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

Survey of L.A.Co. Precise Level Net
JN 0301.02 Tape Std °F
Surveyed by R.C. Bowers
Notes RCB Date 8/11/69
Indexed C. J. GALLI SEP 8 '69

F. B. 2479 PG. 5

L.A. Co. Prec[illegible] Level Net

A Po[illegible]

LINE 208

Cont f[illegible] 2477

J.N. 0301.02

Aug 1969

Ref.

F.B. 3721

Party

Bo[illegible]s
An[illegible]son
Lov[illegible]
Rod[illegible]ez, R.J.
Tob[illegible]on

Microfilmed Feb. 86

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Bowers R.C.
NOTES BY R.C. Bowers DATE 7-28-69
WEATHER Clear TIME 2:00
NOTES CHKD. [illegible] DATE [illegible]
INST. NO. 35254
ROD NO. 9-19
F.B. 2479 Pg. 7
T=97°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
			DETERMINATION OF "C"						
1	108	352	409.5	110 / 106 4	12	448	313.5	39 / 12 (1/2) 54	54 MTRS - (4)M = 50M = 0.20MM
2	155	847	456.5	157 / 153 4 / 8	251	681	552.5	278 / 224 54 / 108	54 MTRS - (4)M = 50M = 0.20MM
									CUR. CORR. = 0.40MM
	264	199			264	129		-8	
					-	040		100 MTRS	
	264	089			264	089			
	+	1.10 MM							

$\bar{X}$ = ANDERSON

+ .011 MM = "C"
100) 1.100
100
100

76P526 CE # 308 3-65

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 7/29/69

INSPECTED D.H. GALLI DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 9:15 ROD NO. 9919

NOTES CHKD. [illegible] DATE

F.B. 2479 Pg. 9

T=99°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	197	892	498 5	199 / 195 4	144	733	445 5	171 / 117 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	150	419	451 5	152 / 148 4 / 8	203	442	504 5	230 / 176 54	54 " (-) 4 " = 50 " = 0.2 MM
								108	Cur. Corr. = 0.4 MM
	348	311			348	175		-8	
					-	040		100 MTRS	
	- 348	135			348	135			
	+	1.76 MM							

π Anderson

+ .017 MM = "C"

100) 1.760
100
760

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RC BOWERS

NOTES BY RODRIGUEZ DATE 7-30-69

WEATHER Clear

TIME 9:00

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 PG. 11

T=104°

STATION	BACKSIGHT Near ROD RIGHT	MIC.	LEFT.	STADIA	FORESIGHT Far ROD RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
				163				290	
1	161	303	462 5	159 04	290	787	591 5	263(½ 54	54M - (4)M = 50M = 0.20 MM
				147				42	
2	145	268	446 5	143 04	15	811	316 5	15 (½ 54	54M - (4)M = 50M = 0.20 MM
	306	571		08	306	598		108	CUR-CORR = 0.40 MM
	306	558				-040		-08	
						~~638~~		100 M.	
+	0	013 MM			306	558			

+ 0.0013 MM = "C"

100) 0.130
100
30

π = RC BOWERS

P526 CE # 308 3-65

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Near ROD				FORESIGHT Far ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"					
				186				164	
1	184	085	485 5	182 04	137	420	438 5	110 54	54M - (4)M = 50M = 0.20 MM
				174				245	
2	172	190	473 5	170 04	218	790	519 5	196 54	54M - (4)M = 50M = 0.20 MM
	356	275		08	356	210		108	CUR CORR = 0.40 MM
						-040		-08	
	356	170			356	170		100 M	
	+ 01.05 MM								

~~0.015 MM = "C"~~
~~+ 0.0015~~
~~100) 1.05~~
~~100~~
~~500~~
~~500~~

+ .010 MM = "C"
100) 1.050
100
50

T = ANDERSON

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

SURVEY BY R.C. BOWERS

NOTES BY R.D. RIGUEZ DATE 7-31-69

WEATHER Clear Hot INST. NO. 75234

TIME 9:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 Pg. 13

T=90

76P526 CE # 308 3-65

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

Do not extend notes this side of this line.

STATION	BACKSIGHT NEAR ROD				FORESIGHT FAR ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
			DETERMINATION OF "C"						
1	171	252	472 5	173 169 4	225	758	526 5	252 198 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2 MM
2	120	002	421 5	122 118 4	65	260	366 5	92 38 54	54 " (-) 4 " = 50 " = 0.2 MM
				8				108	Cut Corr = 0.4 MM
	291	254			291	018		(-) 8	
					(-)	040		100 MTRS	
	290	978			290	978			
	+ 2.76 MM								

π Rodriguez

+ .027 MM = "C"

100) 2.760 MM
200
760
700
60

Note: see next pg. for "C" after Inst. Adj.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 8/1/69

INDEXED C.J. GALLI DATE [illegible]

WEATHER Clear-Calm INST. NO. 75234

TIME 9:15 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

T=92°

F.R. 2479 Pg. 15

76P526 CE # 308 3-65

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers WEATHER Clear-Calm INST. NO. 25234

NOTES BY RCB DATE 8/1/69 TIME 9:30 ROD NO. 9419

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

F.B. 2479 PG. 17

T=26°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
1	120	518	421 5	122 118 4	66	029	367 5	93 39 54	54 MTRS (-) 4 MTRS = 50 MTRS = 0.2MM
2	175	272	476 5	177 173 4	229	952	530 5	256 202 54	54 " (-) 4 " = 50 " = 0.2MM
				8				108	Cur. Corr. = 0.4MM
	295	790			295	981		-8	
					-	040		100 MTRS	
					295	941			
					-295	790			π Rodriquez
					(-)	1.51 MM			

(-) .015 MM = "C"

100) 1.510
100
510
500
10

After Adj. of Inst.

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ DATE 8-4-69

INDEXED [illegible] DATE [illegible]

WEATHER Windy Fresh INST. No. 36234

TIME 9:20 ROD NO. 9619

NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 Pg. 19

T = 90°

STATION	BACKSIGHT Near ROD RIGHT	MIC.	LEFT.	STADIA	FORESIGHT Far ROD RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
				180				145	
1	178	361	479 5	176 04	118	800	419 5	91 54	54M - (4)M = 50M = 0.20 MM
				162				247	
2	160	762	461 5	158 04	220	502	521 5	193 54	54M - (4)M = 50M = 0.20 MM
	339	023		8	339	302		108	CUR. CORR = 0.40 MM
						-040		-08	
					339	262		100 M	
					339	023			
						0239			

0.013 MM = 'C'

- ~~0.023~~

100 | 239

200

390

300

76P526 CE # 308 3-65

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers R. Anderson DATE 8/5/69 WEATHER Clear Calm INST. NO. 70-2388
NOTES BY [illegible] DATE [illegible] TIME 11:00 A.M. ROD NO. 9412
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]
F.B. 2479 Pg. 21

T = 106°
T = 106°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
	DETERMINATION OF "C"								
				158 ✓	65 532	366 5		92 38	
1	156.372	957 5		159 4	~~56 343~~	~~357 5~~			54 54 MTRS (-) 4 MTRS = 50 M = 0.2 MM
				165				281	
2	163 821	464 5		164 4/8"	254 721	555 5		227	54 54 M (-) 4 M = 50 M = 0.2 MM
									CUR. COR 20.1 MM
	320193				320253				108 ✓
					- 040				- 8 ✓
					320213				100 ✓ MTRS
					320 193				
					- 0.20 MM				
									T RODRIGUEZ
					- 0.002 ✓ MM = 1 "C"				
					100 ✓	0.200 ✓			
						200			
						0			

76P526 CE # 308 3-65

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

Do not extend notes this side of this line.

STATION	BACKSIGHT NEAR ROD RIGHT	MIC.	LEFT.	STADIA	FORESIGHT FAR ROD RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				DETERMINATION OF "C"					
1	114	562	415 5	116 / 112 4	12	272	313 5	39 / 12 (4) 54	54 meters − 4 mtrs = 50 mtrs = 0.2 MM
2	164	190	465 5	166 / 122 4	266	592	567 5	293 / 239 54	54 " (−) 4 " = 50 " = 0.2 MM
				8					CUR. CORR = 0.4 MM
	278752				278864			108	
					−040			8	
					278824			100	mtrs
					278752				
					−0072 MM				

−0.007 MM = "C"

100) 0.720

.700

20

π Anderson

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

SURVEY BY Bowers

NOTES BY C. Johnson DATE 8/6/69

REVIEWED C. L. GALLI DATE 8/6/69

WEATHER t = 89°

TIME 930 am

NOTES CHKD. [illegible] DATE

INST. NO 75234

ROD NO 19 & 19

F.B. 2479 Pg. 23

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
				Determination OF "C"					
1	173	506	474 5	175 4 / 171 5	224	292	525 54	157 / 197 54	59 mtrs (−) 4 mtrs = 50 Mtrs = 0.2 mm
2	166	653	467 5	168 / 164 4	115	941	416	142 / 88 54	54 " (−) 4 = 50" = 0.2 mm
	340	159		8	340	233		108 Mtrs	(CUR. CORR = 0.4 mm
						−040		8	
					340	193		100 Mtrs	
					340	159			
					−0034 M.M.				

π ANDERSON

−0.003 MM = "C"

100) 0.340

300

40

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

SURVEY BY R.C. Bowers

NOTES BY C. Johnson DATE 8/7/69

INSPECTED C. J. GALLI DATE

WEATHER Clear-Calm INST. NO. T5324

TIME 8.55 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

F.B. 2479 Pg. 25

T = 98°

f = 100°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C.B. WEATHER Clear INST. NO. 25231

NOTES BY R.J.R. DATE 8-8-69 TIME 9:00 ROD NO. 9-19

INDEXED C.J. GALLI DATE SEP 8 '69 NOTES CHKD. [illegible] DATE

F.B. 2479 PG. 27

T=110°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
				DETERMINATION OF "C"					
				145				97	
1	143	222	444 5	141 04	70	672	371 5	43 54	54M - (4)M = 50M = 0.20MM
				182				279	
2	180	060	481 5	178 04	252	630	553 5	225 54	54M - (4)M = 50M = 0.20 MM
	323	282		08	323	302		108	CUR-CORR = 0.40 MM
	323	262				-040		-08	
	+ 0	020 MM			-323	262		100 M	

π = R.C. BOWERS

+ 0.002 mm = "C"

100) 0.200

200

76P526 CE # 308 3-65

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ DATE 8-11-69

WEATHER Clear

TIME 9:40

INST. NO. 25234

ROD NO. 9-19

F.B. 2479 Pg. 29

T = 84°

STATION	BACKSIGHT Near ROD RIGHT	MIC.	LEFT.	STADIA	FORESIGHT Far ROD RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
			DETERMINATION OF "C"						
1	128	006	429 5	130 126 04	20	349	321 5	47 20½ 54	54M - (4)M = 50M = 0.20MM
2	182	661	483 5	184 180 04	290	410	591 5	290 263½ 54	5M - (4)M = 50M = 0.20MM
	310	667		08	310	759		108	CUR. CORR = 0.44MM
	~~310~~					-040		-08	
					310	719		100 M	
					310	667			
					- 0	052 MM			

- 0.0052 MM = "C"

100) 0.520

500

200

200

⊼ = R.C. BOWERS

76P526 CE # 308 3-65

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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 NEAR ROD RIGHT	MIC.	LEFT.	STADIA	FORESIGHT FAR ROD RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
				Determination of "C"					
1	164	204	465	162 4	295	210	596	295 268 ½ 54	54 mtrs (-) 4 mtrs = 50 mtrs = .02 mm
2	189	770	490	191 187 4	58	761	359	85 31 54	54 " (-) 4 " = 50 " = .02 mm
	353	974		8	353	971		108	mtrs Cur. Corr = 0.4 mm
	353	931				040		8	
	+00	043	mm		353	931	(Cur. Corr)	100	mtrs

+0.004 mm = "C"

100 | 0.430

.400

30

T Anderson

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET t = 83° t = 86°

SURVEY BY K.C. Bowers WEATHER Clear INST. NO. 75234

NOTES BY C. Johnson DATE 8/13/69 TIME 8:45 ROD NO. 9-19

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

F.B. 2479 PG. 31

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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

SURVEY BY R.C. BOWERS DATE 8-14-69 WEATHER CLEAR

NOTES BY R. RODRIGUEZ TIME 9:00 INST. NO. 3238

INDEXED DATE NOTES CHKD. DATE ROD NO. 919

T = 80

F.B. 2479 Pg. 33

STATION	Near BACKSIGHT RIGHT MIC.	LEFT.	STADIA	Far FORESIGHT RIGHT MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ___ TO ___
	DETERMINATION OF "C"						
1	168 064	469 S	170 166 04	301 764	602 S	301 274 54	54M-(0)M = 50M = 0.20MM
2	142 672	443 S	144 140 04 08	9 164	310 S	36 9 54	54M-(0)M = 50M = 0.20MM CURCAR = 040MM
	310 736			310 928 -040 310 888 310 736 -0.152 MM		108 -08 100 MTS	T = R.C. BOWERS
							- .0015 MM = "C" 100 | 0.152 100 520 500 20

76P526 CE # 308 3-65

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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. C. BOWERS

NOTES BY R. ANDERSON DATE 8/15/69 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED [illegible] DATE [illegible] TIME 9:00 A.M. ROD NO. 9E19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 PG. 35

T = 96°

STATION	NEAR BACKSIGHT ROD				FAR FORESIGHT ROD				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETEMINATION OF "C"								
1	128	.877	429 5	130 / 126 4	100	.357	401 5	127 / 73 54	54m - 4m = 50m = 0.2 mm
2	141	141	442 5	143 / 139 4	169	721	470 5	196 / 142 54	54m - 4m = 50m = 0.2 mm
				8				108	CUR. COR. = 0.4 mm
	270	018			270	~~078~~ ~~040~~		- 8	
						0.40		100 MTRS	
					270	038			
					270	018			
					-	0020 mm.			π RODRIGUEZ

0.002 mm = "C"

100) 0.200

200

76P526 CE # 308 3-65

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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 = 78° t = 80° F.B. 2479 Pg. 37
SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 7523
NOTES BY C. Johnson DATE 8/14/67 TIME 9:10 ROD NO. 2618
INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

STATION	BACKSIGHT NEAR ROD				FORESIGHT FAR ROD			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"								
				145				157	
1	143	400	444	141 4	130	574	431	103 54	54 MTRS (-) 4 MTRS = 50 MTRS = .02 MM
				150				188	
2	148	983	449	146 4/8	161	712	462	134 54	54 M (=) 54" = 50" = .02 MM
	292	383			292	286		108	MTRS COR. CORR = .04 MM
	292	246				040		8	
	+01.37 MM				292	246		100	MTRS
	+0.013 MM = "C"								
100	1.370								T - ANDERSON
	100								
	37.0								

76P526 CE # 308 3-65

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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"							
1	145 921	446 5	147 / 143	4	82 303	383 5	109 / 55	54 54 m (-) 4 m = 50 m = 0.2 mm
2	161 041	462 5	163 / 159	4 / 8	224 599	525 5	251 / 197	54 54 m (-) 4 m = 50 m = 0.2 mm
	306962				306902		108	108 CUR. COR. = 0.4 mm
	306862				-040		-8	-8
	+ 0100 mm				306862		100	100 MTRS

+ 0.010 mm = "C"

100) 1,000

T RODRIGUEZ

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

SURVEY BY R. C. BOWERS

NOTES BY R. ANDERSON DATE 8/19/69 WEATHER CLEAR & CALM INST. NO. 75234

INDEXED C. J. GALLY DATE [illegible] TIME 10:00 A.M. ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

T = 98°

F.B. 2479 PG. 39

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.R. & W.C.B. DATE 8-20-69 WEATHER Cloudy INST. NO. 8237
NOTES BY D.J. GALLI DATE 8-20-69 TIME 8:45 ROD NO. 2-18
INDEXED DATE NOTES CHKD DATE
T = 83°
F.B. 2477 Pg. 41

STATION	NEAR BACKSIGHT			FAR FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
	DETERMINATION OF "C"						
1	179 572	980 5	180 176 04	258 402	559 5	284 230 54	54M - (4)M = 50M = 0.20MM
2	138 109	439 5	40 36 04	59 247	360 5	86 32 54	54M - (4)M = 50M = 0.20MM
			08			108	CUR.CORR = 0.40MM
	347681			317 649		-08	
	317609			-0.40		100	
	+ 00.72 MM			317 6.09			
	+ 0.0072 MM = "C"						
	100 | 0.720 MM						
	700						
	20						
							T = C. JOHNSON

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT Near				FORESIGHT Far				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
									DETERMINATION OF "C"
1	130	006	431 5	132 128 04	83 ~~97~~	272	384 5	110 56 54	54M - (4)M = 50M = 0.20MM ~~0.20MM~~
2	175	336	476 5	177 173 ~~04~~ 08	222	128	523 5	259 ~~195~~ 54 108 -08	54M - (4)M = 50M 0.20MM CUR CORR = 0.40MM
	305	~~330~~ 42			305	400 -040			
					305	360 42			
					- 305	~~330~~			
						~~030~~ 0.018 MM			
									$\bar{\Lambda}$ = R.C. BOWERS
									- ~~0.003 MM = "C"~~
									100) ~~0.300~~ ~~300~~
									- .001 MM = "C"
									100) 0.180 100 80

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ DATE 8-21-69

INDEXED G.J. GALLI DATE 8 [illegible]

WEATHER Clear

TIME 8-45

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 75254

ROD NO. 919

F.B. 2479 PG. 43

T = 90°

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.03 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. BOWERS
NOTES BY R.C. BOWERS DATE 8/23/69 WEATHER CLEAR & CALM INST. NO. 76234
INDEXED DATE NOTES CHKD DATE ROD NO. 2619
F.B. 2479 PG. 45

T = 101

STATION	NEAR BACKSIGHT Rod			FAR FOREIGHT Rod			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM ____ TO ____
		DETERMINATION				OF	"C"
1	147 560	448 5	149 / 145 04	93 526 / 498	394 5	120 / 66 54	54M-(4)M = 50M = 0.20
2	159 938	460 5	161 / 157 04 / 08	214 116	515 5	241 / 187 54 / 108 / -08 / 100 M	54-(4)M = 50M = 0.20 CUR-CORR = 0.40 MM
	307498			307 642 / -040 / 307 602			T = R.C. BOWERS
				- 307498			
				- 01.04 MM			
				- 0.01 MM = "C"			
				100 | 1.040			
				100			
				40			

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	Near BACKSIGHT				Far FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM _____ TO _____
					DETERMINATION			of "C"	
1	184	687	485 5	186 182 04	274	077	575 5	301 247 54	54M − (4)M = 50M = 0.20MM
2	116	544	417 5	118 114 04	27	442	328 5	54 27½ 54	54M − (4)M = 50M = 0.20MM
	301	231		08	301	519		108	CUR. CORR = = 0.40MM
					−	040		−08	
					301	479		100 M	
					301	231			⊼ = R.C. BOWERS
					0	248			NOTE: BEFORE ADJUSTMENT −

− 0.024 MM = "C"

100) 2.48
200
48

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

SURVEY BY R.C.B. WEATHER Clear INST. NO. 25234

NOTES BY R.J.R. DATE 8-25-69 TIME 9:00 ROD NO. 9-19

INDEXED C.T. GALLI DATE SEP 3 '69 NOTES CHKD. [illegible] DATE

T=83

F.B. 2479 PG. 47

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY RCB

NOTES BY RJR DATE 8-25-69 WEATHER Clear INST. NO. 25234

INDEXED C.J. GALLI DATE SEP 8 1969 TIME 9:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 Pg. 49

T=83

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

DETERMINATION of "C"

1	116	522	417 5	118 114 04	27	208	328 5	54 27(½ 54	54M − (4)M = 50M = 0.20MM
2	179	423	480 5	181 177 04	268	638	569 5	295 241 54	54M − (4)M = 50M = 0.20MM
	295	945		08	295	846		108	CUR-CORR = 0.40MM
	295	806				−0.40		−8	
		139			295	806		100	

+ 0.013 MM = "C"

~~0.01~~

100) 1.39

1.00

390

300

⊼ = R.C. BOWERS

NOTE: AFTER ADJUSTMENT −

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY RC

INDEXED C.J. GALLI

DATE 7/28/69

DATE [illegible]

WEATHER Clear-Calm

TIME 2:10

NOTES CHKD. [illegible]

DATE [illegible]

INST. NO. 75234

ROD NO. 9419

F.B. 2479 PG. 54

T=100° T=99°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-41 TO TBM#13
BM 208-41									B.M. 208-41 (USC&GS M-370) Old Ridge Rt. Hwy, 12.1 mi. S'ly of Quail Lk. F.S. E. of Rd.
1	39	079	340 5	44 34 10	227	707	528 5	232 222 10	
2	22	725	323 5	32 12 20	229	618	530 5	239 219 20	F.B. 3721-99
				30				30	
3	11	661	312 5	22 0 22	295	930	596 5	295 282 (1/2) 26	
				52				56	
4	37	160	338 5	46 28 18	231	739	532 5	239 223 16	
				70				72	π Anderson
5	18	957	319 5	28 8 20	277	068	578 5	288 266 22	
				90				94	
6	26	780	327 5	36 16 20	249	182	550 5	259 239 20	
				110				114	
7	12	378	313 5	21 3 18	260	287	561 5	269 251 18	
				128				132	
8	16	662	317 5	27 5 22	292	981	593 5	292 281 (1/2) 22	
				150				154	
9	21	582	322 5	31 11 20	260	049	561 5	270 250 20	
				170				174	
10	31	423	332 5	41 21 20	187	288	488 5	197 177 20	
				190				194	
	238	407			2511	849		190	
					238	407		384	
TBM#13				—	2273	442			TBM#13 Old Ridge Rt., 0.22 mi. So. of B.M. 208-41 E. of Rd.

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2479 Pg. 52 | SURVEY OF L.A. COUNTY PRECISE LEVEL NET | SURVEY BY RCB NOTES Redesignet #7351-69 DATE | INDEXED D.L.CALL | JOB NO 0301.02 | WEATHER Clear-Hot TIME 9:10 NOTES CHKD [illegible] | INST. NO 75 234 ROD NO 7-19 DATE AUG 20 '75

T= 98°
T= 102°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M #13 TO BM 208-41
T.B.M #13				199				45	TBM #13
									Old Ridge RTE 0.32 MI
1	189	023	490 5	179 20	35	579	336 5	25 20	SO. of BM 208-41
				257				22	No Ref.
2	247	292	548 5	237 20	12	761	313 5	2 20	
				293 40				24 40	
3	293	028	594 5	281 1/2 24	12	618	313 5	12 1/2 24	
				278 64				27 64	
4	268	383	569 5	258 20	18	623	319 5	9 18	
				259 84				37 82	
5	249	808	550 5	239 20	27	830	328 5	17 20	
				279 104				22 102	
6	268	202	569 5	257 22	10	758	311 5	10 1/2 22	
				260 126				44 126	T = ANDERSON
7	260	450	551 5	240 20	34	604	335 5	24 20	
				264 146				25 146	
8	254	713	555 5	244 20	15	288	316 5	5 20	
				267 166				37 166	
9	257	232	558 5	247 20	27	658	328 5	17 20	
				234 186				45 186	
10	229	929	530 5	224 10	40	650	341 5	35 10	
				196 ✓				196 ✓	
	2508	060	✓		236	369	✓	196 ✓	
	236	369	✓					392 FTRS	
+	2271	691	✓						
BM 208-41									BM 208-41 (M-370) (U.S.C.G.S.)
									Old Ridge RTE 12.1 MI
									SO. of Quail Lake F.S.
									F.B. 3721-99

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									BM FROM 208-41 TO +BM #13
BM.208-41				51				236	BM 208-41 (USC & GS M 370)
1	46	380	347 5	41 10	231	660	532 5	226 10	OLD RIDGE Rt HWY 12.1 mi.
				35				268	So OF QUIL LAKE F.S.
2	25	109	326 5	15 20	258	170	559 5	248 20	
				27 30				277 30	
3	17	770	318 5	7 20	267	817	568 5	257 20	
				51 50				260 50	
4	41	409	342 5	31 20	250	599	551 5	240 20	
				22 70				275 70	
5	12	353	313 5	2 20	265	399	566 5	255 20	
				35 90				270 90	
6	25	165	326 5	15 20	260	630	561 5	250 20	
				38 110				273 110	⊼ ANDERSON
7	29	628	330 5	20 18	264	549	565 5	255 18	
				15 128				291 128	
8	4	354	305 5	41 (½) 22	280	837	581 5	269 22	RERUN
				23 150				260 150	
9	13	642	314 5	3 20	250	320	551 5	240 20	
				35 170				193 170	
10	25	650	326	15 20	193	152	484 5	173 20	
				190				190	
	241	460			2513	133		190	
					241	460		380	MtRs
					2271	673			
+BM# 13									+BM# 13 OLD RIDGE Rt 0.22 Mi So OF BM 208-41 No REF

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET +90° +=89°

SURVEY BY Bowers

NOTES BY C. Johnson DATE 8/6/69 WEATHER Sunny + Clam INST. NO. 75234

INDEXED C. J. GALLI DATE SP 1 TIME 9.45 ROD NO. 9+19

NOTES CHKD. [illegible] DATE

F.B. 2479 PG. 53

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 7/28/69

INDEXED C. L. GALLI DATE [illegible]

WEATHER Clear-Lt. Breeze T=99° T=100°

TIME 2:45

NOTES CHKD. [illegible] DATE [illegible]

INST. NO. 75234

ROD NO. 9/19

F.B. 2479 Pg. 55

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM TBM#13 TO BM 208-42
TBM#13									TBM#13
1	159	959	460 5	175 143 32	29	905	330 5	42 16 26	Old Ridge Rt, 0.22 Mi. So. of BM 208-41 E. of Rd.
2	299	398	600 5	299 288 ½ 22	10	279	311 5	20 10 (½) 20	
				54				46	
3	124	616	425 5	146 102 44	241	044	542 5	263 219 44	ONTP
				98				90	
4	211	702	512 5	226 196 30	11	550	312 5	28 11 (½) 34	
				128				124	⊼ Anderson
5	273	662	574 5	283 263 20	10	498	311 5	21 10 (½) 22	
				148				146	
6	283 ~~284~~	972	584 5	296 270 26	25	410	326 5	39 11 28	
				174				174	
7	197	447	498 5	204 190 14	65	102	366 5	74 56 18	
				188				192	
8	226	620	527 5	239 213 26	70	662	371 5	81 59 22	
				214				214	
9	197	587	498 5	208 186 22	66	900	367 5	76 56 20	
				236				234	
10	218	160	519 5	229 207 22	112	361	413 5	122 102 20	
				258				254	
11	185	700	486 5	219 151 68	116	161	417 5	152 80 72	
				326				326	
12	170	350	471 5	203 137 66	124	451	425 5	156 92 64	
				392				390	

Cont on top of Reverse side of Pg

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 TBM #13 TO BM 208-42
Fwd. Run Cont. from Bot. of Reverse side of Pg.									
13	152	569	453 5	173 392 131 42	131	101	432 5	151 390 111 40	
14	140	770	441 5	160 434 120 40	22	272	323 5	44 430 0 44	π Anderson
				474 ✓				474 ✓	
	2842	512 ✓			1037	696 ✓		474 ✓	
	1037	696 ✓						948 ✓	
+	1804	816 ✓							
BM 208-42									BM 208-42 (USC & GS L-992) Old Ridge Rt., 12.9 Mi. S3/4 of Quail Lk. F.S. E. of Rd. F.B. 3721-101

T=99°
T=100°

WEATHER Clear-Lt. Breeze INST. NO. 75234
TIME 2:45 Lect ROD NO. 9 & 19
NOTES CHKD [illegible] DATE

F.B. 2479 Pg. 56 JOB NO. 030603
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY RCB NOTES RCB 7/28/69
INDEXED G.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 208-42 TO TBM#13
	Back Run Con't from Bot. of Reverse side of Pg.								
				426				430	
13	11 700	312 5	21 11 (1/2)	20	270 348	571 5	280 260	20	
				446	172 930	473 5	187 157	450	
14	9 392	310 5	24 9 (1/2)	30	~~159 589~~	~~460 5~~	~~174 144~~	30	
				476				480	
	1022 927				2827 712			476	π Anderson
					1022 927			956	
				-	1804 785				
TBM#13									TBM#13 Old Ridge Rt., 0.22 mi. So. of BM 208-41, E. of Rd.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 7/30/69

INDEXED G. J. GALLI DATE SEP 8 '69

WEATHER Clear Lt. Breeze T=112° T=116° wow!!

TIME 1:30 Con't

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 PG. 57

INST. NO. 75234

ROD NO. 9419

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

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 58 JOB NO. 030102
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowen NOTES ECB 7/30/62
INDEXED C.L.Smith DATE
NOTES CHKD CWH DATE 8/13/62
WEATHER Clear & Warm INST. NO. 25234
TIME 1:30 ROD NO. 28
T=112°
T=116°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-42 TO TBM #13
BM 208-42									BM 208-42 (USC&GS L-992) Old Ridge Rt, 12.9 mi. S'ly of Quail Lk. F.S. E. of Rd. F.B. 3721-101
1	26 703 ~~25 078~~	327	5	43 9 34	142	077	443	5	159 125 34
2	126 ~~127~~ 953	427	5	152 100 52	151	532	452	5	175 127 48
3	124	695	425	5 157 91 86 66	169	692	470	5	202 136 82 66
4	111	552	412	5 146 76 152 70	182	157	483	5	218 146 148 72
5	107	544	408	5 117 97 222 30	213	108	514	5	225 201 220 24
6	81	341	382	5 89 73 252 16	211 ~~212~~	986	512	5	223 199 244 24
7	66	759	367	5 77 55 268 22	222	778	523	5	234 210 268 24
8	59	177	360	5 69 49 290 20	192	832	493	5	199 185 292 14
9	30	327	331	5 43 17 310 26	270	125	571	5	284 256 306 28
10	8	284	309	5 18 8 (11) 336 20	298	763	599	5	298 287 (W) 334 ~~284~~ ~~264~~ 22
11	18	280	319	5 32 4 356 28	208	612	509	5	224 192 356 32
12	240	220	541	5 227 219 384 42 426	120	772	421	5	141 99 3.88 42 430
	Cont on Top of reverse side of Pg.								T Anderson

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-42 TO BM 208-43
BM 208-42									BM 208-42 (USC&GS L-992) Old Ridge Rt, 12.9 Mi. S'ly of Quail Lk. F.S. F.B. 3721-101
1	104 ~~40~~	023	405 5	117 91 26	125	262	426 5	143 107 36	
2	198	081 ~~181~~	499 5	225 171 54	127	821	428 5	152 100 52	
3	182	668	483 5	211 153 58	68 ~~22~~	629 ~~278~~	369 5 ~~323 5~~	93 43 ~~54~~ ~~22~~ (½) 88 50	
4	290	899	591 5	290 270 (½) 138 40	23	641	324 5	43 3 138 40	
5	238	652	539 5	255 221 178 34	22	772	323 5	39 5 178 34	⊼ Rodriguez
6	218	833	519 5	225 211 212 14	81	672	382 5	87 75 212 12	
				226				224	
	1233	156			449	797		226	
	449	797						450	
+	783	359							
BM 208-43									BM 208-43 (USC&GS N-370) Old Ridge Rt, 13.15 Mi. S'ly of Quail Lk. F.S., W. of Rd. FB. 3721-103

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

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 7/29/69

INDEXED C.J. GALLI DATE SEP 8 [illegible]

WEATHER Clear - Lt Breeze T=100° T=102°

TIME 10:15

NOTES CHKD [illegible] DATE

INST. NO. 75224

ROD NO. 9 & 19

F.B. 2479 PG. 59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-43 TO BM 208-42
BM208-43									BM 208-43 (USC&GS N-370) Old Ridge Rt., 13.15 Mi. S³/y of Quail Lk. F.S. W. of Rd. F.B. 3721-103
1	81	952	382 5	87 75 12	216 ~~215~~	000 ~~1000~~	517 5	224 208 16	
2	31	151	332 5	48 14 34	248	990	549 5	264 232 32	
3	20	301	321 5	40 0 46 40	288	741	589 5	288 268 (½) 48 40	
4	77	890	378 5	103 51 86 52	192	238	493 5	220 164 88 56	T = Rodriguez
5	124	558	425 5	150 98 138 52	196 ~~195~~ ~~196~~	073	497 5	222 170 144 52	
6	130	799	431 5	146 114 190 32	107	878	408 5	122 92 196 30	
				222				226	
	466	651			1249	920		222	
					466	651		448	
					783	269			
BM 208-42									BM 208-42 (USC&GS L-992) Old Ridge Rt., 12.9 Mi. S³/y of Quail Lk. F.S. E. of Rd. FB 3721-101

F.B. 2479 Pg. 60 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 7/30/59

INDEXED [illegible] DATE

WEATHER Clear-Lt Breeze INST. NO. 25234

TIME 1:05 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

T = 112°
T = 112°

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.E. Bowers WEATHER clear-cl. Bkge INST. NO 22334
NOTES BY R.C.B. DATE 7/29/69 TIME 10:45 ROD NO. 3 & 12
INDEXED D.J.CALL DATE 8/8/69 NOTES CHKD DATE
T= 102° T= 102°
F.B. 2479 Pg. 61

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM BM 208-43 TO TBM #14
BM 208-43									BM 208-43 (USC&GS N-370)
1	290	720	591 5	290 262 (½) 56	72	572	373 5	96 48 48	Old Ridge Rt., 13.15 mi. S'ly of Quail Lk. F.S.
2	251	963	552 5	280 222 58	51	602	352 5	83 19 64	W. of Rd.
3	281	085	582 5	300 262 38 114	48	198	349 5	68 28 40	F.B. 3721-103
4	287	068	588 5	287 270 (½) 34 152	36	341	337 5	56 16 40	112 152
5	296	333	597 5	296 272 ½ 48 186	21	465	322 5	42 0 42	192
6	236	558	537 5	267 208 56 234	51	332	352 5	28 24 54	A Rodriguez 234
				290 ✓				288 ✓	
	1643	727 ✓			281	510 ✓		290 ✓	
	281	510 ✓						578 ✓	
+	1362	217 ✓							
TBM #14									TBM #14 Old Ridge Rt., Approx. 0.4 mi. S'ly of BM 208-43 W. of Rd.

F.B. 2479 Pg. 62
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowes NOTES RCB 7/30/68
INDEXED B.H.Gauu DATE
JOB NO 03402
F=110°
F=112° Clear Calm
WEATHER
TIME 11:25
NOTES CHKD
DATE
ROD NO 2#19
INST. NO 25234

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM TBM #14 TO BM 208-43
TBM #14									TBM #14 Old Ridge Rt., 0.4 Mi. So. of BM 208-43 W. of Rd.
1	54	832	355	5	236	318	537	5	
	80 28	52						264 208	56
2	23	029	324	5	301	810	602	5	
	46 0	46						301 277 (1)	48
		98							104
3	34	919	335	5	275	856	576	5	
	55 13	42						292 258	34
		140							138
4	40	711	341	5	283	222	584	5	T Rodriguez
	60 20	40						304 264	40
		180							178
5	46	532	347	5	246	200	547	5	
	76 16	60						276 216	60
		240							238
6	68	592	369	5	287	030	588	5	
	94 42	52						287 260 (1)	46
		292 ✓							284 ✓
	268	615 ✓			1630	436 ✓			292 ✓
					268	615 ✓			576 ✓
					-1361	821 ✓			
BM 208-43									BM 208-43 (USC&GS N-370) Old Ridge Rt., 13.15 Mi. S'ly of Quail Lk. F.S. W. of Rd. F.B. 3721-103

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-43 TO T.B.M. #14
B.M. 208-43									B.M. 208-43 (U.S.C.&G.S. N-370)
				277				84	OLD RIDGE RT., 13.15 MI. S'LY
1	277	059	578 5	250 1/2 54	58	711	359 5	32 52	OF QUAIL LAKE FIRE STA.
				274				74	W. SIDE RD.
2	244	538	545 5	214 60	43	613	344 5	12 62	F.B. 3721-103
				292 114		782		51 114	
3	273	680	574 5	254 38	31	~~728~~	332 5	11 40	
				292 152				54 154	RERUN
4	274	630	575 5	256 36	34	895	335 5	14 40	
				297 188				38 194	
5	297	547	598 5	274 1/2 46	17	670	318	17 1/2 42	T RODRIGUEZ
				257 234				75 236	
6	229	151	530 5	201 56	48	099	349 5	21 54	
				290				290	
	1596	605			234	770		290	
	234	770						580	MTRS
	1361	835							
T.B.M. #14									T.B.M. #14
									OLD RIDGE RT., APPROX. 0.4 MI.
									S'LY OF B.M. 208-43
									W. OF RD.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/6/69

INDEXED D. L. GALLI DATE SEP 8 [illegible]

WEATHER CLEAR & CALM INST. NO. 76 224

TIME 10:36 A.M. ROD NO. 9 & 19

NOTES CHKD. [illegible] DATE [illegible]

T = 90°
T = 94°

F.B. 2479 PG. 63

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 7/29/69

INDEXED D.J. GALLI DATE

WEATHER Clear Lt. Breeze T=102° T=102°

TIME 11:10

NOTES CHKD. [illegible] DATE

INST. NO. 75224

ROD NO. 9 & 19

F.B. 2479 PG. 65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM TBM#14 TO BM 208-44
TBM#14													TBM#14
													Old Ridge Rt., Approx 0.4 Mi.
1	290	597	591	5	300 280	20	46	138	347	5	55 37	18	S'ly of BM 208-43
													W. of Rd.
2	281	133	582	5	292 270	22	24	010	325	5	35 13	22	
						42						40	
3	277	130	578	5	288 266	22	33	396	334	5	43 23	20	
						64						60	
4	291	142	592	5	299 283	16	7	905	308	5	19 7 (1/2)	24	
						80						84	π Rodriquez
5	298	932	599	5	298 286 (1/2)	24	44	592	345	5	56 32	24	
						104						108	
6	266	612	567	5	280 252	28	69	678	370	5	84 54	30	
						132						138	
7	284	998	585	5	284 261 (1/2)	46	9	742	310	5	29 9 (1/2)	40	
						178						178	
8	291	593	592	5	291 274 (1/2)	34	10	243	311	5	28 10 (1/2)	36	
						212						214	
9	287	643	588	5	299 275	24	21	458	322	5	32 10	22	
						236	13	730	314	5	25 13 (1/2)	236	
10	294	582	595	5	294 282 (1/2)	24	~~22~~	~~441~~	~~323~~	~~5~~	~~34 10~~	24	
						260						260	
11	298	162	599	5	298 278 (1/2)	40	30	183	331	5	49 11	38	
						300						298	
BM208-44	247	298	548	5	266 228	38	29	996	330	5	46 12	34	BM 208-44 (USC&GS W=970)
	3409	822 ✓				338	341	071 ✓				332	Old Ridge Rt., 13.9 Mi. S'ly of
	341	071 ✓										338	Quail Lt. F.S. E. of Rd.
+	3068	751 ✓										670	F.B. 3721-105

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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 BM 208-44 TO TBM# 14
BM 208-44									BM 208-44 (USC&GS W-970) Old Ridge Rt., 13.9 mi. S'ly of Quail Lk. F.S., E. of Rd. F.B. 3721-105
1	36 ~~26~~	941	337 5	53 19 34	254	213	555 5	274 234 40	
2	34	661	335 5	53 15 38	300	810	601 5	300 282 (1/2) 36	
3	22	220	323 5	34 10 72 24	297	409	598 5	297 286 (1/2) 76 22	
4	16	762	317 5	27 5 96 22	290	991	591 5	302 278 98 24	π = Rodriguez
5	24	762	325 5	38 10 118 28	298	721	599 5	298 282 (1/2) 122 32	
6	3	928	304 5	26 3 146 (1/2) 46	285	713	586 5	285 263 154 44	
7	60	379	361 5	78 42 192 36	257	386	558 5	270 242 198 28	
8	46	520	347 5	58 34 228 24	300	760	601 5	300 288 (1/2) 226 24	
9	10	158 ~~122~~	311 5	22 10 252 (1/2) 24	291	511	592 5	299 283 250 16	
10	36	420	337 5	46 26 276 20	285	602	586 5	296 274 266 22	
11	39	512	340 5	49 27 296 22	294	312	595 5	294 282 (1/2) 288 24	TBM#14
12	48	654	349 5	57 37 318 20	291	922	592 5	302 280 312 22	~~Quail~~ Old Ridge Rt., Approx 0.4 mi. S'ly of BM 208-43 W. of Rd.
	380	917 ✓		338	3449	350 ✓		334	
TBM# 14					380	917 ✓		338 ✓	
					3068	433 ✓		672 ✓	

F.B. 2479 Pg. 66

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 7/30/69

INDEXED G.T. GALLI DATE

JOB NO. 030/62

T = 105°
T = 110°

WEATHER Clear Calm INST. NO. 75234

TIME 10:45 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M. #14									FROM T.B.M. #14 TO B.M. 208-44
				299				56	T.B.M. #14
1	289	772	590 5	279 20	46	435	342 5	36 20	OLD RIDGE RT., APPROX. 0.4
				293				43	MI. S'LY OF B.M. 208-43
2	293	569	594 5	282 ½ 22	32	737	333 5	21 22	W. OF RD.
				289 42				47 42	
3	278	053	579 5	267 22	37	041	338 5	27 20	
				301 64				21 62	RERUN
4	293	020	594 5	285 16	9	232	310 5	9 ½ 24	
				80				86	T RODRIGUEZ
				299				56	
5	299	561	600 5	286 ½ 26	45	231	346 5	34 22	
				280 106				85 108	
6	266	925	567 5	252 28	69	677	370 5	53 32	
				282 134	~~85~~			35 140	
7	282	463	583 5	258 (½ 48	14	902	315 5	14 ½ 42	
				299 182	10	517	311 5	~~34~~ 27 182	
8	299	332	600 5	282 (½ 34	~~19~~	~~211~~	~~320 5~~	~~4~~ 10 (½ 36 34	
				296 216				28 216	
9	284	300	585 5	272 24	17	633	318 5	6 22	
				298 240				29 238	
10	298	173	599 5	286 ½ 24	17	925	318 5	5 24	
				301 264				53 262	
11	301	271	602 5	283 ½ 36	33	691	334 5	13 40	
				266 300				47 302	
B.M. 208-44	247	631	548 5	228 38	30	011	331 5	13 34	B.M. 208-44 (U.S.C.&G.S. W.970)
	3434	070	✓	338	365	032	✓	336	OLD RIDGE RT., 13.9 MI.
	365	032	✓					338	S'LY OF QUAIL LAKE FIRE STA.
+	3069	038	✓					674	E. OF RD.
									F.B. 3721-105

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/6/69

INDEXED D. L. CALLI DATE

WEATHER CLEAR & CALM

TIME 11:00 A.M.

NOTES CHKD. [illegible] DATE

INST. NO. 36234

ROD NO. 9919

F.B. 2479 PG. 67

T = 94°

T = 92°

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403 Los Angeles County Engineering Bldg.

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

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F.B. 2479 Pg. 68 | JOB NO 0301.02 | SURVEY OF L.A. COUNTY PRECISE LEVELNET | SURVEY BY Sowers NOTES R.A. Rodriguez 8/6/69 | INDEXED D.T.D.M.T. DATE | NOTES CHKD DATE | WEATHER Clear & Calm INST. NO. 75234 | TIME 1:05 PM ROD NO 24-12

T=96°
T-102°

STATION	BACKSIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	FORESIGHT RIGHT	MIC.	LEFT	MIC.	STADIA	DESCRIPTION AND REMARKS
											From B.M. 208-44 To T.B.m. #14
B.M. 208-44											B.M. 208-44 (U.S.C.&G.S. W-970
					41					260	OLD RIDGE RT., 13.9 MI.
1	23	723	324	5	23 ½ 36	241	080	542	5	222 38	S'LY OF QUAIL LAKE FIRE STA.
					58					299	E. OF RD.
2	39	502	346	5	20 38	299	731	600	5	281 ½ 36	F.B. 3721 - 105
					27 74					299 74	
3	15	413	316	5	3 24	288	952	589	5	277 22	
					17 98					298 96	
4	5	970	306	5	6 ½ 24	286	759	587	5	274 24	
					33 122					300 120	RERUN
5	19	398	320	5	5 28	300	380	601	5	283 ½ 34	
					34 150	285	398	586	5	~~301~~ 159	285 (½)
6	9	872	310	5	9 ½ 50	~~278~~	~~301~~	~~599~~	~~5~~	~~256~~ 46	262 A RODRIGUEZ
					86 200					282 200	
7	70	082	371	5	54 32	267	762	568	5	252 30	
					51 232					300 230	
8	90	662	341	5	29 22	288	499	589	5	276 24	
					26 254					298 254	
9	13	291	314	5	0 26	298	169	599	5	287 ½ 22	
					37 280					284 276	
10	27	160	328	5	17 20	272	876	573	5	260 24	
					42 300					292 300	
11	31	631	332	5	20 22	292	272	593	5	281 ½ 22	
					52 322				5	298 322	
T.B.m. #14	43	702	344	6	34 1 8	287	352	588	5	276 22	T.B.m. #14
					390					344	OLD RIDGE RT., APPRX. 0.4 MI.
	340	~~406~~	✓			340	923	✓		340	S'LY OF B.M. 208-43
						340	406	✓		684	W. OF RD.
						— 3068	824	✓			

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY 130 W 0 2 3
NOTES BY R. DRIGUEZ DATE 7-29-69 WEATHER 75/106° 100° INST. NO. 85234
INDEXED BY [illegible] DATE 8/ [illegible] TIME 1:00 ROD NO. 2-17
NOTES CHKD. BY [illegible] DATE [illegible]
F.B. 2479 Pg. 69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-44 TO TBM 208-44 #15
BM 208-44				26				209	BM 208-44 (W-970) (U.S.C.G.S.)
1	20	280	321 5	14 12	201	480	582 5	193 16	Old Ridge 13.9 Mi
				57				279	SO. of Quail Lake ES
2	30	397	331 5	3 54	253	859	554 5	227 52	F.B. 3721-105
				120 66				213 68	
3	88	028	289 5	56 64	182	821	483 5	151 62	
				133 130				274 130	
4	105	861	406 5	77 56	244	458	545 5	214 60	
				189 186				230 190	
5	160	216	461 5	131 58	200	247	501 5	170 60	T = BOWERS-RAY
				82 244				279 250	
6	55	714	356 5	28 54	279	566	580 5	254 56	
				177 298				99 306	
7	153	563	454 5	132 42	80	722	381 5	61 38	
				284 340				80 344	
8	261	496	562 5	236 50	53	957	354 5	26 54	
				203 390				263 398	
9	181	848	482 5	159 44	247	853	548 5	231 32	
				34 434				297 436	
10	24	277	325 5	12 29	283	602	584 5	269 28	
				458				458	
	1081	680	✓		2028	565	✓	458	
					1081	680	✓	916	METERS
T.B.M. #15				-	946	885	✓		T.B.M. #15
									OLD RIDGE RTE ± 0.50
									MI. SO. OF BM 208-44
									NO. REF.

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. 2479 Pg. 70 | JOB NO. 030102 | INST. NO. 75234
SURVEY OF L.A. COUNTY PRECISE LEVEL NET | ROD NO. 9-12
SURVEY BY R.C.B. | NOTES Radiguet 2-7-30-59 | WEATHER Clear T=10° T=10°
INDEXED R.T.D. ALL | DATE | TIME 1110 | NOTES CHKD | DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M #15 TO BM 208-44
T.B.M #15				294				34	T.B.M #15
									Old Ridge RTE ± 0.50 mi
1	281	642	582 5	268 26	21	300	322 5	8 26	So. of BM 208-44
				259				201	No Ref.
2	243	683	544 5	227 32	179	247	480 5	157 44	
		732		86 58				288 70	
3	58	710	359 5	30 56	262	912	563 5	236 52	
				97 114				193 122	
4	78	337	379 5	59 38	152	397	453 5	131 42	
				283 152				83 184	164
5	283	814	584 5	254 (1½) 58	57	335	358 5	31 53	
				224 210				187 216	
6	194	165	495 5	164 60	159	751	460 5	131 56	T = R.C. Bowers
				273 270				130 272	
7	243	508	544 5	213 60	102	055	403 5	79 56	
				208 330				116 328	
8	177	398	478 5	146 62	84	100	385 5	52 64	
				280 392				56 392	
9	254	790	555 5	228 52	31	803	332 5	6 50	
				207 449				24 443	
10	200	874	501 5	193 14	18	954	319 5	12 12	
				458 ✓				454 ✓	
	2016	943	✓					458 ✓	
	1069	854	✓		1069	854	✓	912	MTRS
+	947	089	✓						
BM 208-44									BM 208-44 (W-970) (USGS)
									Old Ridge RTE 13.9 mi
									So. of Quail Lake F.S.
									FB 3721 — 105

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R.C. Rodriguez DATE 7-29-69

INDEXED [illegible] DATE [illegible]

WEATHER Clear-Hot T=100° T=100°

TIME 2:00

NOTES CHKD [illegible]

F.B. 2479 Pg. 71

INST. NO. 75234

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M #15 TO BM 208-45
T.B.M #15									T.B.M #15
				39				271	Old Ridge RTE ± 0.50
1	29	916	330 5	19 20	260	596	561 5	249 22	Mi SO, of BM 208.44
				33				286	No Ref.
2	22	465	323 5	11 22	276	018	577 5	266 20	
				49 42				296 42	
3	37	044	338 5	25 24	296	405	597 5	284 (1/2) 24	
				41 66				299 66	
4	31	116	332 5	21 20	288	663	589 5	277 22	
				36 86				293 88	
5	25	098	326 5	14 22	293	804	594 5	281 (1/2) 24	π = BOWERS R.C.
				39 108				302 112	
6	27	157	328 5	15 24	291	966	592 5	280 22	
				38 132				298 134	
7	24	829	325 5	10 28	298	268	599 5	286 1/2 24	
				42 160				257 158	
8	32	931	333 5	22 20	247	910	548 5	237 20	
				106 180				234 178	
9	101	484	402 5	96 10	229	135	530 5	224 10	
				113 190				201 188	
10	111	582	412 5	109 4	199	285	500 5	197 04	
				194				~~202~~	
	443	622			2682	050		192	
					443	622		194	
				−	2238	428		386	MTRS

BM 208-45 - (V-90 - U.S.L.G.S.)
Old Ridge RTE 14.7 mi SO
of Quail Lake F.B.
F.B. 3721-107

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

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 72 JOB NO. 030103 INST. NO. 35234
SURVEY OF LA Co COUNTY PRECISE LEVEL NET ROD NO. 9-12
SURVEY BY RCB NOTES Paragraph 732-67 WEATHER Clear
INDEXED D.L.BALL DATE TIME 9:20
NOTES CHKD

F=92°
F=101°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM208-45 TO ~~BM208-15~~
F.B.~~#~~15									F.B.~~#~~15
BM208-45				212				123	BM 208-45 (V-970) (USC&GS)
1	209	324	570 5	206 06	121	655	422 5	119 04	Old Ridge RTE 14.7 mi
				222				87	SO. of Quail Lake
2	216	707	517 5	210 12	81	528	382 5	75 12	F.S.
				247 18				44 16	FB 3721-107
3	238	004	539 5	229 18	32	687	333 5	22 22	
				292 36				30 38	
4	292	498	593 5	280½ 24	16	824	317 5	2 28	
				293 60				41 66	
5	283	274	584 5	273 20	31	212	332 5	21 20	
				294 80				25 86	
6	294	531	595 5	280½ 28	14	615	315 5	3 22	T = Bowers RC.
				301 108				49 108	
7	290	684	591 5	279 22	39	390	340 5	29 20	
				291 130				36 128	
8	291	886	592 5	280½ 22	24	148	325 5	12 24	
				288 152				34 152	
9	277	511	578 5	261 22	24	153	325 5	14 20	
				263 174				32 172	
10	252	473	553 5	241 22	22	168	323 5	12 20	
				196 ✓				192 ✓	
	2646	892 ✓			408	280 ✓		196 ✓	
	408	280 ✓						388 HTS	
+	2238	612 ✓							
T.B.M.~~#~~15									~~BM208~~ - T.B.M. ~~#~~15
									Old Ridge RTE ± 0.50 mi
									SO. of BM 208-44
									No Ref.

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-45 TO BM208-46
BM208-45									BM208-45-V970) (U.S.C.G.S
				148				230	Old Ridge RTE 14.7 MI SO
1	142	618	443 5	136 12	225	967	526 5	220 10	of Quail Lake F.S.
				38				262	F.B. 3721-107
2	28	350	329 5	18 20	252	826	553 5	242 20	
				36 32				301 30	
3	25	611	326 5	14 22	290	215	591 5	279 22	
				67 54				132 52	
4	60	399	361 5	53 14	124	013	425 5	116 16	
				68				68	
5	256	978	5		893	021		68	
					256	978		136	MTRS
6				-	636	043	5		⊼ = R.C. BOWERS
7			5						
8							5		
									BM208-46 (M-992) (1965)
									Old Ridge RTE 14.25 MI
									SO. of Quail Lake F.S.
									F.B. 3721-109

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ R DATE 7-31-69

INDEXED R.J. GAITE DATE SEP 5 '69

WEATHER Clear-MOD TIME 10:15

NOTES CHKD [signature] DATE

T= 98°
T= 100

F.B. 2479 PG. 73

INST. NO. 75234

ROD NO. 9-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-46 TO BM208-45
BM208-46		622							BM208-46 (M-992)(USLGS)
		~~622~~		141				78	Old Ridge RTE
1	133	~~622~~	434 5	125 26	71	574	372 5	64 14	14.75 mi so, of Quail
				299				34	Lake F.S.
2	288	367	589 5	277 22	23	011	324 5	12 22	F.B 3721-109
				268 38				42 36	
3	258	426	559 5	248 20	32	910	333 5	22 20	
				230 58				147 56	
4	224	632	525 5	218 12	141	506	442 5	135 12	
				70				68	
	905	047			269	001		70	
	269	001						138 MTRS	π = BOWERS. R.C.
	+636	046							
BM208-45									BM208-45 (V-970)(USLGS)
									Old Ridge RTE 14.7 mi
									so, of Quail Lake F.S
									F.B 3721-107

F.B. 2479 PG. 74 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES Rodriguez 8-1-69

INDEXED G.L. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 2:00 ROD NO. 919

NOTES CHKD [illegible] DATE

T = 105'
T = 105'

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY RC Bowers
NOTES BY RODRIGUEZ DATE 7-31-69
INDEXED P.L. CALL DATE 8-19
T=100°
T=108 WEATHER Cloud - INST. NO. 3587
TIME 10:30 ROD NO. 9-19
NOTES CHKD. [illegible] DATE [illegible]
P.B. 247 Pg. 79

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-46 TO BM 1208-47
BM 208-46									BM 208-46 (M-992) (U.S.L.G.S.)
				9				233	Old Ridge RTE 14.75 mi
1	03	818	304 5	3(½ 12	228	720	529 5	223 10	50, of Quail Lake E.S
				40				293	F.B 3721-109
2	28	681	329 5	16 24	293	162	594 5	281½ 24	
				41 36				299 34	
3	30	694	331 5	19 22	299	319	600 5	288½ 22	
				51 58				294 56	
4	40	194	341 5	29 22	294	688	595 5	281½ 26	
				29 80				270 82	
5	19	770	320 5	9 20	240	535	561 5	250 20	
				38 100				295 102	
6	27	884	328 5	16 22	284	054	585 5	273 22	T = BOWERS R.C
				36 122				301 124	
7	25	704	326 5	14 23	301	241	602 5	290½ 22	
				41 144				299 146	
8	29	026	330 5	17 24	299	477	600 5	28½ 26	
				43 168				294 172	
9	32	894	333 5	21 22	283	572	584 5	272 22	
				40 190				294 194	
10	29	323	330 5	18 22	294	444	595 5	283½ 22	
				39 212				241 216	
11	27	000	328 5	15 24	231	861	532 5	221 20	
				192 236				81 236	
12	168	111	469 5	144 48	56	808	357 5	31 50	
				284				286	

FORWARD RUN CONT TOP REVERSE P9

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-46 TO BM208-47
	FORWARD - CONT - BOTT -			284	Reverse P9			286	
				299				160	
13	268	705	569 5	237 62	128	862	429 5	96 64	
	180	276	481 5	~~130~~ 190 346	140	230	441 5	~~190~~ 150 350	
14	~~140~~	~~230~~	~~441~~	~~130~~ 170 20	~~180~~	~~276~~	~~481 5~~	~~170~~ 130 20	
				366				370	
	912	080			3396	973		366	
					912	080		736 MTRS	
				-	2484	893			
									π = R.C. BOWERS
BM208-47									BM 208-47 (USC&GS R-450) Old Ridge RTE 0.7 mi No. of Castaic Union ~~High~~ School F.B 3721-111

T=100°
T=105

F.B. 2479 PG. 76 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.C.B. NOTES Rodriguez - 7-31-69 WEATHER Clear - Hot TIME 10:30 INST. NO. 75234

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE ROD NO. 9-19

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ DATE 8-1-69 WEATHER Clear INST. NO. 25234

INDEXED [illegible] DATE [illegible] TIME 1:20 ROD NO. 9819

NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 Pg. 77

T=104 T=105

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	BACK RUN CONT BOTT REVERSE P9								FROM BM208-47 TO BM208-46
				292 332				40 332	
13	292	704	593 5	280½ 24	28	250	329 5	16 24	
				238 356				12 356	
14	232	264	533 5	226 12	6	358	307 5	0 12	
				268				368	
	3362	956			878	052		368	
	878	052						736 MTRS	
+	2484	904							
									π = BOWERS R.C.
BM208-46									BM 208-46 Old Ridge RTE (M-992) U.S.C.G.S) 14.75 Mi. So. of Quail Lake F.S. F.B 3721-109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-47 TO BM208-46
BM 208-47									BM 208-47 (USC&GS R-450)
				152				191	Old Ridge RTE 0.7 mi.
1	142	305	443 5	132 20	181	797	482 5	171 20	No, of Castic Union
				163				302	School
2	131	686	432 5	99 64	271	506	572 5	240 62	F.B 3721-111
				80 84				190 82	
3	54	948	355 5	28 52	166	864	467 5	142 48	
				231 136				29 130	
4	222	875	523 5	213 18	17	795	318 5	5 24	
				299 154				35 154	
5	288	105	589 5	277 22	24	450	325 5	13 22	
				286 176				32 174	
6	276	266	577 5	266 20	21	189	322 5	10 22	π = BOWERS R.C
				299 196				33 198	
7	286	825	587 5	273 24	21	943	322 5	9 24	
				296 222				31 222	
8	296	787	597 5	284(1/2 24	20	297	321 5	9 22	
				296 246		262		40 244	
9	284	063	585 5	272 24	29	~~262~~	330 5	18 22	
				276 270				32 266	
10	266	502	567 5	256 20	22	655	323 5	12 20	
				294 290				51 286	
11	294	715	595 5	284(1/2 20	39	336	340 5	27 24	
				292 300				37 310	
12	292	911	593 5	281(1/2 22	26	350	327 5	15 22	
				332				332	

BACK RUN CONT TOP REVERSE - P9

F.B. 2479 PG. 78 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES RODRIGUEZ 8-1-69

INDEXED B.J. GALLI DATE

WEATHER T=104 T=Clear INST. NO. 75234

TIME 1:20 ROD NO. 9819

NOTES CHKD [signature] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ R. DATE 7-31-69

INDEXED C.J. GALLI DATE

WEATHER C109R

TIME 11:30

NOTES CHKD.

F.B. 2479 PG. 79

TE 105

TE 108

INST. NO. 25234

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-47 TO T.B.M #16
BM208-47									BM208-47 (USC&GS R-450)
				136				264	Old Ridge RTE. 0.7 mi No. of
1	117	348	418 5	98 38	246	511	547 5	228 36	Castaic Union School, 11.05 mi
	36			53				289	N.W on Old Ridge RTE
2	~~37~~	988	337 5	19 34	272	195	573 5	255 34	F.B. 3721-111
		116		36 72				287 70	
3	18	~~2~~	319 5	0 36	287	220	588 5	268 (½ 38	
				105 108				284 108	
4	74	189	375 5	43 62	250	542	551 5	216 68	
				140 170				237 176	
5	114	373	415 5	88 52	212	472	513 5	187 50	
				124 222				277 226	
6	92	838	393 5	60 64	247	291	548 5	217 60	π = R.C. BOWERS
				68 286				284 286	
7	47	083	348 5	26 42	264	968	565 5	244 40	
				70 328				250 326	
8	48	707	349 5	26 44	227	532	528 5	204 46	
				372				372	
	549	642			2008	731		372	
					549	642		744	MTRS
				—	1459	089			
T.B.M #16									T.B.M #16
									Old Ridge RTE ± 0.10 mi So.
									of BM 208-47 W. of Rd.
									~~No Ref.~~

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 9719
WEATHER Clear
TIME 11:40
NOTES CHKD
DATE
T=102
E=104

F.B. 2479 Pg. 80
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
JOB NO. 030102
SURVEY BY Rees NOTES Rodriguez A-1-19
INDEXED G.T. GALI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.BM#16 TO BM208-47
T.B.M#16				247				69	T-BM #16
									± 0.40 Mi along Old
1	224	650	525 5	201 46	47	474	348 5	25 44	Ridge RTE, SO. of BM
				284				66	208-47
2	264	441	565 5	244 40	44	690	345 5	22 44	~~NOR~~ No ROF
				274 86				123 88	
3	244	179	545 5	214 60	90	283	391 5	57 66	
				241 146				164 154	
4	214	897	515 5	187 54	120	480	421 5	96 48	
				280 200				97 202	
5	246	553	547 5	212 68	66	186	367 5	35 62	
				298 248				31 264	
6	280	770	581 5	262 36	12	188	313 5	12(½ 38	T=BOWERS
				284 304	29			46 302	
7	267	218	568 5	260 39	~~30~~	958	330 5	12 34	
				260 338				133 336	
8	242	689	543 5	224 36	114	988	415 5	95 38	
				374				374 ✓	
	1985	397 ✓			526	247 ✓		374	
	526	247 ✓						748	MTRS
	+1459	150 ✓							
BM 208-47									BM 208-47 (H ~~992~~ 2.450)(USC&GS)
									0.7 Mi No. of Castic
									UNION School
									F.B 3721-111

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers DATE 7/31/69 WEATHER Clear-Lt Breeze INST. NO 75234

NOTES BY R.C. Bowers DATE 7/31/69 TIME 1:10 ROD NO. 9919

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

F.B. 2479 Pg. 81

T=108° T=110°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
TBM #16									FROM T.BM #16 TO T.BM #17
									T.BM #16
1	161	690	462 5	172 150 22	83	622	384 5	94 72 22	Old Ridge RTE 0.4 mi. So. of BM 208-47
									NO Ref
2	223	641	524 5	230 216 14	73	098	374 5	82 64 18	
3	248	463	549 5	36 259 237 22	76	078	377 5	40 86 66 20	
4	219	582	520 5	58 228 210 18	76	662	377 5	60 84 68 16	⊼ Rodriguez
5	242	859	543 5	76 252 232 20	74	950	375 5	76 84 64 20	
6	258	617	559 5	96 270 246 24	66	672	367 5	96 77 55 22	
7	231	232	532 5	120 242 220 22	91	542	392 5	118 102 88 22	
8	217	915	518 5	142 228 206 22	77	841	378 5	140 89 65 24	
9	232	781	533 5	164 246 218 28	78	690	379 5	164 92 64 28	
10	260	209	561 5	192 282 238 44	95	651	396 5	192 116 74 42	
11	216	847	517 5	236 228 204 24	63	211	364	234 76 50 26	
12	262	552	563 ~~562~~ 5	260 272 252 20	11	420	312 5	260 22 0 22	TBM #17
	2776	388	✓	280	869	437	✓	282	Old Ridge Rt., 0.75 mi. So. of
TBM #17	869	437	✓					280	BM 208-47
+	1906	951	✓					562	W. Side of Rd.

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 TBM#17 TO TBM#16
TBM#17									TBM#17
1	12	842	313 5	23 12 (½) 22	263	620	564 5	274 252 22	Old Ridge Rt., 0.75 Mi. So. of BM 208-47
2	58	045	359 5	70 46 24	211	292	512 5	223 199 24	W. of Rd.
3	96	058	397 5	117 75 42	261	500	562 5	282 240 42	
4	79	790	380 5	92 66 26	235	781	536 5	250 220 30	π Rodriguez
5	81	231	382 5	92 70 22	219	041	520 5	230 208 22	
6	89	835	390 5	100 78 22	229	363	530 5	240 218 22	
7	67	~~498~~ 488	368 5	78 56 22	260	111	561 5	271 249 22	
8	72	~~X~~ 699	373 5	82 62 20	240	511	541 5	250 230 20	
9	75	181	376 5	83 67 16	219	998	520 5	227 211 16	
10	73	~~5~~ 350	374 5	82 64 18	244	287	545 5	254 234 20	
11	70	897	371 5	79 61 18	220	665	521 5	228 212 16	
12	80	209	381 5	91 69 22	158	460	459 5	168 148 20	TBM#16 Old Ridge Rt., 0.4 Mi. So. of BM 208-47
	857	625 ✓		274	2764	629 ✓		276	W. of Rd
TBM#16					857	625 ✓		274	
					1907	004 ✓		550	

T=96°
T=105°

WEATHER Clear-Calm INST. NO. 75234
TIME 11:00 ROD NO. 9419
NOTES CHKD [illegible] DATE

F.B. 2479 PG. 82
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES RCB 8/1/69
INDEXED B.L. GALLI DATE
JOB NO. 0301.02

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=110° F=108°
SURVEY BY R.C. Bowes WEATHER Clear-Hot INST. NO. 2523
NOTES BY RCB TIME 1:45 ROD NO. 2512
INDEXED [illegible] DATE 7/31/69 NOTES CHKD [illegible] DATE [illegible]
F.B. 347 PG. 83

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM TBM# 17 TO TBM# 18
TBM# 17									T.B.M. #17 Old Ridge Rt., 0.75 M. So. of BM 208-47 W. of Rd.
1	241	257	542 5	260 222 38	132	798	433 5	152 112 40	
2	222	732	523 5	246 198 48 86	129	342	430 5	151 107 44 84	
3	62	861	363 5	94 30 64 150	281	918	582 5	281 (2) 258 58 142	
4	73	332	374 5	94 52 42 192	237	489	538 5	260 214 46 188	T Rodriguez
5	128	578	429 5	154 102 52 244	183	122	484 5	208 158 50 238	
6	163	899	464 5	188 138 50 294	71	381	372 5	100 42 58 296	
7	226	588	527 5	258 194 64 358	110	262	411 5	138 82 56 352	
8	119	166	420 5	144 94 50 408	291	970	502 5	228 174 54 406 408	
	1238	413 ✓			1348	282 ✓		814	
					1238	413 ✓			
TBM#18				—	109	869 ✓			TBM#18 Old Ridge Rt. 1.25 M. So. of BM 208-47, E. of Rd.

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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 TBM# 18 TO TBM#17
TBM #18									TBM# 18 Old Ridge Rt., 1.25 Ml. S'ly of B.M. 208-47 E. of Rd.
1	207	688	508 5	234 180 54	121	740	422 5	146 96 50	
2	108	951	409 5	136 80 56	226	820	527 5	258 194 64	
3	88	490	389 5	117 59 58 110	182	868	483 5	208 136 52 114	
4	178	466	479 5	202 154 48 168	122	448	423 5	147 97 50 166	π Rodriguez
5	226	528	527 5	248 204 44 216	64	320	365 5	86 42 44 216	
6	281	907	582 5	281 252 (½) 58 260	62	551	363 5	93 31 62 260	
7	122	272	423 5	144 100 44 318	189	250	490 5	214 164 50 322	
8	101	878	402 5	122 80 42 362	236	070	537 5	254 218 36 372	
				404				408 ✓	
	1316	180 ✓			1206	067 ✓		404 ✓	
	1206	067 ✓						812 ✓	
+	110	113 ✓							
TBM# 17									T.B.M. #17 Old Ridge Rt., 0.75 Ml. So. of B.M. 208-47 E. of Rd.

F.B. 2479 PG. 84

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES RCB 8/1/69

INDEXED [illegible] DATE

JOB NO. 030/02

WEATHER Clear-Calm INST. NO. 75234

TIME 10:30 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE 20 [illegible]

T=94°
T=96°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY RCB DATE 7/31/69

INDEXED R.L. GALLI DATE [illegible]

WEATHER Clear Lt. Breeze TIME 2:40

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 PG. 85

INST. NO. 75234

ROD NO. 9419

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM TBM#18 TO BM 208-48
TBM#18									TBM#18 Old Ridge Rt, 1.25 M/. So. of BM 208-47, E. of Rd.
1	28	979	329 5	58 28 (1/2) 60	245	158	546 5	270 220 50	
2	85	552	386 5	107 63 44	250	742	551 5	274 226 48	
3	141	840	442 5	144 138 104 6	168	013	469 5	173 163 98 10	
4	138	662	439 5	140 136 110 4	255	160	556 5	257 253 108 4	
				114				112	
	395	033			919	073		114	π Rodriquez
					395	033		226	
					524	040			
BM 208-48									BM 208-48 (Dept. W. Res. W-12, 1963) Old Ridge Rt., 10.2 M/. N'ly of Castaic, W. of Rd. F.B. 3721-113

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
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-48 TO TBM# 18
BM 208-48									BM 208-48 (Dept. W. Res. W-12, 196) Old Ridge Rt., 10.2 Mi. N'ly of Castaic, W of Rd. F.B. 3721-113
1	279	272	580 5	281 277 4	162	318	463 5	164 160 4	
2	170	811	471 5	176 164 12	145	236	446 5	148 142 6	
3	243	667	544 5	266 220 16 46	80	532	381 5	104 56 10 48	
4	246	392	547 5	272 220 62 52	27	871	328 5	56 0 58 56	
				114				114	
	940	142			415	957		114	π Rodriguez
	415	957						228	
+	524	185							
TBM # 18									TBM# 18, Old Ridge Rt, 1.25 Mi. So. of BM 208-47, E. of Rd.

T-95°
T-94°

WEATHER Clear-Calm INST. NO. 75234
TIME 8/1/69 10:20 ROD NO. 9819
NOTES CHKD [illegible] DATE

F.B. 2479 PG. 86
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES RCB 8/1/69
INDEXED R.J. GALLI DATE
JOB NO. 0301.02

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.C. Bowers
NOTES BY E.C.B.
COMPUTED BY J.J. CALL
DATE 7/3/67
DATE 7/8/67
T= 106°
T= 104°
WEATHER Clear
TIME 2:40
INST. NO. 3236
ROD NO. 2419
NOTES CHKD. R.L.K.
DATE 7/10/67
F.B. 2477 Pg. 8

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.		LEFT.	STADIA	RIGHT MIC.		LEFT.	STADIA	FROM BM 208-48 TO TBM #19
BM 208-48									BM 208-48 (Dept. W.Rs. W-12, B63) Old Ridge Rt., 10.2 Mi. N'ly of Castaic, W. of Rd. F.B. 3721-113
1	204	587	505	5 230 / 178 52	212	877	513	5 239 / 183 56	
2	77	172	378	5 107 / 51 52 / 104	276	377	577	5 302 / 250 52 / 108	
3	48	106	349	5 62 / 34 28 / 132	278	180	579	5 294 / 262 32 / 140	
4	42	907	343	5 56 / 28 28 / 160	270	936	571	5 281 / 259 22 / 162	O.N.T.P. π = Rodriguez
5	62	590	363	5 74 / 62 (1/2) 24 / 184	222	568	523	5 232 / 212 20 / 182	
6	37	202	338	5 52 / 22 30 / 214	253	371	554	5 268 / 238 30 / 212	
7	37	250	338	5 51 / 23 28 / 242	275	162	576	5 288 / 262 26 / 238	
8	49	440	350	5 64 / 34 30	285	016	586	5 299 / 271 28	
				272 ✓				266 ✓	
	559	254 ✓			2074	487 ✓		272 ✓	
					559	254 ✓		538 ✓	
				−	1515	233 ✓			
TBM #19									TBM #19 Old Ridge Rt., 0.3 Mi. So. of BM 208-48, W. of Rd.

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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 TBM#19 TO BM 208-48
TBM#19									TBM#19 Old Ridge Rt., 0.3 Mi. So. of BM 208-48. W. of Rd.
1	290	912	591 5	305 275 30	55	372	356 5	68 42 26	
2	276	372	577 5	290 262 28	38	730	339 5	52 24 28	
3	252	169	553 5	266 238 28 58	35	600	336 5	50 20 30 54	
4	225	752	526 5	234 216 18 86	49	189	350 5	62 36 26 84	π Rodriguez
5	252	701	553 5	264 240 24 104	41	571	342 5	53 27 26 110	
6	279	952	580 5	295 263 32 128	50	221	351 5	64 36 28 136	
7	264	242	565 5	290 238 52 160	61	670	362 5	86 36 50 164	
8	215	852	516 5	243 187 56 212	210	638	511 5	236 184 52 214	
				268				266	
	2057	952			542	991		268	
	542	991						534	
+	1514	961							
BM 208-48									BM 208-48 (Dept. W. Res. W-12, 1963) Old Ridge Rt., 10.2 Mi. N'ly of Castaic. W. of Rd. F.B. ~~2831~~ 3721-113

T = 98°
T = 95°

WEATHER Clear Calm INST. NO. 75234
TIME 10:00 ROD NO. 9819
NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 Pg. 88 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES RCB 8/1/69
INDEXED D.L. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/6/69

INDEXED [illegible] DATE [illegible]

WEATHER CLEAR & CALM INST. NO. 25327

TIME 2:15 P.M. ROD NO. 99A

NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 PG. 89

T = 100°
T = 96°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 208-48									FROM B.M. 208-48 TO T.B.M. #19
									B.M. 208-48 (DEPT. W. RES. W-12)
				228				236	OLD RIDGE RT., 10.2 MI. N'LY
1	202	870	503 5	176 52	210	152	511 5	184 52	OF CASTAIC — W. OF RD.
				98				299	F.B. 3721-113
2	72	387	373 5	46 52	273	588	574 5	247 52	
				66 104				296 104	
3	57	730	352 5	36 30	280	256	581 5	264 32	
				52 134				262 136	
4	38	871	339 5	24 28	250	931	551 5	238 24	RERUN
				66 162				240 160	
5	54	592	355 5	42 24	231	110	532 5	222 18	
				68 186				286 178	T RODRIGUEZ
6	55	423	356 5	42 26	270	687	571 5	254 32	
				50 212				290 210	
7	36	012	337 5	22 28	277	447	578 5	264 26	
				80 240				300 236	
8	67	585	368 5	54 36	300	407	601 5	284 ½ 32	
				276				268	
	579	470			2094	578		276	
					579	470		544	NTAS
					1515	108			
TBM#19									T.B.M. #19
									OLD RIDGE RT., 0.3 MI.
									S'LY OF B.M. 208-48
									W. OF RD

76P526 CE # 308 3-65

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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.C. Bowers 4 WEATHER Windy-Fresh INST. No. 2284
NOTES BY R. Dizigue DATE 8-5-69 TIME 9:45 ROD NO. 9419
RECORDED D.A. Gault DATE 8-6-69 NOTES CHKD. [illegible] DATE [illegible]
F.B. 2477 Pg. 91

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM T.B.M #19 TO T.B.M #19A
T.B.M #19					51						221		T.B.M #19
1	41	232	342	5	31	20	211	793	512	5	201	20	Old Ridge RTE 0.30 Mi
					40						260		So. of B.M. 208-48 - W. side
2	30	610	331	5	20	20	250	542	551	5	240	20	of Rd.
					34	40					287	40	
3	26	178	327	5	16	20	277	312	578	5	267	20	
					22	60					257	60	
4	13	872	314	5	4	18	246	209	547	5	235	22	
					27	78					252	82	
5	17	199	318	5	7	20	244	845	545	5	236	16	T = ANDERSON
					46	98					266	98	
6	36	422	357	5	26	20	256	988	557	5	246	20	
					20	118					267	118	
7	10	792	311	5	0	20	257	673	558	5	247	20	
					39	138					267	138	
8	29	772	330	5	19	20	257	711	558	5	247	20	
					39	158					298	158	
9	29	260	330	5	19	20	288	420	589	5	278	20	
					43	178					299	178	
10	32	830	333	5	21	22	278	610	579	5	267	22	
					27	200					256	200	
11	17	200	318	5	7	20	256	058	557	5	246	20	
~~F.B.M #19A~~					33	220					227	220	~~F.B.M #19A~~
12	23	594	324	5	13	20	217	872	518	5	207	20	~~Old Ridge RTE~~
T.B.M #19A +12	308	951				240	3043	233				240	T.B.M #19A East Side Rd
							308	951				240	0.30 Mi So. of B.M 208-48
							2734	282				480	

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403 Los Angeles County Engineering Bldg.

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Do not extend notes this side of this line.

T=108°
T=108°, ½ Clear

WEATHER ____ INST. NO. 152134
TIME 2:15 PM ROD NO. 19-4
NOTES CHKD [illegible] DATE

P.B. 2479 Pg. 52
SURVEY OF Los Angeles COUNTY PRECISE LEVELNET
SURVEY BY Boulware & Jaques DATE 8-5-65
INDEXED [illegible] DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
		RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA	FROM +BM #19A TO +BM 19
+BM #19A		~~FORWARD RUN~~					~~CONT BOTT REVERSED~~				+Bm 19A, East side of Rd
	1	223	746	524 5	223 / 203 20		30	934	331	28 / 8 20	0.60 Mi So of BM 208-48
	2	259	224	560 5	269 / 249 20		19	090	320 5	28 / 9 20	E. of Rd
	3	278	153	579 5	289 / 267 22	40	14	451	315 5	25 / 3 22	40
	4	272	321	578 5	283 / 261 22	62	31	531	332 5	41 / 21 20	62
	5	257	118	558 5	267 / 247 20	84	29	147	330 5	39 / 19 20	82
	6	255	499	556	266 / 244 22	104 / 126	10	835	311 5	19 / 1 18	102 / 120
	7	241	758	542 5	251 / 231 20	146	17	845	318 5	28 / 6 22	142
	8	249	039	550 5	255 / 242 14	160	22	450	323 5	32 / 12 20	162
	9	253	326	554 5	264 / 242 22	182	19	798	320 5	29 / 9 20	
	10	271	853	572	281 / 261 20	202	22	326	323 5	32 / 12 20	TBM #19
	11	247	503	548 5	257 / 237 20	222	27	532	328 5	37 / 17 20	Old Ridge Rt, 0.3 Mi. So. of
	12	215	960	516 5	225 / 205 20	242 ✓	415	247	346 5	55 / 35 20	B.M. 208-48, W. of Rd.
+BM #19		3025	494 ✓				291	186 ✓		242 ✓	
		291	186 ✓							242 ✓	
	+	2734	308 ✓							484	METERS

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY R.C. Bowers 4

NOTES BY Rodriguez DATE 8-5-69 WEATHER Windy-Fresh INST. NO. 75234

INDEXED [illegible] DATE [illegible] TIME 10:35 ROD NO. 9019

NOTES CHKD. [illegible]

F.B. 2479 PG. 93

T=94° T=94°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA		DESCRIPTION AND REMARKS
											FROM T.B.M#19A TO BM-208-49
T.B.M#19A											T.B.M #19A.
				30					288		Old Ridge RTE 0.60 Mi. on
1	19	650	320 5	8	22	277	952	578 5	266	22	East side of Rd from
				38					259		B.M 208-48.
2	29	993	330 5	20	18	250	222	551 5	241	18	
				46	40				246	40	
3	36	351	337 5	26	20	237	977	538 5	228	18	
				57	60				257	58	
4	47	614	348 5	37	20	245	340	546 5	233	24	
				64	80		822		263	82	
5	54	170	355 5	44	20	254	~~808~~	555 5	245	18	
				65	100				273	100	
6	53	410	354 5	41	24	261	910	562 5	249	24	
				98	124				174	124	π = Anderson
7	95	230	396 5	92	06	170	260	471 5	156	08	
				127	130				228	132	
8	124	691	425 5	121	06	225	307	526 5	222	06	
					136					138	
	461	109				1923	790			136	
						461	109			274	MTRS
						1462	681				
BM208-49											B.M 208-49 (T-52) (U.S.C.G.S)
											Old Ridge RTE 9.4 Mi. No
											of Castic Union School. No
											side of RD.
											F.B 3721-115

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. 2479 Pg. 94 — SURVEY OF L.A. COUNTY PRECISE LEVEL NET — JOB NO. 8326.02 — SURVEY BY Bauer & Bauer — NOTES C Jones & Gaskill 8-5-52 — INDEXED R.A.Gaskill — DATE

WEATHER Windy & Clear — INST. NO. 7524 — ROD NO. 19-9 — TIME 1:30 PM — DATE [illegible] — NOTES CHKD [illegible]

† 112.0
† 108.0

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-49 TO †BM 19A
BM 208-49									BM 208-49 (CT-52 USC&GS) OLD RIDGE RT 0.7 MI, ±NO OF CASTAIC UNION SCHOOL NO SIDE OF RD FB 3721-115
1	229	557	530	5	129	230	430	5	
2	169	542	470	5	94	952	395	5	
3	262	230	563	5	34	600	335	5	
4	234	142	553	5	51	571	352	5	
5	244	369	545	5	417	579	348	5	
6	237	325	538	5	20	105	321	5	
7	240	317	541	5	40	955	341	5	
8	287	018	588	5	22	591	323	5	
	1904	500			441	583			
	441	583							
+	1462	917							
†BM 19A									†BM 19A OLD RIDGE RT 0.60 MI N/O ON E. SIDE OF RD FROM BM 208-49

140 = 140

280 METERS

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 Bm 208-49 TO +Bm #19A
Bm 208-49				232				131	Bm 208-49 (USC & GS T-52)
1	229	075	530 5	226 6	128	684	429 5	125 6	OLD RIDGE Rt 9.4 Mi No
				172				98	OF CASTAIC Union School
2	169	002	470 5	166 6	95	253	398 5	92 6	No SIDE OF RD
				272 12				41 12	F.B. 3721-115
3	260	111	561 5	248 24	29	552	330 5	17 24	
				236 36				56 36	
4	226	342	527 5	216 20	46	289	347 5	36 20	
				252 56				54 56	
5	240	660	541 5	228 24	43	867	344 5	32 22	RERUN
				244 80				42 78	
6	235	836	536 5	226 18	32	693	333 5	22 20	
				263 98				42 98	
7	253	526	554 5	243 20	32	679	333 5	22 20	⊼ ANDERSON
				289 118				32 118	
8	278	448	579 5	267 22	21	288	322 5	10 22	
				140				140	
	1893	000			430	305		140	
	430	305						280	mtrs
+	1462	695							
+Bm# 19A									+Bm #19A OLD RIDGE Rt 0.60 Mi No on E SIDE OF RD No REF

+ = 100°
+ = 96°

WEATHER + Clear INST. NO. 75324
TIME 9:10 ROD NO. 9-19
NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 PG. 96 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY Bowers NOTES C Johnson 8-7-69

INDEXED G.L. GALLI DATE

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 2479 Pg. 97

SURVEY BY E. C. Bowers — INST. NO. 2523 — WEATHER Clear, Hot — T=94°, T=101°

NOTES BY E.C.B. — DATE 8/4/67 — TIME 11:10 — ROD NO. 2519

INDEXED — DATE — NOTES CHKD — DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-49 TO TBM #20
BM 208-49									B.M. 208-49 (USC&GS T-52) Old Ridge Rt. 9.4 No. of Castaic, No. of Rd. F.B. 3721-115
1	173	762	474 S	181 / 165 = 16	247	132	548 S	255 / 239 = 16	
2	31	018	332 S	40 / 22 = 18	263	010	564 S	273 / 253 = 20	
				34				36	
3	20	952	321 S	31 / 9 = 22	250	606	551 S	259 / 241 = 18	
				56				54	
4	24	143	325 S	33 / 15 = 18	251	942	552 S	262 / 240 = 22	
				74				76	
5	22	310	323 S	32 / 12 = 20	260 / 264	949	561 S	270 / 250 = 20	T Anderson
				94				96	
6	21	595	322 S	31 / 11 = 20	251	372	552 S	261 / 241 = 20	
				114				116	
7	26	439	327 S	36 / 16 = 20	250	390	551 S	259 / 241 = 18	
				134				134	
8	15	356	316 S	25 / 5 = 20	259	531	560 S	269 / 249 = 20	
				154				154	
9	9	651	310 S	19 (½) = 20	287	312	588 S	297 / 277 = 20	
				174				174	
10	28	323	329 S	37 / 19 = 18	253	515	554 S	262 / 244 = 18	
				192				192	
11	16	128	317 S	26 / 6 = 20	252	875	553 S	262 / 242 = 20	TBM #20
				212				212	Old Ridge Rt., 0.25 Mi. S. of
12	39	084	340 S	50 / 28 = 22	231	073	532 S	242 / 220 = 22	BM 208-49
	428	761		234	3059	207		234	E. of Rd.
TBM #20					428	761			
					− 2630	946		468	

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 TBM#20 TO BM 208-49
TBM#20									TBM#20 Old Ridge Rt., 0.25 Mi. So. of BM 208-49 E. of Rd.
1	224	940	525 5	235 213 22	32	092	333 5	42 22 20	
2	246	729	547 5	256 236 20	10	842	311 5	21 10 (1/2) 22	
3	254	657	555 5	263 245 42 18	29	712	330 5	39 19 42 20	
4	279	262	580 5	289 269 60 20	9	912	310 5	19 9 (1/2) 62 20	π Anderson
5	266	350	567 5	277 255 80 22	16	478	317 5	26 6 82 20	
6	248	479	549 5	258 238 102 20	21	490	322 5	31 11 102 20	
7	252	182	553 5	262 242 122 20	24	432	~~326~~ 325 5	34 14 122 20	
8	260	372	561 5	270 250 142 20	18	072	319 5	28 8 142 20	
9	~~248~~ 249	544	550 5	259 239 162 20	24	798	325 5	34 14 162 20	
10	250	560	551 5	260 240 182 20	19	874	320 5	29 9 182 20	
11	258	448	559 5	268 248 202 20	27	464	328 5	37 17 202 20	
12	253	558	554 5	261 245 222 16	179	039	480 5	187 171 222 16	BM 208-49 (USC&GS T-52) Old Ridge Rt., 9.4 Mi. No. of Castaic. No. of Rd.
	3045	081	✓	238	414	205	✓	238	
BM 208-49	414	205	✓					238	FB 3721-115
+	2630	876	✓					476	

T=112°
T=112°

WEATHER Clear-Calm INST. NO. 25234
TIME 1:00 ROD NO. 2-18
NOTES CHKD [signature] DATE

F.B. 2479 PG. 98
SURVEY OF L.A. COUNTY PRECISE LEVELNET JOB NO. 030102
SURVEY BY Powers NOTES RCB 8-5-69
INDEXED [signature] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. #20 TO B.M. 208-50
T.B.M. #20									T.B.M. #20
				38				240	OLD RIDGE RT., 0.25 MI. SO.
1	30	168	331 5	22 16	232	270	533 5	224 16	OF B.M. 208-49 ON E. SIDE OF
				56				276	RD.
2	46	257	347 5	36 20	266	197	567 5	256 20	
				50 36				266 36	
3	40	114	341 5	30 20	256	750	557 5	246 20	
				32 56				288 56	
4	21	042	322 5	10 22	278	993	579 5	268 20	
	17			29 78				304 76	
5	~~11~~	752	318 5	5 24	292	318	593 5	280 24	↑ RODRIGUEZ
				94 102				22 100	
6	84	808	385 5	74 20	15	766	316 5	8 14	
				122				114	
~~7~~	240	141	5		1342	294		122	
					240	141		236	MTRS
~~8~~					1102	153	5		
B.M. 208-50									B.M. 208-50 (USGS, 2807, L.A.)
									OLD RIDGE RT., ~~0.7~~ 9.0 MI. NO. OF
									CASTAIC UN. SCHOOL - N.E. OF RD.
									F.B. 3321-117

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

SURVEY BY R. C. BOWERS

NOTES BY R. ANDERSON DATE 8/4/69

INDEXED [illegible] DATE [illegible]

WEATHER CLEAR & LT. WIND INST. NO. 75234

TIME 1:05 P.M. ROD NO. 9519

NOTES CHKD. [illegible]

T = 108°
T = 104°

F.B. 2479 PG. 99

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

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 100
SURVEY OF L.A. COUNTY PRECISE TRAVERSE JOB NO. 0301.02
SURVEY BY Bowen NOTES R. ANDERSON 8/15/69
INDEXED D.L. CALL DATE
T = 1080
T = 1080
WEATHER Clear & Calm WIND INST. NO. 75234
TIME 11:30 AM ROD NO. 2610
NOTES CHKD Lofton DATE 8/20/69

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-50 TO T.B.M. #20 (0.385, 2.007, 2.11)
B.M. 208-50				24				98	B.M. 208-50 ~~0.9~~
1	17	352	318 5	10 14	88	593	389 5	78 20	OLD RIDGE RT., ~~0.26~~ MI.
				296	19	420	320 5	29	~~SO. OF B.M. 208-49 ON~~
2	296	550	597 5	288 426	~~28~~	~~767~~	~~329 5~~	~~78~~ 9 20	~~E. SIDE OF RD.~~ NO. OF
				292 40				36 40	CASTAIC UN. SCHOOL - N.E. OF RD.
3	282	320	683 5	272 20	25	929	326 5	14 22	F.B. 3721-117
				264 60				46 62	
4	255	347	556 5	246 18	37	206	338 5	28 18	
				272 78				52 80	
5	261	500	562 5	250 22	43	080	344 5	34 18	
				238 100				35 98	T RODRIGUEZ
6	231	129	532 5	224 14	27	598	328 5	19 16	
				114				114 ✓	
	1344	198 ✓			241	826 ✓		114 ✓	
	241	826 ✓						228 ✓	MTRS
+	1102	372 ✓							
T.B.M. #20									T.B.M. #20 OLD RIDGE RT. 0.25 MI. SO. OF B.M. 208-49 ON E. SIDE OF RD.

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Rawlings DATE 8/7/69 WEATHER Clear / Calm INST. NO. 75231
NOTES BY R. Rawlings DATE 8/7/69 TIME 10:25 A.M. ROD NO. 95/12
INDEXED DATE NOTES CHKD DATE RATED A.S.

T = 98° T = 1000 F.B. 2479 Pg. 101

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM T.B.M.#20 TO B.M. 208-50
T.B.M.#20									T.B.M.#20
			34				238		OLD RIDGE RT. 0.25 MI.
1	26 533	327 5	18	16	230 049	551 5	222	16	SO. OF B.M. 208 149
			59				274		E. OF RA
2	45 853	346 5	36	18	264 483	565 5	254	20	
			44	34			262	36	RERUN
3	35 597	336 5	26	18	253 397	559 5	244	18	
			34	52			290	54	
4	23 498	324 5	12	22	280 307	581 5	270	20	↑ RODRIGUEZ
			26	74			291	74	
5	14 693	315 5	2	24	291 933	592 5	280 ½	22	
			104	98			30	96	
6	94 873	395 5	84	20	23 211	329 5	16	19	
				118				110	✓
	241 047	✓			1343 380	✓		118	✓
					241 047	✓		228	✓ MTRS
					1102 333	✓			
B.M. 20850									B.M. 208-50 (USGS 2807, LA)
									OLD RIDGE RT., 9.0 MI.
									N'LY OF CASTAIC UN. SCHOOL
									No. OF RD.
									F.B. 3721-117

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 208-50 TO T.B.M. #20
B.M. 208-50									B.M. 208-50 (USGS, 2807, L.A.)
				26				93	OLD RIDGE RT., 9.0 MI. NO.
1	19	311	320 5	12 14	83	552	384 5	73 20	OF CASTAIC UN. SCHOOL - N. OF RD.
				294				26	F.B. 3721-117
2	283	841	584 5	272 22	14	052	315 5	2 24	
				297 36				48 44	
3	297	188	598 5	289 (1½ 26	39	732	340 5	30 18	RERUN
				259 62				42 62	
4	250	559	551 5	241 18	33	141	334 5	24 18	
				274 80				54 80	T RODRIGUEZ
5	263	498	564 5	252 22	45	417	346 5	36 18	
				242 102				38 98	
6	234	101	535 5	226 16	30	110	331 5	22 16	
				118				114	
	1348	498			246	004		118	
	246	004						232 MTRS	
+	1102	494							
T.B.M. #20									T.B.M. #20
									OLD RIDGE RT., 0.25 MI.
									SO. OF B.M. 208-49
									E. OF RD.

T = 96°
T = 180°

WEATHER CLEAR & CHAM INST. NO. 75234
TIME 10:00 A.M. ROD NO. 9619
NOTES CHKD. [signature] DATE

F.B. 2479 PG. 102 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVELING
SURVEY BY Bowers NOTES R. ANDERSON 8/7/69
INDEXED R.L. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 208-50									FROM B.M. 208-50 TO B.M. 208-51A (USGS 2807, L.A.)
				26				295	B.M. 208-50
1	18	589	369 5	10 16	295	422	596 5	287 1/2 16	OLD RIDGE RT. ~~0.7~~ 9.0 MI. NO.
				56				286	OF CASTAIC UN. SCHOOL - N.E.
2	44	116	345 5	32 24	275	340	576 5	264 22	OF RD.
				44 40		302		270 38	F.B. 3721-117
3	29	270	330 5	14 30	256	~~347~~	557 5	242 28	
				116 70				218 66	
4	106	368	407 5	96 20	205	160	506 5	192 26	
				90				92	
~~5~~	198	343	✓ ~~5~~		1032	224	✓	90	
					198	343	✓	182	MTRS ⊼ RODRIGUEZ
~~6~~					833	881	✓ ~~5~~		
B.M. 208-51A									B.M. 208-51A (Calif. Water Res. Ang. Tun. Prod. II)
									OLD RIDGE RT., ~~8.25 MI.~~
									150' SOUTH OF U.S. FORESTRY
									RD. NO. 6N32 - E. SIDE OF
									RD.
									F.B. 3721-119

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

SURVEY BY R.C. ROWERS

NOTES BY R. ANDERSON DATE 8/4/69

INDEXED C. LIGALLI DATE SEP 1 '69

WEATHER CLEAR & WIND INST. NO. 76

TIME 1:25 P.M. ROD NO. 9919

NOTES CHKD. [illegible] DATE

T = 104°

T = 104°

F.B. 2479 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-51A TO B.M. 208-50
B.M. 208-51A									B.M. 208-51A (~~Calif Water Res.~~ ANG. TUN. PROD. II)
				219				118	OLD RIDGE RT., 150' ± SO.
1	206	480	507 5	193 26	107	809	408 5	96 22	OF FORESTRY RD. NO. 6N32
				267				40	E. SIDE OF RD.
2	253	419	554 5	239 28	26	062	327 5	12 28	F.B. 3721-119
				289 54				58 50	
3	278	600	579 5	267 22	46	661	347 5	34 24	
				293 76				24 74	
4	293	892	594 5	281 (1/2) 18	17	701	318 5	10 14	
				94				88	T RODRIGUEZ
	1032	391			198	233		94	
	198	233						182	MTRS
+	834	158							
B.M. 208-50									B.M. 208-50 (USGS, 2807, L.A.)
									OLD RIDGE RT., ~~0.7~~ 9.0 MI.
									NO. OF CASTAIC UN. SCHOOL NE. OF RD.
									F.B. 3721-117

T = 1060
T = 1080

WEATHER CLEAR & CALM INST. NO. 75234
TIME 11:15 A.M. ROD NO. 9819
NOTES CHKD [illegible] DATE

JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVELNET
SURVEY BY BOWERS NOTES R. ANDERSON 8/5/69
INDEXED [illegible] DATE

F.B. 2479 PG. 104

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-50 TO B.M. 208-51A
B.M. 208-50									B.M. 208-50 (USGS, 2807, L.A.)
				30				301	OLD RIDGE RT., 9.0 MI.
1	23	917	324 5	16 14	301	591	602 5	289½ 12	N'LY OF CASTAIC UN SCHOOL
				58				290	N.E. OF RD.
2	47	569	348 5	36 22	278	343	579 5	266 24	F.B. 3721-117
				36 36				263 36	
3	22	759	323 5	8 28	249	671	550 5	235 28	RERUN
				116 64				217 64	
4	105	401	406 5	94 22	204	289	505 5	191 26	
				86				90	T RODRIGUEZ
	199	646			1033	894		86	
					199	646		176	BTRS
					834	248			
B.M. 208-51A									B.M. 208-51A (Calif Water Res. Ang. Tun. Prod. 11)
									OLD RIDGE RT., 150' SOUTH
									OF U.S. FORESTRY RD. No. 6N32
									E. OF RD.
									F.B. 3721-119

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/7/69

INDEXED D.J. GALLI DATE SEP 8 1969

WEATHER Clear & Calm INST. NO. 75234

TIME 10:45 A.M. ROD NO. 9E19

NOTES CHKD [illegible] DATE

T = 98°

T = 98°

F.B. 2479 PG. 105

76P526 CE # 308 3-65

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

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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. ROWERS WEATHER CLEAR T = 104° T = 102°
NOTES BY R. RAMEROSO DATE 8/4/69 TIME 1:35 P.M. ROD NO. 9 & 19
INSPECTED F.J. RAMA DATE 8/5/69 NOTES CHKD. DATE
F.B. 2472 Pg. 107

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-51A TO T.B.M. #21 (Capt. station Rec. Mag. Rec. 150 ft Pkcoll)
B.M. 208-51A				226				100	B.M. 208-51A
1	209	883	510 5	192 34	84	800	385 5	68 32	OLD RIDGE RT., 8.26 MI. N.W. OF DIRT RD. (U.S. FORESTRY
				232				81	No. 6N32) E. SIDE OF RD.
2	223	216	524 5	214 18	71	891	372 5	61 20	F.B. 3721-119
				260 52				86 52	
3	240	586	541 5	230 20	76	688	377 5	66 20	
				258 72				65 72	
4	247	930	548 5	236 22	54	012	355 5	43 22	T. RODRIGUEZ
				258 94				76 94	
5	247	402	548 5	236 22	65	561	366 5	54 22	
				248 116				93 116	
6	239	940	540 5	230 18	83	383	384 5	73 20	
				260 134				85 136	
7	241	011	542 5	232 18	76	029	377 5	67 18	
				280 152				100 154	
8	268	677	569 5	256 24	89	129	390 5	78 22	
				254 176				90 176	
9	241	901	542 5	228 26	76	932	377 5	62 28	
				238 202				92 204	
10	226	867	527 5	214 24	80	742	381 5	68 24	
				226 226				43 228	
~~T.B.M. #21~~ 11	214	091	515 5	202 24	29	760	336 5	17 26	T.B.M. #21
				259 250				63 254	OLD RIDGE RT. 0.5 ~~7.76~~ MI. SW.
12	245	048	546 5	236 10	54	827	355 5	45 18	OF DIRT RD. (U.S. FORESTRY No.
T.B.M. #21	2847	146	✓	268	843	754	✓	272	6N32) - W. SIDE OF RD.
	843	754	✓					268	
+	2003	392	✓					540	STEEL

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 9819 DATE 2-55

NOTES CHKD Adams

WEATHER CLEAR & CALM

TIME 10:25 A.M.

NOTES R. Anderson 8/5/69

JOB NO 0334.02

INDEXED C.L.C.

DATE

SURVEY BY Boggs

SURVEY OF Los Angeles COUNTY PRECISE [illegible]

F.B. 2479 PG. 108

T. = 96°
T. = 106°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM T.B.M. #21 TO B.M. 208-51A
T.B.M. # 21				64				256	T.B.M. #21
1	56	172	357.5	48 16	247	629	548 5	238 18	OLD RIDGE RT. 0.5MI. Sw. of BM 208-51A.
				45				229	W. side of Rd.
2	33	280	339 5	21 24	217	030	518 5	205 24	
				92 40				238 42	
3	79	092	380 5	66 26	225	851	526 5	212 26	
				80 66				296 68	
4	68	509	369 5	56 24	232	717	533 5	218 28	
				100 90				285 96	
5	88	102	389 5	76 24	274	909	576 5	263 22	T RODRIGUEZ
				96 114				252 118	
6	85	397	386 5	75 20	243	522	544 5	234 18	
				98 134				252 136	
7	88	199	389 5	78 20	244	411	545 5	236 16	
				76 154				258 152	
8	65	520	366 5	54 22	247	392	548 5	236 22	
				66 176				259 174	
9	54	713	355 5	43 22	248	217	549 5	237 22	
				86 198				250 196	
10	76	039	377 5	66 20	240	419	541 5	230 20	
				83 218				229 216	
11	73	631	374 5	63 20	224	640	525 5	214 20	
				99 238				226 236	
12	83	920	384 5	67 32	209	288	510 5	192 34	
B.M. 208-51A	852	574 ✓		270	2856	025 ✓		270	B.M. 208-51A (Dept. under Rec. Asst. Tun. Prod. II)
					852	574 ✓		270	.50 ft. to NW.
				-	2003	451 ✓		540	OLD RIDGE RT., [illegible] OF DIRT RD. (U.S. FORESTRY) GN3L
									F.B. 3721-119 E. SIDE RW

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M. #21									FROM T.B.M. #21 TO T.B.M. #22
1	293	059	594 5	293 / 280 (½ 26	10	348	311 5	22 / 10 (½ 24	T.B.M. #21 OLD RIDGE RT., ~~2.25~~ 0.5 MI. ~~NW~~ SO. OF DIRT RD. (U.S. FORESTRY No. 6N32) W. SIDE OF RD
2	260	588	561 5	269 / 251 18	44	052	345 5	54 / 34 20	
3	258	535	559 5	266 44 / 250 16	60	168	361 5	68 44 / 52 16	
4	251	331	552 5	260 60 / 242 18	45	981	346 5	54 60 / 36 18	
5	279	~~959~~ 802	580 5	288 78 / 270 18	14	951	315 5	25 78 / 3 22	T RODRIGUEZ
6	284	452	585 5	296 96 / 272 24	68	777	369 5	79 100 / 55 24	
7	245	652	546 5	272 120 / 218 54	113	762	414 5	139 124 / 85 54	
8	196	272	497 5	221 174 / 171 50	58	482	359 5	82 178 / 34 48	
9	252	922	553 5	264 224 / 240 24	49	230	350 5	59 226 / 39 20	
10	244	931	545 5	252 248 / 236 16	28	731	329 5	38 246 / 18 20	
				264				266	
	2567	544			494	482		264	
	494	482						530	
T.B.M. #22 +	2073	062							T.B.M. #22 OLD RIDGE RT., 0.9 MI. SO. of BM 208-51A E. of Rd.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/4/69

WEATHER CLEAR & LT. WIND INST. NO. 76234

TIME 2:20 P.M. ROD NO. 9819

T = 102°
T = 100°

F.B. 2479 Pg. 109

NOTES CHKD. [illegible] DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F = 98°
T = 96°

WEATHER Clear/Calm INST. NO. 76239
TIME 9:50 A.M. ROD NO. 9 & 10
NOTES CHKD DATE

F.B. 2479 PG. 110

SURVEY OF Hdqs COUNTY PRECISE LEVELING NET 0330.02
SURVEY BY Gowers NOTES R. Amerson 8/15/69
INDEXED DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM T.B.M. #22 TO T.B.M. #21
T.B.M. #22											T.B.M. #22
				41					258		OLD RIDGE RT. 0.9 MI. So.
1	34	361	335	24	20	250	738	551	242	16	of BM 208-51 A
				69					276		W. of Rd.
2	59	978	360	49	20	263	382	564	250	26	
				81	40				219	42	
3	56	812	357	31	50	194	722	496	169	50	
				140	90				222	92	
4	114	422	416	88	52	246	202	475	220	52	
				78	142				296	144	
5	67	511	368	56	22	283	819	589	270	26	
				24	164				286	170	
6	13	162	314	13	22	277	243	578	268	18	T Rodriguez
				64	186				270	188	
7	56	436	357	48	16	262	793	563	254	16	
				60	202		232		257	204	
8	51	821	352	42	18	249	~~232~~	560	241	16	
				52	220				268	220	
9	43	642	344	34	18	259	620	560	250	18	
				77	238				298	238	
10	15	038	316	3	24	298	341	599	286	12 26	
					262					264	
	513	183	✓			2586	092	✓		262	
T.B.M. #21						513	183	✓		526	T.B.M. #21 0.5 So
					—	2072	909	✓			OLD RIDGE RT., ~~7.15~~ MI. ~~NW~~
											OF DIRT RD. (U.S. FORESTRY
											No. 6 N 32) W. SIDE OF RD

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM T.B.M #22 TO BM 208.52A
T.B.M #22									T.B.M #22
				198				120	Old Ridge RTE 0.9 mi. So. of
1	189	457	490 5	180 18	111	222	412 5	102 18	BM 208.51A ON E. side
				215				143	of RD.
2	199	457	500 5	183 32	126	540	427 5	109 34	
				109 50				292 52	
3	97	274	398 5	83 26	279	058	580 5	266 26	
				30 74				299 78	
4	21	051	322 5	12 18	291	832	592 5	281 18	
				37 94				266 96	
5	33	654	334 5	29 08	262	911	563 5	256 10	
				24 102				296 106	$\bar{\pi}$ = C. Johnson
6	21	651	322 5	16 08	291	258	592 5	286 10	
				86 110	264	253		268 116	
7	82	082	383 5	78 08	~~253~~	~~264~~	565 5	260 08	
				42 118				296 129	
8	34	388	335 5	26 16	296	851	597 5	290½ 12	
		101		32 134				291 136	
9	26	~~501~~	327 5	20 12	286	757	587 5	281 10	
				22 146				278 146	
10	17	603	318 5	12 10	273	623	574 5	268 10	
				43 156			558 5	262 156	
11	38	708	339 5	33 10	257	725	~~725~~ 5	252 10	
				32 166				296 166	
12	26	391	327 5	20 12	291	799	592 5	284 12	
				178				178	

FORWARD RUN CONT TOP REVERSE P9

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez DATE 8-7-69

INDEXED C.J. GALLI DATE

WEATHER Clear TIME 11:10

NOTES CHKD. [illegible] DATE

INST. NO. 26234

ROD NO. 9819

F.B. 2479 PG. 111

T = 93°
T = 100°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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.BM #22 TO BM 208-52A
	FORWARD RUN CONT BOTT REVERSE P9								
				32 178				208 178	
13	25	322	326 5	16 16	200	034	501 5	192 16	
				166 194				128 194	
14	156	051	457 5	146 20	118	040	419 5	108 20	
				214				214	
	969	190			335	1903		214	
					969	190		428 MTRS	
				-	238	2713			
									π = C. JOHNSON
BM 208-52A									BM 208-52A (Calif Water Res CM-27) Old Ridge Rte & Templin Highway) S.E. COR FB 3736-121

F.B. 2479 Pg. 112 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES Rodriguez 8-7-69

INDEXED O.L. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T = 93°
T = 100°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY Rodriguez R. DATE 8-11-69

INDEXED C. J. GAIT DATE

WEATHER Clear

TIME 1:00

NOTES CHKD [illegible] DATE

F.B. 2479 PG. 113

T=95

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-52A TO T.B.M #22
		BACK RUN		CONT	BOTT	REVERSE	PG		
				166				168	
13	128	298	429 5	144 112 32	201	420	502 5	217 185 32	
				198				200	
14	113	454	414 5	122 104 18	191	053	492 5	200 182 18	
				216				218	
								216	
	3327758				943359			434	MTRS
	943359								
+	2384399								
									T = C. Johnson
T.B.M #22									T.B.M #22, old Ridge RTE 0.9 mi. SO of BM 208-51A ON E, side of Rd

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-52A TO T.BM #22
B.M 208-52A									BM 208-52A (Calif water Res C-27)
1	116	443	417 5	126 106 20	155	703	456 5	166 144 22	Old Ridge RTE & Templin Hwy, S.E. COR
2	194	531	495 5	202 186 16	19	253	320 5	28 10 18	F.B 3721-121
3	263	634	564 5	269 257 36 12	10	741	311 5	16 4 40 12	
4	274	073	575 ~~578~~ 5	280 268 48 12	40	429	341 5	45 35 52 10	
5	281	382	582 5	286 276 60 10	26	883	327 5	32 20 62 12	
6	283	462	584 5	288 278 70 10	21	518	322 5	26 16 74 10	T = C. Johnson
7	283	873	584 5	290 276 80 14	18	483	319 5	26 10 84 16	
✓ 8	269 ~~18~~	122 ~~483~~	570 ~~319~~ 5	~~264~~ 273 ~~10~~ 265 94 08	71	134	372 5	74 ~~60~~ 68 100 06	
9	278	862	579 5	282 274 102 08	27	862	328 5	32 22 106 10	✓✓
10	260	863	561 5	265 255 110 10	30	774	331 5	33 23 116 06	
11	292	070	593 5	302 282 120 20	24	898	325 5	34 14 122 20	
12	287	691	588 5	300 274 140 26	103	228	404 5	116 90 142 26	
				166				168	

BACK RUN CONT TOP REVERSE P9

T = 95°
T =

WEATHER Clear INST. NO. 75234
TIME 1:00 ROD NO. 9-19
NOTES CHKD [illegible] DATE

SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY R.L.B. NOTES Rodriguez 8-11-69
INDEXED B.L. GALLI DATE

P.S. 2479 PG. 114 JOB NO. 0301-02

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-52A TO T.B.M. #22
Bk. Run Cont from Bot. Rev.				162	Side of Pg.			162	
				178				220	
13	160	458	461 5	142 36	203	469	504 5	186 34	
				100 / 98				194 196	
14	89	170	390 5	78 22	183	525	484 5	172 22	RERUN
				220				218	
	3377	966			993	060		220	π RODRIGUEZ
	993	060						438	MTRS
+	2384	906							
T.B.M. #22									T.B.M. #22 OLD RIDGE RT. 0.9 MI. SO. OF B.M. 208-51 A E. OF RD

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

SURVEY BY P. C. ROWERS WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 8/19/69 TIME 9:15 A.M. ROD NO. 9019

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

T = 82°
T = 88°

F.B. 2479 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 RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 208-52A									FROM B.M. 208-52A TO T.B.M. #22
				136				176	B.M. 208-52A (CALIF. W. RES. C-27)
1	126	772	427 5	116 20	165	312	466 5	154 22	OLD RIDGE RT. & TEMPLIN
				211				48	HWY, S.E. COR.
2	203	561	504 5	193 18	39	969	340 5	30 18	F.B. 3721-121
				292 38				16 40	
3	286	252	587 5	280 12	10	392	311 5	4 12	RERUN
				281 50				60 52	
4	276	502	577 5	271 10	55	558	356 5	50 10	
				284 60				30 62	T RODRIGUEZ
5	279	685	580 5	274 10	24	106	325 5	18 12	
				276 70				42 74	
6	271	088	572 5	266 10	37	082	338 5	32 10	
				297 80				16 84	
7	297	660	598 5	290 ½ 14	9	600	310 5	2 14	
				276 94				90 98	
8	271	832	572 5	266 10	87	571	388 5	84 6	
				280 104				20 104	
9	275	590	576 5	270 10	15	906	316 5	10 10	
				254 114				75 114	
10	248	482	549 5	242 12	71	158	372 5	67 8	
				295 126				36 122	
11	289	252	590 5	283 12	28	551	329 5	20 16	
				301 138				72 138	
12	301	662	602 5	289 ½ 24	60	861	361 5	48 24	
				162				162	

(CONT'D TOP OF REVERSE PG)

F.B. 2479 PG. 116 JOB NO. 030602

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY BOWERS NOTES R. ANDERSON 8/19/69

INDEXED [illegible] DATE

WEATHER CLEAR & CALM INST. NO. 75239

TIME 9:15 A.M. ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

T = 82°

T = 88°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/19/66

INDEXED C.L. CALLI DATE

WEATHER CLEAR & CALM

TIME 10:20 A.M.

NOTES CHKD [illegible] DATE

T=94°

T=94°

F.B. 2479 PG. 117

INST. NO. 75234

ROD NO. 9 & 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M. #22									FROM T.B.M. #22 TO B.M. 208-52A
				264				117	T.B.M. #22
1	243	361	544 5	222 42	96	259	397 5	75 42	OLD RIDGE RT., 0.9 MI.
				160				292	SOUTH OF B.M. 208-51A
2	143	310	444 5	126 34	292	771	593 5	276½ 32	E. OF RD.
				40 76				300 74	RERUN
3	31	607	332 5	22 18	290	392	591 5	280 20	
				30 94				259 94	RODRIGUEZ
4	25	002	326 5	20 10	255	708	556 5	251 8	
				24 104				299 102	
5	18	820	319 5	12 12	299	356	600 5	292½ 14	
				46 116				288 116	
6	41	202	342 5	36 10	283	733	584 5	278 10	
				30 126				288 126	
7	24	456	325 5	18 12	282	957	583 5	276 12	
				36 138				269 138	
8	30	681	331 5	24 12	264	648	565 5	259 10	
				28 150				285 148	
9	23	342	324 5	18 10	279	226	580 5	273 12	
				34 160				270 160	
10	28	740	329 5	22 12	265	716	566 5	260 10	
				14 172				297 170	
11	8	877	309 5	2 12	297	468	598 5	290½ 14	
				43 184				142 184	
B.M. 208-52A	26	449	327 5	9 34	122	621	423 5	102 40	(C-27)
	645	847		218	3030	855		224	B.M. 208-52A (CALIF. W. RES.)
					645	847		218	OLD RIDGE RT. & TEMPLIN
				—	2385	008		442	HWY - S.E. COR.
									F.B. 3721-121

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ DATE 8-7-69

NOTES CHKD. [illegible] DATE [illegible]

WEATHER Clear

TIME 2:20

T = 100 T = 105

F.B. 2479 Pg. 119

INST. NO. 25214

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM208-52A.									FROM BM208-52A TO BM 208-52
				263				23	BM208-52A (Calif Water-RDSC-27)
1	249	913	550 5	235 28	10	270	311 5	10 ½ 26	Old Ridge Rte & Templin Hwy
				292				32	S.E. COR
2	285	158	586 5	278 14	25	747	326 5	18 14	F.B. 3736-121
				~~295~~ 300 42				48 40	
3	295	306	596 5	290 ½ 10	42	520	343 5	36 12	
				293 52				28 52	
4	287	248	588 5	281 12	21	438	322 5	14 14	
				291 64				58 66	
5	286	937	587 5	281 10	53	908	354 5	48 10	
				296 74				30 76	$\bar{\pi}$ = R.C. BOWERS
6	290	046	591 5	284 12	24	722	325 5	18 12	
				301 86				41 88	
7	295	623	596 5	289 12	35	000	336 5	29 12	
				300 98				18 100	
8	293	413	594 5	286 14	9	460	310 5	9 (½ 18	
				296 112				16 118	
9	288	058	589 5	280 16	8	533	309 5	0 16	
				223 128				99 134	
10	214	608	515 5	205 18	92	509	393 5	85 14	
				146				148	
	2786	310			324	107		146	
	324	107						294 MTR	
+	2462	203							
BM208-52									BM208-52 (USCGS P-450)
									Old Ridge RTE. 7.85 Mi
									No,

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 BM208-52 TO B.M 208-52A
BM208-52									BM 208-52 (U.S.L.G.S) ('P450) Old Ridge RTE. 7.85 mi No, of Castaic-Union School F.B 3721-121
1.	95	782	396 5	103 87 16	216	864	517 5	225 207 18	
2.	09	340	310 5	17 9 (1/2 16	290	189	591 5	296 284 12	
3.	08	999	309 5	18 8 (1/2 32 20	292	396	593 5	300 284 30 16	
4.	27	229	328 5	32 22 52 10	288	122	589 5	294 282 46 12	
5	14	638	315 5	20 8 62 12	278	668	579 5	283 273 58 20	
6	43	873	344 5	48 38 74 10	277	764	578 5	282 272 78 10	
7	08	645	309 5	16 08 (1/2 84 16	274	900	575 5	280 268 88 12	π = R.C. BOWERS
8	24	367	325	30 18 100 12	276	877	577 5	282 270 100 12	
9	16	675	317 5	23 9 112 14	276	548	577 5	282 270 112 12	
10	11	464	312 5	24 11 (1/2 126 26	250	841	551 5	264 236 129 28	
	261	012		139 152	2723	169		152	
					261	012		152	
								304	MTRS
BM208-52A				—	2462	157			BM 208-52A (Calif-Water Res) (C27) Old Ridge RTE & Templin Hwy. S.E. COR. F.B 3726-121

F.B. 2479 Pg. 120 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R.L.B. NOTES Rodriguez-8-11-68

INDEXED G.L. GALLI DATE

WEATHER Clear TEMP 95°

TIME 11:15

NOTES CHKD [illegible]

INST. NO. 75231

ROD NO. 9-17

DATE

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY E.C. Bowers
NOTES BY RCB
COMPUTED C.L. GALL
DATE 8/6/62
NOTES CHKD. [illegible]
DATE [illegible]
WEATHER Clear T=98° T=100°
TIME 11:00
INST. NO. 2338
ROD NO. 219
F.B. 2977 Pg. 121

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-S2 TO TBM # 23
BM 208-S2									BM 208-S2 (USC&GS P-450) Old Ridge Rt., 7.85 Mi. No. of Castaic, E. of Rd. F.B. 3721-121
1	97	553	398 5	105 89 16	219	317	520 5	228 210 18	
2	11	980 ~~926~~	312 5	19 3 16	254 ~~11~~	601	555 5	262 246 16	
3	118	941	419 5	136 100 36	287	690	588 5	287 (½) 270 34	
4	12	623	313 5	28 12 (½) 32	293	699	594 5	293 (½) 276 34	T Rodriguez
5	~~55~~	230	356 5	70 40 30	197	920	498 5	211 183 28	
6	84	807	385 5	98 70 28	239	507	540 5	254 224 30	
7	20	073	321 5	48 20 (½) 56	283	921	584 5	283 256 (½) 54	
8	29	712	330 5	42 16 26	231 ~~230~~	032	532 5	244 218 26	
9	55	307	356 5	80 30 50	225	409	526 5	250 200 50	
10	94	970	395 5	113 75 38	211	879	512 5	234 188 46	
	581	196		328	244	975		336 328	
					581	196		664	
TBM # 23				–	1863	779			TBM # 23 Old Ridge Rt., 0.3 Mi. So. of B.M. 208-S2 E. of Rd.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 122 — SURVEY OF L.A. COUNTY PRECISE LEVEL NET — SURVEY BY R&G — NOTES R&B 9/4/69 — INDEXED C.A.Hall — DATE — 030102

INST. NO. 2234 — ROD NO. 2&1 — DATE — WEATHER Clear Calm — TIME 10:45 — NOTES CHKD 8 Jm

T=97° 7-95°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM TBM#23 TO BM-208-52
TBM#23									TBM#23 Old Ridge RTE. 0.30 MI SO. of BM 208-52 E. SIDE of Rd
1	203	371	504.5	224 182 42	86	538	387.5	106 66 40	
2	221	591	522.5	245 197 48	51	449	352.5	74 28 46	
3	229	272	530.5	242 216 26 90	29 30	279	330.5	47 76 26 86	
4	283	561	584.5	283 256 (½) 54 116	18	416	319.5	45 18 (½) 57 112	
5	239	441	540.5	254 224 30 170	85	667	386.5	100 70 30 166	K = RODRIGUEZ
6	191	360	492.5	204 178 26 200	47	702	348.5	62 32 30 196	
7	293	341	594.5	293 276 (½) 34 220	12	599	313.5	28 12 (½) 32 226	
8	285	602	586.5	285 268 (½) 34 260	116	232	417.5	134 98 36 258	
9	252	423	553.5	260 244 16 294	9	515	310.5	17 3 14 294	
10	216	526	517.5	224 208 16 310	95	452	396.5	163 67 16 308	
				326				324 ✓	
BM 208-52	2416	488	✓		552	849	✓	326 ✓	BM 208-52 (USC&GS P-450)
	552	849	✓					650	Old Ridge Rt., 7.85 MI. No. of Castaic, E. of Rd.
	+ 1863	639	✓						F.B. 3721-121

76P526 CE # 308 3-65

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

SURVEY BY R.C. Bowers

NOTES BY R.C.B. DATE 8/8/69

INDEXED E.T. CALLE DATE [illegible]

WEATHER Clear-Calm INST. NO. 25234

TIME 1:00 ROD NO. 9 & 19

NOTES CHKD [illegible] DATE [illegible]

T=110° T=102°

F.B. 2479 PG. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM TBM#23 TO BM 208-53
TBM#23									TBM#23 Old Ridge Rt., 0.3 mi. So. of BM 208-52, E. of Rd
1	77	644	378 5	91 63 28	181	465	482 5	195 167 28	
2	116	710	417 5	141 91 50	204 ~~240~~	057	505 5	230 178 52	
3	71	792	372 5	100 42 78 58	300	124	601 5	300 274 (1/2) 80 52	
4	42	036	343 5	53 29 136 24	294	003	595 5	294 281 (1/2) 132 26	π Rodriguez
5	20	213	321 5	31 9 160 22	271	201	572 5	281 261 158 20	
6	38	626	339 5	48 28 182 20	296	596	597 5	296 284 (1/2) 178 24	
7	33	750	334 5	44 22 202 22	296	603	597 5	296 284 (1/2) 202 24	
8	23	851	324 5	35 11 224 24	270	695	571 5	282 258 226 24	
				248				250	
	424	622			2114	744		248	
					424	622		498	
					1690	122			
BM 208-53									BM 208-53 (USC&GS U-970) Old Ridge Rt., 7.1 mi. No. of Castaic F.B. 3721-123

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F.B. 2479 Pg. 124 | JOB NO 230482 | SURVEY OF L.A. COUNTY PRECISE LEVELING | SURVEY BY RCB NOTES RCB 8/4/69 | INDEXED C.L.GALLI DATE

WEATHER Clear T=90° T=110° | TIME 10:20 | NOTES CHKD Dillon | ROD NO 2 Hill | DATE 8/4/69 | INST. NO 25234

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 208-53 TO TBM #23
BM 208-52							BM 208-53 (USC&GS V-970) Old Ridge Rt., 7.1 Mi. No. of Castaic F.B. 3721-123
1	271 822	572 5	284 258 26	23 444	324 5	35 11 24	
2	283 869	584 5	295 271 24 50	22 689	323 5	33 11 22 46	
3	292 055	593 5	292 280 (½) 24 74	34 674	335 5	44 24 20 66	
4	266 271	567 5	275 257 18 92	14 323	315 5	26 2 24 90	⊼ Rodriguez
5	291 003	592 5	291 280 (½) 22 114	38 763	339 5	50 26 24 114	
6	295 395	596 5	295 269 (½) 52 166	67 462	368 5	96 38 58 172	
7	200 182	501 5	226 174 52 218	113 265	414 5	138 88 50 222	
8	182 224	483 5	197 167 30 248	77 872	378 5	90 64 26	✓
	2082 815	✓		392 492	✓	248	✓
	392 492	✓				248	✓
+	1690 323	✓				496	
TBM #23							TBM #23 Old Ridge Rt. 0.3 Mi. So. of BM 208-53 E. of Rd.

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers WEATHER Clear INST. NO. 35234
NOTES BY Rodriguez DATE 8-8-69 TIME 1:45 ROD NO. 2-11
INSPECTED R.J. Dahl DATE 8-8-69 NOTES CHKD (W.J.Z.) DATE 10-24-69

T=102.
T=102

F.B. 2477 Pg. 125

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-53 TO BM 208-54
BM 208-53									BM 208-53 (U.S.C.G.S.) (U-970)
									Old Ridge RTE - 7.1 mi No
				40				270	of Coastal Union School
1	32	210	333 5	24 16	261	041	562 5	252 18	F.B. 3721 · 125
				26				296	
2	14	739	315 5	2 24	296	769	597 5	283½ 24	
				26 40				244 44	
3	60	044	361 5	44 32	230	942	531 5	216 28	
				64 72				233 72	
4	44	519	345 5	24 40	213	363	514 5	193 40	
		345		60 112				300 112	
5	39	~~345~~	340 5	18 42	300	946	601 5	282½ 36	π = R.C. BOWERS
				39 154				293 148	
6	27	707	328 5	15 24	293	110	594 5	281½ 24	
				34 178				291 172	
7	23	850	324 5	12 22	290	081	581 5	269 22	
				34 200				299 194	
8	24	949	325 5	14 20	287	533	588 5	275 29	
				22 220				278 218	
9	11	903	312 5	0 22	247	169	568 5	256 22	
				42 242	254			267 240	
10	31	309	332 5	18 24	~~254~~	362	555 5	241 26	
				119 268				193 266	
BM 208-54 11	111	906	412 5	103 16	184	700	485 5	175 18	BM 208-54 (U.S.C.G.S.) (1964)
				107 284				122 284	Old Ridge RTE 6.02 mi No. of
12	185	349	406 5	101 08	118	151	419 5	114 08	Coastal Union School TO
	527	830		272	2988	173 ✓		292	Stucco hse W. side of Rd
					527	830 ✓		292	
				-	2460	343 ✓		584	HTRS

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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 BM208-54 TO BM208-53
BM208-54									BM208-54 (U.S.C.G.S.) (1968) Old Ridge Rte. 6.02 mi. No of Castaic Union School F.B 3721-125
1.	119	624	420 5	123 115 08	106	488	407 5	109 103 06	
2	175	291	476 5	184 166 18	102	819	403 5	110 94 16	
3.	245	932	546 5	258 232 26 26	26	340	327 5	39 13 22 26	
4.	270	018	571 5	280 260 52 20	11	331	312 5	22 0 48 22	
5.	283	219	584 5	294 272 72 22	20	109	321 5	32 8 70 24	
6.	277	924	578 5	288 266 94 22	22	680	323 5	34 10 94 24	$\overline{\wedge}$ = BOWERS RC
7.	293	893	594 5	293 281 (1/2 116 24	27	543	328 5	39 15 118 24	
8.	289	255	590 5	289 271 1/2 140 28	28	384	329 5	49 7 142 42	
9.	215	131	516 5	236 194 176 42	46	546	347 5	65 27 184 38	
10.	232	498	533 5	248 216 218 32	61	193	362 5	76 46 222 30	
11.	294	234	595 5	294 281 1/2 260 26	11	700	312 5	23 11 1/2 252 24	
12.	259	767	560 5	268 250 276 18	31	430	332 5	40 22 276 18	
BM208-53	2956	786	✓	294	496	563	✓	299	BM208-53 (U.S.C.G.S.) (V.970) Old Ridge Rte. 7.1 mi No of Castaic-Union School F.B 3721-123
	496	563	✓					294	
+	2460	223	✓					588	

F.B. 2479 PG. 126 JOB NO. 03102 SURVEY OF L.A. COUNTY PRECISE LEVEL NET SURVEY BY RCB NOTES Rodriguez 8-11-69 INDEXED G. L. GALLI DATE

T = 84° T = 90° WEATHER Clear TIME 9:45 NOTES CHKD [signature] DATE INST. NO. 75234 ROD NO. 9-19

76P526 CE # 308 3-65

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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. 030102 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers
NOTES BY C. Bowers DATE 8/13/69 WEATHER Clear INST. NO. 15434
INDEXED BY [illegible] DATE [illegible] TIME 1400 ROD NO. 9-14
NOTES CHKD [illegible] DATE [illegible]
F.B. 2479 Pg. 127

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 208-54 TO Bm 208-55
Bm 208-54					41					285	Bm 208-54 OLD RIDGE RT
1	30	623	331	5	19 22	274	202	575	5	263 22	6.02 MI NO CASTAIC UNIO
					28					290	SCHOOL, W. SIDE OF RD
2	17	293	318	5	6 22	279	847	580	5	268 22	FB. 3721-125
		763			24 44					277 44	
3	14	~~763~~	315	5	4 20	267	482	568	5	257 20	
					33 64					288 64	
4	22	112	323	5	11 22	276	792	577	5	264 ~~22~~	24
					27 86					180 86	88
5	16	634	317	5	5 22	269	398	570	5	258 22	
					22 108					291 ~~108~~	110 T-ANDERSON
6	11	010	312	5	0 22	279	522	380	5	267 24	
					28 130					276 ~~132~~	134
7	17	310	318	5	6 22	266	218	567	5	256 20	
					29 152					268 ~~152~~	154
8	19	727	320	5	9 20	258	800 860	559	5	248 20	
					100 172					187 ~~172~~	174
9	97	230	398	5	94 6	184	263	485	5	181 6	
					119 178					80 ~~178~~	180
10	114	632	415	5	109 10	75	139	376	5	70 10	
					188					~~188~~	190 ✓
	360	734	✓			2431	663	✓		188	
						360	734	✓		~~376~~	MTRS
					-	2070	929	✓		378	
BM208-55											Bm 208-55 (USC & GS N450)
											OLD RIDGE RT 6.45 MI NO
											CASTAIC UNIO SCHOOL W SIDE
											OF RD F.B. 3721-129

t = 93°
t = 77°

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F.B. 2479 Pg. 128 | JOB NO 030.02 | SURVEY OF U.S.C. COUNTY PRECISE LEVELNET | SURVEY BY RCB | NOTES C.J.Gall | DATE 7/14/69 | INDEXED | NOTES CHKD [illegible] | DATE | WEATHER t=102° t=112° | TIME 1430 | ROD NO. F-19 | INST. NO. 15214 | DATE 7-28-69

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM Bm 208-55 TO Bm 208-54
Bm 208-55				38					98		Bm 208-55 (Sec 4 T2S R14W) OLD RIDGE RT 6.45 MI NO Union School WEST SIDE OF RD
1	52	362	353	5	46 12	92	250	393	5	86 12	
					186					98	
2	182	748	483	5	178 8	94	660	395	5	90 8	F-B. 3721-129
					265 20					26 20	
3	255	383	536	5	245 20	16	218	317	5	6 20	
					262 40					20 40	
4	252	352	553	5	242 20	10	709	311	5	0 20	
					298 60					21 60	
5	285	581	586	5	272 26	16	962	311	5	10½ 22	
					277 86					21 82	
6	266	032	567	5	255 22	10	881	311	5	10½ 22	T ANDERSON
					281 108					26 ~~108~~ 104	
7	270	302	571	5	259 22	15	915	316	5	4 22	
					268 130					26 ~~130~~ 126	
8	258	710	559	5	248 20	16	348	317	5	6 20	
					362 130					28 ~~150~~ 146	
9	290	583	591	5	278 24	17	818	318	5	6 22	
					284 174					43 ~~172~~ 168	
16	274	795	575	5	264 20	32	308	333	5	21 22	
					~~194~~					~~194~~ 190 ✓	
	2388	788	✓			318	069	✓		194 ✓	
	318	069	✓							~~388~~ MHRS	
BM 208-54										384 ✓	
+	2070	719	✓								Bm 208-54 OLD RIDGE RT 6.02 MI NO CASTAIC Union School F.B. 3721 125

76P526 CE # 308 3-65

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

SURVEY BY R.C. Bowers

NOTES BY C. Johnson DATE 8/19/69 WEATHER Clear INST. NO. 75234

INDEXED DATE TIME 1130 ROD NO. 9-19

F.B. 2479 Pg. 129

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-54 TO BM 208-55
Bm 208-54									BM 208-54
				42				284	OLD RIDGE RT 6.02 MI NO
1	31	669	332 5	20 22	273	892	574 5	262 22	CASTAIC UNION SCHOOL W. SIDE
				26				289	OF RD F.B. 3721
2	15	392	316 5	4 22	278	828	579 5	267 22	
				26 44				278 44	
3	16	701	317 5	6 20	268	045	569 5	258 20	
				22 64				274 64	
4	11	369	312 5	0 22	263	672	564 5	252 22	
				28 86				286 86	
5	17	950	318 5	6 22	275	476	576 5	264 22	
				30 108				300 108	
6	20	102	321 5	10 20	288	482	589 5	276 24	ANDERSON
				33 128				280 132	
7	21	832	322 5	9 24	270	350	571 5	260 20	
				22 152				261 152	RERUN
8	12	494	313 5	2 20	251	431	552 5	241 20	
				96 172				185 172	
9	93	237	394 5	90 6	182	572	483 5	179 6	
				112 188				71 188	
10	107	830	408 5	102 10	66	628	367 5	61 10	
	348	576		198	2419	376		198	
					348	576		198	
					2070	800		396	Mtrs
BM 208-55									BM208-55 (USC&GS N-450)
									Old Ridge Rt. 6.45 Mi. No. of
									Castaic, W. of Rd.
									F.B. 3721-129

76P526 CE # 308 3-65

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

SURVEY BY RC Bowers

NOTES BY C Johnson DATE 8/13/69 TIME 10.10 WEATHER Clear

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

F.B. 2479 PG. 131

INST. NO. 75234

ROD NO. 9-19

t = 97°

t = 100°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-55 TO BM 208-56
208-55 BM									Bm. 208-55 Old Ridge Rt 6.45 mi No. of Castaic Union School West side of RD (use & G S N-450)
1	19	058	320 5	24 14 10	234	428	535 5	239 229 10	
2	22	055	323 5	31 13 18	252	320	553 5	262 242 20	
3	72	318	373 5	81 28 63 18	277	820	578 5	286 30 268 18	
4	21	250	322 5	30 46 12 18	243	272	544 5	252 48 234 18	
5	12	420	313 5	22 64 2 20	250	401	551 5	259 66 241 18	
6	9	948	310 5	21 84 9 (½) 24	268	053	569 5	280 84 256 24	
7	22	354	323 5	32 108 12 20	237	845	538 5	247 108 227 20	Anderson
8	~~18~~ 17	919	318 5	27 128 7 20	254	403	555 5	264 128 244 20	
9	28	776	329 5	38 148 18 20	256	580	557 5	266 148 246 20	
10	22	848	323 5	32 168 12 20	251	952	552 5	261 168 241 20	
11	32	030	333 5	41 188 23 18	247	785	548 5	256 188 238 18	
12	24	257	325 ~~5~~	34 206 14 20	274	459	575 5	285 206 263 22	
~~15~~			~~5~~	226				228	

Cont top Reverse side of page

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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 BM208-55 TO BM208-56
	FWD RUN CONT			FROM FRUT SIDE OF PAGE					
				226				228	
				40				275	
13	31	610	332 5	22 18	266	886	567 5	257 18	
				26 244				251 246	
14	17	384	318 5	8 18	242	730	543 5	233 18	
				84 ~~264~~ 262				197 ~~264~~ 262	
15	79	843	380 5	74 10	192	413	493 5	187 10	
				98 ~~242~~ 242				151 ~~244~~ 244	
16	93	419	394 5	88 10	146	460	447 5	141 10	π Anderson
				~~284~~				284	
	527	489		282	3897	807		~~284~~ 282	
					527	489		~~568~~	M+Rs
					3370	318		566	
BM208-56									Bm. 208-56 OLD RIDGE RT 6.1 mi No OF CASTAIC UNION School, WEST OF RD F.B. 3721-129

T=97°
T=100°

WEATHER Clear-Calm INST. NO. 75234
TIME 10:10 Cont ROD NO. 9819
NOTES CHKD. [illegible] DATE

F.B. 2479 Pg. 132
SURVEY OF L.A. COUNTY PRECISE LEVEL NET JOB NO. 830102
SURVEY BY Bowers NOTES Johnson 8/13/69
INDEXED [illegible] DATE

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers
NOTES BY D. Johnson DATE 8/14/69 WEATHER Clear TIME 11:35
INSTRUMENT No. 1 ROD NO. 9-12
INDEXED BY CALC DATE CHKD BY DATE
F.B. 2479 Pg. 133
INST. NO. 25234

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
				Back Run Cont From Front Side of Page					From Bm 208-56 To BM 208-55
				254 220				33 220	
13	245	731	546 5	236 18	24	682	325 5	15 18	
				294 238				95 238	
14	284	644	585	274 20	85	022	386 5	75 20	
				272 258				41 258	
15	263	897	564 5	254 18	32	472	333 5	23 18	
				24 276				248 276	Anderson
~~16~~	~~19~~	~~763~~	~~320 5~~	~~14 10~~	~~242~~	~~311~~	~~543 5~~	~~236 12~~	
				~~286~~ 248				24 ~~288~~	
16	242	311	543 5	236 12	19	763	320 5	14 ~~286~~	
				288				574	M+Rs
	3922.633 ✓				552.254 ✓			10 ✓	
	552.254 ✓							286 ✓	
+	3370.379 ✓							288 ✓	
								574	M+Rs
BM 208-55									B.M. 208-55 (USC+GS) N-450) OLD RIDGE RT 6.45 MI. N. CRESCENTA VALLEY SCHOOL W. SIDE OF ROAD F.B. 3721-129

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2479 Pg. 134 JOB NO 03402
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Ks Barnes NOTES C Johnson 8/14/64
INDEXED C.L.GILL DATE
NOTES CHKD DATE
WEATHER 11:35 TIME
ROD NO. 9-19 INST. NO. 35234

T = 97°
T = 116°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-56 TO BM 208-55
BM 208-56									Bm 208-56 old Ridge Rt 6.4 mi no of Castaic Union School West side of Rd (~~west side~~)
				138				86	
1	133	686	434	5 128 10	81	295	382	5 76 10	
				201				88	
2	196	440	497	5 191 10	83	052	384	5 78 10	
				252 20				26 20	
3	242	515	543	5 232 20	17	601	318	5 8 18	
				275 40				38 38	
4	265	540	566	5 255 20	28	313	329	5 18 20	
				282 60				32 58	
5	271	113	572	5 260 22	23	248	324	5 14 18	
				259 82				42 76	
6	250	678	531	5 241 18	33	781	334	5 24 ~~76~~ 18	
				264 100				38 94	
7	256	037	557	5 248 16	29	061	330	5 20 18	
				266 116	~~29~~	~~052~~	~~326~~		
8	256	308	557	246 20	25	052	326	5 36 112	
				252 136				14 22	
9	242	700	543	5 232 20	10	290	311	5 20 134	
				266 156				0 20	
10	256	323	557	246 20	37	723	338	5 46 154	
				279 176				28 18	
11	267	700	568	5 255 24	10	084	311	5 24 172	
				256 200				10 28	
12	246	980	547	5 236 20	10	810	311	5 20 200	
				220				0 20	
								220	

cont top REVERSE SIDE OF PAGE

T-ANDERSON

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R C Bowers

NOTES BY C Johnson DATE 8/13/69

INDEXED G. LAGALLA DATE

WEATHER Clear-Calm INST. NO. 75234

TIME 11.00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

F.B. 2479 Pg. 135

t = 100°

t = 100°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
Bm 208-56									FROM Bm 208-56 TO Bm 208-57
				57				238	B.m. 208-56 OLD RIDGE Rt
1	50	202	351 5	43 14	231	892	532 5	224 14	6.1 mi North of Castaic Union
				42				273	School West of RD
2	32	852	333 5	22 20	262	120	563 5	251 22	F.B. 3721-129
				36 34				259 36	
3	26	634	327 5	16 20	250	121	551 5	241 18	
				37 54				263 54	
4	27	856	328 5	17 20	253	268	554 5	243 20	
				39 74				260 74	
5	29	148	330 5	19 20	250	278	551 5	240 20	
				46 94				245 94	
6	36	074	337 5	26 20	235	974	536 5	225 20	
				36 114				254 114	
7	26	012	327 5	16 20	244	458	545 5	234 20	
				37 134				273 134	⊼ = Anderson
8	28	034	329 5	19 18	262	241	563 5	251 22	
				68 152				235 156	
9	59	790	360 5	50 18	228	769	529	221 14	
				25 170				241 170	
10	16	482	317 5	7 18	232	402	533 5	223 18	
				35 188				264 188	
11	25	558	326 5	15 20	254	660	555 5	244 20	
				41 208				281 208	
12	31	193	332	21 20	270	846	571 5	259 22	
				228				230	

Cont top Reverse Side of Page

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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 BM 208-56 TO BM 208-57
				FORWD Run Cont From Front Side of Page					
~~13~~									
				31 228				280 230	
13	21	158	322 5	11 20	270	022	571	266 20	
				248				250	
				22				283	* Anderson
14	12	350	313 5	2 20	273	612	574 5	263 20	
				105 268				156 270	
15	99	866	400 5	93 12	150	932	451 5	144 12	
				123 280				171 282	
16	121	950	422 5	119 4	169	018	470 5	167 4	
				284				286	
	645	159			3840	613		284	
					645	159		570	mtrs
				-	3195	454			

Bm 208-57 old Ridge Rt 5.8 mi North west Along old Rt West of RD F.B. 3721 - 129.

Bm. 208-57

F.B. 2479 Pg. 136 JOB NO. 230602

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY Bowers NOTES Johnson 8/19/69

INDEXED G.L. GALLI DATE

T=100° T=100°

WEATHER Clear-Calm INST. NO. 75234

TIME 11:00 Cont ROD NO. 9419

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers
NOTES BY RCB DATE 8/14/69
INDEXED [illegible] DATE [illegible]
WEATHER Clear Calm INST. NO. 75234
TIME 10:20 Cont. ROD NO. 9519
NOTES CHKD. [illegible] DATE [illegible]
T=94° T=97°
F.B. 2479 Pg. 137

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-57 TO BM 208-56
			BACKWARD RUN CONT FROM FRONT SIDE OF PAGE						
				~~208~~ 208				35 208	
13	251	459	552 5	260 242 18	26	829	327 5	17 18	
				263 226				40 226	
14	253	368	554 5	243 20	30	570	331 5	20 20	
				270 246				40 246	
15	260	371	561 5	250 20	30	303	331 5	20 20	
				238 266				56 266	Anderson ~~Bowe~~
16	231	571	532 5	224 14	49	432	350 5	42 ~~266~~	
				280				14	
	3848	273			652	680		280	
	652	680						280	
+	3195	593						560	MTRS
BM208-56									B.M. 208-56 OLD RIDGE RT 6.1 MI NORTH OF CASTAIC UNION SCHOOL, W. OF RD FB-3721-129

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-57 TO BM 208-56
BM. 208-57									BM 208-57 OLD RIDGE RT 5.8 MI NORTH WEST ALONG OLD RIDGE RT WEST OF RD F.B. 3721-129
1	169	559	470 5	171 / 167 4	122	838	423 5	124 / 120 4	
2	159	568	460 5	165 / 153 12	107	273	408 5	113 / 101 12	
3	269	742	570 5	279 16 / 259 20	11	263	312 5	21 16 / 1 20	
4	259	602	560 5	269 36 / 249 20	10	872	311 5	20 36 / 0 20	
5	255	122	556 5	265 56 / 245 20	14	730	315 5	24 56 / 4 20	
6	254	747	555 5	264 76 / 244 20	28	382	329 5	38 76 / 18 20	
7	238	338	539 5	247 96 / 229 18	19	810	320 5	28 96 / 10 18	↑ ANDERSON
8	231	673	532 5	240 114 / 222 18	61	370	362 5	70 114 / 52 18	
9	259	842	560 5	270 132 / 248 22	26	281	327 5	36 132 / 16 20	
10	250	708	551 5	259 154 / 241 18	39	704	340 5	48 152 / 30 18	
11	248	671	549 5	257 172 / 239 18	40	342	341 5	50 170 / 30 20	
12	253	932	554 5	262 190 / 244 18	32	681	333 5	41 190 / 23 18	
				208				208	

Cont top RVERSE SIDE OF PAGE

F.B. 2479 PG. 138 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY R C Bowers NOTES C Johnson

INDEXED G. J. GALLA DATE 8-14-69

WEATHER t=94° t=91° Clear Sky

TIME 10:20

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 9-19

DATE 2-39

76P526 CE # 308 3-65

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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.C. BOWERS

NOTES BY R.C. Rodriguez R. DATE 8-13-69 TIME 1:00 WEATHER Clear INST. NO. 25231

INDEXED [illegible] DATE [illegible] NOTES CHKD [illegible] ROD NO. 9-19

F.B. 2479 PG. 139

T=102°
T=104

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-57 TO BM208-58
BM208-57									BM208-57 - 1968 Old Ridge Rte 5.8 mi No of Castaic Union School West side of Rd F.B 3721-131
1	58	183	359 5	66 50 16	287	055	588 5	295 279 16	
2	31	209	332 5	41 21 20	280	053	581 5	290 270 20	
3	19	802	320 5	30 8 22 36	297	070	598 5	297 287½ 20 36	
4	25	718	326 5	36 14 22 58	232	063	532 5	242 222 20 56	
5	35	181	336 5	52 18 34 80	233	063	534 5	251 215 36 76	
6	63	902	364 5	79 47 32 114	246	543	547 5	263 229 34 112	⊼ = BOWERS R.C.
7	87	003	388 5	100 74 26 146	225	970	526 5	238 212 26 146	
8	118	248	419 5	127 109 18 172	208	352	509 5	217 199 18 172	
	439	246		190	2010	169		190	
					439	246		190	
					1570	923		380 MTRS	
BM208-58									BM208-58 (U.S.C.G.S.) (M450) Old Ridge Rte 5.15 mi No of Castaic Union School F.B 3721-133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2479 Pg. 140 — JOB NO. 05102 — INST. NO. 2523x — ROD NO. 9-12 — DATE —

SURVEY OF LaAc COUNTY PRECISE LEVEL NET — NOTES Pacific Gas & Elec

SURVEY BY RCB — TIME 10:15 — WEATHER Clear T=100° T=98°

INDEXED B.J.GALLI — DATE — NOTES CHKD DLT — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-58 TO BM 208-57
BM 208-58									BM 208-58 (O.S.C.G.S.) (M450) Old Ridge Rte 5.15 Mi No of Castaic Union School F.B 3721-133
1	289	895	510 5	218 / 200 / 18	114	363	415 5	123 / 105 / 18	
2	219	214	520 5	232 / 206 / 26	85	648	386 5	98 / 72 / 26	
3	241	077	542 5	258 / 224 / 34	67	472	368 5	84 / 50 / 34	
4	239	220	540 5	256 / 222 / 34	32	370	333 5	50 / 14 / 36	
5	230	477	531 5	240 / 220 / 20	23	444	324 5	34 / 12 / 22	
6	284	167	587 5	296 / 276 / 20	10	677	311 5	21 / 10 (½) / 22	T = R.C. BOWERS
7	281	027	582 5	291 / 271 / 20	31	649	332 5	41 / 21 / 20	
8	290	070	591 5	299 / 281 / 18	60	607	361 5	66 / 54 / 12	
				190 ✓				190 ✓	
	1997 147 ✓				426 230 ✓			190 ✓	
	426 230 ✓							380 MTRS	
	+ 1570917 ✓								
BM 208-57									BM 208-57 (1968) Old Ridge Rte 5.8 Mi No of Castaic Union School W. side of Rd F.B 3721-131

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. Bowers

NOTES BY Rod Riquez R. DATE 8-13-69

INDEXED [illegible] DATE [illegible]

WEATHER Clear Not

TIME 1:30

NOTES CHKD [illegible]

F.B. 2479 PG. 141

T=104' T=104'

INST. NO. 75234

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-58 TO BM208-59
BM 208-58									BM 208-58 (USC.GS)(M-450) Old Ridge Rte 5.15 mi No of Castaic Union School F.B. 3721-133
1	88	108	389 5	104 72 32	236	488	537 5	251 221 30	
2	44	512	345 5	58 30 28	293	384	594 5	293 279½ 28	
3	28	304	329 5	38 18 20	290	132	591 5	300 280 20	
4	27	878	328 5	41 13 28	294	155	595 5	294 280½ 28	
5	24	765	325 5	35 12 22	284	958	585 5	296 272 24	
6	31	666	332 5	41 21 20	260	224	561 5	269 251 18	π = R.C. BOWERS
7	27	829	328 5	39 15 24	299	400	600 5	299 287½ 24	
8	21	000	322 5	34 8 26	289	553	590 5	302 276 26	
9	28	910	329 5	40 16 24	299	710	600 5	299 288½ 22	
10	38 ~~39~~	772	339 ~~340~~ 5	48 28 20	271	044	572 5	282 260 22	
				244				242	
	361	744			2819	048		244	
					361	744		486	MTRS
					2457	304			
BM 208-59									BM208-59 (1968) Old Ridge Rte 5.25 mi No of Castaic Union School F.B. 3721-135

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403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 142 JOB NO. 030102 SURVEY OF LaA Co. PRECISE LEVEL NET
SURVEY BY Rees NOTES Rodriguez & Assts DATE
INDEXED C.L. Hall DATE
WEATHER Clear INST. NO. 3234
TIME 9:45 ROD NO. 912
NOTES CHKD DLH DATE
TE 92°
TE 100°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA	RIGHT	MIC.	LEFT.		STADIA	FROM BM 208-59 TO BM 208-58
BM 208-59											B.M 208-59 (1968)
1	269	651	570	5	281 / 257 — 24	40	175	341	5	50 / 30 — 20	Old Ridge Rte 5.25 mi No of Castaic Union School W. side of Rd
2	296	022	597	5	296 / 286 ½ — 20	22	158	323	5	34 / 10 — 24	F.B 3721-135
3	285	267	584	5	298 / 172 — 26	14	525	315	5	44 / 27 / 1 — 26	
4	290	582	591	5	302 / 278 — 24	21	528	322	5	70 / 33 / 9 — 24	
5	256	596	557	5	266 / 246 — 20	29	829	330	5	94 / 40 / 18 — 22	
6	283	417	584	5	294 / 272 — 22	21	254	322	5	116 / 33 / 9 — 24	T = R.C. Bowers
7	294	432	595	5	294 / 280 ½ — 28	28	510	329	5	136 / 93 / 13 — 30	
8	275	336	576	5	285 / 265 — 20	13	382	314	5	169 / 22 / 9 — 18	
9	292	814	593	5	292 / 277 ½ — 30	44	245	345	5	184 / 57 / 31 — 26	
10	233	178	534	5	248 / 218 — 30	84	327	385	5	214 / 99 / 69 — 30	
					244					244	
	2777255 ✓					319933 ✓				244	
	319933 ✓									488 MTRS	
BM 208-58 +	2457322 ✓										BM 208-58 (U.S.C.G.S) (M-450) Old Ridge Rte. 5.15 mi No. of Castaic Union School F.B. 3721-133

76P526 CE # 308 3-65

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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
NOTES BY R.C. BOWERS DATE 6-13-69 WEATHER CLEAR INST. NO. 3234
COMPUTED BY [illegible] DATE [illegible] TIME 2:05 ROD NO. 219
NOTES CHKD. BY [illegible] DATE [illegible] NOTES CHKD. BY [illegible]
F.B. 2479 Pg. 143

T304 = 1.40

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM1208-59 TO BM1208-60
BM1208-59									BM1208-59 (1968)
1	18	783	319 5	29 7 22	286	198	587 5	296 276 20	Old Ridge RTE 5.25mi NO. of Castaic UNION School W. side of Rd
2	30	392	331 5	44 16 28 50	300	846	601 5	300 286½ 28 48	F.B 3721·135
3	23	608	324 5	34 12 22 72	296	177	592 5	296 265½ 22 70	
4	18	465	319 5	29 7 22 94	301	240	602 5	301 284½ 26 96	
5	31	612	332 5	42 20 22 116	280	254	581 5	289 271 18 114	
6	30	580	331 5	43 17 26 142	297	523	598 5	297 284½ 26 140	π = RC. BOWERS
7	23	325	324 5	35 11 24 166	293	740	594 5	293 282½ 22 162	
8	17	522	318 5	27 7 20 186	277	908	578 5	288 266 22 184	
9	36	257	337 5	49 23 26 212	298	633	599 5	298 284½ 28 212	
10	29	198	330 5	40 18 22 234	281	173	582 5	292 270 22 234	
11	16	183	317 5	26 6 20 254	269	561	570 5	279 259 20 254	
12	29	806	330 5	46 12 34	168	659	969 5	185 153 30	
BM1208-60	305	731	✓	288	3351	912	✓	284	BM1208-60 (L.A.CO.) (1968)
					305	731		288	Old Ridge RTE 4.95 mi N. of CASTAIC
					−3046	181	✓	572	UNION SCHOOL
									F.B 3721-137

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

T=80°
T=92°

F.B. 2479 Pg. 144 JOB NO. 030162 INST. NO. 83234
SURVEY OF L.A. Co. COUNTY PRECISE LEVEL NET WEATHER Clear ROD NO. 9-19
SURVEY BY RCB NOTES Bonanza & 1459 TIME 9:10 DATE
INDEXED C.L.GILL NOTES CHKD LKB DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-60 TO BM 208-59
BM 208-60									BM 208-60 (L.A.CO.)(1968) Old Ridge Rte 4.95 mi NO of Castaic Union School
1	173	224	474	5	34	820	335	5	F.B. 3721-137
2	270	669	571	5	16	766	317	5	
3	282	417	583	5	30	668	331	5	
4	290	639	591	5	28	061	329	5	
5	277	939	578	5	19	648	320	5	
6	285	793	586	5	13	135	314	5	T=R.C. BOWERS
7	295	601	596	5	28	092	329	5	
8	276	285	577	5	28	341	329	5	
9	290	405 385	591	5	9	247	310	5	
10	297	121	548	5	23	144	324	5	
11	291	575	592	5	19	946	320	5	
12	281	256	582	5	16	794	315	5	BM 208-59 (1968) Old Ridge Rte 5.25 mi N of Castaic Union School, W. side of rd F.B. 3721-135
BM 208-59	3312	924	✓		266	662			
	266	662	✓						
+	3046	262	✓						

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/15/69

INDEXED C. J. GALD DATE

WEATHER CLEAR & CALM

TIME 9:10 A.M.

NOTES CHKD

T = 92°

T = 94°

F.B. 2479 Pg. 145

INST. NO. 75234

ROD NO. 9819

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-60 TO B.M.208-61
B.M. 208-60									BM 208-60 (L.A.CO.) (1968)
				38				188	Old Ridge RTE. 4.95 Mi No. of
1	34	127	335 5	30 8	194	348	495 5	190 8	Castaic Union School
				108				300	
2	94	188	395 5	80 28	287	491	588 5	274 26	F.B 3721-137
				46 36				295 34	
3	28	399	329 5	10 36	295	448	596 5	279½ 32	
				32 72				85 66	
4	17	810	318 5	2 30	295	821	596 5	277½ 36	
		052		44 102				291 102	
5	27	~~079~~	328 5	10 34	291	232	592 5	276½ 30	
				43 136				297 132	T RODRIGUEZ
6	30	522	331 5	17 26	280	742	581 5	263 34	
				69 162				271 166	
7	56	931	357 5	43 26	259	710	560 5	245 26	
				52 188				289 192	
8	38	536	339 5	24 28	276	430	577 5	263 26	
				292 216	97			106 218	
9	282	688	583 5	272 20	~~10~~	182	398 5	88 18	
				264 236				102 236	
10	258	202	559 5	252 12	97	738	398 5	92 10	
				248				246	
	868	455			2376	142		248	
B.M. 208-61					868	455		494	B.M. 208-61 (U.S.C.&G.S. Z-370)
					1507	687			OLD RIDGE RT., 4.6 MI. N'LY
									OF CASTAIC UN. SCHOOL
									E. OF RD.
									F.B. 3721-139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-61 TO B.M. 208-60
B.M. 208-61									B.M. 208-61 (U.S.C.&G.S. Z-370)
				100				248	OLD RIDGE RT., 4.6 MI. N'LY
1	89	023	390 5	78 22	239	362	540 5	230 18	OF CASTAIC UN. SCHOOL
				120				299	E. OF RD.
2	115	582	416 5	110 10	299	170	600 5	291 ½ 16	F.B. 3721-139
				268 32				42 34	
3	255	463	556 5	242 26	28	509	329 5	14 28	
				271 58				67 62	
4	258	358	559 5	245 26	56	821	357 5	45 22	
				286 84		317		34 84	
5	270	478	571 5	254 32	20	~~411~~	321 5	6 28	⊼ RODRIGUEZ
				293 116				32 112	
6	279	187	580 5	265 28	14	902	315 5	14 ½ 36	
				294 144				33 148	
7	294	970	595 5	276 ½ 36	17	172	318 5	1 32	
				292 180				37 180	
8	292	152	593 5	276 ½ 32	19	307	320 5	1 36	
				295 212				94 216	
9	282	556	583 5	269 26	81	047	382 5	68 26	
				190 238				44 242	
10	186	382	487 5	182 8	39	928	340 5	34 10	
				246				252	
	2324	151	✓		816	535	✓	246	
B.M. 208-60	816	535	✓					498	B.M. 208-60
	+1507	616	✓						OLD RIDGE RT., 4.95 MI. N'LY OF CASTAIC UN. SCHOOL
									F.B. 3721-137

F.B. 2479 PG. 146

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES R. Anderson 8/18/69

INDEXED C.L. GALLI DATE

JOB NO. 0301.02

WEATHER CLEAR & CALM INST. NO. 75239

TIME 2:00 P.M. ROD NO. 9819

NOTES CHKD [illegible] DATE

T = 92°
T = 92°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers
NOTES BY R. Bowers DATE 8/15/69
INDEXED [illegible] DATE [illegible]
WEATHER CLEAR & CALM INST. NO. 25285
TIME 9:45 A.M. ROD NO. 9419
NOTES CHKD [illegible] DATE [illegible]

T = 94°
T > 98°

F.B. 2479 Pg. 142

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									F.B. # 24
									FROM B.M. 208-61 TO ~~B.M. 208-62~~
B.M. 208-61									B.M. 208-61 (U.S.C.&G.S. Z-370)
				102				300	OLD RIDGE RT., 4.6 MI. N'LY
1	97 338	338	5	92 10	299 500	595	5	288 12	OF CASTAIC UN. SCHOOL
	55 869	356	5	~~63~~ 62 14				286	E. OF RD.
2	~~56 175~~	~~357~~	5	~~49~~ 48 ~~14~~	275 989	576	5	266 20	F.B. 2721 – 139
				20 24				148 32	
3	17 505	318	5	14 6	147 182	448	5	146 2	
				24 30				239 34	
4	62 562	313	5	0 24	229 819	530	5	217 22	T RODRIGUEZ
				22 54				166 56	
5	15 478	316	5	8 14	159 490	460	5	152 14	
				79 68				296 70	
6	62 407	363	5	45 34	280 402	581	5	269 32	
				50 102				302 102	
7	40 082	341	5	30 20	292 613	593	5	282 20	
				19 122				253 122	
8	14 386	315	5	9 10	249 618	550	5	245 8	
				48 132				298 130	
9	37 992	338	5	26 22	289 463	590	5	280 18	
				30 154				294 148	
10	21 590	322	5	12 18	283 340	584	5	272 22	
				43 172				274 170	
11	34 860	326	5	25 18	266 419	567	5	258 16	
				25 190				265 186	
12	15 888	316	5	3 22	255 642	556	5	245 20	
				212				206	
				(CONT'D TOP OF REVERSE Pg.)					

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. 208-61 TO ~~B.M. 208-62~~ T.B.M. #24
Fwd. Run	(CONT'D FROM BOT. OF REVERSE PG.)								
				46 212				262 206	
13	35	134	336 .5	24 22	248	510	549 .5	234 28	
				28 234				266 234	
14	19	022	320 .5	10 18	259	988	560 .5	252 14	
				252				248	
~~15~~	480	108	~~.5~~		3532	975		252	
					480	108		5.00 MTRS	
~~16~~					3052	867	~~.5~~		
									⊼ RODRIGUEZ
T.B.M. #24									T.B.M. #24 (Const Zone) OLD RIDGE RT., 4.2 MI. N'LY OF CASTAIC UN. SCHOOL W. OF RD.

T = 94°
T = 98°

WEATHER CLEAR & CALM INST. NO. 75239
TIME 9:45 A.M. ROD NO. 9819
NOTES CHKD [signature] DATE [illegible]

F.B. 2479 PG. 148 JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY Bowers NOTES A. Anderson 8/15/69
INDEXED B.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY P. C. BOWERS

NOTES BY P. ANDERSON DATE 8/18/69

INDEXED C. J. GALLI DATE [illegible]

WEATHER CLEARED CALM

TIME 1:10 Cont.

NOTES CHKD [illegible]

T = 94°
T = 98°

F.B. 2479 PG. 149

INST. NO. 25234

ROD NO. 9 & 12

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. #24 TO B.M. 208-61
BK. RUD	(CONT'D FROM BOT. OF RVERSE PG.)								
				230				234	
				290				68	
13	280	141	581 5	270 20	61	171	362 5	54 14	
				250 256				52 248	
14	248	558	549 5	246 4	49	850	350 5	46 6	
				254				254	
	3453	562			401	170		254	
	401	170						508	↑ RODRIGUEZ
+	3052	392							
BM 208-61									B.M. 208-61 (U.S.C.&G.S. Z-370 OLD RIDGE RT., 4.6 MI. N'LY OF CASTAIC UN. SCHOOL E. OF RD. F.B. 3721-139

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. 2479 Pg. 150 — JOB NO 0301.07 — T = 94° T = 98°

SURVEY OF Hdtc COUNTY NO PRECISE LEVEL NET — INST. NO. 75239

SURVEY BY Sowers NOTES P. Anderson 8/19/69 — WEATHER Clear-Calm — ROD NO 2519

INDEXED E.L. GALLI — DATE — TIME 1:10 P.M. — NOTES CHKD [illegible] — DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
T.B.M.#24									T.B.M.#24 (Const. Zone) OLD RIDGE RD, 4.2 mi. N'LY OF CASTAIC UN. SCHOOL W. OF RD.
1	255 451	55C	5	262 248 14	15 026	316	5	29 6 18	
2	242 562	543	5	256 228 28	35 612	336	5	46 24 22	
3	261 802	562	5	271 251 20	14 937	315	5	24 4 20	
4	265 137	566	5	274 256 18	33 930	334	5	42 24 18	
5	278 783	579	5	290 266 24	16 502	317	5	27 8 19	T RODRIGUEZ
6	282 782	583	5	298 278 20	31 646	332	5	43 19 24	
7	250 372	551	5	254 246 8	14 728	315	5	19 9 10	
8	237 839	538	5	248 226 22	27 369	328	5	38 16 22	
9	293 502	594	5	293 278 1/2 30	35 062	336	5	52 18 34	
10	161 312	462	5	169 153 16	16 371	317	5	23 9 14	
11	231 152	532	5	242 220 22	14 243	315	5	25 3 22	
12	164 ~~165~~ 169	465	5	168 160 8	34 729	335	5	38 30 8	
				230				234	
		(CONT'D TOP			OF REVERSE			PG.	

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 98° T= 98°
SURVEY BY R.C. ANDERSON DATE 8/30/69 WEATHER CLEAR, CALM INST. NO. 35259
NOTES BY R.C. ANDERSON DATE 8/30/69 TIME 11:00 A.M. ROD NO. 9812
INDEXED P.B. GALD DATE 9-15 NOTES CHKD C.G.L. DATE 9-19-69
F.B. 2479 PG. 151

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA	FROM B.M. 208-61 TO T.B.M. #24
B.M. 208-61			38				298	B.M. 208-61 (U.S.C.&G.S. Z-370
1	34 299	335 5	30	8	293 361	394 5	288 10	OLD RIDGE RT., 4.6 MI.
			32				193	N'LY OF CASTAIC UN.
2	26 788	327 5	20	12	184 222	485 5	175 18	E. OF RD.
			38	20			167 28	F.B. 3721-189
3	33 449	334 5	28	10	165 331	466 5	143 4	
			27	30			241 32	RERUN
4	15 349	316 5	3	24	230 790	531 5	209 22	
			24	54			168 54	T. RODRIGUEZ
5	16 406	317 5	8	16	161 173	462 5	154 14	
			30	70	233 380	534 5	~~226~~ 68	
6	16 282	317 5	16	28	~~212 670~~	~~543 5~~	~~198~~ 38	{248 218
			30	98			297 98	
7	20 963	321 5	10	20	286 422	587 5	275 22	
	31		36	118			253 120	
8	~~30~~ 003	332 5	26	10	253 552	554 5	249 8	
			17	128			294 128	
9	36 007	337 5	25	22	285 893	586 5	276 18	
			27	150			295 146	
10	19 612	320 5	9	18	283 031	584 5	271 24	
			38	168			268 170	
11	29 012	330 5	20	18	260 262	561 5	252 16	
			23	186			263 186	
12	13 593	314 5	3	20	253 072	554 5	243 20	
				206			206	

(CONT'D TOP OF REVERSE PG)

PLEASE RETURN TO

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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. 208-64 TO T.B.M. #24
			(CONT'D FROM BOT. OF REVERSE PG.)						
				206				206	
				44				262	RERUN
13	33	831	334 5	22 22	249	762	550 5	236 26	
				28 228				264 232	T RODRIGUEZ
14	19	215	320 5	10 18	257	908	558 5	250 14	
				246				246	
	345	808			3398	159		246	
					345	808		492 MTRS	
				—	3052	351			
T.B.M. #24									T.B.M. #24 (CONST. ZONE) OLD RIDGE RTY 4.2 MI. N'LY OF CASTAIC UN. SCHOOL - W. OF RD.

F.B. 2479 PG. 152 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELLNET

SURVEY BY BOWERS NOTES R. ANDERSON 8/20/69

INDEXED D. L. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75239

TIME 11:00 (Cont) ROD NO. 9 & 19

NOTES CHKD [illegible] DATE

T=980

T=980

76P526 CE # 308 3-65

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

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 98° T = 98°
SURVEY BY R. C. ANDERSON & OWENS DATE 8/15/69 WEATHER CLEAR/CALM INST. NO. 25234
NOTES BY R. C. ANDERSON DATE 8/15/69 TIME 10:40 A.M. ROD NO. 2412
INDEXED DATE NOTES CHKD DATE
F.B. 2479 Pg. 153

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM T.B.M. #24 TO BM 208-62
T.B.M #24			72				288		T.B.M. #24 (Const. Zone)
1	62 890	363 5	52	20	278 630	579 5	268	20	OLD RIDGE RT. / A.2 Mi. N'LY OF CASTAIC UN. SCHOOL W. OF RD.
2	43 389	344 5	54 32	22	287 452	588 5	298 276	22	
3	36 589	337 5	45 27	42 18	293 331	594 5	302 284	42 18	
4	25 752	326 5	41 9	60 38 92	93 289	394 5	111 73	60 38 98	↑ RODRIGUEZ
5	168 620				952 702			92	
					168 620			190	MTRS
6					784 082		5		

BM 208-62

B.M. 208-62
OLD RIDGE RT. 4.1 MI. N'LY OF CASTAIC U.N. SCHOOL E. OF RD.
F.B. 3721 - 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-62 TO T.B.M. #24
BM 208-62									B.M 208-62 Old Ridge Rte 4.1 Mi No. of Castaic Union School F.B 3721-141
1	91	461	392 5	110 72 38	24	723	325 5	38 10 28	
2	282	899	583 5	287 279 10	27	131	328 5	36 18 18	
3	293	267	594 5	293 282 ½ 48 22	46	822	347 5	56 36 46 20	
4	276	250	577 5	285 267 70 18	60	980	361 5	70 50 66 20	
				88				86	⊼ = Rodriguez
~~5~~	943	877	~~5~~		159	656		88	
	159	656						174	BTRS
~~6~~							~~5~~		
+	784	221							
T.B.M #24									T.B.M # 24 (Fwy Const. Zone) Old Ridge Rte 4.2 Mi No. of Castaic Union School W. of Rd.

T = 940
T = 940

F.B. 2479 Pg. 154 JOB NO. 0301-02

SURVEY OF LOS ANGELES COUNTY PRECISE LEVELLING

SURVEY BY R.C.B. NOTES Anderson 8-18-69

INDEXED C.T. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:40 A.M. ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible]

76P[illegible] # 308 3-65

PLEASE RETURN TO

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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 208-62 TO BM 208-63
B.M. 208-62									B.M. 208-62
1	9	328	310 5	13 5 08	271	438	572 5	277 265 12	OLD RIDGE RT. 4.1 ML N'LY FROM CASTAIC UN. SCHOOL E. OF RD.
2	43	121	344 5	54 32 22	289	124	590 5	300 278 22	F.B. 3721-141
3	35	840	336 5	42 28 30 14	225	803	526 5	232 218 34 14	
4	20	609	321 5	31 9 44 22	275	~~88~~ 823	576 5	286 264 48 22	
5	31	071	332 5	42 20 66 22	266	144	567 5	276 256 70 20	
6	15 ~~259~~	200 ~~072~~	316 ~~560~~ 5	26 4 88 22	259 ~~246~~	072 ~~480~~	560 ~~547~~ 5	257 235 90 22	T = C. JOHNSON
7	28	483	329 5	36 20 110 16	246	713	547 5	254 238 112 16	
8	29	653	330 5	39 19 126 20	287	363	588 5	296 276 128 20	
9	11	583	312 5	22 11 (1½ 146 22	290	853	591 5	302 278 148 24	
10	35	622	336 5	45 25 168 20	276	391	577 5	284 268 172 16	
11	54	571	355 5	66 44 188 22	289	488	590 5	300 278 188 22	
12.	9	609	310 5	21 9 (½ 210 24 234	275	332	576 5	286 264 210 22 232	

FOR RUN CONT TOP REVERSE PG

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

SURVEY BY R.C. BOWERS

NOTES BY RODRIGUEZ R. DATE 8-15-69

INDEXED C.J. GALLI DATE [illegible]

WEATHER Clear & HOT

TIME 11:00

NOTES CHKD [illegible] DATE [illegible]

T. = 100°
T = 104°

F.B. 2479 PG. 155

INST. NO. 75239

ROD NO. 9419

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
	FORWARD RUN CONT				BOTT REVERSE PG				FROM BM208-62 TO BM208-63
13	31	119	332 5	42 20 234 22	285	250	586 ~~586~~	296 274 232 22	
14	8	789	309 5	19 8 (½ 256 22	293	538 ~~538~~	594 5	293 282 ½ 254 22	
15	100	990	401 5	108 92 278 16	63	555	364 5	70 56 276 14	
16	177	573 ~~52~~	478 5	185 170 294 15	297	136	598 5	297 292 (½ 290 10	
				309				300	
	643	161			4193	023		309	
					643	161		609 MTRS	
					3549	862			

T = 100°
T = 104°

WEATHER Clear
TIME 11:00
NOTES CHKD [illegible]
INST. NO. 25234
ROD NO. 9.19
DATE

JOB NO. 030102
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY R.C.B. NOTES Rodriguez P.15-69
INDEXED [illegible] DATE

F.B. 2479 PG. 156

T = C. JOHNSON

BM208-63

B.M208-63 (1968)
Old Ridge RTE 3.85 MI
No. of Castail Union
School W. side of
RD
F.B 3721-143

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-63 TO BM208-62
	Back Run Cont Bott Reverse Pg								
				240				234	
13	266	244	567 5	276 256 20 260 ~~256~~	11	370	312 5	22 11 ½ 22	
14	224	550	525 5	232 216 16 276 ~~272~~	35	438	336 5	42 28 14 256	
15	278	853	579 5	288 268 20 296 ~~292~~	75	728	376 5	84 66 ~~88~~ 270 18	$\bar{\pi}$ = C. Johnson
16	235	200	536 5	238 232 06 302 ~~298~~	58	550	359 5	60 54 06 288	
17	220	480	521 5	222 218 04 306 ~~302~~	101	768	402 5	103 99 04 294	
18	96	144	397 5	97 93 04 ~~306~~	85	125	386 5	88 82 06 298	
	4456	975		310	906	336		304 ~~306~~ 310	
	906	336						~~610~~ MTRS	
+	3550	639						614	
BM208-62									BM 208-62 (L.A.CO.) Old Ridge Rte 41 Mi No. of Castaic Union School East of Rd F.B 3721-141

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

SURVEY BY R.C. Boulers

NOTES BY Rodriguez DATE 8-18-69

WEATHER Clear

TIME 10:00 (Cont)

INDEXED [illegible] DATE [illegible]

NOTES CHKD. [illegible] DATE

F.B. 2479 Pg. 157

INST. NO. 65237

ROD NO. 9-19

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 158 JOB NO. 8322.01 INST. NO. 75234
SURVEY OF L.A. COUNTY PRECISE LEVEL NET ROD NO. 9-19
SURVEY BY R.B. NOTES 1968 DATE 8-19-68
INDEXED R.B. CALC DATE
WEATHER Clear TIME 10 — NOTES CHKD

TE 82.
TE 90.

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 208-63 TO BM 208-62
BM 208-63											BM 208-63 Old Ridge RTC 385 Mi No. of Castaic Union School. W. side of Rd FB 3721-143
1	277	120	578	5	282 272 10	158	769	459	5	164 150 16	
	54										
2	54	597	355	5	62 46 16	84	765	385	5	90 78 12	
					26					28	
3	282	980	583	5	293 271 22	15	584	316	5	26 4 22	
					48					50	
4	299	582	600	5	299 287 ½ 24	35	720	336	5	46 24 22	
					72					72	
5	286	905	587	5	297 275 22	19	567	320	5	30 8 22	
					94					94	
6	283	580	584	5	294 272 22	48	958	349	5	59 37 22	T = C. Johnson
					116					116	
7	278	583	579	5	286 270 16	37	493	338	5	47 27 20	
					132					136	
8	291	563	592	5	291 280 ½ 22	12	188	313	5	23 12 ½ 22	
		393			154					158	
9	295	985	596	5	295 284 ½ 22	37	985	338	5	46 28 18	
					176					176	
10	262	161	563	5	272 252 20	43	732	344	5	50 36 14	
					196					190	
11	250	543	551	5	262 238 24	17	946	318	5	28 6 22	
					220					212	
12	272	487	573	5	282 262 20	25	650	326	5	36 14 22	
					240					234	

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.L. BOWERS

NOTES BY R. RODRIGUEZ DATE 8-19-69 WEATHER T=93° T=10°

INDEXED D. L. GALLI DATE [illegible] TIME 1:25 INST. NO. 75234

NOTES CHKD. [illegible] DATE [illegible] ROD NO. 9-19

F.B. 2479 PG. 159

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM208-62									FROM BM208-62 TO BM208-63
									BM208-62
1	38	218	339 5	43 33 10	288	578 ~~600~~	589 5	292 284 08	Old Ridge Rte 41 Mi No of Castaic Union School
2	20	381 ~~360~~	321 5	29 11 18	280	003	581 5	290 270 20	F.B. 3721-141
3	25	133	326 5	32 18 28 14	214	289	515 5	222 206 28 16	
4	10	841	311 5	20 10 ½ 42 20	265	592	566 5	276 254 44 22	
5	18	953	319 5	30 6 62 24	253	994	554 ~~4~~ 5	263 243 66 20	
6	12 ~~2~~	505	313 5	26 12 ½ 86 24	258 ~~246~~	689 ~~444~~	559 ~~547~~ 5	268 248 ~~256~~ ~~236~~ 86 20	⊼ = C. JOHNSON RERUN
7	25	577	326 5	33 17 110 16	241	899	542 5	249 232 106 16	
8	41	770	342 5	50 32 126 18	299	424	600 5	299 288½ 122 22	
9	13	186	314 5	24 13 (½ 144 22	292	053	593 5	292 280½ 144 24	
10	32	615	333 5	42 22 166 20	274	062	575 5	282 266 168 16	
11	50	632	351 5	61 39 186 22	284	900	585 5	295 273 184 22	
12	19	875	320 5	30 8 208 22	285	388	586 5	296 274 206 22	
				230				228	

FORWARD - RUN CONT TOP REVERSE PG

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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
	FORWARD RUN CONT BOTT REVERSE P9										FROM BM208·62 TO BM208·63
					230					228	
13	34	053	335 5	45 23	22	289	682	590 5	300 278	22	
					252					250	
14	15	068	316 5	24 4	22	290	175	591 5	301 279	22	
					274					272	
15	90	010	391 5	98 82	16	67	054	368 5	74 60	14	
					290					286	
16	152	286	453 5	158 146	12	265	279	566 5	270 260	10	
					302					296	
	601	103				4151	061			302	$\bar{n}$ = C. JOHNSON RERUN
						601	103			598 MTRS	
						−3549	958				
BM208-63											BM 208·63 OldRidge RTE 3.85 Mi N. of Castaic Union School W. side of Rd F.B 3721-143

F.B. 2479 PG. 160 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES Rodriguez & Hart

INDEXED D.D. GALLI DATE

WEATHER Clear T=93° T=104° INST. NO. 75234

TIME 1:25 ROD NO. 9·19

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. C. BOWERS

NOTES BY R. DRIGUEZ DATE 8-20-69

INDEXED [illegible] DATE [illegible]

WEATHER Clear

TIME 9:05 (Cont)

NOTES CHK'D [illegible] DATE [illegible]

T=85° T=98

F.B. 2479 Pg. 161

INST. NO. 76234

ROD NO. 9-19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M208-63 TO BM208-62
	Bk. Run. Con't from Bot. of Reverse Side of Pg.								
				232				234	
13	271	227	572 5	282 260 22	16	859 ~~86~~	317 5	26 6 20	
14	215 ~~214~~	615	516 5	224 206 18 254	26 ~~26~~	795 ~~877~~	327 ~~337~~ 5	~~43~~ 34 ~~29~~ 18 254 16 ~~14~~	✓
15	287	022	588 5	298 276 22 272	27	389	328 5	36 18 18 270 ~~268~~	
16	277	345	578 5	282 272 10 294	26 ~~52~~	272 ~~181~~	327 ~~353~~ 5	~~57~~ 22 ~~47~~ 30 288 08	C. JOHNSON = ⊼ RE RUN
				304 ✓				~~298~~	
	4193	299 ✓			642	663 ✓		296	
	642	663 ✓						304 ✓	
+	3550	636 ✓						~~500~~ MTRS	
								600	
BM208-62									BM 208-62 (L.A.CO) Oldridge Rte 4.1 mi No of Union Castaic School F-B 3721-141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM208-63 TO BM208-62
BM208-63									BM208-62 (L.A.CO)
									Old Ridge RTe. 2 1 mi.
1	301	912	602 5	301 296 (½ 10	190	265	491 5	196 184 12	No, of Castaic Union
									School
2	72 ~~94~~	457	373 ~~395~~ 5	80 64 16	94	342	395 5	102 86 16	F.B. 3721-143
				26				28	
3	282	385	583 5	292 272 20	16	688	317 5	26 6 20	
				46				48	
4	292	538	593 5	292 280 ½ 22	27	406	328 5	38 16 22	
				70				70	
5	281	885	582 5	292 270 22	15	222	316 5	26 4 22	
				92				92	
6	285	433	586 5	296 274 22	51	110	352 5	62 40 22	
				114				114	C. Johnson = π
7	280 ~~274~~	008 ~~683~~	581 5	288 2702 16	39	218	340 5	49 29 20	RERUN
				130				139	
8	291	347	592 5	291 280 (½ 22	33	187	334 5	42 24 18	
				152				152	
9	295	433	596 5	295 284 (½ 22	16	946	317 5	26 6 20	
				174				172	
10	238	567	539 5	246 230 16	20	386	321 5	28 12 16	
				190				188	
11	251	168	552 5	262 240 22	17	682	318 5	28 6 22	
				212				210	
12	268	957	569 5	278 258 20	22	896	323 5	34 10 24	
				232				234	

BACKRUN CONT - TOP REVERSE P9

F.B. 2479 PG. 162 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY RCB NOTES RODRIGUEZ

INDEXED B.L. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 9:05 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

T=83 T=98

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS DATE 8-21-69 WEATHER T=90 INST. NO. 7527

NOTES BY R.C. BOWERS DATE 8-21-69 TIME 9:00 ROD NO. 9-19

INDEXED S.A. GALL DATE 8-23 NOTES CHKD L.V.H. DATE 10-1-69

F.B. 2479 Pg. 163

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 208-62 TO BM 208-63
BM 208-62											BM 208-62
				55					301		Old Ridge Rte 4.1 mi NO
1	50	435	351	5 45	10	301	221	602	5 296½	10	of Castaic Union
				42					293		School
2	33	369	334	24	18	293	167	594	5 282½	22	F.B. 3721-141
				49	28				237	32	
3	41	122	342	5 33	16	229	970	530	221	16	
				38	44				300	48	
4	28	915	329	5 18	20	289	236	590	5 278	22	
				40	64				265	70	
5	27	850	328	5 14	26	256	865	557	5 247	18	
				40	90				284	88	T = R.C. BOWERS
6	28	646	329	5 16	24	273	226	574	5 282	82	RERUN
				32	114					110	
7	23	941	324	5 14	18	251	462	552	259 243	16	
				58	132				296	126	
8	48	873	349	5 58	20	296	535	597	5 285½	22	
				20	152				300	148	
9	10	072	311	5 10½	20	289	597	590	5 278	22	
				51	172				291	170	
10	41	445	342	5 31	20	282	627	583	5 273	18	
				46	192				301	188	
11	55	647	356	5 44	22	290	013	591	5 279	22	
				37	214				295	210	
12	27	625	328	5 17	20	295	064	596	5 284½	22	
					234					232	

FORWARD RUN CONT TOP REVERSE 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 208-62 TO BM 208-63
	FORWARD RUN CONT BOTT REVERSE PG								
				234				232	
13	40	384	341 5	51 29 22	292	080	593 5	292 280 ½ 24	
14	20	755	321 5	31 9 22	298	610	599 5	298 287 ½ 22	
15	103	015	404 5	111 95 16	80	767	381 5	88 72 16	
16	156	586	457 5	163 149 14	268	888	569 5	273 263 10	
				308				304	⊼ = R.C. BOWERS
	738	680			4289	378		308	
					738	680		612 MTRS	RERUN
					3550	698			
BM 208-63									BM 208-63 Old Ridge RTE

F.B. 2479 PG. 164 JOB NO. 030602

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES RODRIGUEZ 5-21-69

INDEXED C.G. GALL DATE

WEATHER Clear INST. NO. 75234

TIME 7:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T = 90°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.C. Bowers, E. Johnson DATE 8-15-69 WEATHER Clear TIME 2:30 INST. NO. 2284 ROD NO. 9-19
NOTES BY R.C. Bowers DATE 8-15 NOTE CHKD. [illegible]
F.B. 2479 Pg. 165

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 208-63 TO BM 208-64
BM 208-63									B.M. 208-63 (1968)
1	94	609	395	5	286	797	587	5	OLD RIDGE RTE 3.85 MI NO.
2	66	265	367	5	278	872	579	5	OF COSTAIC UNION SCHOOL
3	26	450	327	5	252	150	553	5	F.B. 3721-143
4	32	176	333	5	240	301	541	5	
5	20	895	321	5	230	656	531	5	
6	64	265	365	5	156	260	457	5	T = ANDERSON
7	104	742 ~~567~~	405	5	206	033	507	5	
8	80	401	381	5	174	500	475	5	
9	110	412	411	5	166	012	467		
10	239	570 370	540	5	42	355	343	5	
	839	785 ✓			2033.936 ✓				MTRS
					839785 ✓				
BM 208-64					1194151 ✓				B.M. 208-64 - 1968
									OLD RIDGE RT 2.85 MI.
									NORTH NORTHWEST ALONG OLD
									RIDGE RT. F.B. 3721-148

STATION	BACKSIGHT STADIA	FORESIGHT STADIA
1	100 88 12	292 280 12
2	72 60 12	284 272 12
	35 24	261 24
3	17 18	243 18
	41 42	249 42
4	23 18	231 18
	29 60	240 60
5	11 18	220 20
	78 78	169 80
6	50 28	143 26
	135 106	237 106
7	73 62	175 62
	164 168	199 168
8	56 48	149 50
	119 216	175 238
9	101 18	157 18
	243 234	44 236
10	235 8	40 4
	242 ✓	240 ✓
		242 ✓
		482 ✓

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM208-64 TO BM208-63
BM208-64								276	BM208-64 - 1968
				78				270	OLD RIDGE Rt 2.85 Mi
1	76	661	377 5	74 4	273	642	374 5	~~276~~ 6	NORTH N.W. Along OLD
				170				115	RIDGE Rt F.B. 3721-143
2	161	692	462 5	152 18	106	948	407 5	97 18	
				196 22				98 24	
3	171	982	472 5	146 30	76	863	377 5	54 44	
				230 72				132 68	
4	200	612	501 5	170 60	99	648	400 5	66 66	
				164 132				73 134	
5	151	142	452 5	138 26	59	562	360 5	45 28	
				234 158				21 164	⊼ ANDERSON
6	223	238	524 5	212 22	13	238	314 5	5 16	
				252 180				44 ~~180~~ 178	
7	243	665	544 5	234 18	35	882	336 5	26 18	
				254 198				37 ~~198~~ 196	
8	245	763	546	236 18	28	482	329 5	19 18	
				298 216				77 ~~216~~ 214	
9	291	529	592 5	284 14	72	279	373 5	67 10	
				285 230				92 ~~226~~ 224	
10	279	480	580 5	273 12	85	361	383 5	78 14	
				242				~~240~~ 238	
	2045	764 ✓			851	905 ✓		242	
	851	905 ✓						~~482~~	MARS
BM208-63								480	BM 208-63 1968
+	1193	859 ✓							OLD RIDGE Rt 3.85 Mi
									No OF CASTAIC UNION School
									F.B. 3721-143

F.B. 2479 Pg. 166 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELNET

SURVEY BY RCB NOTES C. Johnson 8/18/69

INDEXED B.B. GALLI DATE

WEATHER C. LOAB INST. NO. 75234

TIME 9:15 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T = 80°

T = 80°

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY R.E. Sanders WEATHER T = 102.0°
NOTES BY C. Delmore DATE 8/20/64 TIME 1 pm
INDEXED [illegible] DATE 8/20/64 NOTES CHKD [illegible] DATE [illegible]
INST. NO. 76224
ROD NO. 9-642
F.B. [illegible]

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM Bm 208-63 TO Bm 208-64
Bm 208-63									Bm 208-63 (1968)
				101				296	OLD RIDGE Rt 3.85 Mi.
1	95	527	396 5	89 12	289	272	590 5	282 14	NO OF CASTAIC UNION SCHOOL
				75				288	F.B. 3721-143
2	70	559	371 5	65 10	282	393	533 5	276 12	
				32 22				255 26	
3	22	332	323 5	122 20	247	228	548 5	239 16	
				38 42				247 42	
4	29	982	330 5	20 18	238	682	539 5	229 18	
				22 60				234 60	
5	13	533	314 5	4 18	224	741	525	214 26	
				76 78				165 80	
6	62	932	363 5	48 28	152	800	453 5	139 26	T-ANDERSON
				139 106				175 106	
7	124	307	425 5	109 30	160	132	461 5	145 30	
				122 136				189 136	
8	165	202	406 5	88 34	171	298	472 5	153 36	RERUN
				119 170				193 172	
9	103	137	404 5	87 32	178	831	479 5	163 30	
				139 202				165 202	
10	127	772	428 5	115 24	154	580	455 5	143 22	
				86 226				23 224	
11	76	788	377 5	66 20	14	440	315 5	5 18	
				218 246				130 242	
12	217	289	518 5	216 1	128	993	429 5	126 4	
				248	2243.390			246	Bm 208-64 (1968)
BM 208-64	1049	360			1049.360			248	OLD RIDGE Rt 2.85 Mi. MONUM.
					1194 030			494	NORTHWEST Along OLD RIDGE Rt
									F.B. 3721-143

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY BC Bowers

NOTES BY C. Johnson DATE 8/20/69 TIME

INDEXED [illegible] DATE [illegible] NOTES CHK'D [illegible] DATE [illegible]

WEATHER Clear INST. NO. 75234 ROD NO. 9-19

F.B. 2479 PG. 169

T = 106°

T = 102°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 208-64									FROM BB 208-64 TO B.M. 208-64B
									BM 208-64 L.A.C.O. OLD RIDGE Rt 3.58 Mi. N. Castaic Union School
1	90	120	391 5	93 87 6	268	079	569 5	271 265 6	
2	31	374	332 5	40 22 18	181	820	482 5	190 172 18	
3	34	498	335 5	44 24 24 20	264	413	565 5	274 24 254 20	
4	37	029	338 5	46 44 28 18	227	432	528 5	237 44 217 20	
5	39	240	340 5	49 62 29 20	296	118	597 5	296 64 285 (2) 22	
6	~~197~~ 57	459	358 5	63 82 57 12	197	148	498 5	204 86 190 14	Anderson
7	84	250	385 5	88 94 80 8	184	924	455 5	187 100 181 6	
8	98	903	399 5	105 102 91 14	192	670	493 5	198 106 186 12	
				116				118	
	472	873			1812	604		116	
					472	873		234	
					1339	731			
B.M. 208-64B									B.M. 208-64B. LAC BRASS Button No Castaic Union School. Along Old Ridge Rt F.B.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 2479 Pg. 170 JOB NO. 03768.2 SURVEY OF LaA01 COUNTY PRECISE LEVELING NET SURVEY BY K.R. Hall NOTES C. Jackson 8/24/65 INDEXED DATE

T=1030 T=1040 WEATHER CLOUDY TIME 1:40 NOTES CHKD [illegible] INST. NO. 2-34 ROD NO. 9-19 DATE 8-24-65

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM Bm 208-64 R TO Bm 208-64
Bm 208-64R				194				101	Bm 208-64R LACO Lugk OLD Ridge R+ 3.55 Mi No CASTAIC Union School OLD Ridge R+
1	188 872		489 5	182 12	95 892		396 5	89 12	
				185				106	
2	181 620		482 5	177 8	102 343		403 5	98 8	
				234 20				73 20	
3	228 626		529 5	222 12	67 078		368 5	61 12	
				297 32				58 32	
4	286 724		587 5	275 22	48 598		349 5	38 20	
				248 54				46 52	
5	238 671		539 5	228 20	30 301		331 5	20 20	
				280 74				51 72	
6	270 582		571 5	260 20	41 800		342 5	31 20	
				200 94				50 92	R-17 ANDERSON
7	192 786		493 5	184 16	41 180		342 5	32 18	
				266 110				88 110	
8	264 556		565 5	262 4	86 503		387 5	84 4	
				114 ✓				114 ✓	
	1852 43 ✓				512 895 ✓			114 ✓	
	512 895 ✓							228 ✓	
+	1339 536 ✓								
BM 208-64									Bm 208-64 OL Ridge R+ 2.85 Mi NORTH CASTAIC Union School FB 3721-145

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Rc Bowers

NOTES BY C Johnson DATE 8/22/69 TIME 2:15 WEATHER Windy Clear INST. NO. 75234 ROD NO. 9 8/9

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

F.B. 2479 PG. 171

T2 104

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM Bm 208-64 TO BM 208-64B
Bm 208-64									Bm 208-64 OLD RIDGE Rt 405 Mi North Castaic Union School
1	83	373	384 5	86 80 6	261	430	562	264 258 6	
2	29	281	330 5	37 21 16	181	170	482 5	189 173 16	
3	44	155	345 5	54 22 34 20	273	021	574 5	282 22 264 18	
4	33	782	334 5	42 42 24 18	241	172	542 5	251 40 231 20	RERUN
5	53	385	354 5	63 60 43 20	292	472	593 5	292 60 282½ 20	
6	55	050	356 5	61 80 49 12	220	560	521 5	227 80 213 14	⊼ ANDERSON
7	102	920	403 5	106 92 98 8	172	578	473 5	176 94 168 8	
8	96	080	397 5	103 100 89 14	195	258	496 5	201 102 189 12	
				114				114	
	498	026 ✓			1837	661 ✓		114	
					498	026 ✓		228	
					1339	635 ✓			
Bm 208-64B									Bm 208-64B LACO Engr OLD RIDGE Rt MI NORTH CASTAIC UNION SCHOOL

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
B.M. 208-64 B									FROM BM 208-64B TO T.B.M. #25
				57				264	Bm 208-64B L.A.Co ~~[illegible]~~
1	47	883	348 5	37 20	254	106	555 5	244 20	3, 45 Mi N North West
				82				240	Old Ridge Rt
2	72	891	373 5	62 20	230	362	531 5	220 20	
				64 40				246 40	
3	55	173	356 5	46 18	237	812	538 5	228 18	
				100 58				261 58	
4	90	791	391 5	80 20	251	891	552 5	241 20	
				70 78				255 78	
5	60	672	361 5	50 20	245	361	546 5	235 20	
				109 98				213 98	
6	99	818	400 5	89 20	203	876	504 5	193 20	Anderson
				35 118				204 118	
7	25	583	326 5	15 20	194	745	495 5	184 20	
				68 138				219 138	
8	57	770	358 5	46 22	208	858	509 5	197 22	
				69 160				186 160	
9	63	543	364 5	57 12	180	532	481 5	174 12	
				81 172				225 172	
10	76	801	377 5	71 10	220	772	521 5	215 10	
				182				182	
	650	925			2228	315		182	
					650	925		364	
T.B.M. #25				-	1577	390			T.B.M. #25 ~~L.A.Co 3/4" I.P.~~ 02 Mi So of Bm 208-64.B. West Side of RD Old Ridge Rt

(Const. Zone)
3/4" I.P., L.A.Co. Engr. Tag.

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

SURVEY BY R.C. Bowers

NOTES BY C. Johnson DATE 8/20/69

INDEXED C.L. GALLI DATE SEP 1969

WEATHER Clear

TIME 230

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 75284

ROD NO. 9-19

F.B. 2479 PG. 173

T = 102°

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
TBM# 25									FROM TBM # 25 TO BM208-64B
				231				88	TBM # 25 0.2 Mi So of
1	226	642	527 5	221 10	83	019	384 5	78 10	BM208-64B old Ridge Rt
				186				67	(Const. zone)
2	180	321	481 5	174 12	61	660	362 5	55 12	
				225 22				75 22	
3	214	771	515 5	203 22	64	948	365 5	53 22	
				196 44				27 44	
4	186	720	487 5	176 20	17	903	318 5	7 20	
				215 64				113 64	
5	205	531	506 5	195 20	102	551	403 5	91 22	
				258 84				70 86	
6	248	701	549 5	238 20	60	910	361 5	50 20	⊼ Anderson
				261 104				102 106	
7	251	962	552 5	241 20	92	833	393	82 20	
				251 124				68 126	
8	242	160	543 5	233 18	59	513	360 5	50 18	
				247 142				89 144	
9	237	307	538 5	227 20	79	770	380	69 20	
				266 162				60 164	
10	256	530	557 5	246 20	50	152	351 5	40 20	
				182				184	
	2250	645			673	259		182	
	673	259						366	
+	1577	386							

Bm 208-64B Lac Engr
3.45M No Nort West Old Ridge
Rt Castaic On On School

T=105°
T=103°

WEATHER Windy & Clear INST. NO. 75234
TIME ROD NO. 9 & 19
NOTES CHKD DATE

JOB NO. 0301.02
SURVEY OF L.A. COUNTY PRECISE LEVEL NET
SURVEY BY B.C. Bauer NOTES C. Johnson 8/22/69
INDEXED D.L. Ball DATE

F.B. 2479 PG. 174

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RLB

NOTES BY RJR

INDEXED D.R. CALLI

DATE 8-21-69

DATE

NOTES CHKD. [illegible]

DATE

WEATHER Clear & Calm

TIME 10:15

T=100 T=102

INST. NO. 25234

ROD NO. 9-29

F.B. 2479 Pg. 17

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM T.B.M. #25 TO T.B.M. #26
T.B.M. #25									T.B.M. #25 CL.A.CO ENGR 1/4 IP Old Ridge RTC West side of Rd ± 0.25 so, of BM 208-64B.
1	24	410	325 5	33 15 18	298	577	599 5	298 289½ 18	
2	17	570	318 5	27 7 20	295	357	596 5	295 286½ 18	
3	22	943	323 5	30 14 16 38	276	258	577 5	285 267 18 36	
4	24	483	325 5	32 16 16 54	291	585	592 5	300 282 18 54	
5	20	256	321 5	28 12 16 70	293	808	594 5	300 286 14 72	$\overline{\wedge}$ = R.C. BOWERS
6	29	842	330 5	36 22 14 86	289	481	590 5	296 282 14 86	
7	15	274	316 5	23 7 16 100	293	373	594 5	300 286 14 100	
8	25	727	326 5	32 18 14 116	296	057	597 5	296 288½ 18 114	
9	24	200	325 5	31 17 14 130	297	483	598 5	297 290½ 14 130	
10	30	142	331 5	37 23 14 144	277	467	578 5	283 271 12 144	
				158				156	
T.B.M. #26	234	847 ✓			2909	446 ✓		158	T.B.M. #26 (Fwy. Const. Zone) Old Ridge RTC D.40 mi so of B.M. 208-64B W. side of Rd.
					234	847 ✓		~~304~~	
				—	2674	599 ✓		314	

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 T.BM#26 TO T.BM#25
T.BM#26									T.BM#26 (Fwy Const. Zone) Old Ridge RTE 0.40 MI No of Castaic Union School W, Side of Rd
1	279	642	580 5	286 272 14	32	164	333 5	39 25 14	
2	287	774	588 5	294 280 14	14	625	315 5	22 6 16	
3	296	030	597 5	296 288 28 08	25	043	326 5	32 18 30 14	
4	284	312	585 5	291 277 36 14	16	612	317 5	24 8 44 16	
5	292	765	593 5	300 284 50 16	23	458	324 5	29 17 60 12	
6	281	109	582 5	289 273 66 16	16	996	317 5	22 10 72 12	
7	298	089	599 5	298 289 (1/2 82 18	22	243	323 5	30 14 84 16	⊼ = R.C. BOWERS
8	271	532	572 5	280 262 100 18	17	597	318 5	25 9 100 16	
9	288	582	589 5	297 279 118 18	11	706	312 5	21 11 (1/2 116 20	
10	291	096	592	300 282 136 18	15	888	316 5	24 6 136 18	
				154				154	
	2870	931			196	332		154	
	196	332						308 MTRS	
+	2674	599							
T.BM#25									T.BM#25 (Const. Zone) Old Ridge RTE (L.A. CO. ENGR T 9) ± 0.25 SO, of BM 208-24B W, Side of RD

F.B. 2479 PG. 176 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES RJR 8-22-69

INDEXED C.J. GALLI DATE

WEATHER T=108° T=108° Clear-Calm

TIME 11:30

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 9-19

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM T.BM # 26 TO B.M 208-65
T.BM # 26													T.B.M # 26 (Const Zone) Old Ridge RTe 0.40 MI So of B.M 208-64B W. side of Rd
1.	44	636	345	5	51 37	14	264	952	565	5	270 258	12	
2	27	968	328	5	33 21	12	281	638	582	5	288 274	14	
3	33	899	334	5	40 26	26 14	300	025	601	5	300 293	26 14	
4	25	859	326	5	32 18	40 14	281	369	582	5	288 274	40 14	
5	25	473	326	5	32 18	54 14	287	897	588	5	294 280	54 14	
6	57	278	358	5	66 48	68 18	64	564	365	5	72 56	68 16	⊼ = R.C. BOWERS
						86						84	
7	215	113		5			1480	445				86	
BM 208-65							215	113				170	BM 208-65
8						–	1265	332		5			Old Ridge RTe 2.95 MI No of Castaic Union School
													F.B 3721-147

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

SURVEY BY R.C.B. WEATHER T=102 T=105 Clear & Calm INST. NO. 75234

NOTES BY R.S.R. DATE 8-21-69 TIME 10:45 ROD NO. 9-19

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

F.B. 2479 PG. 177

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 BM 208-65 TO T.B.M #26
BM 208-65									BM 208-65 Old Ridge Rte 2.25 Mi NO of Castaic Union School FB 3721-145
1	51	954	352 5	59 43 16	46	798	347 5	56 36 20	
2	279	979	580 5	287 271 16	15	283	316 5	21 9 12	
3	271	428	572 5	278 264 32 14	17	427	318 5	24 10 32 14	
4	284	496	585 5	292 276 46 16	17	062	318 5	24 10 46 14	
5	277	437	578 5	284 270 62 14	25	662	326 5	32 18 60 14	
6	264	808	565 5	270 258 76 12	42	512	343 5	49 35 74 14	π = RC BOWERS
				88				88 ✓	
	1430	102 ✓			~~1647~~			88 ✓	
	164	744 ✓			164	744 ✓		176 ✓ MTRS	
+	1265	358 ✓							
T.B.M #26									T.B.M #26 (Const. Zone) Old Ridge Rte 0.40 Mi So, of B.M 208-64B W, side of Rd.

T=108'
T=108'

WEATHER Clear INST. NO. 75234

TIME 11:15 ROD NO. 9-69

NOTES CHKD. [illegible] DATE

JOB NO. 0301-02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES R.W.R. 8-22-69

INDEXED [illegible] DATE

F.B. 2479 PG. 178

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY RCB

NOTES BY R.J.R. DATE 8-21-69

INDEXED [illegible] DATE [illegible]

WEATHER Clear Calm INST. NO. 75234

TIME 11:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible]

F.B. 2479 Pg. 179

T=105° T=105°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA		FORESIGHT RIGHT	MIC.	LEFT.		STADIA		DESCRIPTION AND REMARKS
													FROM B.M208-65 TO BM208-66
BM208-65													BM208-65
													Old Ridge RTE 2.25 MI
1	50	533	351	5	56 44	12	295	054	596	5	300 290	10	No. of Castaic Union
													School
2	36	447	337	5	40 32	08	297	918	598	5	301 293	08	
						20						18	F.B 3721 - ~~151~~ 149
3	59	850	360	5	21 47	24	272	156	573	5	284 260	24	
						44						42	
4	19	318	320	5	35 3	32	297	470	598	5	297 279½	36	
						76						78	
5	26	737	327	5	40 12	28	250	362	551	5	262 238	24	
						104						102	π = R.C. BOWERS
6	40	092	341	5	64 16	48	76	226	377	5	102 50	52	
						152						154	
✓ 7	288	992	589	5	288 268(½	40	95	417	396	5	114 76	38	
						192						192	
8	282	602	583	5	292 272	20	16	783	317	5	26 6	20	
						212						212	
9	297	152	598	5	297 286(½	22	41	055	342	5	52 30	22	
						234						234	
10	285	893	586	5	285 252	66	132	918	433	5	168 96	72	
						300						306	
	1387	616 ✓					1775	359 ✓				300	
							1387	616 ✓				606	MTRS
						–	387	743 ✓					
BM208-66													BM208-66
													Old Ridge RTE 2.15 No. of
													Castaic Union School
													F.B 3721 - 151

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-66 TO BM 208-65
BM208-66									BM 208-66
									Old Ridge RTE 2.15 mi
1	133	170	434 5	168 98 70	284	002	585 5	284 251 (1/2 66	No. of Castaic Union
									School
2	15	475	316 5	26 4 22	273	506	574 5	285 261 24	
				92				90	F.B 3721-151
3	14	107	315 5	27 4 20	277	565	578 5	287 267 20	
				112				110	
4	94	343	395 5	113 75 38	290	350	591 5	290 270 (1/2 40	
				150				150	
5	72	302	373 5	98 46 52	33	506	334 5	57 9 48	
				202				198	
6	252	991	553 5	264 240 24	31	700	332 5	45 17 28	
				226				226	⊼ = RC BOWER
7	297	912	598 5	297 279 (1/2 36	20	131	321	36 4 32	
				262				258	
8	273	176	574 5	284 262 22	41	964	342 5	54 28 26	
				284				284	
9	278	998	579 5	281 275 06	36	013	337 5	40 32 08	
				290				292	
10	285	461	586 5	289 281 08	41	173	342 5	47 35 12	
				298				304 ✓	
	1717935 ✓			—	1329912 ✓			298 ✓	
	1329912 ✓							602 ✓ MTRS	
BM208-65	+388023 ✓								BM 208-65
									Old Ridge RTE 2.25 mi
									No. of Castaic Union
									School
									FB 3721-149

F.B. 2479 Pg. 180 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES Rodriguez 8-22-69

INDEXED [illegible] DATE

WEATHER Clear INST. NO. 75234

TIME 10:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE

T=108° T=108°

308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM208-65 TO BM208-66
BM208-65									BM208-65
									Old Ridge RTe 2.25 Mi.
									No. of Castaic Union
1	46	667	347 5	52 40 12	290	413	591 5	295 285 10	School
									F.B 3721-149
2	35	517	336 5	38 32 06	297	563	598 5	301 293 08	
3	62	716	363 5	74 50 18 24	275	603	576 5	287 263 18 24	
4	21	342	322 5	37 5 42 32	299	016	600 5	299 281 1/2 42 36	
5	32	412	333 5	46 18 74 28	253	753	554	265 241 78 24	$\overline{\wedge}$ = R.C. BOWERS RERUN
6	34	736	335 5	58 10 102 48	47	822	348 5	74 20 102 54	
7	261	793	562 5	281 241 150 40	91	413	392 5	109 73 156 36	
8	279	126	580 5	289 269 190 20	15	456	316 5	25 5 192 20	
9	272	291	573 5	284 260 210 24	14	677	315 5	25 3 212 22	
10	295	375	596 5	295 262 1/2 234 66	144	097	445 5	178 110 234 68	
				300				302	
	1341	975			1729	813		300	
					1341	975		602	MTKS
BM208-66				—	387	838			BM208-66
									Old Ridge RTe 2.15 Mi
									No. of Castaic Union School
									F.B 3721-151

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

SURVEY BY R.C. BOWERS

NOTES BY R.C. Rodriguez DATE 8-25-69 TIME 9:30

INDEXED D.L. GALLI DATE 8-25-69 NOTES CHKD. [illegible] DATE [illegible]

WEATHER Clear Calm INST. NO. 75234 ROD NO. 9-19

T=83° T=94°

F.B. 2479 Pg. 181

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 208-66 TO B.M. 208-67
B.M. 208-66									B.M. 208-66
				95				186	OLD RIDGE RT. 2.5 MI.
1	84	029	385 5	73 22	177	921	478 5	168 18	N'LY OF CASTAIC UN. SCHOOL
				93			5	298	E. OF RD.
2	63	096	364 5	33 60	266	530	567 5	234 64	F.B. 3721-151
				103 82	299	211	600 5	~~288~~ 82	299
3	76	195	377 6	49 54	~~266~~	~~202~~	~~567 5~~	~~244~~ 54	272 1/2
				44 136				295 136	
4	24	692	325 5	4 40	295	478	596 5	275 1/2 40	
				48 176				248 176	⊼ RODRIGUEZ
5	38	843	339 5	28 20	238	322	539 5	228 20	
				63 196				232 196	
6	54	729	355 5	45 18	223	400	524 5	214 18	
				214				214	
~~7~~	341	584	5		1500	862		214	
					341	584		428	MTRS
8				—	1159	278	5		
B.M. 208-67									B.M. 208-67 (U.S.C.&G.S. T-970
									OLD RIDGE RT. 2.2 MI.
									N'LY OF CASTAIC UN. SCHOOL
									E. OF RD.
									F.B. 3721-153

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/21/69

INDEXED C.L. GALLI DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 1:05 P.M. ROD NO. 9819

NOTES CHKD. DATE

T = 110°
T = 112°

F.B. 2479 PG. 183

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-67 TO B.M. 208-66
B.M. 208-67									B.M. 208-67 (U.S.C.&G.S. T-970
				233				69	OLD RIDGE RT., 2.2 MI.
1	223	982	524 5	213 20	60	317	361 5	51 18	N'LY OF CASTAIC UN.
				253				48	SCHOOL - E. OF RD.
2	243	820	544 5	233 20	39	193	340 5	30 18	F.B. 3721-153
				40				42 36	
3	293	838	594 5	293 ½ 34	23	403	324 5	4 38	
				300 74				104 74	
4	300	582	601 5	272 ½ 56	77	312	378 5	50 54	
				294 130				101 128	T RODRIGUEZ
5	262	630	563 5	230 64	70	541	371 5	39 62	
				192 194				90 190	
6	183	812	484 5	174 18	78	298	379 5	66 24	
				212				214	
	1508	664			349	064		212	
	349	064						426 MTRS	
+	1159	600							
B.M. 208-66									B.M. 208-66
									OLD RIDGE RT., 2.5 MI.
									N'LY OF CASTAIC UN.
									SCHOOL - E. OF RD.
									F.B. 3721-151

F.B. 2479 Pg. 184 JOB NO. 0301.02

SURVEY OF G.A. COUNTY PRECISE LEVEL NET

SURVEY BY BOWERS NOTES R. ANDERSON 8/22/69

INDEXED C.J. GALL DATE

WEATHER CLEAR & CALM INST. NO. 75234

TIME 10:15 A.M. ROD NO. 7&19

NOTES CHKD [illegible] DATE [illegible]

T = 1080
T = 1080

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT		STADIA		FORESIGHT RIGHT	MIC.	LEFT		STADIA		DESCRIPTION AND REMARKS
B.M. 208-66													FROM B.M. 208-66 TO B.M. 208-67
					90						194		B.M. 208-66
1	79	640	380	5	68	22	185	732	486	5	176	18	OLD RIDGE RT., 2.5 MI.
					92						287		N'LY OF CASTAIC UN. SCHOOL
2	62	836	363	5	32	60	254	031	555	5	221	66	E. OF RD.
					99	82					295	84	F.B. 3721-151
3	72	359	373	5	45	54	295	653	596	5	268 1/2	54	RERUN
					42	136					294	138	
4	23	891	324	5	4	38	294	962	595	5	272 1/2	44	T RODRIGUEZ
					58	174					239	182	
5	48	572	349	5	38	20	231	961	532	5	223	16	
					48	194					232	198	
6	38	602	339	5	28	20	223	752	524	5	214	18	
						214						216	
	325	900					1486	091				214	
							325	900				430	MTRS
						—	1160	191					
B.M. 208-67													B.M. 208-67 (U.S.C.&G.S. T-970)
													OLD RIDGE RT., 2.2 MI.
													N'LY OF CASTAIC UN. SCHOOL
													E. OF RD.
													F.B. 3721-153

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/25/69 WEATHER CLEAR & CALM INST. NO. 75239

INDEXED D.D. CALL DATE SEP 8 '69 TIME 10:00 A.M. ROD NO. 9819

NOTES CHKD. [illegible] DATE

F.B. 2479 PG. 185

T = 94°
T = 98°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 208-67 TO B.M. 208-66
B.M. 208-67									B.M. 208-67 (U.S.C.&G.S. T-970)
				234				66	OLD RIDGE RT, 2.2 MI.
1	224	218	525 5	214 20	57	771	358 5	48 18	N'LY OF CASTAIC UN.
				255				52	SCHOOL - E. OF RD.
2	245	590	546 5	235 20	43	763	344 5	34 18	F.B 3721-153
				291 40				40 36	
3	291	188	592 5	278 1/2 36	20	859	321 5	0 40	
				295 76				99 76	
4	296	481	596 5	268 1/2 54	72	228	373 5	45 54	RERUN
				296 130				102 130	
5	263	862	564 5	230 66	71	763	372 5	40 62	T RODRIGUEZ
				192 196	78			89 192	
6	183	249	484 5	174 18	~~77~~	008	379 5	67 22	
				214				214	
	1503	578			344	392		214	
	344	392						428	MTLS
+	1159	186							
B.M. 208-66									B.M. 208-66
									OLD RIDGE RT., 2.5 MI.
									N'LY OF CASTAIC UN. SCHOOL
									E. OF RD.
									F.B 3721-151

F.B. 2479 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. COUNTY PRECISE LEVELING

SURVEY BY BOWER NOTES R. ANDERSON 8/25/69

INDEXED C.T. GALLE DATE

WEATHER CLEAR & CALM INST. NO. 75238

TIME 10:30 A.M. ROD NO. 9819

NOTES CHKD. [illegible] DATE

T=980
T-980

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.82 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 2417 Pg. 187

SURVEY BY R.C. Bowers — DATE 8/21/69 — WEATHER Clear & Calm — INST. No. 2 & 12

NOTES BY R. Anderson — TIME 1:30 PM — ROD NO. 2 & 12

INDEXED — DATE — NOTES CHKD — DATE

T = 112°
T = 106°

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 208-67 TO B.M. 208-68
B.M. 208-67				34					B.M. 208-67 (U.S.C. & G.S. T 970)
				22				296	OLD RIDGE RT., 2.2 MI.
1	63 133		364 5	12	279 620		580 5	262 34	N'LY OF CASTAIC UN. SCHOOL
				58				242	E. OF RD.
2	48 073		349 5	38 20	232 219		533 5	222 20	F.B. 3721-153
				40 54				260 54	
3	26 342		327 5	12 28	246 620		546 5	230 30	
				154 82				152 84	
4	129 105		430 5	104 50	126 650		427 5	100 52	
				104 132				285 134	
5	133 519		434 5	102 02	285 807		586 5	258½ 54	
				48 194				255 190	T RODRIGUEZ
6	37 852		338 5	26 22	242 518		543 5	229 26	
				42 216				291 216	
7	18 820		319 5	18 ½ 48	291 029		592 5	266½ 50	
				130 264			882	250 266	
8	112 071		413 5	94 36	228		629 5	208 42	
				82 300				278 308	
9	65 892		366 5	48 34	264 482		665 5	250 28	
				59 334				279 336	
10	49 229		350 5	39 20	265 972		666 5	256 19	
				36 354				272 354	
11	23 930		329 5	10 26	261 571		562 5	250 22	
				14 380				122 376	
B.M. 208-68	140 891		441 5	134 12	117 706		418 5	112 16	B.M. 208-68
	848 857	✓		392	2842 076	✓		386	OLD RIDGE RT., 1.8 MI.
					848 857	✓		392	N'LY OF CASTAIC UN. SCHOOL
					− 1993 219	✓		778	m. E. SIDE OF RD.
									F.B. 3721-155

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

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

Do not extend notes this side of this line.

F.B. 2479 PG. 188 — SURVEY OF Baldwin COUNTY PRECISE LEVELING NET 0301.03 — SURVEY BY Bowers NOTES R. Anderson 8/12/69 — INDEXED B.M. Calls DATE

WEATHER Clear/Calm TIME 9:35 A.M. NOTES CHKD Cox DATE 8/13

INST. NO. 75 289 ROD NO. 9819

T = 97°
T = 108°

STATION	BACKSIGHT RIGHT	MIC.	LEFT	STADIA	FORESIGHT RIGHT	MIC.	LEFT	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-68 TO B.M. 208-67
B.M. 208-68									B.M. 208-68
1	114	042	415	5	139	592	440	5	OLD RIDGE RT., 1.8 MI. NWLY OF CASTAIC UN. SCHOOL E. OF RD.
2	272	368	573	5	32	401	333	5	F.B. 3721-155
3	261	116	562	5	44	541	345	5	
4	270	088	571	5	71	330	372	5	
5	226	282	527	5	109	188	410	5	T. RODRIGUEZ
6	289	581	590	5	17	658	318	5	
7	235	433	536	5	30	409	331	5	
8	280	149	581	5	128	138	429	5	
9	124	542	425	5	128	210	429	5	
10	247	292	548	5	26	943	327	5	
11	234	153	535	5	51	781	352	5	
B.M. 208-67	287	760	588	5	69	661	370	5	B.M. 208-67 (U.S.C.&G.S. T-970
	2842	806 ✓			849	842 ✓			OLD RIDGE RT., 2.2 MI. NWLY OF CASTAIC UN. SCHOOL E. OF RD.
	849	842 ✓							F.B. 3721-153
+	1992	964 ✓							

STADIA	
120	
108	12
284	
260	24
270	36
252	18
285	54
255	30
296	84
206	40
289	124
266	1/2 46
248	170
222	26
280	196
250	1/2 60
149	256
99	50
262	306
232	30
244	336
224	20
287	356
270	1/2 34
	390

STADIA	
141	
134	10
44	
20	24
54	34
34	20
87	54
55	32
128	86
90	38
41	124
17	1/2 48
42	172
18	24
158	196
98	60
154	256
104	50
40	306
12	28
61	334
41	20
86	354
53	32
386	
390	
776	

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R.C. BOWERS

NOTES BY R. ANDERSON DATE 8/21/69

INDEXED C.L. GALLI DATE

WEATHER CLEAR & LT. WIND INST. NO. 75289

TIME 2:25 P.M. ROD NO. 9 & 19

NOTES CHKD. [illegible]

F.B. 2479 PG. 189

T=106°
T=108°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-68 TO B.M. 208-69
B.M. 208-68									B.M. 208-68
				28	281			288	OLD RIDGE RT. 1.8 MI.
1	20	752	321 5	12 16	~~280~~	039	582 5	274 14	N'LY OF CASTAIC UN. SCHOOL
	38			46		311		242	E. OF RD.
2	~~37~~	021	339 5	30 16	235	311	536 5	228 14	F.B. 3721-155
				38 32				293 28	
3	26	322	327 5	14 24	293	412	594 5	280½ 26	
				39 56				270 54	
4	30	330	331 5	19 20	261	967	562 5	252 18	
				60 76				289 72	T RODRIGUEZ
5	41	379	342 5	22 38	289	512	590 5	268½ 42	
				30 114				270 114	
6	20	772	321 5	10 20	261	831	562 5	252 18	
				74 134				285 132	
7	65	907	366 5	56 18	275	890	576 5	265 20	
				52 152				272 152	
8	42	965	343 5	32 20	261	027	562 5	250 22	
				80 172				228 174	
9	68	282	369 5	56 24	217	550	518 5	206 22	
				28 196				292 196	
10	15	988	316 5	2 26	292	452	593 5	280½ 24	
				28 222		772		122 220	
11	25	722	326 5	22 6	119	~~766~~	420 5	116 6	
				59 228				280 226	
12	56	003	357 5	53 6	279	556	580 5	278 2	B.M. 208-69 (U.S.C. & G.S. P-52)
B.M. 208-69				234	3069	319	✓	228	OLD RIDGE RT. 1.5 MI. N'LY
	452	443	✓		452	443	✓	234	OF CASTAIC UN. SCHOOL - E OF RD
				—	2616	876	✓	462	F.B. 3721-157

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-69 TO B.M. 208-68
B.M. 208-69									B.M. 208-69 (U.S.C. & G.S. P-52
	265			267				32	OLD RIDGE RT., 1.5 MI.
1	~~27~~ 431	566	5	263 4	30 412	331	5	28 4	N'LY OF CASTAIC UN.
				220				46	SCHOOL - E. SIDE OF RD.
2	219 041	520	5	218 2	44 182	345	5	42 4	F.B. 3721-157
				230 6				50 8	
3	220 133	521	5	210 20	36 466	337	5	22 28	
				240 26				88 36	
4	228 648	529	5	216 24	78 863	379	5	68 20	
				268 50				50 56	
5	257 068	558	5	246 22	40 349	341	5	30 20	⊼ RODRIGUEZ
				274 72				62 76	
6	265 433	566	5	256 18	53 890	354	5	44 18	
				290 90				51 94	
7	282 563	583	5	274 16	41 470	342	5	31 20	
				257 106				20 114	
8	243 693	544	5	229 28	10 121	311	5	10 ½ 20	
				284 134				37 134	
9	273 248	574	5	262 22	27 039	328	5	17 20	
				297 156				42 154	
10	297 512	598	5	286 ½ 22	30 725	331	5	18 24	
				254 178				58 178	
11	247 732	548	5	240 14	50 392	351	5	42 16	
				277 192				16 194	
B.M. 208-68	269 052	570	5	261 16	8 768	309	5	0 16	B.M. 208-68
	3069 554			208	452 677			210	OLD RIDGE RT., 1.8 MI. N'LY
	452 677							208	OF CASTAIC UN. SCHOOL
+	2616 877							418	E. OF RD.
									F.B. 3721-155

T - 88°
T - 97°

F.B. 2479 Pg. 190 JOB NO. 03 01 02

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY Bowers NOTES R. Anderson 8/22/69 WEATHER Clear & Calm INST. NO. 75234

INDEXED D.L. GALLI DATE TIME 8:50 P.M. ROD NO. 9819

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY R.C.B. WEATHER Clear INST. NO. 75234

NOTES BY Rodriguez DATE 8-25-69 TIME 11:00 ROD NO. 9-19

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

F.B. 2479 Pg. 191

F=94° T=98°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM208-69									FROM BM208-69 TO BM208-70
									BM208-69
1	73	728	374 5	98 48 50	296	193	597 5	296 275½ 42	Old Ridge RTE 1.55 mi No of Castaic Union School
									F.B. 3721-157
2	33	217	334 5	44 22 22	278	355	579 5	292 264 28	
3	9	330	310 5	18 9 (½ 72 18	235	910	536 5	243 227 70 16	
4	21	770	322 5	11 31 90 20	228	119	529 5	235 221 86 14	⊼ = ANDERSON
5	19	428	320 5	29 9 110 20	258	324	559 5	268 248 110 20	
6	15	043	316 5	25 5 130 20	230	973	531 5	240 220 130 20	
7	12	709	313 5	22 2 150 20	265	532	566 5	276 254 150 22	
8	30	830	331 5	39 21 170 18	228	311	529 5	237 219 172 18	
9	76	170	377 5	81 71 188 10	185	378	486 5	190 180 170 10	
10	53	473	354 5	61 45 198 16	251	210	552 5	260 242 190 18	
				214				208	
	345	698			2458	305		214	
					345	698		432	MTRS
BM208-70					2112	607			BM208-70
									Old Ridge RTE 1.35 mi No of Castaic Union School
									F.B. 3721-159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM-208-70 TO BM208-69
BM 208-70									BM 208-70
									Old Ridge RTE 1.35 MI
1	242	958	543 5	250 / 234 16	44	640	345 5	52 / 36 16	No, of Castaic Union
									School
2	189	862	490 / ~~48~~ 5	194 / 184 10	81	362	382 5	86 / 76 10	F.B 3721 -159
				26				26	
3	226	569	527 5	234 / 218 16	28	566	329 5	38 / 18 20	
				42				46	
4	264	032	565 5	276 / 252 24	11	566	312 5	21 / 1 20	
				66				66	
5	237	051	538 5	247 / 227 20	19	982	320 5	29 / 9 20	
				86				86	
6	262	838	563 5	272 / 252 20	25	262	326 5	35 / 15 20	
				106				106	
7	226	406	527 5	233 / 219 14	19	944	320 5	29 / 9 20	T = ANDERSON
				120				126	
8	237	758	538 5	246 / 228 18	11	078	312 5	19 / 3 16	
				138				142	
9	277	726	578 5	292 / 262 30	32	946	333 5	42 / 22 20	
				168				162	
10	299	620	600 5	299 / 275 (1/2 48	76	760	377 5	102 / 50 52	
				216				214	
	2464	820			352	106		216	
	352	106						430	MTRS
+	2112	714							
BM 208-69									BM 208-69
									Old Ridge RTE 1.55 MI
									No, of Castaic
									UNION SCHOOL
									F.B 3721 - 157

F.B. 2479 PG. 192 JOB NO. 030102

SURVEY OF L.A. COUNTY PRECISE LEVEL NET

SURVEY BY RCB NOTES RODRIGUEZ 2-2-69

INDEXED C. L. GALLI DATE

WEATHER Clear TIME 1:00 NOTES CHKD

INST. NO. 75234 ROD NO. 9-19 DATE

T = 106°
T = 104°

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN0301.02 Tape — Std — °F
Office Work	Surveyed by J.G. RANDALL
Checked	Notes Date MAR. '70
Date	Indexed C.L. GALLI APR 7 '70

F.B. 2479 PG. 193

LOS ANGELES COUNTY PRECISE LEVEL NET

RE-RUNNING PORTIONS OF LINES 102 & 208

SEE INDEX MAP PG. 194

MARCH ~ 1970

J.N. 0301.02

REFERENCES

F.B. 2412
F.B. 3725
F.B. 3721

PARTY

RANDALL, J.G.
ANDERSON, R.D.
RODRIGUEZ, R.J.
LOVE, L.
JOHNSON, 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.

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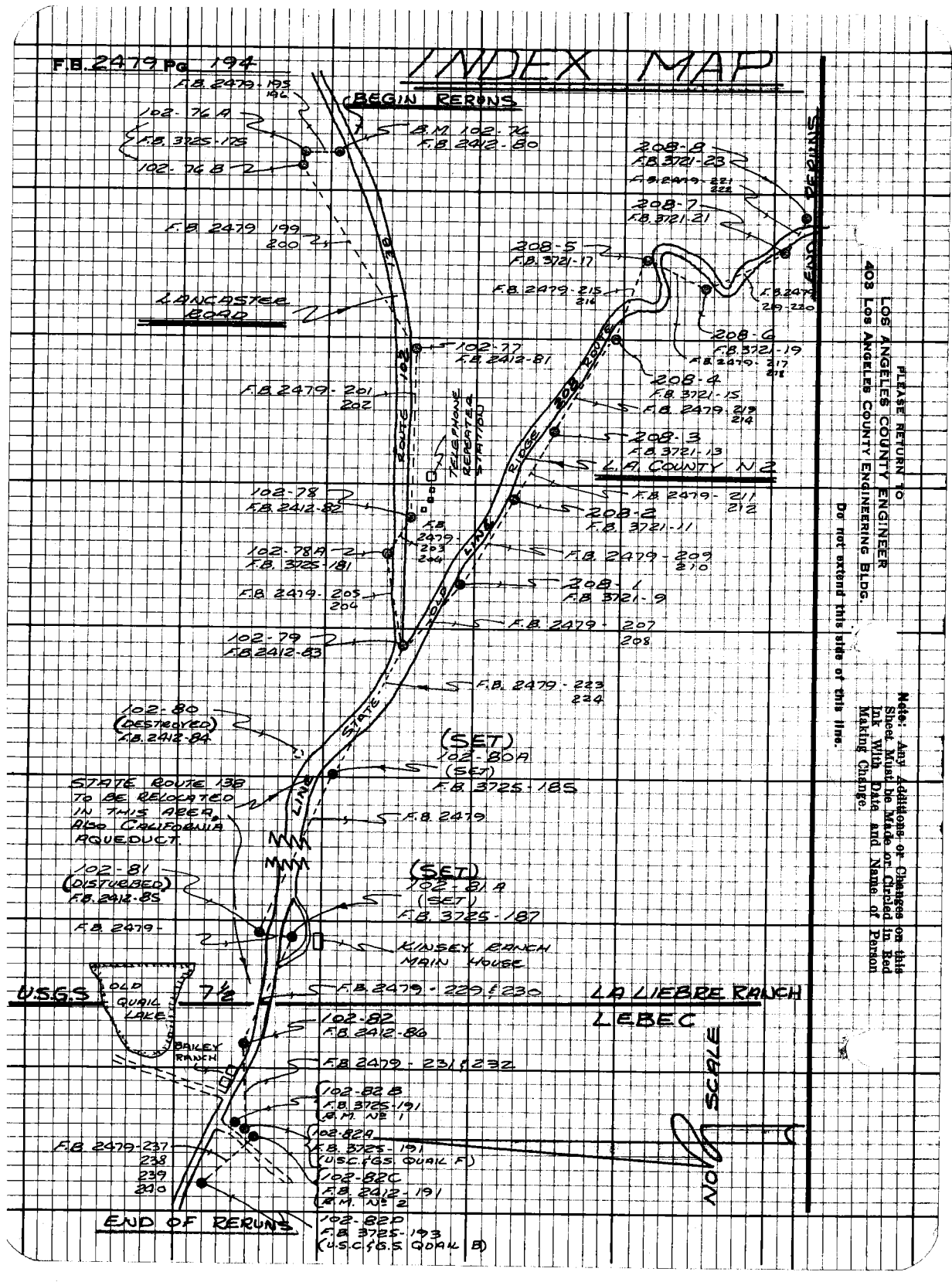
75F3098 CE#310 9-67

F.B. 2479 Pg 194

INDEX MAP



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76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY V. Rasmussen WEATHER Cloudy, cool, windy INST. NO. 7534
NOTES BY R. Anderson DATE 3-Mar-70 TIME 13:20 ROD NO. 12
CHECKED R. Galli DATE 12 7 70 NOTES CHKD. [illegible] DATE [illegible]
T = 440
F.B. 2412 Pg. 79

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-76 TO B.M. 102-76A
B.M. 102-76				31				283	B.M. 102-76
1	18	612	319 5	5 26	270	336	571 5	257 26	75' East P.A. Ne 1061987E
				52				253	F.B. 2412-80
2	41	140	342. 5	30 22	241	912	592. 5	229 24	
				82 48	170.			177 50	
3	82	601	383 5	75 19	177	427	471 5	163 14	
				142 62				21 64	B.M. 102-76A
4	124	588	425 5	106 36	3	549	304 5	3 116 36	Sandstone outcrop
B.M. 102-76A	+266	941 ✓		98	686	218 ✓		100 ✓	F.B. 3725-175
					+266	941 ✓		98 ✓	
					+419	277 ✓		198	T Rodriguez

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-76A TO B.M. 102-76
B.M. 102-76A					28						194		B.M. 102-76 A
1	16	680	317	5	4	24	182	487	483	5	170	24	Sandstone outcrop
													F.B. 3725-175
2	280	363	581	5	290 270	20	65	738	366	5	75 55	20	
						44						44	
3	289	758	590	5	289 275 1/2	28	20	742	321	5	35 5	30	
						72						74	B.M. 102-76
4	209	262	510	5	214 204	10	107	889	408	5	112 10	10	75' E. of P.P. 1061987E
B.M. 102-76	+796	063	✓			82	376	856	✓			84	✓ F.B. 2412-80
	-376	856	✓									82	✓ ↑ RODRIGUEZ
	+419	207	✓									166	M.

F.B. 2479 PG. 196

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY RANDALL NOTES R. ANDERSON 3 MAR. '70

INDEXED C.J. GALLI DATE

WEATHER CLOUDY & LT. WIND INST. NO. 75234

TIME 13:50 ROD NO. 1713A.B

NOTES CHKD [illegible] DATE [illegible]

T = 440

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-76A TO B.M. 102-76B
B.M. 102-76A				180				238	B.M. 102-76A
1	178	337	479.5	176 4	236	736	537.5	239 4	F.B. 3725-175
B.M. 102-76B								4	B.M. 102-76B
~~2~~								8	M F.B. 3725-175
					236	736			
					178	337			
					58	399			
									⊼ RODRIGUEZ
~~B.M. 102-76B~~									~~B.M. 102-76B~~

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 3 MAR. '70

INDEXED C.L. GALLO DATE 7 '70

WEATHER Cloudy & Lt. Wind

TIME 13:45

NOTES CHKD. [illegible] DATE

INST. NO. 75234

ROD NO. 17134-8

T = 44°50°

F.B. 2479 Pg. 197

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. ~~106~~ 102-76B TO B.M. 102-76A
B.M. 102-76B									B.M. 102-76 B
				239				181	F.B. 3725-175
1	237	788	538 5	238 4	179	393	480 5	177 4	
								4	
B.M. 102-76A B								8	M. B.M. 102-76A
	+237	788							F.B. 3725-175
	-179	393							
	+58	395							
									T RODRIGUEZ
~~B.M. 102-76B~~ A									~~B.M. 102-76A~~

T = 44° 50°

WEATHER Cloudy & Gr. Wind INST. NO. 75234

TIME 13:45 ROD NO. 1713A-B

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES ANDERSON 3, MAR. '70

INDEXED G.J. GALLY DATE

F.B. 2479 Pg. 198

76P526 CE # 308 3-65

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

SURVEY BY J. RANDALL

NOTES BY R. ANDERSON DATE 3 MAR. '70

INDEXED R. LOAIZA DATE [illegible] 70

WEATHER Cloudy & Windy

TIME 14:20

NOTES CHKD [illegible] DATE [illegible]

INST. NO. 75-239

ROD NO. 71318-B

F.B. 2479 Pg. 199

T = 46°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-76B TO B.M. 102-77
B.M. 102-76B				228				48	B.M. 102-76B
1	202	771	503 5	176 52	23	878	324 5	23 ½ 50	F.B. 3725-175
				297				20	Rock out cropping
2	297	358	598 5	283 ½ 28	6	681	307 5	6 ½ 28	
				80				62 78	
3	266	870	567 5	276 256 20	50	440	351 5	38 24	
				100				77 102	
4	258	142	559 5	268 248 20	68	472	369 5	59 18	
				120				95 120	
5	245	130	546 5	252 238 14	87	542	388 5	79 16	
				134				47 136	
6	279	130	580 5	279 250 ½ 58	18	158	319 5	18 ½ 58	
				192		882		34 194	
7	244	058	545 5	268 220 48	8	~~818~~	309 5	8 ½ 52	⊼ RODRIGUEZ
				240				106 246	
8	273	518	574 5	301 245 56	84	519	386 5	62 44	
				296				91 290	
9	239	788	540 5	260 218 42	67	399	368 5	43 48	
				338				64 338	
10	257	912	558 5	287 227 60	36	841	337 5	8 56	
		NOTE-		398				52 394	
11	251	552	552 5	276 226 50	24	758	325 5	24 ½ 56	
				448				94 450	
12	220	888	521 5	237 203 34	76	946	377 5	58 36	
				482				109 486	B.M. 102-77
13	179	087	480 5	186 172 14	101	912	402 5	93 6	Culvert A 51+15
B.M. 102-77 +	3216	204 ✓		496	656	428 ✓		492	F.B. 2412-81
-	656	428 ✓						496	
+	2559	776 ✓						988	

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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. 102-77 TO B.M. 102-76B
B.M. 102-77									B.M. 102-77
1	100	196	401 5	108 / 92 16	177	509	478 5	185 / 169 16	Culvert A 51+15
									F.B. 2412-81
2	57	702	358 5	76 / 38 38	201	462	502 5	218 / 184 34	
				54				50	
3	23	707	324 5	50 / 23 1/2 54	274	798	575 5	274 / 244 1/2 60	
				108				110	
4	65	642	366 5	88 / 42 46	241	513	542 5	263 / 219 44	
				154				154	
5	26	582	327 5	58 / 26 1/2 64	252	112	553 5	285 / 219 66	T RODRIGUEZ
				218				220	
6	119	937	420 5	130 / 108 22	193	563	494 5	204 / 182 22	
	21	528		240				242	
7	~~19~~	~~498~~	322 5	58 / 21 1/2 72	298	491	599	298 / 264 1/2 68	
	35	962	336 5	55 / 15 312				310	- 3248.786
8	~~35~~	~~161~~	~~306 5~~	~~5 1/2 40~~	236	656	537 5	250 / 214 44	+ 689.099
				352				354	- 2559.687
9	63	712	364 5	73 / 53 20	165	309	466 5	174 / 156 18	
				372				372	
10	19	872	320 5	30 / 8 22	279	288	580 5	292 / 266 26	516
				394				398	518
11	18	163	319 5	33 / 3 30	263	656	564 5	276 / 250 26	1034 Stadia
				424				424	
12	37	719	338 5	50 / 24 26	259	472	560 5	272 / 246 26	
				450				450	
13	32	187	333 5	44 / 20 24	179	119	480 5	193 / 165 28	B.M. 102-76B
				474				478	Rock out cropping
14	66	190	367 5	87 / 45 42	225	838	524 5	245 / 205 40	F.B. 3725-175
B.M. 102-76B+	689	099		576	3248	786		578	

T = 48°

F.B. 2479 PG. 200

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net MAR

SURVEY BY Randall NOTES P. ANDERSON 6, 70

INDEXED ~~G.S. GALLI~~ DATE

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:45 ROD NO. 1713A-B

NOTES CHKD [signature] DATE

76P526 CE # 308 3-65

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

SURVEY BY Randall WEATHER Wind - Cloudy INST. NO. 25284

NOTES BY Johnson DATE 9-Mar-'70 TIME 10:00 ROD NO. 173 A-B

CHECKED BY [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

F.B. 2479 Pg. 21

T. 59

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-77 TO B.M. 102-78
B.M. 102-77				164				95	B.M. 102-77
1	138	783	439 5	112 52	69	470	370 5	43 52	Culvert A 51+15
	249			276				28	F.B. 2412-81
2	~~250~~	968	550 5	224 50	3	572	304 5	½ 3 50	
				262 102				43 102	
3	247	580	548 5	232 30	27	237	328 5	11 32	
				256 132	51			71 134	
4	234	628	535 5	212 44	~~87~~	753	352 5	31 40	
				273 176				42 174	
5	254	437	555 5	235 38	23	251	324 5	4 38	
				289 214				46 212	
6	271	631	572 5	~~253~~ 253 36	27	185	328 5	8 38	
				236 250		098		80 250	Π Anderson
7	~~217~~ 217	570	518 5	198 38	61	~~362~~ 362	362 5	42 38	
				261 288				52 288	
8	245	900	546 5	229 32	35	260	336 5	18 34	
				~~239~~ 230				~~80~~ 222	
9	229	210	530	219 20	73	020	374 5	66 14	
								~~336~~	B.M. 102-78
B.M. 102-78	+2089	707 ✓		~~240~~ 340	-371	848 ✓		240	At Fence Corner
	- 371	848 ✓						476	F.B. 2412-82
	~~+1707~~	~~859~~						STADIA	
	+1717	859 ✓						336 ✓	
								340 ✓	
								676 ✓	

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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. 102-78 TO B.M. 102-77
B.M. 102-78				66				223	B.M. 102-78
1	59	038	360 5	52 14	215	420	516 5	207 16	Fence Corner
				49				260	F.B. 2412-82
2	33	705	334 5	17 32	243	284	544 5	226 34	
				72 46				227 50	
3	52	710	353 5	32 40	209	881	510 5	191 36	
				43 86				286 86	
4	24	850	325 5	5 38	268	856	569 5	250 36	
				38 24				267 122	⊼ ANDERSON
5	19	908	320 5	0 38	248	870	549 5	229 38	
				76 162				239 160	
6	56	015	357 5	36 40	220	632	521 5	201 38	
				21 202				258 198	
7	3	359	304 5	½ 3 (36) 42	244	934	545 5	230 28	
				43				294 226	
8	21	171	322 5	½ 21 46	266	921	567 5	238 56	
				111 284				178 282	B.M. 102-77
9	85	721	386 5	59 52	155	317	456 5	132 46	Culvert A 51+15
B.M. 102-77	+356	477	✓	336	2074	115	✓	~~28~~ 328 ✓	F.B. 2412-81
					+356	477	✓	336 ✓	
					1717	638	✓	~~654~~ 664 ✓	

F.B. 2479 PG. 202 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES DATE: 3/9/70

INDEXED G.L. GALLI DATE

T=48

WEATHER INST. NO. 75234

TIME 1:55 ROD NO. 1713 A.B

NOTES CHKD [signature] DATE

76P526 CE # 308 3-65

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-78 TO B.M. 102-78A
B.M. 102-78				161				65	B.M. 102-78
1	150	947	451 5	139 22	52	328	353 5	39 26	Fence Corner Culvert A 29+71
				275				64	F.B. 2412-82
2	258	968	559 5	241 34	49	720	350 5	34 30	⊼ ANDERSON
				234 56				162 56	
3	222	899	523 5	210 24	152	752	453 5	142 20	B.M. 102-78A
B.M. 102-78A	+632	814		80	-254	800		76	Culvert 53-543
	-254	800						80	F.B. 3725-181 ~~⊼ ANDERSON~~
	+378	014						156	

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

SURVEY BY Randall

NOTES BY JOHNSON DATE 9-Mar-70 TIME 10:45 WEATHER Windy-Cloudy INST. NO. 75234 ROD NO. 1713 A-B

INDEXED C.L. GALLE DATE APR 7 '70 NOTES CHKD. [illegible] DATE

T. 30°

F.B. 2479 PG. 203

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-78A TO B.M. 102-78
B.M. 102.78A					169						233		B.M. 102. 78A
1	159	469	460	5	149	20	222	194	523	5	211	22	Headwall Culvert 53-543
					58						277		F.B. 3725-181
2	42	504	345	5	26	32	260	798	561	5	243	34	
					51	52					145	56	
3	37	417	338	5	23	28	134 ~~134~~	501	435	5	123	22	
	+239	390	✓			80	-617	493	✓			78 ✓	
B.M. 102-78							+239	390	✓			80 ✓	B.M. 102-78
							378	103	✓			158 ✓	Corner of fence Culvert 29+71
													F.B. 2412-82
													⊼ ANDERSON

F.B. 2479 PG. 204 JOB NO. OB01.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Johnson DATE 3/9/70

INDEXED B.L. GALLI DATE

WEATHER Windy-Cloudy INST. NO. 75234

TIME 1:30 ROD NO. 1713 A.B

NOTES CHKD [illegible] DATE

T = 48

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Bonsell WEATHER Clear INST. NO 75234
NOTES BY Bonsell DATE 3-9-70 TIME 11:10 ROD NO. 1713 A-B
RECHKED D.R. Galt DATE 3-11-70 NOTES CHKD [illegible] DATE [illegible]
7:50°

F.B. X179 P. 105

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-78A TO B.M. 102-79
B.M. 102-78A									B.M. 102-78A
1	264	077	565	5 279 299 30	138	611	439	5 153 123 30	Headwall Culvert 53-543
									F.B. 3725-181
2	146	560	947	5 162 130 32	207	150	508	5 222 192 30	
				62				60	
3	51	077	352	5 70 32 38	290	771	591	5 ½ 290 270 40	
				100				100	
4	12	319	313	5 ½ 28 12 32	295	392	576	5 ½ 275 243 32	T Johnson
				132				132	
5	20	161	321	5 ½ 38 20 36	295	832	596	5 ½ 295 259 36	
				168				168	
6	51 54	171	352	5 68 34 34	246	880	547	5 264 228 36	
B.M. 102-79	545	365	✓	202	1474	636	✓		204
7					545	365	✓		202
					929	271	✓		406
									B.M. 102-79
									Junction L.A. Co N3
									Hines & State 138
									F.B. 2412-83

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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. 102-79 TO B.M. 102-78A
B.M. 102-79													B.M. 102-79
1	237	085	538	5	255 219	36	41	320	342	5	59 23	36	Junction Co. N3 & State 138
													F.B. 2412-83
2	295	734	596	5	295 ½) 277	36	20	550	321	5	38 ½) 20	36	
						72						72	
3	291	882	592	5	291 ½) 273	36	8	761	309	5	24 ½) 8	36	
						108						108	
4	294	331	595	5	294 ½) 275	38	37	432	338	5	56 18	38	
						146						146	⊼ Johnson
5	201	745	502	5	216 186	30	158	338	459	5	176 140	36	
						176						182	
6	143	410	444	5	157 129	28	268	619	569	5	281 255	26	
B.M. 102-78A	-1464	187				204	-535	020				208	B.M. 102-78A
	-535	020										204	Headwall Culvert 53-543
	+929	167										412	F.B. 3725-181

B.M. 102-78A

T = 42°

WEATHER Clear INST. NO. 75234

TIME 1:00 ROD NO. 1713 A.B

NOTES CHKD. [illegible] DATE

F.B. 2479 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez 3/9/70

INDEXED C.J. GALLI DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Crandall et al WEATHER Cloudy INST. NO 7525

NOTES BY Rodriguez DATE 3-19-70 TIME 1:00 ROD NO 273-19

CHECKED D.L.Bath DATE MP 71 NOTES CHKD. DATE

F.B. 2479 Pg. 207

T = 44°

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM BM 102-79 TO BM 208-1
BM 102-79											BM 102-79
											Culvert Headwall, Junction
1	283	493	584	5	293 273 20	64	118	365	5	72 56 16	L.A. CO. No 2 of STATE 138
											F.B. 2412-83
2	239	910	540	5	249 229 20	13	419	314	5	½) 26 13 26	
					40					42	
3	246	946	567	5	279 253 26	15	431	316	5	½) 27 15 24	
					66					66	
4	292	090	593	5	½) 292 280 24	13	500	314	5	½) 24 13 22	
					90					88	
5	274	211	575	5	285 263 22	11	387	312	5	½) 22 11 22	
					112					110	
6	264	204	565	5	274 254 20	9	812	310	5	½ 20 9 22	T = JOHNSON
					132					132	
7	279	889	580	5	½) 269 20	19	870	320	5	29 9 20	
					152					152	
8	262	471	563	5	272 252 20	7	297	308	5	½ 17 7 20	
					172					172	
9	248	692	549		257 239 18	10	537	311 314	5	½ 20 10 20	B.M. 208-1
										192	Hwy. 5 Sta. 0.5, Culvert Headwall
B.M. 208-1	+2411	906	✓		190 190	165	371	✓		190	F.B. 3721-9
	-165	371	✓							382 NOTES	
	+2246	535	✓								

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Do not extend notes this side of this line.

T=5c'

F.B. 2479 Pg. 208 | JOB NO. 080.02 | SURVEY OF L.A.Co. Precise Level Net | SURVEY BY Donald/Rodriguez 3-26-70 | INDEXED R.T. GALT DATE | NOTES | WEATHER Clear INST. NO. 25234 | TIME 11:35 ROD NO. 213-A-B | NOTES CHKD WEL DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 208-1 TO BM 102-79
BM 208-1									BM 208-1
									Hwy. Sta. 0.50, Culvert Headwall
1	16	789	317	5	26 6 20	269	290	570 5	279 259 20	F.B. 3721-9
2	35	091	336	5	44 26 18	273	911	574 5	283 263 20	
					38				97 277 40
3	20	326	321	5	30 10 20	286	652	587 5	275 22
					58				62
4	19	651	320	5	28 10 18	272	588	573 5	280 264 16
					76				78
5	13	400	314	5	½) 26 13 26	300	542	601 5	½) 300 288 24
					102				102
6	41	383	342	5	50 32 18	247	242	550 5	258 240 18	T Johnson
					120				120
7	10	081	311	5	½) 22 10 12	301	010	602 5	½) 301 286 30
					132	301	010		150
8	18	183	319	5	32 4 28	266	017	567 5	277 255 22
					172				172
9	67	688	368	5	76 58 18	269	839	570 5	278 260 18	B.M. 102-79
					190				190	Culvert Headwall, Junction L.A.Co.
BM 102-79 +	242	592 ✓				-2489	091 ✓			N2 ¢ State 138
						+ 242	592 ✓		190 ✓	F.B. 2412-83
						= 2246	499 ✓		380 MTRS	

76P526 CE # 308 3-65

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LOS ANGELES COUNTY ENGINEER
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Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. G. RANDALL WEATHER CLEAR & CALM INST. NO. 72234
NOTES BY R. ANDERSON DATE 11 MAR. '78 TIME 10:30 ROD NO. 713 A-B
INDEXED G.R.DALL DATE 3-13 NOTES CHKD. DATE
T. 46 F.B. 2479 Pg. 209

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-1 TO B.M. 208-2
B.M. 208-1				289				44	B.M. 208-1
1	272	382	573 5	255 34	28	158	329 5	12 32	Hwy Sta. 0.50, Culvert Headwall
				297				14	F.B. 3721-9
2	297	310	598 5	286 1/2 22	3	565	304 5	3 1/2 22	
				301 56				44 54	
3	301	691	602 5	289 1/2 24	34	732	335 5	29 20	
				270 80				25 74	
4	261	102	562 5	252 18	13	316	314 5	1 24	π RODRIGUEZ
				290 98				32 98	
5	279	212	580 5	268 22	20	510	321 5	8 24	
				294 120				16 122	
6	294	432	595 5	282 1/2 24	1	260	305 5	4 1/2 24	
				290 144				55 146	
7	280	922	581 5	270 30	46	582	347 5	37 18	
				215 164				266 164	
8	210	382	511 5	205 10	261	792	562 5	256 10	
	2197	433		174	412	865		174 ✓	
	- 412	865 ✓						174 ✓	
	+ 1784	568 ✓						348 M.	
B.M. 208-2									B.M. 208-2
									Hwy. Sta. 0.50, Culvert Headwall
									F.B. 3721-11

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Do not extend notes this side of this line.

T. 54°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 13:55 ROD NO. 1713 A.B.

NOTES CHKD DATE

F.B. 2479 Pg. 210

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES Anderson - Mt. Mtg. '70

INDEXED B.L. GALLI DATE

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-2 TO B.M. 208-1
B.M. 208-2				269				218	B.M. 208-2 50
1	264	490	565 5	259 10	213	374	514 5	208 10	Hwy. Sta 0.50, Culvert Headwall
				62				297	F.B. 3721-11
2	53	390	354 5	44 18	287	790	588 5	277 20	
				34 28				297 30	
3	22	322	323 5	10 24	297	802	698 5	286 ½ 22	
				16 52				291 52	
4	4	180	305 5	4½ ~~30 5~~ 34	~~4~~	~~1/4 24~~	581 5	269 22	T. RODRIGUEZ
				76	280	420		274 74	
5	20	054	321 5	82 8 24	265	474	566 5	256 18	
				67 100				301 92	
6	59	210	360 5	51 16	301	642	602 5	288 ½ 26	
				116				300 118	
7	11	424	312 5	22 0 22	289	962	690 5	278 22	
				21 138				286 140	
8	3	782	304 5	3 1½ 36	286	948	587 5	268 ½ 36	
	+438	852 ✓		174	-2223	412 ✓		176 ✓	
					+438	852 ✓		174 ✓	
					=1784	560 ✓		350 ✓M	
B.M. 208-1									B.M. 208-1
									Hwy. Sta 0.50, Culvert Headwall
									F.B. 3721-9

76P526 CE # 308 3-65

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-2 TO B.M. 208-3
B.M. 208-2									B.M. 208-2
1	297	488	598 5	297 292 ½ 10	96	762	397 5	101 91 10	Hwy Sta. ~~0.70~~ 0.50, Culvert Headwall
									F.B. 3721-11
2	296	652	597 5	296 285 ½ 22	23	748	324 5	34 12 22	
				32				32	
3	296	590	597 5	296 284 ½ 24	7	190	308 5	19 7 ½ 24	
				56				56	
4	284	762	585 5	294 274 20	12	938	313 5	24 0 24	⊼ RODRIGUEZ
				76				80	
5	287	122	588 5	299 275 24	26	888	327 5	36 16 20	
				100				100	
6	268	802	569 5	278 258 20	37	892	338 5	47 27 20	
				120				120	
7	280	192	581 5	291 269 22	6	212	307 5	18 6 ½ 24	
				142				144	
8	296	462	597 5	296 284 ½ 24					
				166	29	260	330 5	41 17 24	
~~9~~								168	
9	298	260	599 5	298 286 ½ 24	18	328	319 5	30 6 24	
				190				192	
10	262	292	563 5	272 252 20	62	160	363 5	73 51 22	B.M. 208-3 (U.S.C.&G.S. X-53 X-3)
	+2868	622 ✓		210	-321	318 ✓		214 ✓	0.2 mi. S.E.'ly along Ridge Rt.
B.M. 208-3	321	318 ✓						210 ✓	F.B. 3721-13
	+2547	304 ✓						424 ✓	

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

SURVEY BY J. G. RANDALL WEATHER CLEAR & CALM INST. NO. 75234

NOTES BY R. ANDERSON DATE 11 MAR. '70 TIME 11:05 ROD NO. 113A-B

INDEXED C. J. GALTE DATE 11 MAR 70 NOTES CHKD. [illegible] DATE

T: 46°

F.B. 2479 Pg. 211

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INST. NO. 75234 ROD NO. 1113 A.B

WEATHER Clear/windy TIME 13:15 NOTES CHKD DATE

T. 48°

SURVEY OF L. A. Co. Precise Level Net JOB NO. 0301.02

SURVEY BY RANDALL NOTES P. Anderson - 11 Mar. '70 DATE

INDEXED G.H. GALLI

F.B. 2479 Pg. 2/2

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.				RIGHT	MIC.	LEFT.				FROM B.M. 208-3 TO B.M. 208-2 ?
B.M. 208-3					68						211		B.M. 208-3 (U.S.C.&G.S. X53)
1	51	868	352	5	39	29	252	162	553	5	243	18	0.70 mi. S.E'ly along Ridge Rt.
					42						297		F.B. 3721-13
2	32	026	383	5	22	20	297	158	598	5	284 ½	26	
					27	49					297	49	
3	15	802	314	5	3	24	297	658	598	6	286 ½	22	
					38	68	300		601	5	300	66	
4	26	042	327	5	14	29	~~303~~	422	~~304~~	6	289 ½	22	T. RODRIGUEZ
					62	92		060			295	88	
5	53	540	354	5	~~44~~	18	284	~~050~~	585	5	273	22	
					44	110					293	110	
6	33	192	334	5	22	22	293	407	594	5	282 ½	22	
					32	132					292	132	
7	20	848	321	5	8	24	292	802	593	5	282 ½	20	
					46	156					296	152	
8	35	870	336	5	29	22	296	910	597	5	289 ½	24	
					22	178					294	176	
9	9	132	310	5	9	26	294	018	595	5	282 ½	24	
					89	204					301	200	
10	89	363	385	5	79	10	301	540	602	5	296 ½	10	
	+ 362	683	✓			214	2910	137	✓			210	✓
							+ 362	683	✓			214	✓
							2537	454				424	✓ B.M. 208-2
B.M. 208-2							2547	454	✓				Hwy. Sta. 0.50, Culvert Headwall
													F.B. 3721-11

76P526 CE # 308 3-65

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. G. RANDALL WEATHER Clear INST. NO. 25284
NOTES BY Johnsen DATE 3/12/70 TIME 0930 ROD NO. 1713 A-B
RECORD BY G.S. Beach DATE 3/13/70 NOTES CHKD. DATE
T-54 F.B. 24779 Pg. 23

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-3 TO B.M. 4208-4
B.M. 208-3				210	17			28	B.M. 208-3 (U.S.C.&G.S. X-53)
1	197	565	498 5	184 26	~~10~~ 162	318	5	6 22	0.2 mi. S.E.'ly along Ridge Rt.
				272				28	F.B. 3721-13
2	163	780	564 5	254 18	8 058	309	5	½ 8 22	
				287 44				19 44	
3	275	970	576 5	263 24	7 450	308	5	½ 7 ~~22~~	
				270 68				37 68	
4	259	152	560 5	248 22	25 882	326	5	13 24	T Anderson
				257 90				77 92	
5	232	032	533 5	207 50	52 008	353	5	27 50	
~~6~~				267 140				18 142	
6	253	464	554 5	239 28	5 942	306	5	½ 5 26	
				291 168				15 168	
7	279	215	580 5	267 ~~24~~	3 765	304	5	½ 3 24	
				263 192				17 192	
8	254	470	555 5	245 18	8 127	309	5	½ 8 18	
				292 ~~210~~				45 210	
9	280	212	581 5	268 24	33 372	334	5	21 24	
				258 234				116 234	
10	251	722	552 5	244 14	109 728	910		102 14	B.M. 208-4
B.M. 208-4	2547	582 ✓		240 0	271 494 ✓			248 ✓	52'± S.E.'ly of Conc. Headwall
	- 271	494 ✓						248 ✓	Hwy. Sta. 1.25
	+2276	088 ✓						496 ✓	F.B. 3721-15

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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. 208-4 TO B.M. 208-3
B.M. 208-4				123				229	B.M. 208-4
1	116	343	417 5	109 14	222	592	523 5	215 14	52' ± S.E.'ly of Conc. Culvert
				15				297	Head wall, Hwy. Std. 1.25
2	4	125	305 5	½) 4 22	286	632	587 5	275 22	F.B. 3721-15
				16 36				266 36	
3	6	762	307 5	½) 6 20	256	132	557 5	246 20	
				22 56				295 56	⊼ ANDERSON
4	11	015	312 5	½) 11 22	283	468	584 5	271 24	
				22 78				247 80	
5	10	191	311 5	½) 10 24	236	334	537 5	225 22	
				61 102				259 102	
6	33	097	334 5	5 56	234	523	535 5	209 50	
				49 158				294 152	
7	38	810	339 5	27 22	294	230	595 5	½) 280 28	
				38 180				264 180	
8	29	978	330 5	20 18	254	562	555 5	244 20	
				27 198				295 200	
9	16	317	317 5	5 22	295	258	596 5	½) 285 20	
				23 220				203 220	
10	12	732	313 5	1 22	191	518	492 5	179 24	B.M. 208-3 (U.S.C. & G.S. X-53)
B.M. 208-3 +	279	370	✓	242	2555	258	✓	244 ✓	0.3 mi. S.E.'ly along Ridge Rt.
					+ 279	370	✓	242 ✓	F.B. 3721-13
					- 2275	888	✓	486 ✓	

F.B. 2479 PG. 214

JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY RANDALL NOTES 3/12/70

INDEXED D. L. GALLI DATE

WEATHER INST. NO. 75234

TIME 1330 ROD NO. 1713 A.B.

NOTES CHKD DATE

T. 70

76P526 CE # 308 3-65

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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. 208-4 TO B.M. 208-5
B.M. 208-4				194				22	B.M. 208-4
1	180	894	481 5	166 28	8	720	309 5	½) 8 28	52' ± S.E.ly of Concrete Culvert
				294				49	Head wall, Hwy Sta. 1.25
2	294	061	595 5	½) 282 24	36	280	337 5	23 26	F.B. 3721-15
				283 52				29 54	
3	273	660	574 5	263 20	19	233	320 5	9 20	
				280 72				50 74	
4	270	509	571 5	260 20	40	150	341 5	30 20	⊼ ANDERSON
				300 92				17 94	
5	288	232	589 5	276 24	6	597	307 5	½) 6 22	
				296 116				47 116	
6	285	060	586 5	274 22	36	120	337 5	25 22	
				272 138				96 138	
7	266	368	567 5	255 22	84	172	385 5	72 24	
				294 160				17 162	
8	294	518	595 5	½) 284 20	7	822	308 5	½) 7 20	+ 3422 048 ✓
				262 180				18 182	- 349 279 ✓
9	252	882	553 5	242 20	8	990	309 5	½) 8 20	+ 3072 769 ✓
				239 200				23 202	
10	2 331	808	532 5	223 16	15	500	316 5	7 16	
				280 216				40 218	
11	269	418	570 5	258 22	29	553	330 5	18 22	
				252 238				27 240	
12	243	620	544 5	234 18	17	002	318 5	7 20	
				283 256				48 260	
13	271	018	572 5	259 24	39	140	340 5	30 18	B.M. 208-35
BM 208-35	+ 3522	048		280	349	279 ✓		278 ✓	1.25 mi. S.E.ly along Ridge Rt.
	- 349	279	See new Total of Right					280 ✓	F.B. 3721-17
	+ 3172	769						558 ✓	

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

SURVEY BY J. G. RANDALL

NOTES BY JOHNSON DATE 12-March-'70 WEATHER Calm-Clear INST. NO. 75234

INDEXED C. J. GALLI DATE AR 7'70 TIME 1030 ROD NO. 1713 A-B

NOTES CHKD. [signature] DATE

T: 58

F.B. 2479 Pg. 215

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INST. NO. 75234 ROD NO. 1713 A.B. DATE

WEATHER Calm - Clear TIME 11:30 NOTES CHKD

T-38

JOB NO. 0301.02 DATE 12-Mar-70

SURVEY OF L.A. Co. Precise Level Net

SURVEY by RANDALL NOTES Jennison

INDEXED R.L. GALLI DATE

F.B. 2479 Pg. 2/6

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.		BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.		FORESIGHT STADIA	DESCRIPTION AND REMARKS
											FROM B.M. 208-BS TO B.M. 208-4
B.M. 208-5					31					266	B.M. 208-5
1	23	241	324	5	15 16	255	170	556	5	244 22	1.23 mi. S.E'ly along Ridge Rt.
					27					234	F.B. 3721-17
2	17	750	318	5	7 20	226	540	527	5	218 16	
					22 36					277 38	
3	11	020	312	5	0 22	268	674	568	5	257 20	
					13 58					230 58	
4	5	681	306	5	½) 5 16	222	060	523	5	214 16	π ANDERSON
					26 (74 84					291 74	
5	17	658	318	5	8 18	282	498	583	5	273 18	
					37 92					293 92	
6	27	887	328	5	17 20	293	831	574	5	½) 284 18	
					98 112					296 110	
7	86	329	387	5	74 24	283	930	584	5	270 26	
					64 136					280 136	
8	56	561	357	5	48 16	267	698	568	5	254 26	
					24 (162 188					294 162	
9	12	113	313	5	½) 12 30	298	170	579	5	½) 288 20	
					39 182					294 182	
10	27	962	328	5	15 24	299	000	600	5	½) 288 22	
					52 206					240 204	
11	44	468	345	5	36 16	232	870	538	5	224 16	
					24 422					294 220	
12	11	612	312	5	½) 11 26	294	158	595	5	½) 281 26	
					22 498					214 246	
13 ~	9	650	310	5	½) 9 28	200	328	501	5	186 28	B.M. 208-4
B.M. 208-4 +	351	932 ✓			474	3424	877 ✓			274	52'± S.E'ly of Conc. Headwall
						+ 351	932 ✓			274 ✓	Hwy Sta. 1.25
						+ 3072	945 ✓			458	F.B. 3721-15
										548 ✓	

76P526 CE # 308 3-65

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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. 208-~~6~~5 TO B.M. 208-6
B.M. 208-5									B.M. 208-~~6~~5
1	221	679	522 5	231 211 20	28	011	329 5	38 18 20	1.23 mi. S.E.'ly along Ridge Rt.
									F.B. 3721-17
2	295	582	596 5	1/2) 295 284 22	8	182	309 5	1/2) 19 8 22	
				42				42	
3	293	042	594 5	1/2) 293 283 20	8	491	309 5	1/2) 19 8 22	
				62				64	
4	287	229	588 5	297 277 20	21	654	322 5	32 10 22	
				82				86	⊼ Johnson
5	292	084	593 5	1/2) 292 282 20	45	028	346 5	54 36 18	
				102				104	
6	279	768	580 5	290 ~~280~~ 268 22	19	285	320 5	29 9 20	
				124				124	B.M. 208-6
7	270	385	571 5	280 260 20	126	937	427 5	136 116 20	1.5 mi. S.E.'ly along Ridge Rt.
B.M. 208-6	+1939	769	✓	144	257	588	✓	144	F.B. 3721-19
8	-257	588	✓					144	
	+1682	181	✓					288	MTRS

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 3-13-70

INDEXED [illegible] DATE [illegible] 7[illegible]

WEATHER Clear-Calm INST. NO. 75234

TIME 9:20 ROD NO. 1713A-B

NOTES CHKD. [illegible] DATE

T = 60°

F.B. 2479 Pg. 217

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 208-6 TO B.M. 208-5
B.M. 208-6													B.M. 208-6
1	129	249	430	5	139 119	20	274	320	575	5	284 264	20	1.5 mi. S.E. 'ly along Ridge Rt.
													F.B. 3721-19
2	24	200	325	5	34 14	20	297	371	598	5	296 ½ 286	20	
						40						40	
3	59	591	360	5	68 50	18	288	895	589	5	298 278	20	
						58						60	
4	7	331	308	5	½ 19 7	24	292	271	593	5	292 ½ 280	24	
						82						84	
5	19	202	320	5	29 9	20	282	652	583	5	292 272	20	⊼ JOHNSON
						102						104	
6	4	394	305	5	½ 15 4	22	274	467	575	5	284 264	20	
						124						124	
7	8	192	309	5	½ 18 8	20	224	265	525	5	234 214	20	
B.M. 208-5 +	252	159				144	1934	241				144	B.M. 208-5
							+ 252	159				144	1.25 mi. S.E. 'ly along Ridge Rt.
							+ 1682	082				288	mtrs F.B. 3721-17

T=74°

F.B. 2479 PG. 218

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Rodriguez DATE: 3-13-70

INDEXED [illegible] DATE

WEATHER Clear-Mod INST. NO. 75234

TIME 1:00 ROD NO. 1713 A.B

NOTES CHKD [illegible] DATE

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 3-13-70

WEATHER Clear-Calm INST. NO. 75234

TIME 9:50 ROD NO. 1713-A-8

F.B. 2479 Pg. 219

T=60

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-6 TO B.M. 208-7
BM 208-6									BM 208-6
									1.5 mi. S.E.'ly along Ridge Rt.
1	294	551	595 5	300 / 288 12	77	833	378 5	83 / 71 12	F.B. 3721-19
2	283	668	584 5	294 / 272 22 / 34	28	471	329 5	38 / 18 20 / 32	
3	294	278	595 5	294 / ½ 282 24 / 58	10	921	311 5	23 / ½ 10 26 / 58	
4	268	768	569 5	274 / 262 12 / 70	68	437	369 5	73 / 63 10 / 68	
5	249	431	550 5	256 / 242 14 / 84	72	939	373 5	78 / 66 12 / 80	π = JOHNSON
6	268	752	569 5	279 / 257 22 / 106	22	172	323 5	33 / 11 22 / 102	
7	271	721	572 5	282 / 260 22 / 128	24	120	325 5	35 / 13 22 / 124	
8	263	551	564 5	274 / 252 22 / 150	11	617	312 5	21 / ½ 11 20 / 144	
9	254	530	555 5	261 / 247 14 / 164	64	596	365 5	72 / 56 16 / 160	
10	195	738	496 5	199 / 191 08 / 172	54	870	355 5	58 / 50 08 / 168	B.M. 208-7 (U.S.C.&G.S. U-991)
B.M. 208-7	+2644	988 ✓			435	976 ✓			Vertical in Sandstone Cut Bank
	+435	976 ✓							F.B. 3721-21
	+2209	012 ✓							340 MTRS

NOTE: Special Vertical Bench Rod used on 208-7, & Checked with Precise Rod. Same reading on Both Rods.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 208-7 TO B.M. 208-6
B.M. 208-7									B.M. 208-7 (U.S.C. & G.S. U-991)
									Vertical in Sandstone Cut Bank
1	54	595	355 5	58 50 08	195	438	496 5	200 190 10	F.B. 3721-21
									See Note Bottom pg. 219
2	63	060	364 5	71 55 16	259	011	560 5	266 252 14	
				24				24	
3	9	102	310 5	1/2 18 9 18	235	430	536 5	244 226 18	
				42				42	
4	8	922	309 5	1/2 20 8 24	288	462	589 5	1/2 288 274 28	
				66				70	
5	40	128	341 5	48 32 16	225	267	526 5	231 219 12	⊼ JOHNSON
				82				82	
6	21	395	322 5	32 10 22	286	029	587 5	297 275 22	
				104				104	
7	22	057	323 5	31 13 18	294	869	595 5	1/2 294 284 20	
				122				124	
8	19	823	320 5	32 6 26	277	411	578 5	290 264 26	
				148				150	
9	16	584	317 5	24 8 16	259	586	560 5	268 250 18	
				164				168	
10	115	737	416 5	118 112 06	258	995	559 5	260 256 04	B.M. 208-6
B.M. 208-6	371	403		170	2580	498		172	1.5 mi. S.E.'ly along Ridge Rt.
					+ 371	403		170	F.B. 3721-19
					- 2209	095		342	MTRS

F.B. 2479 PG. 220

JOB NO. 0301.02

SURVEY OF L.A. County Precise Level Net

SURVEY BY Randall NOTES Rodriguez 3-13-70

INDEXED B.B. Gall DATE

WEATHER Clear & Mod INST. NO. 75234

TIME 11:20 ROD NO. 1713-A-B

NOTES CHKD [illegible] DATE [illegible]

T=64

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 208-7 TO B.M. 208-8
B.M. 208-7									B.M. 208-7 (U.S.C.&G.S. D-991)
1	131	748	482 5	137 ~~120~~ 125 12	88	102	389 5	94 82 12	Vertical in Sandstone Cut bank
									F.B. 3721-21
2	263	252	564 5	272 254 18	51	142	352 5	60 42 18	See note Bottom pg. 219
				30				30	
3	293	128	594 5	293 ½) 282 22	12	298	313 5	24 ½) 12 24	
				52				54	
4	294	592	595 5	294 ½) 283 22	19	928	320 5	30 8 22	
				74				76	⊼ RODRIGUEZ
5	260	064	561 5	266 254 12	80	006	381 5	86 74 12	
				86				88	
6	286	942	587 5	288 284 4	191	582	492 5	193 189 4	B.M. 208-8 (U.S.C.&G.S. D-370)
B.M. 208-8	1529	726		90	443	058		92	1.8 mi. S.E.'ly along Ridge Rt.
	443	058						90	F.B. 3721-23
	1086	668						182	

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

SURVEY BY Randall

NOTES BY Anderson-Randall DATE 13-Mar-70

INDEXED [illegible] DATE [illegible]

WEATHER CLEAR & Lt. Wind INST. NO. 75234

TIME 10:35 ROD NO. 1713-A-B

NOTES CHKD. [illegible] DATE

T=70°

F.B. 2479 Pg. 221

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

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

Do not extend notes this side of this line.

F.B. 2479 Pg. 222 JOB NO. 0301.02
SURVEY OF L.A. Co. Practice Level Net
SURVEY BY Randall NOTES Randall 13-Mar-20
INDEXED DATE
T = 70°
WEATHER Clear - Calm INST. NO. 25234
TIME 11:20 ROD NO. 1313 A-B
NOTES CHKD DATE

STATION	BACKSIGHT					FORESIGHT					DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA		RIGHT	MIC.	LEFT.	STADIA		FROM B.M. 208-8 TO B.M. 208.7
B.M. 208-8				192					288		B.M. ~~208-7~~ 208-8 (U.S.C.&G.S. D-370)
1	190	029	491	188	4	286	230	587	284	4	1.8 mi. S.E. 1/4 along Ridge Rt.
				88					268		F.B. 3721-23
2	~~882~~	810	383	76	12	262	452	563	256	12	
		~~890~~		29	16				298	16	
3	18	~~890~~	319	7	22	287	838	588	276	22	
					38					38	
4	12	208	313	½) 24 12	24	299	289	600	½) 299 283	22	T Rodriguez
					62					60	
5	57	680	358	66 48	18	267	552	568	276 258	18	
					80					78	
6	93	608	394	99 87	12	138	632	439	144 132	12	
B.M. 208-7 +	455	225	✓		92	1541	993	✓		90	B.M. 208-7 (U.S.C.&G.S. U-991)
						+ 455	225	✓		92	Vertical in Sandstone Cut bank
						- 1086	768	✓		182	F.B. 3721-21
											See Note Bottom Pg. 219

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET — F.B. 2479 Pg. 223

SURVEY BY Edwards & Rudolf — WEATHER Clear, Calm — INST. NO. 25234

NOTES BY [illegible] — DATE 12-Mar-70 — TIME 11:30 — ROD NO. 213 B-8

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM B.M. 102-79 TO B.M. 102-80A
B.M. 102-79			191			79	B.M. 102-79
1	169.316	470.5	147 94	57.520	358.5	35 44	JUNCTION: State 138 & Co. N-2
			290			45	F.B. 2412-83
2	275.271	576.5	260 30	30.872	331.5	15 30	
			282.74			69.74	
3	270.123	571.5	258 24	57.458	358.5	45 24	
			253.98			248.98	
4	233.369	534.5	213 40	226.818	527.6	204 44	T. RODRIGUEZ
			34 138			294 42	
5	22.622	323.5	16 24	294.716	595.5	½ 282 24	
			18 162			299 166	
6	5.912	306.5	½ 5 26	299.562	600.5	288 22	
			62 188			296 188	
7	51.728	352.5	40 22	285.940	586.5	274 22	
			47 210			300 210	
8	36.006	337.5	25 22	290.738	591.5	280 20	
			232			300 230	
9	6.230	307.5	½ 6 24	300.519	601.5	½ 287 26	
			38 256			292 256	
10	25.601	326.5	12 26	296.078	597	½ 284 29	
			217 282			301 280	
11	213.012	514.5	199 28	301.391	602	½ 287 28	B.M. 102-80A
			310	2441.592		308	0.3 mi. N.E.ly along Ridge Rt.
B.M. 102-80A	+1309.190			-1309.190		310	F.B. 3725-185
				1132.402		618	

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 1113 A-B DATE

NOTES CHKD DATE

WEATHER Sunny & Calm TIME 14:00

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Ambiguous DATE 11-14-50

INDEXED GLGALL DATE

JOB NO. 0301.02

F.B. 2479 Pg. 224

T. 68°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-80A TO B.M. 102-79
B.M. 102-80A				298				224	B.M. 102-80A
1	298	928	599 5	½ 285 26	210	532	511 5	196 28	0.3 Mi. N.E. '14 of Ridge Rt. So. Side
				293				35	F.B. 3725-185
2	293	690	594 5	½ 281 24	23	707	324 5	9 26	
				298 50				15 54	
3	298	991	599 5	½ 285 26	4	442	305 5	⅓ 4 22	
				288 76				53 76	
4	279	319	580 5	270 18	43	378	344 5	33 20	
				296 94				18 76	
5	296	661	597 5	½ 284 24	7	952	308 5	½ 7 22	T Rodriguez
				280 118				54 118	
6	270	300	571 5	260 20	44	960	345 5	34 20	
				300 138				18 138	
7	286	332	587 5	272 28	4	668	305 5	½ 4 28	
				278 166				254 166	
8	257	339	558 5	236 42	235	449	536 5	216 38	
				64 208				286 204	
9	51	746	352 5	38 26	273	720	574 5	260 26	
				44 234				302 230	
10	30	152	331 5	16 28	286	408	587 5	270 32	
				92 262				190 262	
11	71	998	372 5	50 42	168	141	469 5	196 94	B.M. 102-79
				304				306 ✓	Junction State 138 & L.A.Co. N2
B.M. 102-79	2435	656 ✓			1303	357 ✓		364 ✓	F.B. 2412-183
	− 1303	357 ✓						610 ✓	
	+ 1132	299 ✓							

76P526 CE # 308 3-65

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 19-Mar-70

WEATHER Clear. Windy

TIME 09:30

INSTR. NO. 75234

ROD NO. 1713 A-B

F.B. 2479 Pg. 225

To 54°

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-80A TO B.M. 102-81
B.M. 102-80A									B.M. 80A
1	4	080	305 5	½) 18 4 28	257	093	558 5	272 242 30	0.3 mi. NW'ly from Ridge Rt.
									F.B. 3725-18S
2	6	552	307 5	½) 18 6 24	218	938	519 5	228 208 20	
				52				50	
3	29	362	330 5	50 8 42	222	229	523 5	243 201 42	
				94				92	
4	107	600	408 5	122 92 30	241	552	542 5	255 227 28	
				124				120	⊼ ANDERSON
5	28	922	329 5	39 17 22	240	129	541 5	253 227 26	
				146				146	
6	74	799	375 5	87 61 26	165	491	466 5	178 152 26	
				172				172	
7	221	511	522 5	247 195 52	14	657	315 5	½) 40 14 52	
				224				224	
8	52	186	353 5	75 29 46	272	082	573 5	295 249 46	
				270				270	
9	58	048	359 5	76 40 36	169	311	470 5	188 150 38	- 2160 828
				306				308	+ 1669 174
10	157	440	458 5	197 117 80	46	010	347 5	84 8 76	- 491 654
				386				384	
11	189	258	490 5	210 168 42	33	948	334 5	54 12 42	
				428				426	
12	249	034	550 5	269 229 40	19	152	320 5	½) 40 19 42	
				468				468	
13	267	965	568 5	280 254 26	33	478	334 5	46 20 26	B.M. 102-81
				494				494	
14	222	417	523 5	204 11 22	226	758	527 5	237 215 22	Calif. Div. Hwys. Mon. (DISTORTED See Note pg. 228)
				516				516	
B.M. 102-81	+1669	174			2160	828		1032 mtrs.	F.B. 2412-85

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.

T.B. 2479 Pg. 226 — JOB NO. 0301.02 — SURVEY OF L.A. Co. Precise Level Net — SURVEY BY Randall — NOTES Rodriguez 5-19-70 — INDEXED C.J. GALLI — DATE — WEATHER Clear & windy — INST. NO. 75234 — ROD NO. 1213 A-B — TIME 10:50 — NOTES CHKD [illegible] — DATE — T=48°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.		STADIA	FORESIGHT RIGHT	MIC.	LEFT.		STADIA	DESCRIPTION AND REMARKS
											FROM BM 102-81 TO BM 102-80A
BM 102-81											BM 102-81
1	225	827	526	5	236 214 22	186	640	487	5	198 174 29	Calif. Div. Hwys. Mon.
											Disturbed: See note Pg. 228
2	3	304	304	5	½) 22 3 38	283	692	594	5	½) 293 274 38	T.B. 2412-85
					60					62	
3	45	151	346	5	60 30 30	219	960	520	5	234 204 30	
					90					92	
4	8	122	309	5	½) 35 8 54	207	269	508	5	234 180 54	
					144					146	
5	48	992	349	5	80 16 64	132	738	433	5	165 99 66	
					208					212	
6	143	222	444	5	168 118 50	13	148	314	5	½) 37 13 48	
					258					260	
7	226	202	527	5	242 210 32	55	654	356	5	71 39 32	T Anderson
					290					292	
8	3 2 5	633	333	5	½) 65 32 66	215	548	516	5	248 182 66	
					356	15	627	316		358	
9	194	552	495	5	210 178 32	~~15~~	~~670~~	~~346~~	5	½) 30 15 30	+ 200 909 ✓
					388					388	- 1519 450 ✓
10	251	667	552	5	263 239 24	42	538	343	5	54 30 24	+ 491 459 ✓
					412					412	
11	175	118	476	5	192 158 34	64	813	365	5	81 47 34	
					446					446	
12	233	221	534	5	251 215 36	47	770	348	5	65 29 36	
					482					482	
13	258	070	559	5	269 247 22	14	760	315	5	26 2 24	B.M. 102-80A
14	164	778	465	5	172 156 16	9	293	310	5	15 3 506 12	0.3 mi. N.W'ly from Ridge Rt.
					504					518 ✓	T.B. 3725-185
B.M. 102-80A	+2010	909 ✓			520	1519	450 ✓			520 ✓	
										1038 Arcs	

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-81 TO B.M. 102-81A
B.M. 102-81				279	106			118	B.M. 102-81 (See Note Pg.
1.	266	382	567 5	253 26	~~107~~	922	407 5	94 24	Calif. Div. Hwy. Mon.
				264				78	F.B. 2412-85
2	258	052	559 5	252 12	71	662	372 5	66 12	⊼ ANDERSON - RODRIGUEZ
	+524	434		38	178	584		36	
	178	584						38	B.M. 102-81A
B.M. 102-81A	345	850						74	KINSEY RANCH LAWN
									F.B. 3725-187

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

SURVEY BY Johnson DATE 17 Mar 1970 WEATHER OVER CAST INST. NO. 762.34

NOTES BY C.L. GALLI DATE 17 Mar 1970 TIME 11:45 ROD NO. 1713 A-B

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

F.B. 2479 Pg. 227

t = 60°

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 ~~102~~ B.M. 102-81A TO B.M. 102-81
B.M. 102-81-A					82						269		B.M. 102-81A
1	76	098	377	5	70	12	262	522	563	5	255	14	KINSEY RANCH LAWN
					119						278		F.B. 3725-187
2	106	230	407	5	93	26	265	660	566	5	252	26	⊼ RODRIGUEZ-ANDERSON
+	182	328				38	528	182	✓			46	✓
B.M. 102-81							+ 182	328	✓			38	✓ B.M. 102-81
							- 345	854	✓			78	CALIF. DIV. HWY. MON.
													F.B. 2412-85
													NOTE: MON. DISTURBED. THE CONC. HAS BEEN BROKEN OFF. THE BRASS CAP & PIPE APPEAR INTACT.

F.B. 2479 PG. 228

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES JOHNSON DATE 17-Mar-70

INDEXED C.T. GALLI DATE

WEATHER OVERCAST INST. NO. 75234

TIME ~~13:16~~ 12:45 ROD NO. 1713 A.B

NOTES CHKD [signature] DATE

T-60

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-81A TO B.M. 102-82
B.M. 102-81A									B.M. 102-81A
1	5	342	306 5	18 5 ½ 26	224	850	525 5	237 211 26	KINSEY RANCH LAWN
									F.B. 3725-187
2	29	820	330 5	42 16 26	253	878	554 5	266 240 26	
				56 52				52	
3	39	012	340 5	22 34	281	168	582 5	298 264 34	
				26 86				289 86	
4	8	430	309 5	8 ½ 36	270	332	571 5	251 38	T RODRIGUEZ
				157 122				187 124	
5	125	740	426 5	93 64	157	471	458 5	127 60	
				256 186				151 184	
6	226	068	527 5	196 60	120	408	421 5	89 62	
				30 246	~~135~~			161 246	
7	6	603	307 5	6 ½ 48	~~136~~ 136	028	437 5	111 50	
				280 294				44 296	
8	256	502	557 5	232 48	19	748	320 5	19 ½ 50	
				272 342				76 346	
9	261	750	562 5	250 22	67	158	368 5	58 18	
	240			246 364				87 364	
10	~~241~~	338	541 5	234 12	80	862	381 5	73 14	
B.M. 102-82	+1199	605		376	-1611	903		378	B.M. 102-82 (U.S.C. & G.S. Y-53)
					+1199	605		376	Culvert Head wall, Hwy. Sta 209+00
					-412	298		754	M. F.B. 2412-86
									See NOTE Pg. 231

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

SURVEY BY Randall

NOTES BY Anderson DATE 18 Mar '70 TIME 13:20 WEATHER Clear & Windy INST. NO. 75234

INDEXED C.J. GALLI DATE [illegible] NOTES CHKD [illegible] DATE ROD NO. 1713A.B

T = 60°

F.B. 2479 Pg. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-82 TO B.M. 102-81A
B.M. 102-82									B.M. 102-82 (U.S.C. & G.S. Y-53)
1	67	772	368 5	74 / 60 / 14	235	935	536 5	242 / 228 / 14	Culvert Headwall, Hwy. Sta. K 209+00
									F.B. 2412-86
2	64	594	365 5	73 / 55 / 18 / 32	229	558	530 5	238 / 220 / 18 / 32	See NOTE Pg. 231
3	21	563	322 5	45 / ½) 21 / 48 / 80	267	184	568 5	294 / 240 / 54 / 86	
4	106	070	407 5	134 / 78 / 56 / 136	6	331	307 5	29 / ½) 6 / 46 / 132	
5	120	270	421 5	150 / 90 / 60 / 196	239	213	540 5	272 / 206 / 66 / 198	⊼ ANDERSON
6	167	214	468 5	193 / 141 / 52 / 248	132	664	433 5	158 / 106 / 52 / 250	
7	241	742	542 5	261 / 221 / 40 / 288	7	498	308 5	26 / ½) 7 / 38 / 288	
8	244	110	545 5	254 / 234 / 20 / 308	8	657	309 5	18 / ½) 8 / 20 / 308	
9	242	777	543 5	251 / 233 / 18 / 326	53	642	354 5	62 / 44 / 18 / 326	
10	261	022	562 5	280 / 242 / 38 / 364	23	480	324 5	41 / 5 / 36 / 362	
11	174	445	475 5	179 / 169 / 10	95	183	396 5	100 / 90 / 10	B.M. 102-81A
B.M. 102-81A	+1711	579		374	-1299	345		372	KINSEY Ranch Lawn
	-1299	345						374	F.B. 3725-187
	+412	234						746	

T = 56°

WEATHER Clear-Wind INST. NO. 75234

TIME 11:00 ROD NO. 1713 A.B.

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall DATE: 20-Mar-70

INDEXED [signature] GALLI DATE

F.B. 2479 Pg. 230

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Randall WEATHER Clear & windy INST. NO 7824
NOTES BY Anderson DATE 19 MAR. '70 TIME 14:15 ROD NO. 1713 A.P.
INSPECTED BY R.L. Dall DATE Mar 71 NOTES CHKD. [illegible] DATE [illegible]
T. 56° F.B. 2479 Pg. 29

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-82 TO B.M. 102-82A
B.M. 102-82				220				106	B.M. 102-82 (U.S.C&G.S. Y-53)
1	19	146	492 5	162 58	76	020	377 5	46 60	Hwy. Sta. K 209+00
				274				179	F.B. 2412-86
2	274	350	575 5	238 72	143	472	444 5	107 72	NOTE: MON. SUBJECT TO REMOVAL
				145 130				164 132	DUE TO CONSTRUCTION OF NEW
3	125	898	426 5	105 40	145	658	446 5	126 38	ALIGNMENT OF STATE RT. 138
				200 170				92 170	
4	193	478	494 5	182 14	85	503	386 5	78 14	
	+784	871 ✓		184	-450	653 ✓		184 ✓	
5	-450	653 ✓						184 ✓	T. RODRIGUEZ
	=334	218 ✓						368 ✓	
B.M. 102-82A									B.M. 102-82A (U.S.C&G.S. QUAIL F)
									1.5 mi. West'ly of old Ridge Route
									F.B. 3725-191

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-82A TO B.M. 102-82
B.M. 102-82A													B.M. 102-82A
1	76	339	377	5	83 / 69	14	180	370	481	5	186 / 174	12	1.6 mi. West'ly of Ridge Rt.
													TRIANGULATION STA. QUAIL F
2	139	692	440	5	160 / 118	42	125	372	426	5	147 / 103	44	F.B. 3725-191
						56						56	
3	164	008	465	5	198 / 130	68	279	827	580	5	279 / (½) 245	68	
						124						124	
4	50	162	351	5	81 / 19	62	178	812	479	5	208 / 148	60	
	+ 430	201				186	764	381				184	⊼ ANDERSON
5							~~334~~	~~180~~				186	
B.M. 102-82							~~30~~	~~201~~				370	B.M. 102-82 (USC.&G.S. Y-53)
							764	381					Culvert Headwall, Hwy. Sta. K209+00
							+ 430	201					F.B. 2412-86
							334	180					See Note Pg. 231

F.B. 2479 Pg. 232

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall 20 Mar. 70

INDEXED [illegible] DATE

WEATHER Clear-Wind INST. NO. 75234

TIME 10:45 ROD NO. [illegible]

NOTES CHKD [illegible] DATE

T: 60°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-82A TO B.M. 102-82B
B.M. 102-82A	~~96~~	~~3~~							B.M. 102-82 A U.S.C.&G.S. QUAIL F F.B. 3725-191
1	96	318	397 5	99 93 6	136	831	437 5	146 132 8	
								6	
B.M. 102-82B								14	B.M. 102-82 B (U.S.C.&G.S. QUAIL F R.M. No 1 F.B. 3725-191
					-136	831			
					+96	318			
					-40	513			⊼ RODRIGUEZ

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

SURVEY BY Randall

NOTES BY ANDERSON DATE 19-Mar-70 WEATHER CLEAR & WINDY INST. NO. 76-34

TIME 14:50 ROD NO. 1713 A-B

+T=56°

F.B. 2479 PG. 233

NOTES CHKD. [illegible] DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-82 B TO B.M. 102-82A
B.M. 102-82B									B.M. 102-82 B U.S.C. & G.S. QUAIL F R.M. 1 F.B. 3725-191
				146				106	
1	143	601	444 5	140 6	103	099	404 5	100 6	
								6	
								12	
B.M. 102-82A									B.M. 102-82 A (U.S.C. & G.S. QUAIL F.)
	+ 143	601							
	- 103	099							
	+ 40	502							
									↑ RODRIGUEZ

T = 56°

WEATHER CLEAR & WINDY INST. NO. 75234

TIME 14:50 "4:33 ROD NO. 1713 A.B

NOTES CHKD [illegible] DATE [illegible]

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES ANDERSON 19-Mar-70

INDEXED [illegible] DATE

F.B. 2479 PG. 234

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-82B TO B.M. 102-82C
B.M. 102-82B									B.M. 102-82B (U.S.C.&G.S. QUAIL F R.M. No 1) F.B. 3725-191
1	154	490	455 5	161 147 14	80	778	381 5	87 73 14	
								14	
								28	
B.M. 102-82C									B.M. 102-82C U.S.C.&G.S. QUAIL F R.M. No 2 F.B. 3725-191
	+ 154	490							
	− 80	778							
	+ ~~74~~	~~712~~							
	73	712							

⊼ ANDERSON

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

SURVEY BY Randall WEATHER Clear-Lt. Wind INST. NO. 75234

NOTES BY Randall DATE 20-Mar-70 TIME 10:30 ROD NO. 1713 A.B.

MARKED [illegible] DATE [illegible] NOTES CHKD [illegible] DATE [illegible]

T: 60°

F.B. 2479 PG. 235

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 102-82C TO B.M. 102-82B
B.M. 102-82C									B.M. 102-82C U.S.C.&G.S. QUAIL F R.M. No 2 F.B. 3725-191
1	65	564	366 5	72 58 14	139	290	440 5	146 132 14	
								14	
								28	
B.M. 102-82B					139	290			
					+ 65	564			B.M. 102-82B U.S.C.&G.S. QUAIL F R.M. No 1 F.B. 3725-191 ⊼ ANDERSON
					73	726			

F.B. 2479 PG. 236 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall 20-Mar-70

INDEXED D.L. GALLI DATE

WEATHER Clear - Lt. Wind INST. NO. 75234

TIME 10:35 ROD NO. 1713 A.B

NOTES CHKD. [signature] DATE

T= 60°

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.		STADIA		RIGHT	MIC.	LEFT.		STADIA		FROM B.M. 102-82C TO B.M. 102-82D
B.M. 102-82C													B.M. 102-82C
1	122	054	423	5	153 / 91	62 / 42	255	857	556	5	288 / 222	66	(U.S.C.&G.S. QUAIL F R.M. 2)
													F.B. 3725-191
2	133	438	434	5	170 / 96	74	184	880	485	5	221 / 147	74	
						136						140	
3	195	053	496	5	219 / 171	48	36	973	337	5	58 / 14	44	
						184						184	⊼ ANDERSON
4	158	858	459	5	182 / 134	48	116	388	417	5	143 / 89	54	
B.M. 102-82D	+609	403	✓			232	-594	098	✓			238	B.M. 102-82D
	-594	098	✓									232	U.S.C.&G.S. QUAIL B
	+ 15	305	✓									470	F.B. 3725-193

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

SURVEY BY RANDALL WEATHER Clear-Wind INST. NO. 75234

NOTES BY RANDALL DATE 20-Mar-70 TIME 09:15 ROD NO. 1713 A.B

INSPECTED C.L. DAILY DATE [illegible] NOTES CHKD. [illegible] DATE [illegible]

T: 52°

F.B. 2479 Pg. 257

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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. 102-82D TO B.M. 102-82C
B.M. 102-82D									B.M. 102-82D
1	127	777	428 5	153 101 52	170	275	471 5	196 144 52	U.S.C.&G.S. QUAIL B
									F.B. 3725-193
2	35	449	336 5	57 13 44	185	740	486 5	207 163 44	
				96				96	
3	159	340	460 5	191 127 64	126	494	427 5	159 93 66	$\overline{\wedge}$ ANDERSON
				160				162	
4	242	711	543 5	277 207 70	98	253	399 5	137 59 78	
B.M. 102-82C	+565	277		230	-580	762		240	B.M. 102-82C
					+565	277		230	U.S.C.&G.S. QUAIL F R.M. 2
					-15	485		470	F.B. 3725-191

T=520

WEATHER Clear-Wind INST. NO. 75234

TIME 09:50 ROD NO. 1713 A.B

NOTES CHKD [signature] DATE

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Randall NOTES Randall

INDEXED [signature] DATE

F.B. 2479 PG. 238

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-82C TO B.M. 102-82D
B.M. 102-82C									B.M. 102-82C
1	143	423	444 5	160 / 126 / 34	163	052	464 5	178 / 148 / 30	(U.S.C. & G.S. QUAIL F R.M. No 2)
									F.B. 3725-191
2	90	284	391 5	114 / 66 / 48	186	103	487 5	207 / 165 / 42	
				82				72	
3	114	451	415 5	138 / 90 / 48	173	562	474 5	200 / 146 / 54	⊼ ANDERSON
				130				126	
4	137	452	438 5	160 / 114 / 46	48	050	349 5	74 / 22 / 52	
				176				178	
5	194	842	495 5	213 / 175 / 38	73	958	374 5	92 / 54 / 38	
				214				216	
6	117	910	418 5	128 / 106 / 22	138	380	439 5	148 / 128 / 20	B.M. 102-82D
B.M. 102-82D	+798	362 ✓		236	-783	105 ✓		236	U.S.C. & G.S. QUAIL B
	-783	105 ✓						236	F.B. 3725-193
	+15	257 ✓						472	

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

SURVEY BY Randall

NOTES BY C. L. GALLI

DATE 20-Mar-70

DATE [illegible]

WEATHER Clear-Lt. Wind

TIME 13:30

NOTES CHKD. [illegible]

INST. NO. 75234

ROD NO. 1713 A-B

DATE [illegible]

T: 66°

F.B. 2479 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.

WEATHER Clear - Lt. Wind INST. NO. 75234
TIME 13:55 ROD NO. 17134-B
NOTES CHKD DATE
T = 66°

F.B. 2479 Pg 240
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Randall NOTES Randall 20 Mar 70
INDEXED DATE
JOB NO 0301.02

STATION	BACKSIGHT				STADIA	FORESIGHT				STADIA	DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.			RIGHT	MIC.	LEFT.			FROM B.M. 102-82D TO B.M. 102-82C
B.M. 102-82D					143					124	B.M. 102-82 D
1	133	981	434	S	123 20	113	520	414	S	102 22	U.S.C. & G.S. QUAIL B
					98					256	F.B. 3725-193
2	75	769	376	S	52 46	233	992	534	S	210 46	
					135 66					172 68	T ANDERSON
3	112	016	413	S	89 46	149	118	450	S	126 46	
					183 112					138 114	
4	160	798	461	S	137 46	116	757	417	S	94 44	
					204 158					110 158	
5	201	100	502	S	178 46	87	857	388	S	64 46	
					172 204					170 204	
6	157	478	458	S	142 30	155	226	456	S	140 30	B.M. 102-82C
B.M. 102-82C	+841	142	✓		234	856	470	✓		234	U.S.C. & G.S. QUAIL F R.M. 2
						+841	142	✓		234	F.B. 3725-191
						= 15328	✓			468	

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 Randall

NOTES BY RODRIGUEZ DATE 3-MAR 70

INDEXED C.L. GALLI DATE AR 7 70

WEATHER Calm

TIME 09:20

NOTES CHKD [illegible] DATE

INST. NO 75234

ROD NO 1713-A-B

T=60°

F.B. 2479 Pg. 241

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	143	943	444 5	145 141 04	46	241	347 5	73 189 54	54 M- 4 M= 50 M=0.20 mm
2	162 ~~260~~	688 ~~287~~	463 ~~561~~ 5	164 160 ~~287~~ ~~233~~ 04	260	287	561 5	287 233 54	54 M- 4 M= 50 M=0.20 mm
	306	631		08	306	528		108	
	306	488				040		-08	
	+	01.43			-0 ~~400~~ mm			100	Curvature Corr.=0.40 mm
					306	488			
					-				

.0143
~~0.0014~~ mm= "C"

100 / 01.43
100
43

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	149	836	4 ~~5~~50 5	151 147 04	126	039	427.5	153 99 54	54 M- 4 M= 50 M=0.20 mm
2	160	774	461 5	162 158 04	184	711	485 5	2121 1547 54	54 M- 4 M= 50 M=0.20 mm
	310	610		08	310	750		108	
					-	00.40 mm		08	
	+				~~-0.~~	~~mm~~		100	Curvature Corr.=0.40 mm
					310	710			
					310	610			
					-	1.00			
									A JOHNSON
	~~0.001~~ mm= "C"								
	~~100~~ / 1.00								
					-	0.01 mm= "C"			
					100 / 1.00				

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

SURVEY BY Randall

NOTES BY RODRIGUEZ DATE 9-March-70 TIME 09:40 WEATHER Windy-Cloudy INST. NO. 75234

INDEXED C. J. GALLI DATE APR 7 '70 NOTES CHKD [illegible] DATE

ROD NO. 1713A.B

T: 50°

F.B. 2479 PG. 243

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 J. G. RANDALL
NOTES BY Randall DATE 20-Mar-70 WEATHER Windy - Cloudy INST. NO. 75234
INDEXED C. I. CALLS DATE 10 APR 70 TIME 09:20 ROD NO. 1713 AB
NOTES CHKD DATE
T: 48°42' F.B. 2479 Pg. 245

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM _____ TO _____
				DETERMINATION OF "C"			
				NEAR ROD		FAR ROD	
1	151 010	452 5	153 149 4	127 309	428 5	154 100 54	54 M- 4 M= 50 M=0.20 mm
2	162 019	463 5	164 160 4	185 810	486 5	212 158 54	54 M- 4 M= 50 M=0.20 mm
			8	313 119		108	
	+313 029			- 00.40 mm			
	+			-0. mm		- 8	Curvature Corr.=0.40 mm
				313 079		100	
				313 029			
				- 050			
			mm= "C"				
	1						
				- .005 mm = "C"			
				100 / 0.500			

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 J. G. RANDALL

NOTES BY Anderson DATE 16 Mar. '70 WEATHER Wind-Clear INST. NO. 75234

INDEXED G. J. GALLI DATE AR 7 '70 TIME 10:15 ROD NO. 1713 A-B

NOTES CHKD [illegible] DATE

T= 46°

F.B. 2479 PG. 2[illegible]

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	162	688	463 5	164 160 4	156	158	457 5	183 129 54	54 M- 4 M= 50 M=0.20 mm
2	164	658	465 5	166 162 4	171	202	472 5	198 144 54	54 M- 4 M= 50 M=0.20 mm
	327	346		8	327	360		108	
	327	320			− 00.40 mm			8	
	+ 0.026				~~−0. mm~~			100	Curvature Corr.=0.40 mm
					327	320			
					−				

Rodriguez

+ 0.0026 mm= "C"

100 / 0.260

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	143	541	444 5	145 141 4	115	730	416 5	142 88 54	54 M- 4 M= 50 M=0.20 mm
2	148	390	449 5	150 146 4	176	212	477 5	203 149 54	54 M- 4 M= 50 M=0.20 mm
	291	931		8	291	942		108	
	291	902			-0.040 mm			8	
	+	029			~~-0. mm~~				Curvature Corr.=0.40 mm
					291	902		100	
					-291.902				

T Anderson

+ 0.003 mm= "C"

100/ 0.290

mm= "C"

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

SURVEY BY Randall

NOTES BY Johnson DATE 3/12/70

INDEXED C.J. GARG DATE AR 7 70

WEATHER Clear

TIME 0915

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 1713 B-B

T= 54

F.B. 2479 Pg. 249

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 Randall

NOTES BY Ramdell Rodriguez DATE 13-Mar-70

INDEXED G.J. GALLI DATE [illegible]

WEATHER Clear-Calm INST. NO. 75234

TIME 14:00 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE

T=76°

F.B. 2479 PG. 251

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	152 ~~145~~	429	453 5	154 150 04	145	256	446 5	171 117 54	54 M- 4 M= 50 M=0.20 mm
2	156	788	457 5	158 154 04	163	902	464 5	189 135 54	54 M- 4 M= 50 M=0.20 mm
	309	217		08	309	158		108	
	309	118			-00.40 mm				
	+	099			~~-0. mm~~			8	Curvature Corr.=0.40 mm
					309	118		100	
					-				
									Johnson

+ 0.0099 mm= "C"

100 / 0.990

900

90

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	167	712	468 5	168 / 164 4	164	852	465 5	192 / 138 54	54 M- 4 M= 50 M=0.20 mm
2	162	731	463 5	164 / 160 4	165	568	466 5	192 4 / 138 53	54 M- 4 M= 50 M=0.20 mm
	330	443		8	330	420		108	
	330	380			- 00.40 mm			8	
	+	063			~~-0. mm~~				Curvature Corr.=0.40 mm
					330	380		100 M	
					-				

T ANDERSON

+0.006 mm= "C"

100 / 0.630

mm= "C"

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

SURVEY BY J. G. RANDALL

NOTES BY Johnson DATE 16-Mar-70

INDEXED [illegible] DATE [illegible]

WEATHER Windy + Clear INST. NO. 75234

TIME 0930 ROD NO. 1713 A-B

NOTES CHKD [illegible] DATE [illegible]

T=60

F.B. 2479 PG. 253

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	155	578	456 5	157 153 04	172	279	473 5	199 145 54	54 M- 04 M= 50 M=0.20 mm
2	142	682	443 5	144 140 04	125	930	426 5	152 98 54	54 M- 04 M= 50 M=0.20 mm
	298	260		08	298	209		108	
	298	1.69						-08	
	+	~~0.81~~			-0.40mm				Curvature Corr.=0.40 mm
		0.91			298	1.69		100	MTRS
					-				
									T Anderson
	+	0.009		mm= "C"					
	100	0.910							
		900							
								mm= "C"	

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

SURVEY BY Randall

NOTES BY Rodriguez DATE 3-17-70

INDEXED C.L. GALLI DATE [illegible]

WEATHER Overcast INST. NO. 75234

TIME 9:00 ROD NO. 173-148

NOTES CHKD [illegible] DATE [illegible]

T252°

F.B. 2479 PG. 255

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 Randall

NOTES BY Anderson DATE 19-Mar-70 WEATHER Clear-Windy INST. NO 75234

INDEXED C.L. GALLI DATE [illegible] TIME 15:00 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE

F.B. 2479 PG. 257

T = 56°

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM ____ TO ____
	DETERMINATION OF "C"								
	NEAR ROD				FAR ROD				
1	152	530	453 5	154 150 4	187	171	488 5	214 160 54	54 M- 4 M= 50 M=0.20 mm
2	154	673	455 5	156 152 4	120	038	421 5	147 93 54	54 M- 4 M= 50 M=0.20 mm
	307	203		8	307	209		108	
	307	169			-00.40 mm			-8	
	+ 0034				~~-0. mm~~			100	Curvature Corr.=0.40 mm
					307	169			
					-				

T RODRIGUEZ

+ 0.003 mm= "C"

100 / 0.340

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.

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

SURVEY BY Randall DATE 20-Mar-70 WEATHER Clear. Wind INST. NO. 75234

NOTES BY " TIME 09:00 ROD NO. 1718A-B

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

T= 652°

F.B. 2479 PG. 259

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	129	428	430 5	131 127 4	61	168	362 5	88 34 54	54 M- 4 M= 50 M=0.20 mm
2	135	722	436 5	137 133 4	203	955	504 5	230 176 54	54 M- 4 M= 50 M=0.20 mm
				8	265	123		108	
	265	150			-00.40 mm				
	+				0. mm			8	Curvature Corr.=0.40 mm
					265	083		100	
	+ 265	150			-				
	- 265	083							
	+	067							
	+ 0	0067	mm= "C"						
	100 / 0	670							
							mm= "C"		

76P526 CE # 308 3-65

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

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

Do not extend notes this side of this line.

JOB NO. 0301.92 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY J. G. RANDALL
NOTES BY Randall DATE 10-Mar-'70 TIME 11:20 WEATHER Cloudy - Warm INST. NO. 2294
ROD NO. 1713 A B

STATION	BACKSIGHT				STADIA		FORESIGHT				STADIA		DESCRIPTION AND REMARKS
	RIGHT		MIC.	LEFT.			RIGHT		MIC.	LEFT.			FROM B.M. 102-79 TO T.B.M. (Guy Pole)
					11-MAR. '70								FROM: B.M. 102-79
													Culvert Head wall
													F.B. 2412-83
B.M. 102-79					224						102		TO: T.B.M. IN Guy Pole N 1061955E
1	217	254	S18	S	210	14	94	378	395	S	86	16	A BOAT SPIKE, Sc AND Tag
T.B.M. (Guy Pole)						14							102' East'ly of B.M.
	+ 217	254	✓			14							
	- 94	378	✓			16							
	+ 122	876	✓			30							
					16-MAR.-'70								TBM established as
					246						122		check on possible
1	237	312	538	S	229	16	114	420	415	S	106	16	or disturbance
	~~114~~	~~420~~											movement of BM 102-79
													between 11 Mar. & 16 Mar 1970
+	237	312	✓			16							
-	114	420	✓			16							
+	122	892	✓			32							

T. 42°

F.B. 2479 Pg.

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 T.B.M. (Guy Pole) TO B.M. 102-79
													FROM: T.B.M. in Guy Pole No.
													See over for description
T.B.M.					11- MAR. '70								TO: B.M. 102-79
Guy Pole					98						220		Culvert Headwall
1	90	300	391	5	82	16	213	186	514	5	206	14	F.B. 2412-83
B.M. 102-79													
							-213	186	✓			14	
							+ 90	300	✓			16	
							-122	886	✓			30	Mn (F&B) = 1:22881
					16- MAR- '70								
					120						242		
1	112	030	413	5	104	16	234	892	535	5	226	16	
							- 234	892	✓			16	
							+ 112	030	✓			16	
							- 122	862	✓			32	Mn (F&B) = 1:22877

T = 42°

WEATHER Cloudy. Wind INST. NO. 75234

TIME 11:30 ROD NO. 1713 A.B

NOTES CHKD [signature] DATE

JOB NO. D301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY RANDALL NOTES Randall 10-March-70

INDEXED D. L. GALLI DATE

F.B. 2479 Pg. 262

76P526 CE # 308 3-65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM B.M. 102-79 TO T.B.M. (Guy Pole)
									FROM: B.M. 102-79
					11-MAR. - '70				Culvert Headwall
B.M. 102-79									F.B. 2412-83
1	151	532	452 5	163 140 22	73	761	374 5	85 61 24	TO: T.B.M. IN Guy Pole Nº 1061952E
T.B.M. Guy Pole									A BOAT SPIKE NO. SIDE, 145"
Nº 1061952E									West'ly of B.M.
	+ 151	532 ✓		22					
	- 73	761 ✓		24					
	+ 77	771 ✓		46					
									TBM established as
					16-MAR.- '70				
									check on possible movement
1	167	710	468 5	176 158 18	89	968	390 5	102 76 26	
									or disturbance of BM 102-79
+	167	710 ✓		18					between 11 Mar. & 16 Mar. 1970
-	89	968 ✓		26					
+	77	742 ✓		44					

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

SURVEY BY J. G. RANDALL

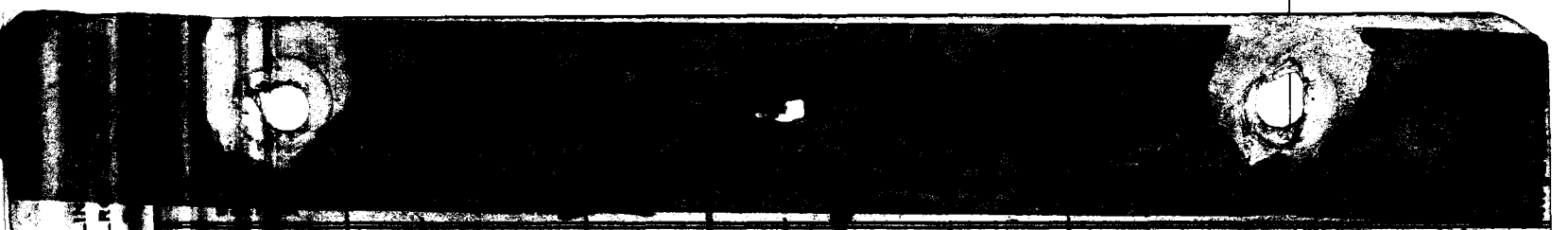
NOTES BY Randall DATE 10-Mar-70 WEATHER Wind-Cloudy INST. NO. 75234

INDEXED [illegible] DATE [illegible] TIME 11:00 ROD NO. 1713A-B

NOTES CHKD [illegible] DATE [illegible]

T=42°

2479 PG. 263



	Right	Mic.	Left.		Stadia		Right	Mic.	Left.		Stadia		From T.B.M. (Guy Pole) to B.M. 102-79
													From: T.B.M. in Guy Pole No.
					11 - Mar 70								See over for Description
T.B.M. (Guy Pole)													
No					93						169		To: B.M. 102-79
1	81	080	382	5	69	24	158	788	459	5	147	22	Culvert Head wall
B.M. 102-79													F.B. 2412-83
							- 158	788 ✓				22	
							+ 81	080 ✓				24	
							- 77	708 ✓				46	Mn (F&B) = 0.77740
					16 - Mar - '70								
					103		Note -				182		
1	92	416	393	5	81	22	170	170	471	5	158	24	
						-	170	170 ✓					
						+	92	416 ✓					
							- 77	754 ✓					Mn (F&B) = 0.77748

2479

T = 42°

WEATHER Cloudy - Wind

TIME 11:05

JOB NO. 0301.02

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY G. RANDALL

NOTES Randall Date: 10-Mar-70