1

F.B. 4132 PG. 188 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 14 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER Clear calm INST. NO. 75234

TIME 14:00 - 14:50 ROD NO. 2139 MB

NOTES CHK. DRAINE MIYATA DATE 3 JAN 73

T = 40°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR CH[illegible]LED 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 R.L. STRAWER
NOTES BY PETERSON DATE 1 DEC 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR & CALM
TIME 10:40 - 11:30
NOTES CHK. RAINE MIYATA DATE 3 JAN 73
INST. NO. 75234
ROD NO. 2139AB
F.B. 4132 PG. 189
T=60°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-2									FROM BM 209-2 TO BM 209-3
1	185	853	486 5	208 162 46	47	911	348 5	69 25 44	BM209-2 BOQUET CN. RD. (80 TH ST. W.)
2	225	643	526 5	249 201 48	27 ~~28~~	907	328 5	51 3 48	0.75 MI. SO. OF ELIZABETH LAKE
				94				92	ROAD. W'LY SIDE OF RD.
3	211	875	512 5	234 188 46	47	202	348 5	71 23 48	F.B. 3734-13
				140				140	
4	206	152	509 5	230 182 48	40	102	341 5	64 16 48	
				188				188	ANDERSON
5	201	312	502 5	226 176 50	58	092	359 5	83 33 50	
				238				238	
6	197	971	498 5	224 170 54	23	713	324 5 (½)	50 23 54	
				292				292	
7	218	732	519 5	239 197 42	13	502	314 5 (½)	32 13 38	
				334				330	
8	247	253	548 5	259 235 24	24	037	325 5	37 11 26	
				358				356	
9	227	912	528 5	240 214 26	12	854	313 5 (½)	26 12 28	
				384				384	
10	224	623	525 5	237 211 26	69	831	370 5	82 56 26	
				410				410	
11	217	482	518 5	230 204 26	166	132	467 5	179 153 26	
+	2364	808		436	531	283		436	
−	531	283						436	
+	1833	525						872	
BM ~~210~~ 209-3									BM209-3 BOQUET CN. RD. 1.25 MI. S.W'LY OF ELIZABETH LAKE RD. N. SIDE F.B. 3734-15

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 190 | JOB NO. 0301.02 | SURVEY OF | SURVEY BY R.L.S. | NOTES 12/02/1972 1.400 | INDEXED BY D. BAILEY | DATE | WEATHER Clear-Calm | TIME 13:10-14:00 | NOTES CHK LORAINE MIYATA | DATE 3 JAN 73 | INST. NO. 75234 | ROD NO. 2139 | T42

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM209-3													From BM209-3 To BM209-2
1	145	083	446	5	161 123	44	236	120	537	5	239 213	46	BM 209-3
													BOUQUET CYN RD 1.25 MI
2	35	348	336	5	48 22	26	270	287	571	5	285 255	30	S.W. OF ELIZABETH LAKE
						70						76	RD.
3	10	378	311	5	23 2) 10	26	208	650	509	5	218 198	20	FB. 3734-15
						96						96	
4	11	937	312	5	29 2) 11	36	231	505	532	5	247 215	32	T ~~STR~~ ANDERSON
						132						128	
5	29	140	330	5	48 10	38	228	780	529	5	249 207	42	
						170						170	
6	55	558	356	5	81 29	52	183	348	484	5	206 160	46	
						222						216	
7	21	983	322	5	52 2) 21	62	214	327	515	5	242 186	56	
						284						272	
8	24	352	325	5	47 2) 24	46	187	394	488	5	213 161	52	
						330						324	
9	29	112	330	5	49 9	40	194	581	495	5	217 171	46	
						370						370	
10	15	798	316	5	39 2) 15	45	215	788 ~~848~~	516	5	239 191	48	
						418						418	
11	101	750	402	5	110 92	18	142	800	443	5	152 132	20	
	+ 480	439				436	2313	880				438	
						+	480	439				436	
BM209-2						-	1833	441				874	BM 209-2
													BOUQUET CYN RD (80THSTW)
													0.75 MI SO. OF
													ELIZABETH LAKE RD
													FB. 3734-13

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
B.M.209-3													FROM B.M.209-3 TO B.M.209-4
1	192	796	493	5	213 169	46	104	582	405	5	126 82	44	B.M. 209-3
2	232	070	533	5	256 208	48	100	600	401	5	125 75	50	BOUQUET CYN. RD., 1.26 MI. S.W.ERLY OF ELIZABETH LAKE RD. NORTH SIDE
3	194	129	495	5	219 169	50	123	220	424	5	149 97	52	F.B. 3734-15
4	213	039	514	5	238 188	50	54	871	355	5	78 30	48	
5	239	197	540	5	266 212	54	42	128	343	5	70 14	56	T = RODRIGUEZ
6	271	420	572	5	298 244	54	36	223	337	5	62 10	52	
7	259	528	560	5	282 236	46	31 ~~30~~	020	332	5	55 7	48	
8	252	261	553	5	267 237	30	52	018	353	5	65 39	26	
B.M.209-4	210	810	511	5	218 202	16	26	400	327	5	35 17	18	B.M. 209-4
	+ 2065	250				394	571	062				394	BOUQUET CYN. RD., 1.75 MI. SW'LY OF ELIZABETH LAKE RD. - SOUTH SIDE
	- 571	062										394	F.B. 3734-17
	+ 1494	188										788	

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 1-DEC. '72 WEATHER CLEAR & CALM T = 60°

INDEXED G.D. BAILEY DATE DEC 31 1972 TIME 11:36-12:20 INST. NO. 75234

NOTES CHKD LORAINE MIYATA DATE 3 JAN 73 ROD NO. 2139 R.B.

F.B. 4132 PG. 191

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 209-4													FROM BM 209-4 TO BM 209-3
1	12	110	313	5	26 12	1/2 28	258	570	559	5	278 244	28	BM 209-4
2	25	750	326	5	45 5	40	278	050	579	5	298 258	40	BOUQUET CYN. RD., 1.75 MI. SW'LY OF ELIZABETH
3	41	940	342	5	66 16	68 50	265	210	566	5	290 240	68 50	LAKE RD., S'LY SIDE ROAD F.B. 3734-17
4	56	418	357	5	81 31	118 50	250	102	551	5	274 226	118 48	
5	61	682	362	5	85 37	168 48	238	418	539	5	263 213	166 50	⊼ R. RODRIGUEZ
6	67	870	368	5	92 42	216 50	197	571	498	5	222 172	216 50	
7	117	800	418	5	142 92	266 50	179	411	480	5	200 158	266 42	
8	108	~~610~~ 661	409	5	132 84	316 48	247	290	548	5	274 220	308 54	
9	135	420	436	5	154 116	364 38	207	310	508	5	227 187	362 40	
	+ 627	651				402	2121	932				402	
							+ 627	651				402	
							- 1494	281				804	
BM 209-3													BM 209-3 BOUQUET CYN. RD., 1.25 MI. SW'LY OF ELIZABETH LAKE RD., NO. SIDE ROAD F.B. 3734-15

F.B. 4132 PG. 192 JOB NO. 0301.02 T=38°

SURVEY OF L.A. Co. PRECISE LEVEL NET WEATHER CLEAR-CALM INST. NO. 75234

SURVEY BY R.L.S. NOTES R.L. STRADER DEC 14, '72 TIME 10:30-11:05 ROD NO. 2139 A-B

INDEXED G.D. BAILEY DATE NOTES CHK'D LARAINE MIYATA DATE 3 JAN '73

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T. = 66°

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 1-DEC, 1972 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED G.D. BAILEY DATE DEC 21 1972 TIME 13:30-13:55 ROD NO. 2139A-B

NOTES CHK. DARAINE MIYATA DATE 3 JAN 73

F.B. 4132 PG. 193

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
B.M. 209-4													FROM B.M. 209-4 TO T.B.M. # 1
1	181	980	482	5	194 168	26	67	544	368	5	80 54	26	B.M. 209-4
					291						70		BOUQUET CYN. RD., 1.75 MI.
2	291	960	592	5	267	1½ 48	45	508	346	5	20	50	S.W'LY OF ELIZABETH LAKE
					262	74					70	76	RD. SOUTH SIDE
3	237	329	538	5	212	50	45	490	346	5	20	50	F.B. 3734-17
					276	124					66	126	
4	251	111	552	5	226	50	41	731	342	5	16	50	
					289	174					38	176	
5	264	340	565	5	239	50	14	420	315	5	14	½ 48	
					297	224					28	224	
6	297	452	598	5	280	½ 34	11	398	312	5	11	½ 34	T = RODRIGUEZ
	+1524	1721				258	226	091				258	
T.B.M. # 1	- 226	091										258	T.B.M. # 1
	+1298	081										516	T.P. # 527125 H
													NORTH SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 4132 PG. 194 JOB NO. 0301.02 SURVEY OF L.A. Co. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES R.L. STRADER DEC. 14, '72 INDEXED G.D. BAILEY DATE

T = 38°

WEATHER CLEAR-CALM TIME 10:00-10:25 NOTES CHK'D LARAINE MIYATA DATE

INST. NO. 75234 ROD NO. 2139 A-B

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
TBM #1													FROM TBM #1 TO BM 209-4
1	29	950	330	5	46 12	34	268	718	569	5	284 252	32	TBM #1
													SPK., T.P. # 527125 H
2	48	801	349	5	65 31	34	243	332	544	5	260 226	34	
						68						66	
3	40	250	341	5	65 15	50	259	059	560	5	284 234	50	
						118						116	
4	53	810	354	5	78 28	50	254	800	559	5	279 229	50	
						168						166	
5	72	430	373	5	92 52	40	236	260	537	5	256 216	40	T R. RODRIGUEZ
						208						206	
6	34	240	335	5	56 12	44	300	220	601	5	300 1/2 278 1/2	44	
						252						250	
7	104	390	405	5	111 97	14	119	811	420	5	127 111	16	
	+ 383	871				266	1682	200				266	
						+	383	871				266	
						-	1298	329				532	
BM 209-4													BM 209-4 1.75 BOUQUET CYN. RD., ~~[illegible]~~ MILES SW'LY OF ELIZABETH LAKE RD., NO. SIDE FB. 3734-17

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 R.L. STRADER
NOTES BY R.L.S.
INDEXED G.D. BAILEY
DATE DEC 15 '72
DATE DEC 21 1972
WEATHER CLEAR-CALM
TIME 11:25 - 11:50
NOTES CH. LORAINE MIYATA
INST. NO. 76234
ROD NO. 2137A-B
DATE 3 JAN 73
T= 42°
F.B. 4132 PG. 195

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 209-4													FROM BM 209-4 TO T.B.M. #1
1	208	620	509	5	223 193	30	54	250	355	5	69 39	30	BM 209-4
2	288	940	589	5	288 264	½ 48	57	572	358	5	82 32	50	BOUQUET CYN. RD. 1.75 MILES SW'LY OF ELIZABETH LAKE
						178						80	ROAD, SO. SIDE
3	259	872	560	5	284 234	50	75	940	376	5	95 55	40	F.B. 3734-17
						128						120	
4	257	300	558	5	282 232	50	39	190	340	5	68 10	58	
						178						178	
5	276	720	577	5	300 252	48	12	820	313	5	36 12	½ 48	T R. RODRIGUEZ
						226						226	
6	274	622	575	5	291 257	34	28	242	329	5	45 11	34	
	+ 1566	074				260	268	014				260	
	− 268	014										260	
	+ 1298	060										520	
													RERUN
T.B.M. #1													T.B.M. #1 SPK., TEL POLE # 527125H NO. SIDE ROAD

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
T.B.M. #1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #1 TO BM 209-4
1	10	138	311	5	30 10 ½	4 20	299	490	600	5	299 279 ½	40	T.B.M. #1
2	19	930	320	5	43 19 ½	48	273	389	574	5	296 250	46	SPK., T.P. # 527125 H
						88						86	
3	55	260	356	5	80 30	50	254	241	555	5	278 230	48	
						138						134	
4	52	230	353	5	77 27	50	264	070	565	5	291 237	54	
						188						188	
5	50	218	351	5	74 26	48	292	480	593	5	292 ½ 269	46	⊼ R. RODRIGUEZ
						236						234	
6	79	460	380	5	89 69	20	181	770	482	5	192 170	22	
+	267	236				256	1565	440				256	
						+	267	236				256	
						-	1298	204				512	
													RERUN
BM 209-4													BM 209-4 BOUQUET CYN. RD., 1.75 MI SW'LY OF ELIZABETH LAKE ROAD., SO. SIDE F.B. 3734-17

T=40°

F.B. 4132 PG. 196 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER DEC. 15, '72

INDEXED G.D. BAILEY DATE

WEATHER CLOUDY-CALM INST. NO. 75234

TIME 13:35-13:55 ROD NO. 2139 A-B

NOTES CHKD. ~~DARAINE MIYATA~~ DATE 3 [illegible] 73

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 R. L. STRADER

NOTES BY R. ANDERSON DATE 1-DEC.-72 WEATHER CLEAR & CALM INST. NO. 75125

INDEXED G. D. BAILEY DATE DEC 21 1972 TIME 14:00-14:30 ROD NO. 2139 R.

NOTES CHK. LORAINE MIYATA DATE 3 JAN 73

T. ~66°

F.B. 4132 PG. 197

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
T.B.M. # 1											From T.B.M. # 1 To B.M. 209-5
1	~~86~~ 85	972	386	5	70 80	10	102	141	403	5	107 97 10	T.B.M. # 1
					299						55	Tel. P. # 527125H - North Side
2	299	322	600	5	280 ½	38	39	262	340	5	23 32
					300	48					40 42
3	300	830	601	5	283 ½	34	22	911	323	5	4 36
					301	82					26 78
4	301	260	602	5	286 ½	30	10	098	311	5	10 ½ 32
					278	112					68 110
5	270	109	571	5	262	16	60	020	361	5	52 16
					299	128					23 126
6	299	050	600	5	287 ½	24	10	480	311	5	10 ½ 26
					298	152					~~52~~ 152
7	298	289	599	5	286 ½	24	43	700	344	5	~~31~~ 26
		150			280	176					183 178
8	274	~~7~~	575	5	268	12	177	302	478	5	171 12
	+ 2128	982				188	465	914			190
B.M. 209-5	- 465	914									188
	+ 1663	068									378

T = Rodriguez

56
30

B.M. 209-5
Bouquet Cyn. Rd. 2.25 mi.
S.W'erly of Elizabeth Lake Rd.
F.B. 3734-19 North Side

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. 4132 PG. 198 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER DEC. 14, '72

INDEXED BY D. BAILEY DATE

WEATHER CLEAR-CALM INST. NO. 75234

TIME 9:40-10:50 ROD NO. 2139 A-B

NOTES CHECKED BY LORAINE MIYATA DATE 3 JAN 73

T = 38°

STATION	BACKSIGHT Right	Mic.	Left.		Stadia		FORESIGHT Right	Mic.	Left.		Stadia		DESCRIPTION AND REMARKS
BM 209-5													From BM 209-5 To TBM #1
1	96	038	397	5	109 83	26	288	190	589	5	300 276½	24	BM 209-5
													BOUQUET CYN. RD., 2.25
2	22	182	323	5	32 12	20	297	350	598	5	297½ 287½	20	MILES SW'LY OF ELIZABETH
						46						44	LAKE RD., NO. SIDE.
3	24	040	325	5	35 13	24	283	468	584	5	294 272	22	F.B. 3734-19
						70						66	
4	59	641	360	5	68 50	18	282	950	583	5	294 270	24	
						88						90	
5	46	850	347	5	57 35	22	250	350	551	5	260 240	20	T R. RODRIGUEZ
						110						110	
6	14	772	315	5	30 14½	32	301	651	602	5	301½ 284	34	
						142						144	
7	42	860	343	5	59 25	34	265	698	566	5	281 249	32	
+	306	383				176	1969	657				176	
						+	306	383				176	
						-	1663	274				352	
TBM #1													TBM #1
													SPK., T.P. # 527125 H

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-5	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-5 TO TBM #1
1	48	910	349	5	65 31	34	296	850	597	5	296 283½	26	BM 209-5
2	52 ~~54~~	010	353	5	60 44	16	300	730	601	5	300 286½	28	BOUQUET CYN. RD., 2.25 MILES SW'LY OF ELIZABETH
3	18	951	319	5	29 7	50 22	275	690	576	5	286 264	54 22	LAKE RD., NO. SIDE F.B. 3734-19
4	34	801	335	5	45 23	72 22	278	500	579	5	290 266	76 24	
5	34	511	335	5	46 22	94 24	241	911	542	5	250 232	100 18	⊼ R. RODRIGUEZ
6	49	550	350	5	62 36	118 26	265	538	566	5	278 252	118 26	
7	39	689	340	5	56 22	144 34	282	370	583	5	299 265	144 34	
+	278	422				178	1941	589				178	
						+	278	422				178	
						−	1663	167				356	RERUN
TBM #1													TBM #1 SPK., T.P. #527125H

F.B. 4132 PG. 200 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER DEC. 15, '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLOUDY. CALM INST. NO. 75234

TIME 13:10-13:35 ROD NO. 2139 A-B

NOTES CHKD. ARAINE MIYATA DATE 3 JAN 73

T = 40°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-5	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM209-5 TO BM209-5A
1	299	303	600	5	2) 299 291	16	64	572	365	5	73 55	18	BM209-5
2	259	167	560	5	275 243	32	58	082	359	5	74 42	32	BOUQUET CYN RD 2.25 mi S.W. of ELIZABETH LAKE RD
						48						50	FB 3734-19
3	233	632	534	5	253 213	40	71	268	372	5	88 54	34	
						88						84	⊼: T.C. PETERSON
4	220	633	521	5	233 207	26	53	469	354	5	67 39	28	
						114						112	
5	165	780	464	5	170 160	10	276	702	577	5	281 271	10	
	+ 1178	515				124	524	093				122	
	− 524	093										124	
BM209-5A	+ 654	422										246	BM 209-5A
													BOUQUET CYN RD 2.4 mi S.W of ELIZABETH
													FB 3734-21

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°

SURVEY BY STRADER

NOTES BY RODRIGUEZ DATE 1-DEC-72 WEATHER Clear-Calm INST. NO. 75234

INDEXED G. D. BAILEY DATE DEC 21 1972 TIME 2:35-3:00 ROD NO. 2139 HB

NOTES CHK'D LARAINE MIYATA DATE 3 JAN 73

F.B. 4132 PG. 201

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-5A													FROM BM209-5A TO BM209-5
1	257 ~~256~~	707 ~~201~~	558	5	~~264~~ ~~248~~ 265 247	16	200 ~~199~~	821 ~~325~~	501 ~~500~~	5	208 192	16	BM 209-5A BOUQUET CYN RD. 2.4 MI S.W of ELIZABETH LAKE RD FB 3734-21
2	40	734	341	5	59 21	38	255	729	556	5	274 236	38	
						54						54	
3	56	220 ~~190~~	357	5	78 34	44	293	601	594	5	293 272	42	⊼ = STRADER
						98						96	
4	38 ~~39~~	431	339	5	48 28	20	297	342	598	5	297 287	20	
	+ 393	092				118	1047	423				116	
~~5~~				5		+	393	092				118	
						-	654	401				234	
BM209-5													BM209-5 BOUQUET CYN RD. 2.4 MI S.W of ELIZABETH LAKE RD. FB 3734-19

F.B. 4132 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 14 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER Clear Calm INST. NO. 75234

TIME 9:00 - 9:30 ROD NO. 2139 MB

NOTES CHK DARAINE MIYATA DATE 3 JAN 78

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RODRIGUEZ DATE 1-DEC-72 WEATHER Clear-Calm

NOTES BY STRUNDER TIME 8:05-3:40 INST. NO. 25234

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD LORAINE MIYATA DATE 3 JAN 73 ROD NO. 213948

T = 66°

F.B. 4132 PG. 203

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
BM 209-5A													FROM BM 209-5A TO T.B.M #2
1	301	312	602	5	2) 301 296	10	190	320	491	5	193 185	10	BM 209-5A
2	285	863	586	5	296 274	22	21	458	322	5	30 12	18	BOUQUET CYN RD 2.4 MI S.W
						32						28	OF ELIZABETH LAKE RD.
3	271	893	572	5	281 261	20	37	928	338	5	48 26	22	FB. 3234-21
						52						50	
4	270	742	571	5	288 252	36	12	057	3 312	5	26 2) 12	28	T. PETERSON
						88						78	
5	293	116	594	5	300 286	14	40	888	341	5	51 29	22	
						102						100	
6	272	732	573	5	283 261	22	42	051	343	5	53 31	22	
						124						122	
7	287	973	588	5	297 277	20	25	515	326	5	35 15	20	
						144						142	
8	294	528	597	5	296 2) 285	22	24	958	327	5	37 15	22	
						166						164	
9	263	882	564	5	273 253	20	59	101	360	5	70 48	22	
						186						186	
10	233	384	534	5	243 223	20	101	142	402	5	101 2) 91	20	
	+ 2777	425				186 206	557	418				206	
	- 557	418										206	
	+ 2220	007										412	
T.B.M #2													T.B.M #2 SET BOOT SPK WIT

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
T.B.M #2													FROM T.B.M #2 TO BM209.5A
1	28	293	329	5	44 12	32	279	818	580	5	294 264	30	T.B.M #2
													SET BOOT
2	14	863	315	5	25 3	22	290	677	591	5	301 279	22	
						54						52	
3	12	358	313	5	2 2 2	20	281	055	582	5	291 271	20	
						74						72	
4	24	458	325	5	35 13	22	298	382	599	5	2) 298 286	24	
						96						96	
5	19	526	320	5	31 7	24	280	277	581	5	293 267	26	
						120						122	
6	25	008	326	5	38 12	26	281	482 ~~490~~	582	5	294 268	26	
						146						148	
7	10	058	311	5	23 2) 10	26	298	021	599	5	2) 298 286	24	
						172						172	
8	36 ~~137~~	137 ~~337~~	337	5	45 27	18	255			5			
						190							
9													

T=40°

WEATHER Winds-Clear INST. NO. 75234

TIME 13:35-14:25 ROD NO. 2139AB

NOTES CHKD. DATE

F.B. 4132 PG. 204 JOB NO. 0301.02

SURVEY OF LA.CO. PRECISE LEVEL NET

SURVEY BY DLS NOTES 120 DRIGUEZ 13 DEC 72

INDEXED DATE

VOID

RE DO-OVER

T PETERSON

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 206 JOB NO. 030102

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.O. DIGUEZ 13 Dec 72

INDEXED G.D. BAILEY DATE DEC 21 1972

T=40°

WEATHER Winds Clear INST. NO. 735231

TIME 14:35-15:30 ROD NO. 2389116

NOTES CHKD ~~LAFAINE~~ MIYATA DATE ~~3 JAN 73~~

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
T.B.M #2													From T.B.M #2 To BM209-5A
1	38	550	339	5	53 23	30	271	341	572	5	286 256	30	T.B.M #2
													SET BOAT SPK W/T. SO
2	14	602	315	5	26 2	24	299	881	600	5	299 287	24	SIDE EDGE of PAVEMENT.
						54						54	K PETERSON
3	12	936	313	5	22 2	20	288	738	589	5	299 277	22	
						74						76	
4	17	542	318	5	28 6	22	290	396	591	5	299 279	22	
						96						98	
5	36	938	337	5	46 26	20	264	987	565	5	275 253	22	
						116						120	
6	27	867	328	5	39 15	24	253	439	554	5	263 243	20	
						140						140	
7	34	952	335	5	46 22	24	280	728 ~~758~~	581	5	292 268	24	
						164						164	
8	25	313	326	5	34 16	18	266	967	567	5	275 257	18	
						182						182	
9	70	826	371	5	78 62	16	283	088	584	5	290 276	14	
	+ 279	526				198	2499	565				196	
						+	279	526				198	
						-	2220	039				394	
BM209-5A													BM 209-5A
													BOUQUET CYN RD 2.4 MI
													S.W. of ELIZABETH LAKE RD
													FB 3734-21

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE 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
T.B.M. #2	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.B.M. #2 TO B.M. 209-6
1	287	159	588	5	287 272	1/2 30	32	091	333	5	47 17	30	T.B.M. #2
					284			101			37		
2	267	770	568	5	250	34	21	~~090~~	322	5	5	32	SET LG. BT. SVK. W. & T S'LY SIDE OF RD.
					298	64					34	62	NO REF.
3	280	449	581	5	262	36	15	530	316	5	15	1/2 38	
					291	100					26	100	
4	291	790	592	5	279	1/2 24	14	990	315	5	2	24	
					225	124					154	124	
5	220	098	521	5	215	10	149	170	450	5	144	10	π = RODRIGUEZ
+	1347	266				134	232	882				134	
-	232	882										134	
B.M. 209-6	1114	384										268	B.M. 209-6

BOUQUET CYN. RD. 2.75 MI.
S.W. 'ERLY OF ELIZABETH LAKE RD.
F.B 3734-23 SOUTH SIDE

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

SURVEY BY R.L. STRADER

NOTES BY R. ANDERSON DATE 6-DEC '72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLOUDY & CALM INST. NO. 75234

TIME 09:15 - 09:40 ROD NO. 2139A

NOTES CHK. LARAINE MIYATA DATE 3 JAN 73

T. = 38°

F.B. 4132 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
BM 209-6	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-6 TO TBM # 2.
1	66	449	367	5	73 59	14	239	040	540	5	246 232	14	BM 209-6
2	43	270	344	5	52 34	18	256	750	557	5	266 246	20	BOUQUET CN. RD. 2.75 MI S.W. 'LY OF ELIZABETH LAKE RD. 5'LY SIDE
						32						34	F.B. 3734-23
3	10	560	311	5	(½) 29 10	38	286	798	587	5	(½) 286 266	40	
						70						74	
4	25	652	326	5	39 11	28	268	010	569	5	281 255	26	
						98						100	
5	58	520	359	5	70 46	24	268	210	569	5	280 256	24	π RODRIGUEZ
+	204	451				122	1318	808				124	
						+	204	451				122	
						-	1114	357				246	
T.B.M. # 2													T.B.M. # 2 LG BT. SPK. W & T 5'LY SIDE OF RD NO. REF.

F.B. 4132 PG. 208

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 13 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:10 - 13:25 ROD NO. 2739 AB

NOTES CHK DARAINE MIYATA DATE 3 JAN 73

T=40

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR CH[illegible]LED 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 R.L. STRADER
NOTES BY R. ANDERSON DATE 6-DEC. '72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLOUDY & CALM
TIME 09:40-10:20
NOTES CH[illegible] LORAINE MIYATA DATE 3 JAN 73
INST. NO. 75234
ROD NO. 2134A-C
F.B. 4132 PG. 209
T = 38°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
B.M. 209-6													FROM B.M. 209-6 TO B.M. 209-6A
1	178	110	479	5	183 / 173	10	77	070	378	5	82 / 72	10	B.M. 209-6
2	291	758	592	5	291 / 280	½ 22	13	651	314	5	24 / 2	22	BOUQUET CYN. RD., 2.75 MI. S.W.'ERLY OF ELIZABETH LAKE RD.
3	293	410	594	5	293 / 283	32 / ½ 20	19	391	320	5	30 / 8	32 / 22	F.B. 3734-23 SOUTH SIDE
4	296	500	597	5	296 / 283	52 / ½ 26	11	660	312	5	22 / 0	54 / 22	
5	295	191	596	5	295 / 285	78 / ½ 20	11	460	312	5	22 / 11	76 / ½ 22	T = RODRIGUEZ
6	300	030	601	5	300 / 288	98 / ½ 24	15	119	316	5	26 / 4	98 / 22	
7	290	310	591	5	300 / 280	122 / 20	16	080	317	5	27 / 5	120 / 22	
8	292	628	593	5	292 / 281	142 / ½ 22	14	687	315	5	25 / 3	142 / 22	
9	234	600	535	5	240 / 228	164 / 12	82	040	383	5	88 / 76	164 / 12	
	+2472	537				176	261	158				176	
B.M. 209-6A	261	158										176	B.M. 209-6A
	+2211	379										352	BOUQUET CYN. RD. 3.0 MI. S.W.'ERLY OF ELIZABETH LAKE RD. F.B. 3734-24 NORTH SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
B.M. 209-6A													FROM B.M. 209-6A TO B.M. 209-6
1	12	670	313	5	24 0	24	289	212 ~~220~~	590	5	300 278	22	B.M. 209-6A BOUQUET CYN. RD., 3.0 MI. S.W.'ERLY OF ELIZABETH LAKE RD. NORTH SIDE F.B. 3734-24
2	17	370	318	5	28 6	22	296	990	597	5	296 285	22	
3	13	088	314	5	24 2	46 22	290	540	591	5	301 279	44 22	
4	19	810	320	5	29 9	68 20	300	440	601	5	300 289 1/2	66 22	
5	26	030	327	5	36 16	88 20	283 ~~284~~	990	584	5	293 273	88 20	$\bar{\pi}$ = RODRIGUEZ
6	23	840	324	5	33 13	108 20	277	850	578	5	287 267	108 20	
7	29	200	330	5	39 19	128 20	275	190	576	5	285 265	128 20	
8	27	460	328	5	37 17	148 20	293	712	594	5	293 283 1/2	148 20	
9	81	420	382	5	87 75	168 12	154	752	455	5	160 148	168 12	
+	250	888				180	2462	676				180	
B.M. 209-6						+	250	888				180	B.M. 209-6 BOUQUET CYN. RD., 2.75 MI. S.W.'ERLY OF ELIZABETH LAKE RD. SOUTH SIDE F.B. 3734-23
						−	2211	788				360	

F.B. 4132 PG. 210

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 13-DEC.'72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 11:30-12:00 ROD NO. 2139 A-B

NOTES CHK'D LARAINE MIYATA DATE 3 JAN '76

T. = 34°

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE 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
BM 209-6									FROM BM 209-6 TO BM 209-6A
1	192	192	493 5	202 182 20	15	332	316 5	24 6 18	BM 209-6
2	220	743	521 5	229 211 18 / 38	12	450	313 5	21 3 18 / 36	BOUQUET CN. RD. 2.75 MI S.W. '4 OF ELIZABETH LAKE RD. F.B. 3734-23 SO. SIDE
3	195	272	496 5	203 187 16 / 54	11	508	312 5	19 3 16 / 52	
4	196	988	497 5	203 189 14 / 68	32	032	333 5	39 25 14 / 66	
5	222	120	523 5	230 214 16 / 84	22	192	323 5	30 14 16 / 82	⊼ ANDERSON
6	223	665	524 5	231 215 16 / 100	13	438	314 5	21 5 16 / 98	
7	231	765	532 5	239 223 16 / 116	18	542	319 5	26 10 16 / 114	
8	218	747	519 5	226 210 16 / 132	13	200	314 5	21 5 16 / 130	RERUN
9	214	350	515 5	222 206 16 / 148	16	648	317 5	24 8 16 / 146	
10	223	710	524 5	231 215 16 / 164	16	802	317 5	25 7 18 / 164	
11	257	133	558 5	267 247 20 / 184	12	671	313 5	22 2 20 / 184	
+	2396	685			184	815		184	
-	184	815						184	
+	2211	870						368	
BM 209-6A									BM 209-6A BOUQUET CN. RD. 3.0 MI S.W. '4 OF ELIZABETH LAKE RD F.B. 3734-24 NO. SIDE

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 18 DEC 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:50-10:30 ROD NO. 2139AB

NOTES CHK. LARAINE MIYATA DATE 3 JAN 73

T-48

F.B. 4132 PG. 211

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM209-6A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-6A TO BM209-6
1	20	268	321	5	29 11	18	228	941	529	5	237 219	18	BM209-6A
2	20	960	321	5	29 11	18	257	348	558	5	266 248	18	BOUQUET CN. RD. 3.0 MI. S.W. 1/4 OF ELIZABETH LAKE RD,
						36						36	F.B. 3734-24 NO. SIDE
3	16	408	317	5	25 7	18	247	332	548	5	256 238	18	
						54						54	
4	14	797	315	5	22 6	16	233	663	534	5	241 225	16	
						70						70	⊼ ANDERSON
5	28	690	329	5	36 20	16	225	805	526	5	233 217	16	
						86						86	
6	22	092	323	5	30 14	16	227	613	528	5	235 219	16	
						102						102	
7	30	611	331	5	38 22	16	219	628	520	5	227 211	16	
						118						118	
8	14	032	315	5	22 6	16	201	913	502	5	209 193	16	
						134						134	RERUN
9	14	220	315	5	21 7	14	180	350	481	5	187 173	14	
						148						148	
10	19	528	320	5	27 11	16	210	852	511	5	217 203	14	
						164						162	
11	14	958	315	5	23 5	18	194	922	495	5	204 184	20	
	+ 216	564				182	- 2428	367				182	
							+ 216	564				182	
BM209-6							- 2211	803				364	BM209-6
													BOUQUET CN. RD, 2.75 MI S'W 1/4 OF ELIZABETH LAKE RD
													F.B. 3734-23 SO. SIDE

F.B. 4132 PG. 212

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 18 DEC 72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:00 - 09:40 ROD NO. 2139 AB

NOTES CHK DARAINE MIYATA DATE 3 JAN 73

+=48°

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR COLLED 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 STRADER

NOTES BY IZODRIGUEZ DATE 6-DEC-72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER WINDY OVERCAST INST. NO. 75234

TIME 10:35-11:45 ROD NO. 293/145

NOTES CHK. LARAINE MIYATA DATE 3 JAN '73

F.B. 4132 PG. 213

T=38°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-6A									FROM BM209-6A TO BM 209-7
1	291	444	592 5	2) 291 279 22	10	629	311 5	2) 21 10 22	BM209-6A
2	290	837	591 5	299 281 18	14	548	315 5	24 4 20	BOUQUET CYN RD. 3.0 MI S.W. OF ELIZABETH CYN RD
				42				42	FB 3734-24
3	279	753	580 5	289 ~~289~~ 269 20	11	838	312 5	21 1 20	
				62				62	⊼ PETERSON
4	283	713	584 5	293 273 20	12	120	313 5	22 2 20	
				82				82	
5	293	290	594 5	2) 293 283 20	10	995	311 5	2) 20 10 20	
				102				102	
	294	588	595 5	2) 294 285 18	15	353	316 5	24 6 18	
				120				120	
7	283	328	584 5	291 275 16	13	500	314 5	21 5 16	
				136				136	
8	278	167	579 5	286 270 16	25	327	326 5	33 17 16	
				152				152	
9	271	770	572 5	279 263 16	17	205	318 5	25 9 16	
				168				168	
10	270	918	571 5	279 261 18	44	719	345 5	53 35 18	
				186				186	
11	288	641	589 5	2) 288 273 30	115	597	416 5	131 99 32	
				216				218	
12	78	728	379 5	92 64 28	251	336	552 5	264 238 26	
				244				244	
13	100	183	401 5	107 93 14	96	411	397 5	103 89 14	
BM209-7	+3305	360		258	639	578		258	BM 209-7
	-639	578						258	BOUQUET CYN RD 3.25 MI S.W OF
	+2665	782						516	ELIZABETH LAKE RD. FB.3734-25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 214 JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET SURVEY BY R.L.S. NOTES ROD/WIGUER 13 Dec 72 INDEXED G. D. BAILEY DATE

WEATHER STRONG WIND INST. NO. 75234 ROD NO. 2139 HB TIME 9:55 - 11:05 DATE 9 JAN 73 NOTES CHK DARAINE MIYAZAKI

T = 32°

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 209-7													From BM 209-7 To BM 209-6A
1	185	507	486	5	199 / 171	28	67	907	368	5	80 / 54	26	BM 209-7
2	195	066	496	5	215 / 175	40 / 68	278	797	579	5	297 / 259	38 / 64	BOUQUET CYN RD. 3.25 MI S.W. OF ELIZABETH LAKE RD
3	13	733	314	5	23 / 2)13	20 / 88	297	703	598	5	297 / 2)287	20 / 84	FB. 3734-25
4	16	531	317	5	25 / 7	18 / 106	301	428	602	5	301 / 2)290	22 / 106	T PETERSON
5	24	481	325	5	32 / 16	16 / 122	287	801	588	5	296 / 78	18 / 124	
6	11	340	312	5	19 / 3	16 / 138	295	841	596	5	295 / 2)286	18 / 142	
7	17	342	318	5	25 / 9	16 / 154	262	169	563	5	269 / 55	14 / 156	
8	16	248	317	5	25 / 7	18 / 172	290	444	591	5	299 / 281	18 / 174	
9	10	018	311	5	19 / 1	18 / 190	286	192	587	5	295 / 277	18 / 192	
10	22	231	323	5	32 / 12	20 / 210	295	770	596	5	295 / 2)285	20 / 212	
11	11	473	312	5	21 / 2)11	20 / 230	289	617	590	5	299 / 279	20 / 232	
12	27	224	328	5	36 / 18	18 / 248	263	280	564	5	272 / 254	18 / 250	
	+ 551	194					3216	949					
BM 209-6A							+ 551	194					
							− 2665	755					
												248 / 498	BM 209-6A BOUQUET CYN RD 3.0 MI S.W. OF ELIZABETH LAKE RD. FB 3734-24

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST 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 R.L. STRADER
NOTES BY PETERSON DATE 6 DEC 72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLOUDY & WINDY
TIME 13:40-14:30
NOTES CHIEF RAINE MIYATA DATE 3 JAN 73
F.B. 4132 PG. 215
INST. NO. 75234
ROD NO. 2139

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-7									FROM BM209-7 TO BM ~~210~~ 209-7A
1	34	043	335 5	41 27 14	206	027	507 5	213 199 14	BM209-7
2	21	548	322 5	30 12 18	221	262	522 5	230 212 18	BOQUET CN. RD. 3.25 MI. S.W. OF ELIZABETH LAKE RD. W. SIDE
				32				32	F.B. 3734-25
3	20	807	321 5	30 10 20	211	868	512 5	221 201 20	
				52				52	
4	50	718	351 5	59 41 18	195	402	496 5	204 186 18	
				70				70	
5	~~13~~ 12	948	313 5	(1/2) 25 12 26	280	790	581 5	292 268 24	⊼ ANDERSON
				96				94	
6	11	470	312 5	20 2 18	271	292	572 5	280 262 18	
				114				112	
7	15	952	316 5	21 9 12	250	255	551 5	256 244 12	
				126				124	
8	22	335	323 5	28 16 12	232	798	533 5	238 226 12	
				138				136	
9	18	190	319 5	25 11 14	266	842	567 5	274 258 16	
				152				152	
10	15	132	316 5	23 7 16	219	829	520 5	227 211 16	
				168				168	
11	11	940	312 5	20 2 18	214	083	515 5	223 205 18	
+	235	083		186	2570	448		186	
				+	235	083		186	
BM209-7A				-	2335	365		372	BM209-7A
									BOQUET CN. RD. 3.45 MI S.W'LY ELIZABETH LAKE RD. S'LY SIDE F.B. 3734-27

T=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
BM 209-7A									FROM BM 209-7A TO BM 209-7
1	234	592	535 5	244 224 20	31	140	332 5	42 20 22	BM 209-7A
2	258	813	559 5	266 250 16 36	14	312	315 5	22 6 16 38	BOUQUET CN. RD. 3.45 MI. S.W'LY OF ELIZABETH LAKE RD. F.B. 3734-27 SILYSIDE
3	268	548	569 5	276 260 16 52	14	442	315 5	21 7 14 52	
4	278	882	579 5	286 270 16 68	23	940	324 5	30 16 14 66	
5	251	518	552 5	258 244 14 82	24	372	325 5	31 17 14 80	ANDERSON
6	276	798	577 5	286 266 20 102	14	938	315 5	25 3 22 102	
7	235	674	536 5	244 226 18 120	53	672	354 5	62 44 18 120	
8	241	332	542 5	255 227 28 148	22	182	323 5	36 8 28 148	
9	233	962	534 5	243 223 20 168	23	882	324 5	33 13 20 168	
10	246	428	547 5	256 236 20 188	39	338	340 5	49 29 20 188	
11	184	846	485 5	189 179 10 198	113	967	414 5	118 108 10 198	
	+ 2711	393			376	185		198	
	− 376	185						198	
BM 209-7	+ 2335	208						396	BM 209-7
									BOUQUET CN RD 3.25 MI. S.W'LY OF ELIZABETH LAKE RD F.B. 3734-25

T=40°

F.B. 4132 PG. 216

JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 12 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & BREEZY INST. NO. 75234

TIME 13:50 - 14:40 ROD NO. 2139 AA

NOTES CHK LARAINE MIYATA DATE 3 JAN 73

76P526 CE # 308 3-61

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

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

Do not extend 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
B.M. 209-7A									FROM B.M. 209-7A TO B.M. 209-8
1	105	780	466 5	119 / 91 28	282	942	583 5	295 / 269 26	B.M. 209-7A
2	31	611	332 5	45 / 17 28	282 / ~~281~~	032	583 5	296 / 268 28	BOUQUET CYN. RD., 3.45 mi. S.W.'ERLY OF ELIZABETH LAKE RD.
3	17	720	318 5	31 / 3 56 / 28	289	308	590 5	289 / 276 ½ 54 / 26	F.B. 3734-27 S'LY SIDE
4	21	291	322 5	36 / 6 84 / 30	282	269	583 5	296 / 268 80 / 28	
5	45	410	346 5	56 / 34 114 / 22	298	620	599 5	298 / 284 ½ 108 / 28	π = RODRIGUEZ
6	14	932	315 5	27 / 14 136 / ½ 26	288	728	589 5	301 / 275 136 / 26	
7	36	220	337 5	48 / 24 162 / 24	270	470	571 5	282 / 258 162 / 24	
8	21	350	322 5	34 / 8 186 / 26	272	262	573 5	285 / 259 186 / 26	
+	294	314		212	2266	631		212	
B.M. 209-8					+ 294	314		212	B.M. 209-8
					− 1972	317		424	BOUQUET CYN. RD., 3.75 mi. S.W.'ERLY OF ELIZABETH LAKE RD.
									F.B. 3734-29 SOUTH SIDE

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R. ANDERSON DATE 6-DEC.'72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLOUDY & CALM
TIME 14:50 – 15:20
NOTES CHKD. LORAINE MIYATA DATE 3 JAN 73
INST. NO. 75239
ROD NO. 2139A-B
F.B. 4132 PG. 217
T = 40°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 4132 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY STROBEL NOTES ANDERSON DATE: 12-DEC. '72

INDEXED G. D. BAILEY DATE

WEATHER CLOUDY & WIND TIME 13:15-13:45 NOTES CHK LARAINE MIYATA

INST. NO. 75234 ROD NO. 2139 A-B DATE: 3 JAN 73

T = 440

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 209-8 TO B.M. 209-7A
B.M. 209-8					298						26		B.M. 209-8
1	283	612	584	5	268	30	11	558	312	5	11 ½	30	BOUQUET CYN. RD. 3.75 MI.
					286			710			49		S.W.'ERLY OF ELIZABETH LAKE RD.
2	274	002	575	5	262	24	37	~~709~~	338	5	25	24	F.B. 3734-29 SOUTH SIDE
					300	54					37	54	
3	287	550	588	5	274	26	25	812	326	5	13	24	
					287	80					49	78	
4	275	730	576	5	263	24	37	390	338	5	25	24	T = RODRIGUEZ
					297	104					53	102	
5	283	760	584	5	269	28	40	788	341	5	27	26	
					292	132					25	128	
6	292	782	593	5	278 ½	28	10	800	311	5	10 ½	30	
					292	160					39	158	
7	292	858	593	5	278 ½	28	25	191	326	5	11	28	
					293	188					136	186	
8	293	270	594	5	279 ½	28	122	040	423	5	108	28	
	+2283	564				216	311	289				214	
B.M. 209-7A	311	289										216	B.M. 209-7A
	+1972	275										430	BOUQUET CYN. RD. 3.45 MI.
													S.W.'ERLY OF ELIZABETH LAKE RD.
													F.B. 3734-27 SOUTH SIDE

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE 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. 209-8 TO B.M. 209-8A
B.M. 209-8									B.M. 209-8
1	55	062	356 5	70 40 30	274	790	575 5	288 260 28	BOUQUET CYN. RD., 3.75 MILES
2	19	390	320 5	30 8 22	299	718	600 5	299 286 ½ 26	SW'LY OF ELIZABETH LAKE ROAD
				52				54	F.B. 3734-29
3	12	170	313 5	24 12 ½ 24	281	490	582 5	292 270 22	⊼ = RODRIGUEZ
				76				76	
4	10	672	311 5	24 10 ½ 28	126	872	427 5	140 112 28	
+	97	294		104	982	870		104	
				+	97	294		104	
				-	885	576		208	
B.M. 209-8A									B.M. 209-8A
									BOUQUET CYN. RD., 3.85 MILES
									SW'LY OF ELIZABETH LAKE ROAD
									F.B. 3734-30

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

SURVEY BY R.L. STRADER

NOTES BY P. ANDERSON DATE 18-DEC-72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:50-11:10 ROD NO. 2139A

NOTES CHK'D DRAINE MIYATA DATE 3 JAN 73

T. = 52°

F.B. 4132 PG. 219

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 209-8A TO B.M. 209-8
B.M. 209-8A													B.M. 209-8A
1	205	432	506	5	215 195	20	91	932	392	5	101 81	20	BOUQUET CYN. RD., 3.85 MILES
2	299	790	600	5	299 286 1/2	26	17	240	318	5	27 7	20	SW'LY OF ELIZABETH LAKE ROAD
3	268	339	569	5	278 258	46 20	22	939	323	5	35 9	40 26	F.B. 3734-30
4	279	500	580	5	292 266	66 26	35	610	336	5	48 22	66 26	
+	1053	060				92	167	721				92	
−	167	721										92	π = RODRIGUEZ
+	885	339										184	
B.M. 209-8													B.M. 209-8
													BOUQUET CYN. RD., 3.75 MILES
													SW'LY OF ELIZABETH LAKE ROAD
													F.B. 3734-29

F.B. 4132 PG. 220 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 12-DEC '72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & BREEZE INST. NO. 75234

TIME 11:45-12:00 ROD NO. 2139 A-B

NOTES CHKD. [illegible] MIYATA DATE 3 JAN '73

T ~ 400

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 209-8A TO B.M. 209-8
B.M. 209-8A					118						38		B.M. 209-8A
1	105	270	406	5	92	26	27	793	328	5	16	22	BOUQUET CYN. RD., 3.85 MI.
					273		12				24		SW'LY OF ELIZABETH LAKE RD.
2	264	190	565	5	255	18	~~11~~	010	313	5	0	24	F.B. 3734-30 SOUTH SIDE
					291	44					44	46	
3	291	602	592	5	280 ½	22	33	502	334	5	22	22	T = RODRIGUEZ
					288	66					109	68	
4	277	108	578	5	266	22	97	030	398	5	85	24	RERUN
					244	88					124	92	
5	235	561	536	5	226	18	117	840	418	5	110	14	
	+ 1173	731				106	288	175				106	
B.M. 209-8	- 288	175										106	B.M. 209-8
	+ 885	556										212	BOUQUET CYN. RD., 3.75 MI
													SW'LY OF ELIZABETH LAKE RD,
													F.B. 3734-29 SOUTH SIDE

$T_1 = 5^{40}$

F.B. 4132 PG. 222 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE 18-DEC.72 WEATHER CLEAR & BREEZE INST. NO. 75234

INDEXED G.D. BAILEY DATE DEC 21 1972 TIME 13:15 - 13:30 ROD NO. 2139 A.B

NOTES CHK DARAINE MIYATA DATE 3 JAN 73

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 R.L. STRADER NOTES BY R. RODRIGUEZ DATE 18 - DEC. '72 WEATHER CLEAR & WINDY INST. NO. 76234

INDEXED G.D. BAILEY DATE DEC 21 1972 TIME 11:15 - 12:00 ROD NO. 27 & 28

NOTES CHK BARAINE MIYATA DATE JAN 73

T = 50°

F.B. 4132 PG. 223

STATION	BACKSIGHT Right	Mic.	Left		Stadia	FORESIGHT Right	Mic.	Left		Stadia	DESCRIPTION AND REMARKS
											FROM B.M. 209-8A TO B.M. 209-9
B.M. 209-8A					68					295	B.M. 209 - 8A
1	54	210	355	5	40 28	282	741	583	5	269 26	BOUQUET CYN. RD. 3.85 MI.
					24					299	SW'LY OF ELIZABETH LAKE RD.
2	12	410	313	5	0 ½ 24	299	660	600	5	285 ½ 28	F.B. 3734-30
					58 52					272 54	
3	45	189	346	5	32 26	259	078	560	5	246 26	
					31 78					293 80	
4	18	970	319	5	5 26	281	120	582	5	269 24	
					38 104					291 104	T = RODRIGUEZ
5	26	631	327	5	14 24	291	960	592	5	278 ½ 26	
					34 128					299 130	
6	22	701	323	5	10 24	285	678	586	5	271 28	
					54 152					245 158	
7	42	110	343	5	30 24	236	540	537	5	227 18	
					31 176	286				286 176	
8	11	870	312	5	11 ½ 40	~~287~~	960	587	5	266 ½ 40	
					26 216					267 216	
9	15	780	316	5	4 22	256	320	557	5	245 22	
					40 238					292 238	
10	27	730	328	5	14 26	279	710	580	5	266 26	
					23 264					289 264	
11	21	350	322	5	9 24	277	050	578	5	265 24	
					51 288					269 288	
12	41	190	342	5	31 20	258	850	559	5	297 22	
+	340	141			308	3295	667			310	
B.M. 209-9						+ 340	141			308	B.M. 209-9
						- 2955	526			618	BOUQUET CYN. RD. 4.25 MI. S.W'ERLY OF ELIZABETH LAKE RD.
											F.B. 3734-31 NORTH SIDE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
B.M. 209-9	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM B.M. 209-9 TO B.M. 209-8A
1	299	770	600	5	299 / 289 ½ / 20	29	301	330	5	39 / 19 / 20	B.M. 209-9
2	292	560	593	5	292 / 280 ½ / 24 / 44	39	160	340	5	51 / 27 / 24 / 44	BOUQUET CYN. RD., 4.25 MI. S.W'ERLY OF ELIZABETH LAKE RD. F.B. 3734-31 NORTH SIDE
3	268	272	569	5	280 / 256 / 24 / 68	12	500	313	5	26 / 12 ½ / 28 / 72	
4	295	820	596	5	295 / 280 ½ / 30 / 98	20	760	321	5	35 / 5 / 30 / 102	46
5	284	480	585	5	300 / 268 / 32 / 130	31	062	332	5	~~47~~ / ~~17~~ / 30 / 132	16
6	281	310	582	5	296 / 266 / 30 / 160	10	708	311	5	24 / 10 ½ / 28 / 160	⊼ = RODRIGUEZ
7	299	132	600	5	299 / 286 ½ / 26 / 186	12	270	313	5	24 / 0 / 24 / 184	
8	288	872	589	5	300 / 276 / ~~24~~ / 210	16	028	317	5	28 / 4 / 24 / 208	
9	274	600	575	5	286 / 262 / 24 / 234	45	122	346	5	57 / 33 / 24 / 232	
10	271	542	572	5	294 / 258 / 26 / 260	11	260	312	5	25 / 11 ½ / 28 / 260	
11	289	203	590	5	301 / 277 / 24 / 284	50	110	351	5	62 / 38 / 24 / 284	
12	295	339	596	5	295 / 286 ½ / 18 / 302	206	920	507	5	216 / 196 / 20 / 304	
	+3440	900				485	201				
B.M. 209-8A	-485	201								302	B.M. 209-8A
	+2955	699								606	BOUQUET CYN. RD., 3.85 MILES SW'LY OF ELIZABETH LAKE ROAD. F.B. 3734-30

T = 38°

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:55 - 11:40 ROD NO. 2139A-B

NOTES CHILD LARAINE MIYATA DATE 3 JAN '73

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 12-DEC. '72

INDEXED G. D. BAILEY DATE

F.B. 4132 PG. 224

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible] HIS SHEET MUST BE MADE OR [illegible]LED 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
Bm ~~210~~ 209-9									FROM ~~BM 210~~ 209-9 TO BM 209-9A
1	235	428	536 5	247 223 24	270	983	571 5	282 258 24	Bm 210-9
									BOUQUET CN. RD. 4.25 MI.
2	14	911	315 5	23 5 18	272	119	573 5	282 262 20	S.W. LY OF ELIZABETH LAKE RD.
				42				44	64' N. OF ℄ PAVEMENT
3	21	913	322 5	31 11 20	296	036	597 5	(½) 296 285 22	F.B. 3734-31
				62				66	
4	28	167	329 5	39 17 22	270	100	571 5	281 259 22	
				84				88	
5	39	051	340 5	52 26 26	264	239	565 5	275 253 22	⊼ STRADER
				110				110	
6	17	160	318 5	(½) 33 17 32	298	840	599 5	(½) 298 285 30	
				142				140	
7	21	777	322 5	37 5 32	283	033	584 5	299 267 32	
				174				172	
8	24	330	325 5	40 8 32	300	~~682~~ 660	601 5	(½) 300 284 32	
				206				204	
9	17	331	318 5	30 4 26	296	248	597 5	(½) 296 283 26	
				232				230	
10	22	934	323 5	37 7 30	277	823	578 5	293 261 32	
				262				262	
11	129	791	430 5	134 124 10	108	649	409 5	113 103 10	BM 209-9A
	+572	793		272	2938	730		272	BOUQUET CN. RD 4.6 mi.
					+572	793		272	S.W. LY OF ELIZABETH LAKE RD.
BM 209-9A					-2365	937		544	LEAD & RD. DEPT TAG IN ROCK
									'S OF PVMT ℄
									F.B. 3734-32

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

SURVEY BY R.L. STRADER

NOTES BY PETERSON DATE 7 DEC 72

INDEXED G.D. BAILEY DATE DEC 21 1972

WEATHER OVERCAST & CALM

TIME 09:20-09:55

NOTES CHK LARAINE MIYATA DATE 3 JAN 73

INST. NO. 75234

ROD NO. 21 89 NO

F.B. 4132 PG. 225

T=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
BM209-9A									FROM BM209-9A TO BM209-9
1	177	656	478 5	190 164 26	53	320	354 5	67 39 28	BM 209-9A
2	282	448	583 5	296 268 28	12	834 ~~814~~	313 5	2) 26 12 28	BOUQUET CYN RD 4.6 MI S.W OF ELIZABETH LAKE RD.
				54				56	FB 3734-32
3	258	809	559 5	268 248 20	61	043	362 5	71 51 20	
				74				76	✱ STRADER.
4	265	815	566 5	278 252 26	52	031	353 5	64 40 24	
				100				100	
5	262	260	563 5	276 248 28	40	860	341 5	54 26 28	
				128				128	
6	280	565	581 5	294 266 28	34	638	335 5	47 21 26	
				156				154	
7	275	302	574 5	288 262 26	42	807	343 5	55 29 26	
				182				180	
8	299	209	600 5	2) 299 283 32 ~~30~~	12	480	313 5	2) 27 12 30	
				214				210	
9	280	248	581 5	289 271 18	18	391	319 5	29 7 22	
				232				232	
10	296	060	597 5	2) 296 287 18	30	891	331 5	39 21 18	
				250				250	
11	283	093	584 5	296 270 26	235	510	536 5	248 222 26	
	+ 2961	465		276	594	805		276	
	− 594	805						276	
BM209-9	+ 2366	660						552	BM 209-9
									BOUQUET CYN RD 4.25 MI S.W. OF ELIZABETH LAKE RD FB 3734-31

F.B. 4132 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 11 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR WINDY INST. NO. 75234

TIME 14:25-14-15 ROD NO. 2139HB

NOTES CHK. DRAINE MIYATA DATE 3 JAN 73

T=32°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-9	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-9 TO BM209-9A
1	233	710	534	5	243 221	24	292	982	593	5	3) 292 278	28	BM209-9
2	11	987	312	5	2) 21 11	20	261	790	562	5	270 252	18	BOUQUET CYN RD, 4.25 MI S.W of ELIZABETH LAKE RD,
						44						46	
3	24	574	325	5	34 14	20	289	572	590	5	300 278	22	FB. 3734-31
						64						68	⊼ STRADER
4	18	951	319	5	30 6	24	265	382	566	5	275 255	20	
						88						88	
5	18	932	319	5	33 3	30	296	368	597	5	2) 296 281	30	
						118						118	
	13	656	314	5	2) 28 13	30	295	245	596	5	2) 295 279	32	
						148						150	
7	12	951	313	5	2) 29 12	34	294	677	595	5	2) 294 277	34	RERUN
						182						184	
8	11	848	312	5	2) 27 11	32	301	220	602	5	2) 301 287	28	
						214						212	
9	11	080	312	5	2) 24 11	26	282	140	583	5	295 269	26	
						240						238	
10	48	494	349	5	62 34	28	192	535	493	5	207 177	30	
+	406	183				268	2771	911				268	
						+	406	183				268	
BM209-9A						−	2365	728				536	BM 209-9A BOUQUET CYN RD 4.6 MI S.W of ELIZABETH LAKE RD. FB 3734-32

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY RODRIGUEZ DATE 15 DEC-72
INDEXED G. D. BAILEY DATE DEC 21 1972
WEATHER OVERCAST TIME 14:40-15:15
NOTES CHARAINE MIYATA DATE 3 JAN 73
INST. NO 75234
ROD NO 2139A6
F.B. 4132 PG. 227
40° 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
BM209-9A									FROM BM209-9A TO BM209-9
1	206	445	507 5	222 190 32	13	189	314 5	(½) 31 13 36	BM209-9A
2	297	259	598 5	(½) 297 283 28 60	14	941	315 5	(½) 26 14 24 60	BOUQUET CN. RD. 4.6 MI. S.W. OF ELIZABETH LAKE RD (RD. DEPT. L&T)
3	276	272	577 5	289 263 26 86	35	115	336 5	48 22 26 86	F.B. 3734-32
4	269	957	570 5	283 255 28 114	39	125	340 5	53 25 28 114	⊼ STRADER
5	273	950	574 5	287 259 28 142	15	356	316 5	(½) 30 15 30 144	
6	288	757	589 5	(½) 288 273 30 172	15	962	316 5	(½) 30 15 30 174	
7	286	711	587 5	300 272 28 200	11	981	312 5	(½) 25 11 28 202	
8	294	448	595 5	(½) 294 283 22 222	11	411	312 5	(½) 22 11 22 224	
9	263	871	564 5	271 255 16 238	22	971	323 5	31 13 18 242	RERUN
10	295	907	596 5	(½) 295 279 32 270	208	087	509 5	221 195 26 268	
+	2753	577			388	138		270	
−	388	138						538	
+	2365	439							
BM209-9									BM209-9 BOUQUET CN. RD. 4.25 MI S.W. OF ELIZABETH LAKE RD F.B. 3734-31

T=34

CLEAR & CALM

WEATHER CALM INST. NO. 75234

TIME 09:55-10:45 ROD NO. 2139 AB

NOTES CHK. DARAINE MIYATA DATE 3 JAN 73

JOB NO. 030102

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 12 DEC 72

INDEXED G.D. BAILEY DATE

F.B. 4132 PG. 228 278

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
BM209-9A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM209-9A TO BM209-9
1	224	949	525	5	243 205	38	10	023	311	5	28 2)10	36	BM 209-9A
2	299	583 ~~636~~	600	5	299 2)285	28	10	408	311	5	23 2)10	26	BOUQUET CYN RD. 4.6MI S.W of ELIZABETH LAKE RD.
						66						62	
3	272	701	573	5	285 259	26	25	563	326	5	40 10	30	FB 3734-32
						92						92	
4	278	648	579	5	293 263	30 ~~60~~	21	750	322	5	36 6	30	~~A~~ PETERSON
						152						122	
5	288	703	589	5	288 2)273	30	17	871	318	5	32 2	30	
						152						152	
6	288	143	589	5	288 2)273	30	22	966	323	5	37 7	30	
						182						182	
7	301	338	602	5	301 2)287	28	13	571	314	5	26 2)13	26	
						210						208	RE-RERUN
8	297	261	598	5	297 2)286	22	16	093	317	5	27 5	22	
						232						230	
9	293	689	594	5	293 2)283	20	14	686	315	5	25 3	22	
						252						252	
10	263	568	564	5	273 253	20	289	703	590	5	300 278	22	
	+ 2808	583				272	442	634				274	
BM209-9	- 442	634										272	BM209-9
	+ 2365	949										546	BOUQUET CYN RD. 4.25MI S.W of ELIZABETH LAKE RD.
													FB3734-31

T=46°

WEATHER Clear-Wind INST. NO. 75234

TIME 13:55 14:40 ROD NO. 2139AB

NOTES CHK. DARAINE MIYATA DATE 3 JUN 78

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 18 Dec 72

INDEXED G.D. BAILEY DATE DEC 21 1972

F.B. 4132 PG. 330 ~~280~~

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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
BM 209-9A									FROM BM 209-9A TO BM 209-10
1	95	827	396 5	104 86 18	226	169	527 5	235 217 18	BM 209-9A BOUQUET CN. RD 4.6 MI. S.W.'LY OF ELIZABETH LAKE RD. LEAD & RD. DEPT. TAG IN ROCK 'S OF PVMT ℄
2	37	~~151~~ 182	338 5	59 15 44 62	299	510	600 5	(½) 299 279 40 58	
3	17	229	318 5	(½) 39 17 44 106	290	~~312~~ 369	591 5	(½) 290 267 46 104	
4	14	431	315 5	(½) 39 14 50 156	300	895	601 5	(½) 300 276 48 152	
5	50	304	351 5	74 26 48 204	296	003	597 5	(½) 296 271 50 202	⊼ STRADER
6	26	~~659~~ 682	327 5	(½) 50 26 48 252	298	039	599 5	(½) 298 274 48 250	
7	194	289	495 5	200 188 12	123	131	424 5	131 115 16	
	+ 435	944		264	1834	116		266	
					+ 435	944		264	
					− 1398	172		530	
BM 209-10									BM 209-10 BOUQUET CN. RD. 4.75 MI. S.W.'LY OF ELIZABETH LAKE RD. 37' S. OF ℄ ROAD PAVEMENT F.B. 3734-33

JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET
SURVEY BY R. L. STRADER
NOTES BY PETERSON DATE 7 DEC 72
INDEXED G. D. BAILEY DATE DEC 21 1972
WEATHER CLOUDY & CALM
TIME 09:55
NOTES CHK DARAINE MIYATA DATE 3 JAN 73
INST. NO. 752-34
ROD NO. 2139A6
F.B. 4132 PG. 231 ~~234~~
T-40°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-10	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-10 TO BM 209-9A
1	157	773	458	5	174 / 140	34	56	617	357	5	73 / 39	34	BM 209-10
2	286	786	587	5	2) 286 / 262	48 / 82	27	801	328	5	51 / 3	48 / 82	BOUQUET CYN RD 4.75 MI S.W. of ELIZABETH LAKE RD FB. 3734-33
3	275	809	576	5	298 / 252	46 / 128	26	476	327	5	49 / 3	46 / 128	⊼ STRADER.
4	293	821	594	5	2) 293 / 269	48 / 176	16	762	317	5	2) 40 / 16	48 / 176	
5	281	803	582	5	2) 281 / 260	42 / 218	21	602	322	5	2) 43 / 21	44 / 220	
6	277	999	578	5	296 / 258	38 / 256	31	541	332	5	50 / 12	38 / 258	
7	128	712	429	5	136 / 120	16 / 272	123	326	424	5	130 / 116	14 / 272	
+	1702	703					304	125					
−	304	125										272	
BM 209-9A +	1398	578										544	BM 209-9A (RD. DEPT) LIT BOUQUET CYN RD 4.6 MI S.W. of ELIZABETH LAKE RD FB. 3734-32

F.B. 4132 PG. 232 ~~282~~ JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES RODRIGUEZ 11 DEC-72

INDEXED G.D. BAILEY DATE

WEATHER Clear-Windy INST. NO. 75234

TIME 13:55-14:25 ROD NO. 2189AB

NOTES CHECK LARAINE MIYATA DATE 3 JAN 73

TE 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM209-10									FROM BM209-10 TO BM209-9A
1	154	102	455 5	170 138 32	64	391	365 5	80 48 32	BM 209-10
2	263	653	564 5	282 244 38	61	512	362 5	79 43 36	BOUQUET CN. RD. 4.75 MI. S.W. OF ELIZABETH LAKE RD
				70				68	F.B. 3734-33
3	272	840 ~~802~~	573 5	297 247 50	12	578	313 5	(½) 37 12 50	
				120				118	
4	285	483	586 5	(½) 285 262 46	13	099	314 5	(½) 36 13 46	
				166				164	⊼ STRADER
5	283	354	584 5	(½) 283 261 44	24	741	325 5	(½) 47 24 46	
				210				210	
6	273	432	574 5	291 255 36	22	594	323 5	(½) 41 22 38	
				246				248	
7	189	649	490 5	196 182 14	125	295	426 5	131 119 12	RERUN
	+1722	513		260	324	210		260	
	- 324	210						260	
	+1398	303						520	
BM 209-9A									BM 209-9A
									BOUQUET CN. RD. 4.6 MI. S.W. OF ~~[illegible]~~ ELIZABETH LAKE RD (RD. DEPT L & T)
									F.B. 3734-32

WEATHER CLEAR & CALM INST. NO. 75234

TIME 09:25-09:55 ROD NO. 2139AB

NOTES CHECK LARAINE MIYATA DATE 3 JAN '73

T=34

F.B. 4132 PG. 334 ~~284~~ JOB NO. 0301102

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 12 DEC 72

INDEXED G.D. BAILEY DATE DEC 21 1972

76P526B CE # 308 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RODRIGUEZ STRADER DATE 7 DEC 72 TIME 10:30 AM 11:05 WEATHER [illegible] INST. NO. 75234
NOTES BY RODRIGUEZ DATE DEC 21 1972 ROD NO. 2139148
INDEXED G.D. BAILEY DATE NOTES CHK. LORAINE MIYATA DATE 3 JAN 73
F.B. 4132 P.G. 235

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM209-10													From BM209-10 to BM 209-11
1	92	681	393	5	100 / 84	16	191	672	492	5	199 / 183	16	BM209-10
2	40	157	341	5	62 / 18	44	263	191	564	5	286 / 240	46	BOUQUET CYN RD 4.75 MI S.W OF LAKE ELIZABETH RD.
3	26	977	327	5	48 / 4	60 / 44	267	869	568	5	286 / ~~268~~ / 248	62 / 38	FB 3734-33
4	39	153	340	5	41 / 17	104 / 44	281	668	582	5	281 / ~~282~~ / 2) 256	100 / 50	↑ PETERSON
5	38	257	339	5	63 / 13	148 / 50	271	591 / ~~553~~	572	5	295 / 247	150 / 48	
	26	312	327	5	51	198 / 50	293	917	594	5	293 / 2) 268	198 / 50	
7	18	853	319	5	44 / 2) 18	248 / 52	275	532	576	5	275 / 2) 249	248 / 52	
8	94	498	395	5	113 / 75	300 / 38	258	861	559	5	277 / 239	300 / 38	
	+ 376	888				338	2104	301				338	
							+ 376	888				338	
BM209-11							− 1727	413				676	BM 209-11 BOUQUET CYN RD 5.25 MI S.W OF ELIZABETH LAKE RD FB 209-11

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-11													FROM BM209-11 TO BM209-10
1	257	804	558	5	273 239	36	98	778	399	5	116 80	36	BM 209-11
2	266	199	567	5	291 241	50	20	874	321	5	45 2)20	50	BOUQUET CYN RD 5.25 MI
						86						86	S.W. of ELIZABETH LAKE RD
3	292 ~~292~~	103	593	5	2)292 267	50	29	593	330	5	53 5	48	FB. 209-11
						136						134	⊼ PETERSON
4	273	541	574	5	299 247	52	34 ~~24~~	578	325	5	60 8	52	
						188						186	
5	272	480	573	5	295 249	46	34	473	335	5	58 10	48	
						234						234	
6	296	233	597	5	2)296 271	50	16	346	317	5	39 2)16	46	
						284						280	
7	270 ~~269~~	503	571	5	295 245	50	20	539	321	5	46 2)20	52	
						334						332	
8	142	630	443	5	147 137	10	88	739	389	5	93 83	10	
	+ 2071	493				344	~~343~~	~~919~~				342	
	− 343	919					−343	920				344	
	+ ~~1727~~	~~574~~										686	
BM209-10													BM 209-10
	+ 2071	493											BOUQUET CYN RD 4.75 MI
	− 343	920											S.W. of ELIZABETH LAKE RD
	+ 1727	573											FB 3734-33

F.B. 4132 PG. 236 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RLS NOTES RODRIGUEZ 11 DEC 72

INDEXED G. D. BAILEY DATE

WEATHER Clear-Windy INST. NO. 75234

TIME 1300 - 1350 ROD NO. 2139 MB

NOTES CHK. LARAINE MIYAMATE 3 JAN 73

T = 32°

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. RODRIGUEZ J. TRAMDEZ DATE 7 DEC 72 WEATHER Overcast INST. NO. 25234

NOTES BY DATE TIME 11:10-11:40 ROD NO. 2292 NB

INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CH. LARAINE MIYATA DATE 3 JAN 73

F.B. 4132 PG. 237

T=40°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM209-11													FROM BM209-11 TO BM209-11A
1	125	601	426	5	137 113	24	207	883 ~~917~~	508	5	219 195	24	BM 209-11
2	46	622	347	5	72 20	52	261	739 ~~714~~	562	5	287 235	52	BOUQUET CYN RD. 5.25 MI S.W. OF ELIZABETH LAKE RD.
						76						76	~~FB 209-11~~ FB 3734-35
3	41	092	342	5	66 16	50	280	500	581	5	280 256	48	
						126						124	T.C. PETERSON
4	17	880	318	5	42 17	50	264	123	565	5	289 239	50	
						176						174	
5	48	832	349	5	73 23	50	260	718	561	5	286 234	52	
						226						226	
	39	799	340	5	65 13	52	186	486	487	5	212 160	52	
						278						278	
7	163	848	464	5	174 152	22	117 ~~118~~	945	418	5	128 106	22	
	+ 483	674				300	1579	396				300	
							+ 483	674				300	
BM209-11A						-	1095	722				600	BM 209-11A BOUQUET CYN RD. ~~5.25 MI SW of~~ 0.8 MI East of SPUNKY CYN RD. W. of HSE # 36841. FB. 3734-37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM209-11A	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM209-11A TO BM209-11
1	121	847	422	5	140 102	38	186	165	487	5	205 167	38	BM209-11A
2	257	822	558	5	280 234	46	45	828	346	5	69 21	48	BOUQUET CYN Rd. 0.8 MI
						84						86	E. of SPUNKY CYN RD
3	252	800	553	5	278 226	52	35	272 ~~256~~	336	5	60 10	50	W. of HSC# 36841
						136						136	FB 3734-37
4	277 ~~278~~	822	578	5	2) 277 251	52	11	688	312	5	2) 37 11	52	⊼ PETERSON
						188						188	
5	259	865	560	5	284 234	50	42	988	343	5	66 18	48	
						238						236	
6	242	632	543	5	265 219	46	47	408	348	5	71 23	48	
						284						284	
7	189	411	490	5	197 181	16	136	896	437	5	145 127	18	
	+ 1602	199				300	506	245				302	
	− 506	245										300	
	+ 1095	954										602	
BM209-11													BM209-11
													BOUQUET CYN RD 5.25 MI
													S.W. of ELIZABETH LAKE
													RD.
													~~FB 209-11~~ FB 3734-35

F.B. 4132 PG. 238 JOB NO. 0301.02

SURVEY OF L.A. Co PRECISE LEVEL NET

SURVEY BY RLS NOTES ROARIQUEZ 11-DEC-72

INDEXED G. D. BAILEY DATE

WEATHER Clear Winds INST. NO. 75234

TIME 11:25-12:05 ROD NO. 2139 [illegible]

NOTES CHK. LARAINE MIYATA DATE 3 JAN 73

T=32°

76P526 CE # 308 3-61

PLEASE RETURN TO
L[illegible] ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]LED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
BM 209-11A	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 209-11A TO BM 209-12
1	26	742	327	5	34 18	16	273	938	574	5	281 265	16	BM 209-11A BOUQUET CYN. RD., 0.8 MI.
2	32	390	333	5	56 8	48	275	261	576	5	300 250	50	E'LY OF SPUNKY CYN. RD.
						64						66	@ TROUTVILLE FIRE STATION
3	73 ~~74~~	982 ~~000~~	374 ~~375~~	5	9~~1~~8 4~~1~~8	50	288	788	589	5	288 ½ 262 ½	52	F.B. 3734-37
						114						118	
4	49	460	350	5	74 24	50	253	240	554	5	276 230	46	
						164						164	
5	42	310	343	5	67 17	50	299	530	600	5	299 271 ½	56	⊼ R. RODRIGUEZ
						214						220	
6	209	139	510	5	219 199	20	63	501	364	5	70 56	14	
+	434	023				234	1454	258				234	
						+	434	023				234	
						-	1020	235				468	
BM 209-12													BM 209-12 BOUQUET CYN. RD., 0.6 MI. E'LY OF SPUNKY CYN. RD. F.B. 3734-39

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER
NOTES BY R.L.S. DATE DEC. 7, '72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLOUDY-CALM
TIME 13:05-13:30
NOTES CHK. DARAINE MIYATA DATE 3 JAN 73
INST. NO 75234
ROD NO 2139A-B
T = 42°
F.B. 4132 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM B.M. 209-12 TO B.M. 209-11A
B.M. 209-12		999			90						127		B.M. 209-12
1	82	~~100~~	383	5	74	16	119	480	420	5	111	16	BOUQUET CYN. RD., 0.6 MI.
					294						80		E'LY OF SPUNKY CYN. RD.
2	271	198	572	5	248	46	58	939	359	5	36	44	F.B. 3734-39 - SOUTH SIDE
					278	62					54	60	
3	253	380	554	5	228	50	30	600	331	5	6	48	
					284	112					41	108	
4	256	861	557	5	228	56	11	119	312	5	11 1/2	60	$\overline{\wedge}$ = RODRIGUEZ
					278	168					~~46~~ 51	168	
5	278	112	579	5	252 1/2	52	25	409	326	5	25 1/2	52	
					203	220					80	220	
6	190	460	491	5	177	26	67	150	368	5	54	26	
	+1333	010				246	312	697				246	
B.M. 209-11A	312	697										246	B.M. 209-11A
	+1020	313										492	BOUQUET CYN. RD., 0.8 MI.
													E'LY OF SPUNKY CYN. RD.
													@ TROUTVILLE FIRE STATION
													F.B. 3734-37

T. = 28°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 10:45-11:20 ROD NO. 2139 A.B

NOTES CHK. LARAINE MIYATA DATE 3 JAN '73

F.B. 4132 PG. 240 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY STRADER NOTES ANDERSON DATE: 11-DEC. '72

INDEXED G.D. BAILEY DATE

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CHECKED 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 R.L.S. STRADER
NOTES BY R.L.S. DATE DEC. 7, 72 WEATHER CLOUDY-CALM INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHECKED LORAINE MIYATA DATE 3 JAN 73 ROD NO. 2139 A-E
T = 42°
F.B. 4132 PG. 241

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
BM 209-12													FROM BM 209-12 TO BM 209-13
1	13	065	314	5	23 / 3	20	214	811	515	5	224 / 204	20	BM 209-12
2	36	550	337	5	61 / 11	50	245	870	546	5	269 / 221	48	BOUQUET CYN. RD., 0.6 MI.
						70						68	E'LY OF SPUNKY CYN. RD.
3	83	910	384	5	108 / 58	50	202	420	503	5	227 / 177	50	F.B. 3734-39
						120						118	
4	16	560	317	5	34 / 16 ½	36	293 / 279	541	594	5	293 ½ / 279	28	
						156						146	
5	29	490	330	5	44 / 14	30	281	698	582	5	281 ½ / 261	40	T R. RODRIGUEZ
						186						186	
6	41	070	342	5	66 / 16	50	219	449	520	5	244 / 194	50	
						236						236	
7	98	021	399	5	122 / 74	48	255	489	556	5	278 / 232	46	
						284						282	
8	50 / [redacted]	822	351	5	73 / 27	46	235	770	536	5	255 / 215	40	
						330						322	
9	67	250	368	5	87 / 47	40	288	422	589	5	288 ½ / 264	48	
						370						370	
10	17	100	318	5	42 / 17 ½	50	246	140	547	5	271 / 221	50	
						420						420	
11	109	509	410	5	126 / 92	34	180	540	481	5	197 / 163	34	
						454						454	
12	131	480	432	5	141 / 121	20	248	278	549	5	258 / 238	20	
BM 209-13 +	694	827				474	2912	428				474	BM 209-13
						+	694	827				474	BOUQUET CYN. RD. & SPUNKY
						−	2217	601				948	CYN. RD., N.W. COR.
													F.B. 3734-41

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.

F.B. 4132 PG. 242 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R. STRADER NOTES ANDERSON DATE: 11-DEC. '72

INDEXED G. D. BAILEY DATE

WEATHER CLEAR/SUNNY WIND

TIME 09:25-10:20 ROD NO. 2/13 & 12-13

NOTES CHK. LORAINE MIYATA DATE 3 JAN '73

T = 26°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 209-13									FROM B.M. 209-13 TO B.M. 209-12
1	254	560	555	5 272 / 236 / 36	~~97~~	~~940~~	~~398~~	~~5~~ 138	B.M. 209-13
				255	118	488	419	5 98	BOUQUET CYN. RD. & SPUNKY CYN. RD.
2	231	786	532	5 ~~207~~ 49	70	518	371	5 ~~46~~ 99 / 48	F.B. 3734-41 N.W. COR.
				301 / 84				59 / 88	
3	301	230	602	5 276 1/2 / 50	36	350	337	5 13 / 46	
				272 / 134	46			72 / 134	
4	247	478	548	5 222 / 50	~~40~~	578	347	5 20 / 52	
				292 / 184				96 / 186	
5	267	110	568	5 242 / 50	71	300	372	5 46 / 50	
				238 / 234				81 / 236	T = RODRIGUEZ
6	213	901	514	5 188 / 50	55	520	356	5 29 / 52	
				294 / 284				34 / 288	
7	272	800	573	5 250 / 44	15	620	316	5 15 1/2 / 38	
				297 / 328				52 / 326	
8	285	450	586	5 273 / 24	40	462	341	5 28 / 24	
				282 / 352				137 / 350	
9	257	720	558	5 232 / 50	113	960	414	5 89 / 48	
				291 / 402				47 / 398	
10	(NOTE:) 262	262	563	5 233 / 58	16	790	317	5 16 1/2 / 62	
				238 / 460				28 / 460	
11	227	340	528	5 216 / 22	18	532	319	5 8 / 20	
				482	604	118		480	
	+2821	631						482	B.M. 209-12
B.M. 209-12	604	118						962	B.M. 209-12
	+2217	513							BOUQUET CYN. RD., 0.6 MI. E'LY OF SPUNKY CYN. RD. (SOUTH SIDE)
									F.B. 3734-39

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR COLLED 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 R.L. STRADER
NOTES BY R.L.S. DATE DEC. 5 '72
INDEXED G.D. BAILEY DATE DEC 21 1972
WEATHER CLEAR-CALM INST. NO. 75234
TIME 10:00 - 10:45 ROD NO. 2139A-1
NOTES CHK DARAINE MIYAWA DATE 3 JAN 73
T= 38°
F.B. 4132 PG. 243

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 209-13									FROM BM 209-13 TO BM 210-1
1	184	130	485 5	200 168 32	192	158	493 5	208 176 32	BM 209-13
2	13	518	314 5	32 13 ½ 38	175	188	476 5	194 156 38	BOUQUET CYN. RD. & SPUNKY CYN. RD., N.W. COR.
3	110	083	411 5	136 84 70 52	68	666	369 5	93 43 70 50	F.B. 3734-41
4	266	152 ~~[illegible]~~	567 5	291 241 122 50	29	408 ~~[illegible]~~	330 5	55 3 120 52	
5	159	428	460 5	185 133 172 52	86	770	387 5	113 59 172 54	Λ R. ANDERSON
6	192	640	493 5	214 170 224 44	71	034	372 5	94 48 226 46	
7	223	642	524 5	247 199 268 48	18	262	319 5	42 18 ½ 272 48	
8	183	213	484 5	207 159 316 48	96	603	397 5	119 73 320 46	OVERLAP TO LINE 210
9	124	062	425 5	141 107 364 34	136	885	437 5	153 119 366 34	F.B. 4132-~~18~~ 81
+	1456	868		398	874	974		400	
-	874	974						398	
+	581	894						798	
BM 210-1									BM 210-1 SPUNKY CYN. RD., 0.5 MILE W'LY OF BOUQUET CYN. RD. S. SIDE ROAD F.B. 3734-113

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
BM 210-1	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM BM 210-1 TO BM 209-13
1	143	491	444	5	160 126	34	130	834	431	5	148 112	36	BM 210-1
2	98	422	399	5	120 76	44	183	653	484	5	205 161	44	SPUNKY CYN. RD., 0.5 MILE W'LY OF BOUQUET CYN. RD.
3	52	942	353	5	74 30	78 44	233	570	534	5	254 212	80 42	S. SIDE ROAD F.B. 3734-113
4	77	680	378	5	101 53	122 48	179	752	480	5	203 155	122 48	
5	41	918	342	5	63 19	170 44	143	698	444	5	165 121	170 44	⊼ R. ANDERSON
6	97	502	398	5	119 75	214 44	227	677	528	5	248 206	214 42	
7	13	426	314	5	36 13 ½	258 46	196	252	497	5	220 172	256 48	
8	132	908	433	5	155 109	304 46	75	731	376	5	98 52	304 46	
9	257	206	558	5	279 235	350 44	46	958	347	5	69 23	350 46	
10	122	891	423	5	129 115	394 14	202	168	503	5	208 196	396 12	
+	1038	386				408	1620	293				408	
						+	1038	386				408	
						-	581	907				816	
BM 209-13													BM 209-13 BOUQUET CYN. RD & SPUNKY CYN. RD., N.W. COR. F.B. 3734 - 141

T= 42°

F.B. 4132 PG. 244 JOB NO. 0307.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.L. STRADER DEC. 5 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR - CALM INST. NO. 75234

TIME 10:45 - 11:25 ROD NO. 2139 A.B

NOTES CHILD LORAINE MIYATA DATE 3 Jan

76P526B CE # 308 8/68

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=66°
SURVEY BY STRAVER WEATHER Clear-Lt Winds INST. NO. 75234
NOTES BY Rodriguez DATE 30 Nov 72 TIME 1:30 ROD NO. 2139 WB
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD. DATE
F.B. 4132 PG. 245

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	191	978	492 5	196 186 10	266	122	567 5	296 236 60	60 M-10 M= 50 M-0.20 mm
2	163	347	464 5	168 158 10	89	375	390 5	119 59 60	60 M- 10 M= 50 M=0.20 mm
	355	325		20	355	497		120	
								-20	
	+				-0.40 mm			100	Curvature Corr.=0.40 mm
					355	457			
						325			π PETERSON
					-	1.32			
	+			mm= "C"					
	100 /								
					-	0.013		mm= "C"	
					100 /	1.32			

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.

F.B. 4132 PG. 246 JOB NO. 0301.02

SURVEY OF L.A.Co. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES PETERSON 1 DEC 72

INDEXED G.D. BAILEY DATE

WEATHER CLEAR & CALM INST. NO. 75-234

TIME 09:40 ROD NO. 23942

NOTES CHKD DATE

T=56°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				11	11				
	NEAR ROD				FAR ROD				
1	151	858	452 5	156 146 10	142	732	443 5	172 112 60	60M - 10M = 50M -0.20MM
2	149	772	450 5	154 144 10	158	975	459 5	188 128 60	60M - 10M = 50M -0.20MM
	301	630		20	301	707		120	
						0.40MM		-20	
					301	667		100	0.40MM
					301	630			
						047			
									T ANDERSON
						.005			
					100	0.47			

76P526B CE # 308 8/68

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.L. STRADER DATE DEC. 5, 1972 WEATHER CLEAR-CALM INST. NO. 75234
NOTES BY R.L.S. TIME 9:50 ROD NO. 2139A-B
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD DATE
F.B. 4132 Pg. 247
T = 3'

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From To
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	121	793	422	5 126 116 10	86	178	387	5 116 56 60	60 M- 10 M= 50 M-0.20 mm
2	132	577	433	5 137 127 10	168	417	469	5 198 138 60	60 M- 10 M= 50 M=0.20 mm
	254	370		20	254	595		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					254	555			
					254	370			
					-	185			
									T R. ANDERSON
				mm= "C"					
	/								
						.018		mm= "C"	
					100/	1.850			

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 ____ TO ____
			DETERMINATION OF "C"						
	NEAR					ROD			
1	108	136	409 5	113 10 / 103 ~~20~~	23	830	324 5	53 / 235 60	60 - 10 = 50 = 0.20 MM
2	154	501	455 5	59 / 49 10	239	234	540 5	269 / 209 60	60 - 10 = 50 = 0.20 MM
	262	637		20	263	064		120	
					-	040		-20	
					263	0.24		100	CURV. CORR = 0.40 MM.
					262	6.37			
						3.87			⊼ T.C.P
					-	0.039 = "C"			
					100	3.87			
	+								
	100								

T = 36°

WEATHER: WINDS & OVERCAST

TIME: 11:45

NOTES CHKD ____ DATE ____

INST. NO. 75234

ROD NO. 2139

F.B. 4132 PG. 248

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RLS NOTES RODRIGUEZ 6 DEC-72

INDEXED G. D. BAILEY DATE ____

76P526B CE # 308 8/68

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY STRADER
NOTES BY RODRIGUEZ DATE 7-DEC-72 TIME 11:40 WEATHER OVERCAST WIND INST. NO. 75234
INDEXED G.D. BAILEY DATE DEC 21 1972 NOTES CHKD. DATE ROD NO. 2139 HB
F.B. 4132 PG. 249
T = 38°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	170	145	471 5	175 / 165 10	180	561	481 5	210 / 150 60	60 M- 10 M= .50 M-0.20 mm
2	153	826	454 5	158 / 148 10	143	732	444 5	173 / 113 60	60 M- 10 M= 50 M=0.20 mm
	323	971		20	324	293		120	
								-20	
	+				-0.40mm			100	Curvature Corr.=0.40 mm
					324	253			
					323	971			PETERSON
					-	2.82			
	+			mm= "C"					
	100								
					-	0.028		mm= "C"	
					100	2.82			

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				"C"					
	NEAR ROD				FAR ROD				
				148				131	
1	143	512	444 5	138 10	101	880	402 5	71 60	60M-10M=50M - 0.20MM
				159				226	
2	154	460	455 5	149 10	196	462	497 5	166 60	60M-10M=50M - 0.20MM
	297	972		20	298	342		120	
					- 0.40MM			-20	CUR. CORR. 0.40MM
					298	302			
					297	972		100	
					0	330			
									π = RODRIGUEZ
					- 0.033				
					100 / 3.300				

F.B. 4132 PG. 250 JOB NO. 0301.02 TE 26°

SURVEY OF L. A. Co. PRECISE LEVEL NET WEATHER CLEAR & CALM INST. NO. 75234

SURVEY BY R.L.S. NOTES ANDERSON DATE: 11-DEC.'72 TIME 09:05 ROD NO. 2139 HR

INDEXED G.D. BAILEY DATE NOTES CHKD. DATE

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

T = 32°

F.B. 4132 PG. 251

SURVEY BY STRADER WEATHER WINDY INST. NO 25234

NOTES BY RODRIGUEZ DATE 13 DEC. 72 TIME 9:15 ROD NO. 2139HC

INDEXED G. D. BAILEY DATE DEC 21 1972 NOTES CHKD DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TO
			DETERMINATION OF "C"						
		NEAR ROD				FAR ROD			
1	141	512	442 5	146 136 10	211	188	512 5	241 181 60	60 M- 10 M= 50 M-0.20 mm
2	116	840	417 5	121 111 10	47	627	348 5	77 60	60 M- 10 M= 50 M=0.20 mm
	268	352		20	268	815		120	
								20	
+					-0.40 mm			100	Curvature Corr.=0.40 mm
					268	775			
					268	352			
					-	4,23			
									0.042 mm= "C"
									100 / 4,23

mm= "C"

T PETERSON

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

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

76P526B CE # 308 8/68

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	ROD BACKSIGHT NEAR				ROD FORESIGHT FAR				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	165	793	466 5	170 160 10	169	248	470 5	199 139 60	60 - 10 M = 50 M = 0.20 MM
2	157	651	458 5	162 152 10	154	369	455 5	184 124 60	60 - 10 M = 50 M = 0.20 MM
	323	444		20	323	617		120	
					-	0.40		-20	
					323	5.77		100	CURV CORR 0.40 MM
					323	4.44			
						1.33			⊼ STRADER
					-	0.013 = "C"			
					100	1.33			
	+								
	100								

F.B. 4132 PG. 252 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY R.L.S. NOTES R.J.R. 14 DEC 72

INDEXED G. D. BAILEY DATE

WEATHER Clear - CALM INST. NO. 75234

TIME 14:50 - 15:00 ROD NO. 2139 HB

NOTES CHKD _____ DATE _____

T=4 8 20

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

T=36 Calm

F.B. 4132 PG. 253

SURVEY BY STRADER WEATHER OVERCAST INST. NO. 75234

NOTES BY RODRIGUEZ DATE 15 DEC-72 TIME 9:10 : 9:10 ROD NO. 2139 1/B

INDEXED D. BAILEY DATE DEC 21 1972 NOTES CHKD. DATE

...DITIONS OR CHAN... ...T MUST BE MADE ... ...D INK, WITH DATE AN... ...SON MAKING CHANGE

8/68

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM	TO
					DETERMINATION OF "C"					
			NEAR ROD				FAR ROD			
1	169	001	470 5	174 164 10	177	316	478 5	207 197 60	60 M- 10 M= 50 M-0.20 mm	
2	162	418	463 5	167 157 10	154	368	455 5	184 124 60	60 M- 10 M= 50 M=0.20 mm	
					331	684		120		
								-20		
	+				-0.40 mm			100	Curvature Corr.=0.40 mm	
					331	644				
					331	419				
					-	2.25				
				mm= "C"						
							0.023	mm= "C"		
							100 / 2.25			

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

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT ROD						Far FORESIGHT ROD						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM ____ TO ____
			DETERMINATION OF "C"										
1	125	042	426	5	130 / 120	10	80	612	381	5	110 / 50	60	60 − 10 = 50M = 0.20 MM
2	132	852	433	5	137 / 127	10	177	418	478	5	207 / 147	60	60 − 10 = 50M = 0.20 MM
	257	894				20	258	030				120	
							−	040				−20	
							257	990				100	CURV-CORR. = 0.40 MM
							257	894					
								096					
													⊼ ANDERSON
							−	0.0096 = "C"					
							100	0.96					
	+ 100												

F.B. 4132 Pg. 254 JOB NO. 0301.02
SURVEY OF LA CO. PRECISE LEVEL NET
SURVEY BY ____ NOTES RODRIGUEZ 18 DEC 72
INDEXED G. D. BAILEY DATE ____

WEATHER Clear INST. NO. 75234
TIME 15:00 - ROD NO. ____
NOTES CHKD ____ DATE ____

T=56