Survey of L.A. Co. Precise Level Net
JN 0301.02 Page ____ Std ____ °F
Surveyed by E. E. Brooks
Notes E. E. Brooks Date Nov.
Indexed C. J. GALLI

F. B. 3949 Pg. 5

J. N. 0301.02

A PRECISE LEVEL NET.

LINE No. 27

RERUN.

- MANHATTAN BEACH

- EL SEGUNDO - CULVER CITY - LOS ANGELES and INGLEWOOD

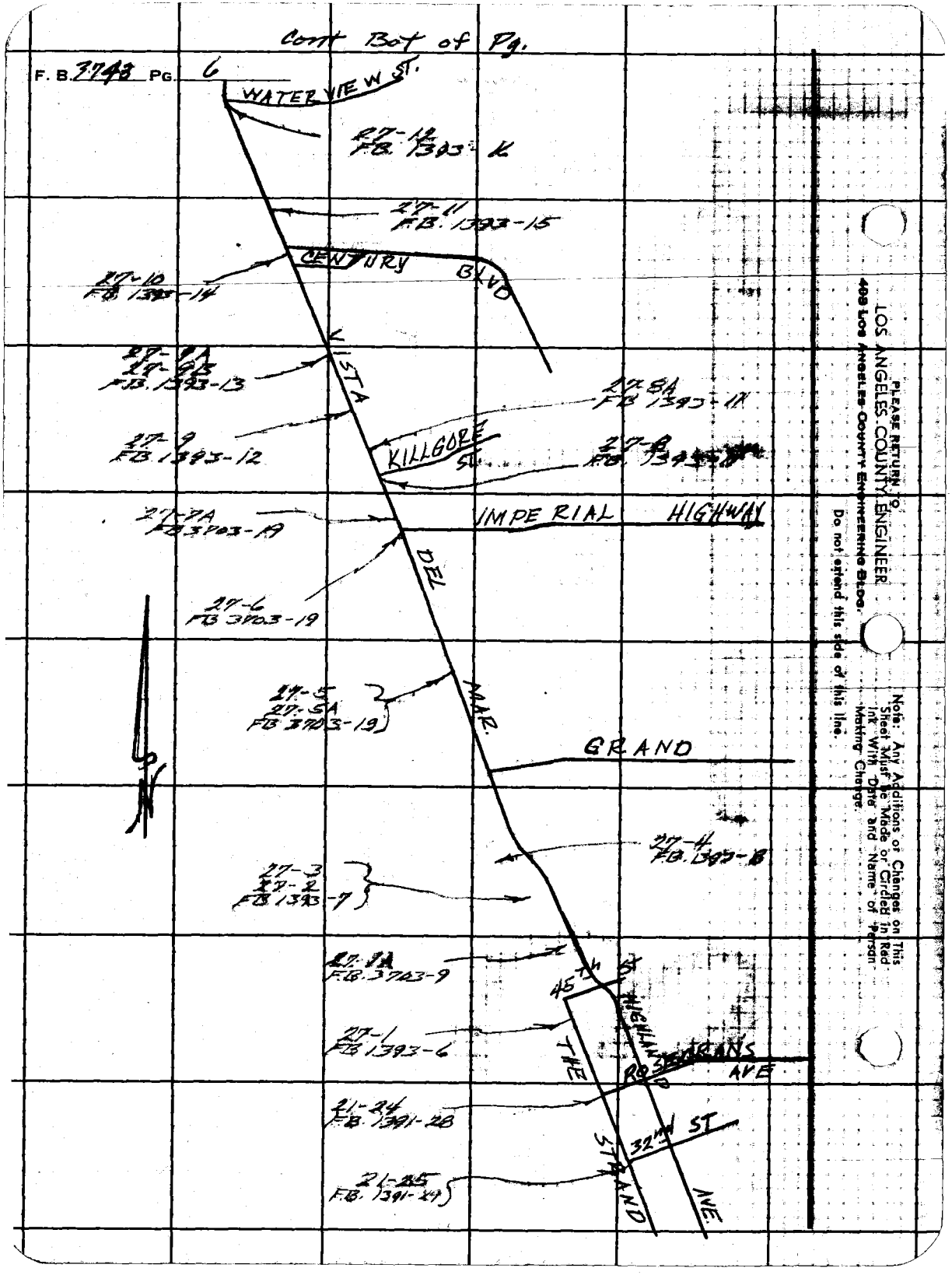
- The Strand - Vista Del Mar - Ballona Creek - Overland Ave - Jefferson Blvd - Rodeo Rd. - Santa Barbara Ave - and Crenshaw Blvd.

F.E. Brooks
K.M. Kapp
J.M. Maldonado
M.L. Bustrum
R.M. Mather
J.W.S. Moore
V.F. Lieber

Not microfilmed

Cont Bot of Pg.

F. B. 3743 PG. 6



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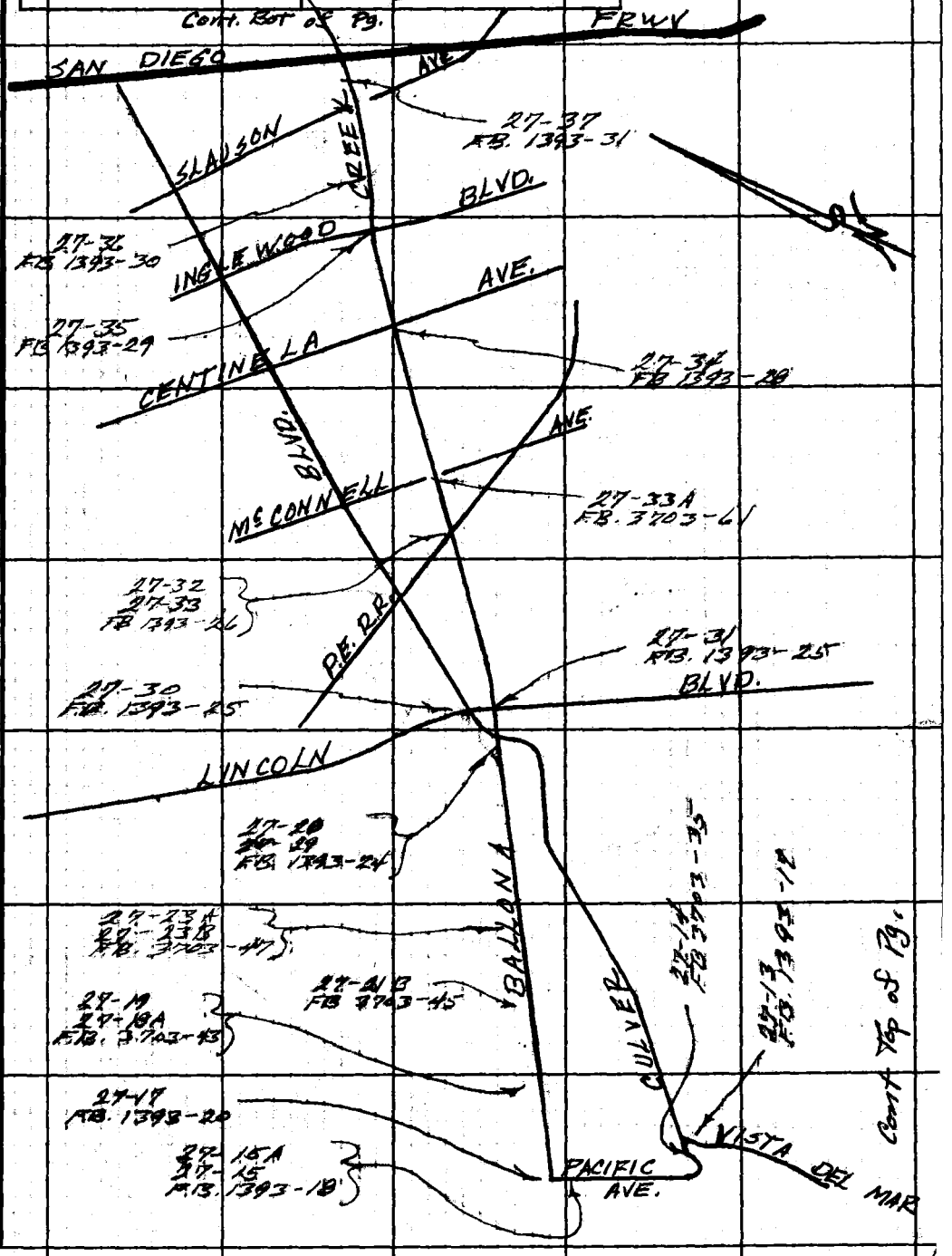
Note: Any Additions or Changes on This Sheet Must Be Made or Circled in Red Ink With Date and Name of Person Making Change.

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 031-72 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date 1964
Date	Indexed C. J. GALLI

F. B. 3743 Pg. 7



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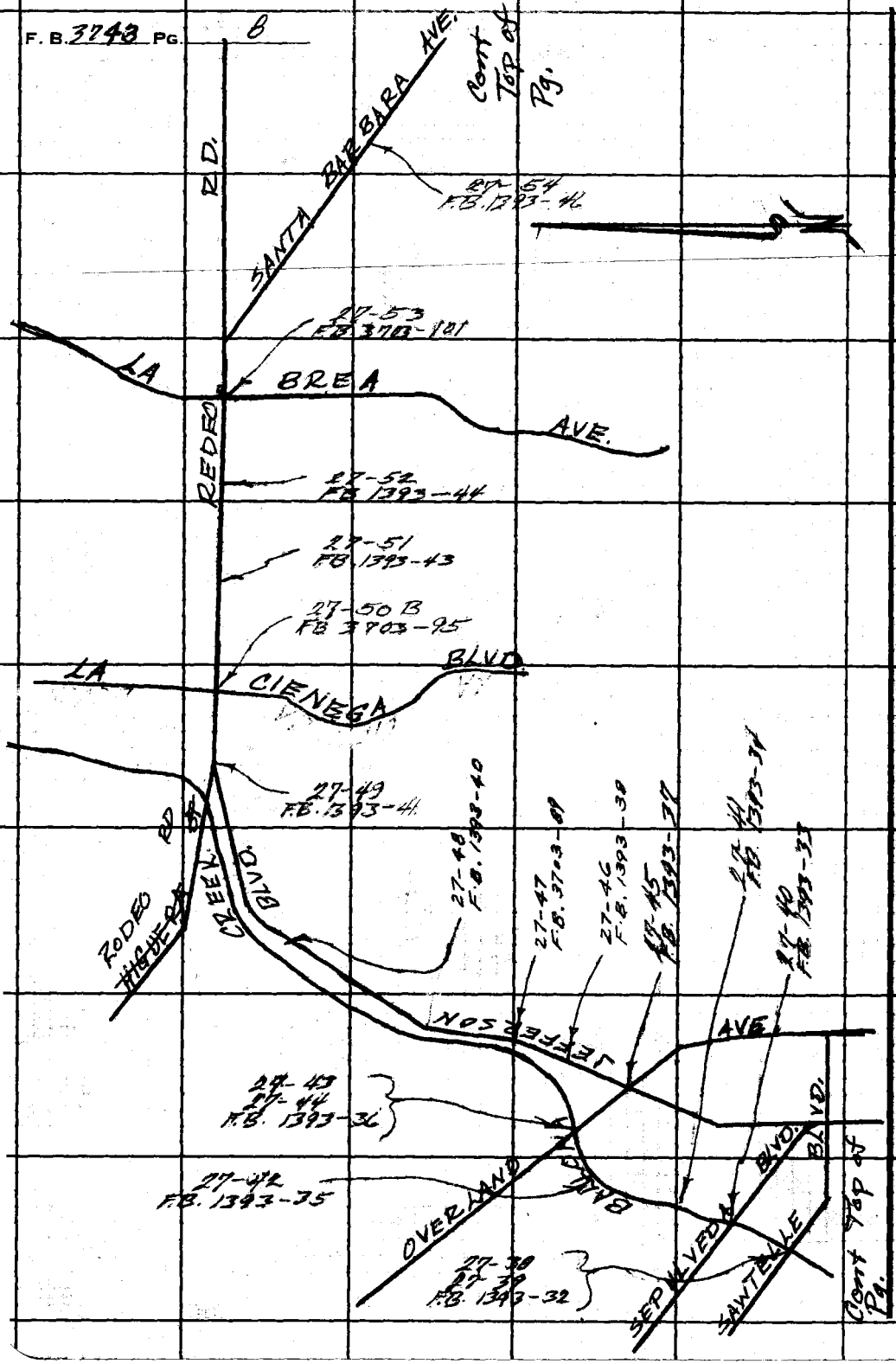
78F308S C.E. #310 8-62

F. B. 3743 PG. 8



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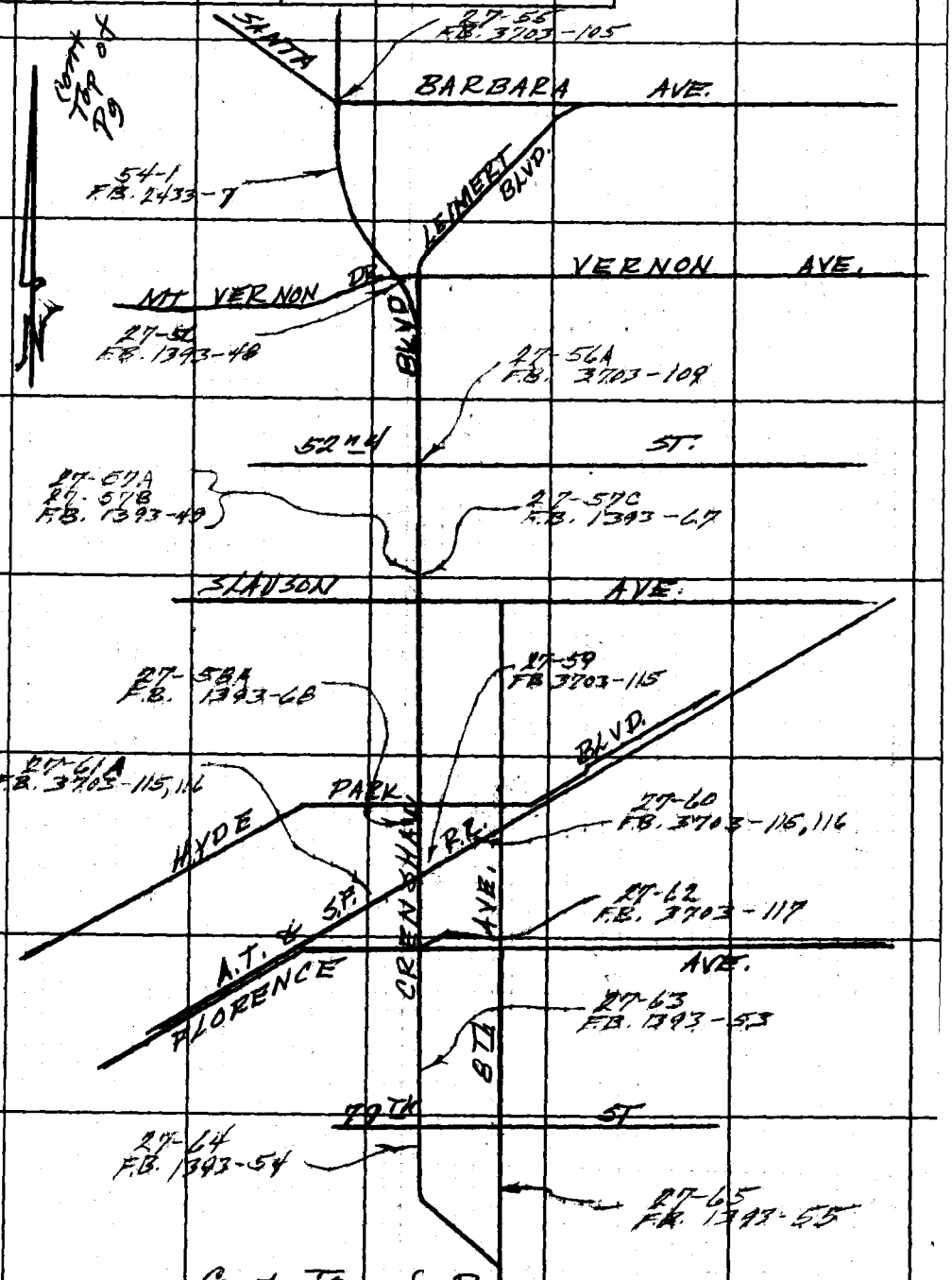
Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by E. E. Brooks
Checked	Notes E. E. Brooks Date Nov
Date	Indexed C. J. GALLE

F. B. 3749 Pg. 9



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76F3095 CE #310 6-62

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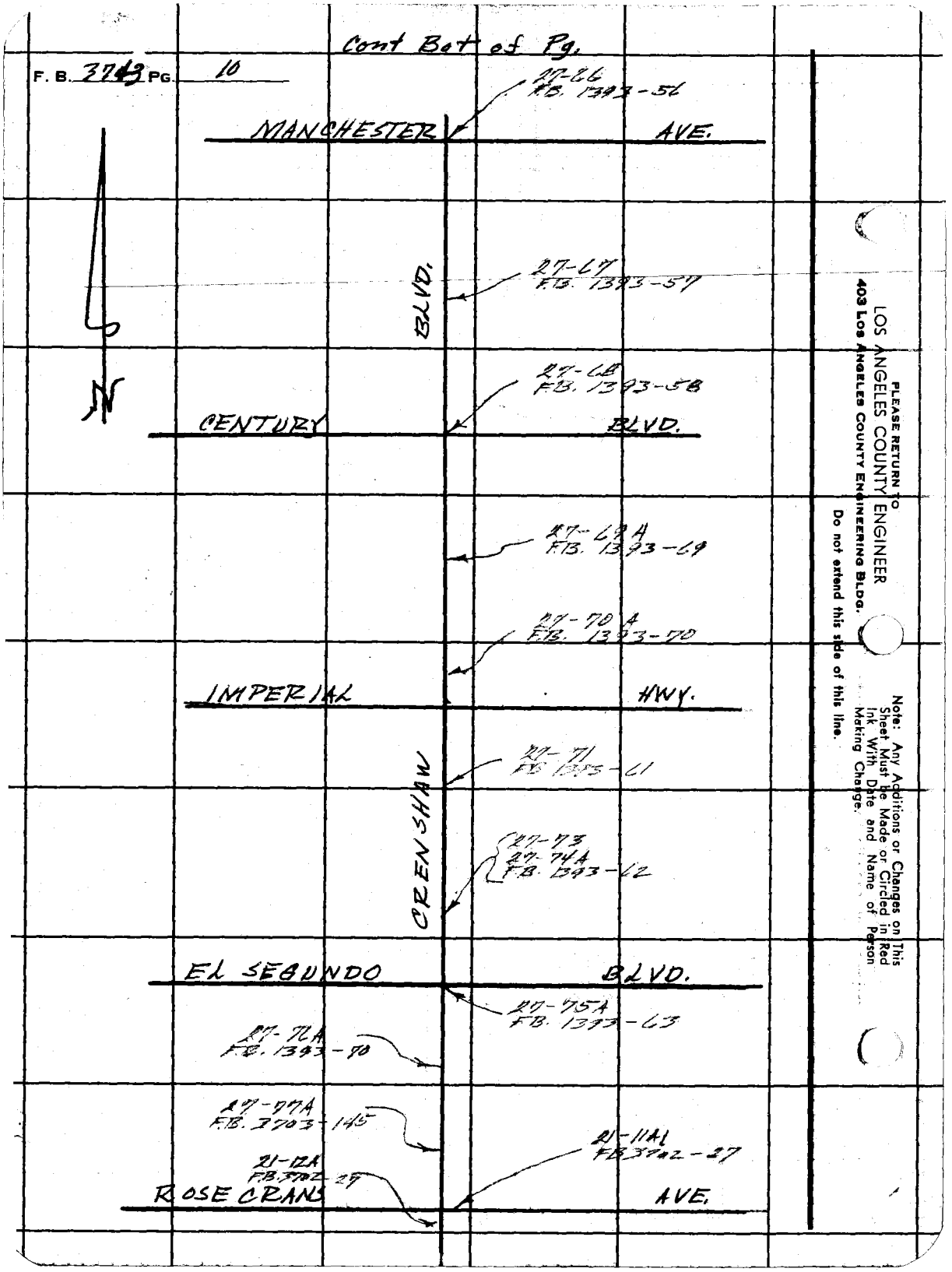
F. B. 3743 PG. 10



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76P526 CE # 308 3-61

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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 BM21-25 TO BM21-24
BM21-25									BM21-25 The Strand & 32nd St. See F.B. 1391-29
1	155	248	456 5	183 127 56	141	200	442 5	171 111 60	
2	162	641	463 5	187 137 50 106	152	100	453 5	177 127 50 110	π Moore
3	91	608	392 5	119 63 46 152	148	669	449 5	171 125 46 156	
4	164	620	465 5	172 156 16 168	166	542	467 5	173 159 14 170	
5	179	590	480 5	184 174 10 198	101	476	402 5	106 96 10 180	
	753	707			709	987			
BM21-24									BM21-24 The Strand and Rosecrans Ave see F.B. 1391-28

Summation of Run
From B.M. 21-25
To B.M. 21-24

Total Backsights = + 753.707
Total Foresights = − 709.987
Diff. Elev. = + 43.720

Backsight stadia = 178
Foresight Stadia = 186
Total Stadia = 358 meters

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 4 Dec 1964
INDEXED DATE
WEATHER Clear-windy INST. NO. 96716
TIME 1:30 – 1:45 ROD NO. 9-19
NOTES CHKD. [illegible] DATE NOV 19 '65
F.B. 3743 PG. 11

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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 BM21-24 TO BM21-25
BM21-24									BM21-24
1	85	451	386 5	84/76 18	145	347	446 5	154/136 18	The Strand and Rose crans Ave
2	160	188	461 5	157/133 54	118	232	419 5	146/90 56	See F.B. 1391-20
				72				74	⊼ KAPP
3	156	625	457 5	180/132 48	167	230	468 5	190/144 46	
				120				120	
4	153	558	454 5	178/128 50	154	360	455 5	170/129 50	
				170				170	
5	154	450	455 5	160/148 12	168	768	469 5	174/162 12	
				182				182	
	710	272			753	937			
BM21-25									BM 21-25
									The Strand and 32nd St.
									See F.B. 1391-29

Summation of Run
From B.M. 21-24
To B.M. 21-25

Total Backsights = + 710.272
Total Foresights = − 753.937
Diff. Elev. = − 43.665

Backsight stadia = 182
Foresight Stadia = 182
Total Stadia = 364 meters

F.B. 3743 PG. 12 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES R. R. RODRIGUEZ

INDEXED C. J. GALLI DATE 3-9-65

WEATHER Winds INST. NO. 96716

TIME 2:35 to 3:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM21-24 TO BM27-1
BM21-24									BM21-24 The strand & Rosecrans Ave
1	82	430	383 5	93 72 21	159	573	460 5	180 148 22	
2	137	318	438 5	162 112 50 71	157	399	458 5	182 132 50 72	See F.B. 1391-28
3	162	481	463 5	187 137 50 121	161	559	462 5	187 135 52 124	π Moore
4	155	478	456 5	182 128 54 175	145	650	446 5	172 118 54 178	
5	151	986	452 5	177 125 52 229	178	630	479 5	203 153 50 228	
	689	693			803	011			
BM27-1									BM 27-1 The strand at 43rd St. See F.B. 1393-6

Summation of Run
From B.M. 21-24
To B.M. 27-1

Total Backsights = + 689.693
Total Foresights = − 803.011
Diff. Elev. = − 113.318

Backsight stadia = 227
Foresight Stadia = 228
Total Stadia = 455 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 4 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716

TIME 1:50 – 2:15 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 PG. 13

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-1 TO BM21-24
BM 27-1									BM27-1 The strand and 43rd St. See F.B. 1393-6
1	178	620	479 5	204 / 152 52	151	691	452 5	176 / 126 50	
2	145	300	446 5	169 / 121 48	155	300	356 5	182 / 128 54	T KAPP
				100				104	
3	163	788	464 5	187 / 139 48	163	765	464 5	186 / 138 48	
				148				152	
4	158	820	459 5	180 / 136 44	161	505	462 5	180 / 142 38	
				192				190	
5	178	750	479 5	197 / 159 38	79	780	380 5	97½ / 79.5 36	
				230				226	
	~~824~~ 825	~~918~~ 278			712	041			
BM 21-24									BM21-24 The strand and Rosecrans Ave See F.B. 1391-28

Summation of Rur
From B.M. 27-1
To B.M. 21-24

Total Backsights = + 825.278
Total Foresights = − 712.041
Diff. Elev. = +113.237

Backsight stadia = 230
Foresight Stadia = 226
Total Stadia = 456 meters

F.B. 3743 Pg. 14 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES R.R. Rodriguez

INDEXED C. J. GALLI DATE 3-4-65

WEATHER Windy INST. NO. 96716

TIME 2:04 to 2:30 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM27-1									FROM BM27-1 TO BM27-~~78~~ 1A
1.	231	471	532 5	261 / 201 60	136	809	437 5	161 / 111 60	BM27-1 The strand & 43 TH St. See FB 1393-6
2.	148	422	449 5	156 / 140 16 / 76	25	744	326 5	32 / 19 13 / 73	
3.	268	358	569 5	271 / 264 7 / 83	38	355	339 5	42 / 34 8 / 81	π D. Moore
4.	275	248	576 5	278 / 272 6 / 89	30	245	331 5	33 / 27 6 / 87	
5.	295	279	596 5	298 / 292 6 / 95	20	786	321 5	23 / 17 6 / 93	
6.	277	407	578 5	284 / 271 13 / 108	52	109	353 5	59 / 45 14 / 107	
7.	288	831	589 5	294 / 282 12 / 120	17	908	318 5	24 / 10 14 / 121	
8.	287	900	588 5	292 / 282 10 / 130	39	774	340 5	44 / 34 10 / 131	
9.	255	878	556 5	259 / 251 8 / 138	41	503	342 5	46 / 36 10 / 141	
10.	231	192	532 5	236 / 226 10 / 148	3	790	304 5	8 5x2 / 3 10 / 151	
11.	177	616	478 5	182 / 172 10 / 158	191	264	492 5	196 / 186 10 / 161	
~~12.~~			5		~~185~~	~~925~~	~~486 5~~	~~209 / 161~~	
12	7	587	308 5	32 25x2 / 7 50 / 208	190	466	491 5	214 / 166 48 / 209	

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

SURVEY BY E. E. Brooks

NOTES BY M. Bustrum DATE 12-4-64

INDEXED C. J. GALLI DATE MAY 17 '65

WEATHER Hazy

TIME 2:15-3:15

NOTES CHKD [illegible] DATE MAY 19 '65

INST. NO 96786

ROD NO. 9-19

F.B. 3743 PG. 15

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WEATHER Hazy INST. NO. 92716
TIME 2:15 - 3:15 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 19 '65

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA 208	RIGHT	MIC.	LEFT.	STADIA 209	FROM BM 27-1 TO BM 27-~~78~~ 1A
13.	148	610	449	5	167 / 169	38 / 246	177	760	478 5	196 / 158	38 / 247
	2893	799			966	513			
BM 27-78									BM 27-~~78~~ 1A (S. Calif. Edison) Vista Del Mar & So. Calif. Edison Plant See F.B. 3703-9

Summation of Run
From B.M. 27-1
To B.M. 27-~~78~~ 1A

Total Backsights = + 2893.799
Total Foresights = − 966.513
Diff. Elev. = +1927.286

Backsight stadia = 246
Foresight Stadia = 247
Total Stadia = 493 meters

F.B. 3743 PG. 16 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES M Bustum
INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

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STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM27-~~72~~ 1A TO BM27-1
BM27-70									BM27-~~72~~ (So. Calif Edison) Vista Del Mar and So. Calif. Edison Plant See F.B. 3703-9
1	178 080	4795	197 / 154	38	148 901	4495	167 / 129	38	
2	193 281	4945	218 / 168	50 / 88	11 631	312 5	362 / 112	50 / 88	T KAPP
3	189 070	4905	194 / 184	10 / 98	176 060	4775	182 / 170	12 / 100	
4	15 470	3165	26 / 16	10 / 108	241 421	5425	246 / 236	10 / 110	
5	53 090	3545	56 / 46	10 / 118	267 168	5685	272 / 262	10 / 120	
6	44 830	3455	49 / 39	10 / 128	267 892	5685	272 / 262	10 / 130	
7	8 607	3095	14 / 2	12 / 140	289 307	5905	296 / 282	14 / 144	
8	35 270	3365	42 / 28	14 / 154	274 970	5755	280 / 268	12 / 156	
9	24 620	3255	27 / 21	6 / 160	298 348	5995	301 / 295	6 / 162	
10	28 354	3295	31 / 25	6 / 166	268 832	5695	270 / 266	4 / 166	
11	4 639	3055	9½ / 4	10 / 176	292 831	5435	298 / 286	12 / 178	
12	10 390	3115	19½ / 10	18 / 194	156 570	4575	166 / 146	20 / 198	

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

SURVEY BY F. E. Brooks

NOTES BY R. R. R.

INDEXED C. J. GALLI

DATE R. R. Robertson

DATE 2-4-65

WEATHER Cloudy + windy

TIME 1:00 to 2:00

INST. NO. 8K714

ROD NO. 194 8

NOTES CHKD

DATE MAY 19 '65

F.B. 3703 Pg. 17

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-~~78~~ 1A TO BM27-1
13	163	470	464 5	188 194 138 50 244	182	500	483 5	205 198 159 46 244	
	949	171			2876	431			
BM27-1									BM27-1 The Strand and 43rd St. See F.B. 1393-6

Summation of Run 1A
From B.M. 27-~~78~~
To B.M. 27-1

Total Backsights = + 949.171
Total Foresights = −2876.431
Diff. Elev. = −1927.260

Backsight stadia = 244
Foresight Stadia = 244
Total Stadia = 488 meters

F.B. 3743 Pg. 18

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY NOTES R. R. Rodriguez

INDEXED C. J. GALLI DATE 3-4-65

JOB NO. 0301.02

WEATHER Cloudy INST. NO. 86716

TIME 1100 to 2000 ROD NO. 1949

NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

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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 BM27-~~78~~ 1A TO BM27-4
BM27-78									BM27-~~78~~ 1A (So. Calif Edison Co)
1	226	253	527 5	245 207 38	119	828	420 5	138 100 38	Vista Del Mar & So. Cal. Edison plant.
2	185	543	486 5	213 157 56 94	108	234	409 5	137 79 58 96	See FB. 370[illegible]-9
3	148	365	449 5	176 120 56 150	168	647	469 5	197 139 58 154	⊼ Mather
4	125	645	426 5	154 96 58 208	222	332	523 5	250 194 56 210	
5	46	669	347 5	68 24 44 252	264	815	565 5	285 243 42 252	
6	23	186	324 5	42 4 38 290	263	983	584 5	283 264 19x2 38 290	
7	29	087	330 5	44 14 30 320	295	525	596 5	295 279 16x2 32 322	
8	4	825	305 5	17 4 13x2 26 346	295	682	596 5	295 260 15x2 30 352	
9	5	485	306 5	22 5 17x2 34 380	262	332	563 5	279 245 34 386	
10	41	381	342 5	62 20 42 422	173	532	474 5	195 151 44 430	
11	121	312	422 5	148 94 54 476	171	607	472 5	195 147 48 478	
12	121	128	422 5	148 94 54 530	190	969	491 5	217 163 54 532	

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

SURVEY BY FE Brooks

NOTES BY FEB DATE 16 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96716

TIME 9:20 - 10:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 37[illegible] PG. 19

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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 27-~~78~~ 1A TO BM 27-4
13	123	648	424 5	128 118 10 530 540	299	017	600 5 ~~533~~	299 293 6x2 12 532 544	
14	53	206	354 5	58 48 10 550	264 ~~53~~	843 ~~[illegible]~~	565 5 ~~354~~ ~~5~~	270 258 12 556	
15	161	092	462 5	164 158 6 556	186	264	487 5	188 184 4 560	
16	87	188	388 5	94 80 14 570	103	874	5	108 98 10 570	Steel Tape used for Fore sight.
	1503	993			3411	484			
BM 27-4									BM 27-4 Pumping Plant N. of Std. oil pier. See F.B. 1393-8

Summation of ~~BM~~ 27-~~78~~ 1A
From B.M. 27-4
To B.M.

Total Backsights = + 1503.993
Total Foresights = − 3411.484
Diff. Elev. = − 1907.491

Backsight stadia 570
Foresight Stadia 570
Total Stadia 1140 meters

WEATHER overcast INST. NO. 96716
TIME 9:20 - 10:25 ROD NO. 9-19
NOTES CHKD. [signature] DATE MAY 19 '65

F.B. 3743 PG. 26 JOB NO. 0301.42
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES E. E. Brooks
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA		FORESIGHT RIGHT	MIC.	LEFT.	STADIA		DESCRIPTION AND REMARKS
BM27-4											FROM BM 27-4 TO BM 27-~~76~~ 1A
1	104	631	5	109 / 99	10	35	390	336 5	40 / 30	10	BM 27-4 Pumping Plant N. of Std. oil Pier. See F.B. 1393-8
2	118	295	419 5	126 / 110	16	147	450	448 5	155 / 139	16	steel tape used on back sight
					26					26	KAPP
3	257	582	558 5	262 / 252	10	46	568	347 5	51 / 41	10	
					36					36	
4	279	513	580 5	285 / 273	12	101	553	402 5	107 / 95	12	
					48					48	
5	192	345	493 5	217 / 167	50	122	970	423 5	148 / 96	52	
					98					100	
6	176	190	477 5	202 / 152	50	126	884	427 5	150 / 102	48	
					148					148	
7	183	491	484 5	205 / 161	44	50	880	351 5	72 / 28	44	
					192					192	
8	252	023	553 5	269 / 235	34	4	670	305 5	21½ / 4	17 / 34	
					226					226	
9	301	617	602 5	301½ / 286 16	30	7	781	308 5	21½ / 7 14	28	
					256					254	
10	288	045	589 5	288½ / 272 16	30	30	780	331 5	45 / 15	30	
					288					284	
11	281	600	582 5	300 / 262	38	6	280	307 5	26½ / 6 6	40	
					326					324	
12	255	679	556 5	277 / 233	44	40	359	341 5	62 / 18	44	
					370					368	

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

SURVEY BY _____ WEATHER Sunny & Clear INST. NO. _____

NOTES BY R. R. RODRIGUEZ DATE _____ TIME 10:56 Tp ROD NO. _____

INDEXED C. I. GALLI DATE 3-9-65 NOTES CHKD. [signature] DATE MAY 19 '65

F.B. 3743 Pg. 21

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 27-4 TO BM 27-~~78~~ 1A
	215	523	516 5	244 186 370				368	
13	~~215~~		~~516 5~~	58	133	755	434 5	162 104 58	
				428				426	
14	189	671	490 5	218 160 58	155	330	456 5	182 128 54	
				486				480	
15	113	158	414 5	140 86 54	191	790	492 5	220 162 58	
				540				538	
16	129	805	430 5	148 110 38	229	590	530 5	248 210 37	
				578				575	
	3339	168			1432	030			
BM 27-78									BM 27-~~78~~ 1A (So. Calif Edison Co) Vista Del Mar and So. Calif Edison Plant see F.B. 3703-9

Summation of Rem
From B.M. 27-4
To B.M. 27-~~78~~ 1A

Total Backsights = + 3339.168
Total Foresights = − 1432.030
Diff. Elev. = + 1907.138

Backsight stadia = 578
Foresight Stadia = 575
Total Stadia = 1153 meters

F.B. 3743 PG. 22

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY NOTES R.R. RODRIGUEZ

INDEXED C. J. GALLI DATE 3-8-65

JOB NO. 0301.02

WEATHER Sunny

TIME 1056 to 1045

NOTES CHKD [signature]

INST. NO. 96116

ROD NO. 1949

DATE MAY 19 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-4 TO BM27-3
BM27-4									BM27-4 Pumping plant N. of Std. Oil pier
1	103	874		108 98 10	34	635	335 5	40 28 12	
2	70	880	371 5	90 50 40 50	66	218	367 5	85 47 38 50	See FB1393-8
3	192	847	493 5	219 165 54 104	136	858	437 5	164 108 56 106	π Mather steel tape used on backsight
4	144	238	445 5	171 117 54 159	165	963	466 5	193 137 56 162	
5	144	243	445 5	158 130 28 186	157	942	458 5	171 143 28 190	
6	5	525	306 5	14 5 942 18 204	226	909	527 5	236 216 20 210	
7	92	148	393 5	95 89 6 210	209	816	510 5	211 207 4 214	
	753	755			998	341			
BM27-3									BM27-3 (USCEGS Tidal 2) Std. Oil Co. Pier pumping Plant. See F.B. 1393-7

Summation of Run
From B.M. 27-4
To B.M. 27-3

Total Backsights = + 953.755
Total Foresights = − 998.341
Diff. Elev. = −244.586

Backsight stadia = 210
Foresight Stadia = 214
Total Stadia = 424 meters

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 16 Dec 1964
INDEXED DATE
WEATHER Overcast
TIME 10:30 - 11:10
NOTES CHKD. [illegible] DATE NOV 19 '65
INST. NO. 96716
ROD NO. 9-19
F.B. 3743 Pg. 23

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 27-3 TO BM 27-4
BM 27-3									BM 27-3 (USC&GS Tidal 2) St. Oil Co. Pier pumping Plant See F.B. 1393-7 ⊼ Mather
1	199	900	500 5	201 197 4	82	900	383 5	85 79 6	
2	228	894	529 5	238 218 20 24	5	820	306 5	14 5 962 18 24	
3	157	600	458 5	172 142 30 54	142	957	443 5	156 128 28 52	
4	166	129	467 5	194 139 55 109	146	878	447 5	173 119 54 106	
5	141	620	442 5	168 114 54 163	208	973	509 5	238 178 60 166	
6	85	007	386 5	102 68 34 197	78	028	379 5	98 58 40 206	
7	36	327	337 5	44 29 15 212	105	566	~~[illegible]~~	110 100 10 216	Steel tape used on foresight
	1015	477			771	122			
BM 27-4									BM 27-4 Pumping Plant N. of Std. Oil Pier. See F.B. 1393-8

Summation of Run
From B.M. 27-3
To B.M. 27-4

Total Backsights = + 1015.477
Total Foresights = − 771.122
Diff. Elev. = + 244.355

Backsight stadia = 212
Foresight Stadia = 216
Total Stadia = 428 meters

F.B. 3743 Pg. 24 JOB NO. 0301.02

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96916

TIME 11:45 - 12:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-3 TO BM27-2
BM27-3									BM27-3 (U.S.C.&G.S. Tidal 2) Std. Oil. Co. Pier. Pumping plant.
1	291	503	592 5	296 286 10	64	448	365 5	70 58 12	
2	205	208	506 5	226 184 42 52	288	421	589 5	288 268 20x2 40 52	See FB 1393-7 π Mather
3	50	264	351 5	63 37 26 78	282	225	583 5	294 270 24 76	
4	60	051	361 5	62 58 4 82	67	428	— 5	69 65 4 80	BM 27-2 (USC&GS R-50) Std. oil Co. Pier. settling Vats see F.B. 1393-7
	607	026			702	522			
BM27-2									

Steel tape used for ~~backsight~~ Foresight

Summation of Run
From B.M. 27-3
To B.M. 27-2

Total Backsights = + 607.026
Total Foresights = − 702.522
Diff. Elev. = − 95.496

Backsight stadia = 82
Foresight Stadia = 80
Total Stadia = 162 meters

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

SURVEY BY FE Brooks

NOTES BY FEB DATE 16 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Broken Clouds INST. NO. 96716

TIME 11:10 - 11:35 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 3743 Pg. 25

PLEASE RETURN TO

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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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM27-2 TO BM27-3
BM 27-2									BM 27-2 (USC&GS R-50) Std. Oil Co. Pier settling Vats. See F.B. 1393-7
1	66	755	~~5~~	68 64 4	59	494	360 5	61 57 4	
2	285	000	586 5	297 273 24 28	51	305	352 5	64 38 26 30	⊼ Mather steel tape used for backsight
3	291	457	592 5	291 271 20×2 40 68	207	263	508 5	228 186 42 72	
4	75	298	376 5	81 69 12 80	232	732	533 5	238 226 12 84	
5	189	827	490 5	199 184 10 90	262	218	563 5	267 258 9 93	
BM 27-3	908	337			813	012			BM 27-3 (USC&GS Tidal 2) Std. Oil Co. Pier pumping Plant See F.B. 1393-7

Summation of Run
From B.M. 27-2
To B.M. 27-3

Total Backsights = + 908.337
Total Foresights = − 813.012
Diff. Elev. = + 95.325

Backsight stadia = 90
Foresight Stadia = 93
Total Stadia = 183 meters

WEATHER Broken Cloud INST. NO. 96716
TIME 11:35-11:45 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '65

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F. E. Brooks
INDEXED C. I. GALLI DATE

F.B. 3743 PG. 26

76P526 CE # 308 3-61

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L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N E: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR C ED 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 F. E. Brooks

NOTES BY F. E. Brooks DATE 16 Dec 1964

INDEXED DATE

WEATHER Overcast

TIME 1130 - 2:05

NOTES CHKD. [illegible] DATE MAY 1965

INST. NO. 96716

ROD NO. 9-19

F.B. 3743 PG. 27

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 27-4								
1	104	739		109 / 99 10	35	498	336 5	40 / 30 10
2	251	748	552 5	256 / 246 10 / 20	26	161	327 5	32 / 20 12 / 22
3	235	938	536 5	260 / 210 50 / 70	176	238	477 5	198 / 154 44 / 66
4	133	650	434 5	160 / 106 54 / 124	181	433	482 5	207 / 155 52 / 118
5	154	561	455 5	180 / 128 52 / 176	138	393	439 5	167 / 109 58 / 176
6	172	406	473 5	199 / 145 54 / 230	120	158	421 5	146 / 94 52 / 228
7	161	437	462 5	188 / 134 54 / 284	108	674	409 5	134 / 82 52 / 280
8	181	501	482 5	207 / 155 52 / 336	127	404	428 5	155 / 99 56 / 336
9	159	763	460 5	186 / 132 54 / 390	180	791	481 5	207 / 153 54 / 390
10	143	638	444 5	170 / 116 54 / 444	188	363	489 5	215 / 161 54 / 444
11	147	847	448 5	174 / 120 54 / 498	101	679	402 5	128 / 74 54 / 498
	1847	228			1384	692		
BM 27-5A								

DESCRIPTION AND REMARKS

FROM BM27-4 TO BM27-5A

BM27-4
Pumping Plant N. of Std. Oil pier.
See F.B. 1393-8
steel tape used on Backsight

π Mather

Summation of Bar
From B.M. 27-4
To B.M. 27-5A

Total Backsights = + 1847.228
Total Foresights = − 1384.692
Diff. Elev. = +462.536

Backsight Stadia = 498
Foresight Stadia = 498
Total Stadia = 996 meters

BM 27-5A
Vista Del Mar at City of LA
Hyperion Plant
See F.B. 3703-19

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 BM 27-5A TO BM 27-4
BM 27-5A									BM 27-5A Vista Del Mar at City of L.A. Hyperion Plant See F.B. 3703-19
1	75	541	376 5	101 49 52	140	738	441 5	167 113 54	
2	211	819	512 5	238 184 54 106	168	147	469 5	195 141 54 108	π Kapp
3	199	969	500 5	226 172 54 160	162	805	463 5	189 135 54 162	
4	132	068	433 5	159 105 54 214	197	240	498 5	224 170 54 216	Summation of Run From B.M. 27-5A To B.M. 27-4
5	125	307	426 5	150 100 50 264	153	688	454 5	180 127 53 269	
6	101	640	402 5	128 74 54 318	183	982	484 5	208 158 50 319	Total Backsights = + 1394.315 ✓
7	130	498	431 5	157 103 54 372	126	377	427 5	153 99 54 373	Total Foresights = −1856.797 ✓
8	167	335	468 5	193 141 52 424	110	800	411 5	137 83 54 427	Diff. Elev. = −462.482 ✓
9	172	990	473 5	196 148 48 472	255	770	556 5	280 230 50 477	Backsight = 498 ✓
10	42	120	343 5	48 36 12 484	252	990	553 5	258 246 12 489	Foresight Stadia = 499 ✓
11	35	028	336 5	43 29 14 498	104	260		110 100 10 499	Total Stadia = 997 meters
	1394	315 ✓			1856	797 ✓			
BM 27-4									BM 27-4 Pumping Plant N. of std. Oil Pier. See F.B. 1393-8

WEATHER Broken Clouds INST. NO. 4716
TIME 10:05 - 10:45 ROD NO. 9-19
NOTES CHKD [signature] DATE NOV 19 '65

F.B. 3743 PG. 28 JOB NO. 6301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F. E. Brooks
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-5A TO BM27-5
BM27-5A	92	397	393 5	107 77 30	174	857	475 5	190 158 32	BM27-5A Vista Del MAR at City of L.A. Hyperion plant. See FB 3703 ~~[illegible]~~ 17 ~~[illegible]~~ π V.F. Lieber
BM27-5									BM 27-5 Vista Del Mar at City of L.A. Hyperion Plant See F.B. 3703-~~[illegible]~~17

Summation of [illegible]
From B.M. 27-5A
To B.M. 27-5

Total Backsights = + 92.397
Total Foresights = − 174.857
Diff. Elev. = −82.460

Backsight stadia = 30
Foresight Stadia = 32
Total Stadia = 62 meters

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

SURVEY BY [illegible] brook WEATHER clear INST. NO. 46716

NOTES BY [illegible] brook DATE 5 March 65 TIME 9:20 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 PG. 29

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-5 TO BM27-5A
BM27-5									BM27-5 Vista Del Mar at City of L.A. Hyperion Plant See F.B. 3703-17
1	170	509	471 5	180 160 20	88	067	389 5	97 79 18	
BM27-5A									BM27-5A Vista Del Mar at City of L.A. Hyperion Plant see F.B. 3703-17

Summation of Run
From B.M. 27-5
To B.M. 27-5A

Total Backsights = + 170.509
Total Foresights = − 88.067
Diff. Elev. = + 82.432

Backsight stadia = 20
Foresight Stadia = 18
Total Stadia = 38 meters

F.B. 3743 Pg. 30
SURVEY OF A. Co. Precise Level Mat
SURVEY BY B. E. Brook NOTES
INDEXED C. J. GALLI DATE
JOB NO. 0311.02
WEATHER
TIME 10:05
NOTES CHKD
INST. NO. 26716
ROD NO. 9-19
DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-5 TO BM27-6
BM27-5A									BM27-5
1	218	127	519 5	244 / 192 52	132	905	433 5	158 / 106 52	Vista Del Mar at City of L. A Hyperion plant
2	166	661	467 5	190 / 142 48 / 100	121	156	422 5	145 / 97 48 / 100	See FB 3703-17
3	172	965	473 5	197 / 147 50 / 150	145	527	446 5	169 / 125 44 / 144	⊼ V.F. Lieber
4	195	246	496 5	219 / 171 48 / 198	127	645	428 5	153 / 101 52 / 196	
5	175	638	476 5	199 / 149 50 / 248	149	541	450 5	174 / 124 50 / 246	Summation of Run From B.M. 27-5 To B.M. 27-6
6	195	241	496 5	220 / 170 50 / 298	125	061	426 5	150 / 100 50 / 296	Total Backsights = + 1537.189
7	165	202 / ~~167~~	466 5	190 / 140 50 / 348	206	239 / ~~20~~	507 5	231 / 181 50 / 346	Total Foresights = 1353.290
8	126	399	427 5	150 / 101 49 / 397	175	475	476 5	199 / 151 48 / 394	Diff. Elev. = +183.899
9	121	790	422 5	132 / 110 22 / 419	169	741	470 5	179 / 159 20 / 414	Backsight stadia = 419
	1537	189			1353	290			Foresight Stadia = 414
									Total Stadia = 833 meters.
BM27-6									BM 27-6 Vista Del Mar. and Imperial Hwy. See F.B. 3703-19

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

SURVEY BY [illegible] Crooke

NOTES BY [illegible] DATE 5 March 65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 9:35 - 10:45

NOTES CHKD. [illegible] DATE NOV 19 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3748 PG. 31

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	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-6 TO BM 27-5
BM 27-6									BM 27-6 Vista Del Mar. and Imperial Hwy. See F.B. 3703-19
1	174	028	475 5	184 164 20	126	049	427 5	136 116 20	
2	173	911	474 5	197 149 48	105	288	406 5	130 80 50	
3	176	742	477 5	201 151 50 68	154	992	455 5	170 129 50	π KAPP
4	114	468	415 5	139 89 50 118	165	358	466 5	190 140 50 120	Summation of R... From B.M. 27-6 To B.M. 27-5
5	121	027	422 5	140 46 50 168	165	450	466 5	190 190 50 170	
6	116	842	417 5	141 91 50 218	165	552	466 5	190 140 50 220	Total Backsights = 1237.399 ✓
7	120	821	421 5	144 96 48 268	167	369	468 5	192 142 50 270	Total Foresights 1420.318 ✓ Diff. Elev. = -182.919 ✓
8	118	530	419 5	143 93 50 316	164	529	465 5	187 141 46 320	
9	121	030	422 5	147 95 52 366	205	731	506 5	220 180 50 366	Backsight stadia = 418 ✓ Foresight Stadia = 416 ✓ Total Stadia = 834 meters
	1237	399 ✓		418 ✓	1420	318 ✓		416	
BM 27-5									BM 27-5 Vista Del Mar at City of L.A. Hyperion Plant. See F.B. 3703-~~19~~ 17

F.B. 3743 PG. 32

SURVEY OF A. Co. Precise Level Net

SURVEY BY R. S. Brooks NOTES R. R. Rodriguez

INDEXED C. J. GALLI DATE 2-9-65

JOB NO. 0301.02

WEATHER SUNNY INST. NO. 96716

TIME 9:25 to 10:00 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible] IS SHEET MUST BE MADE OR C[illegible]ED 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 27-5 TO BM 27-6
BM 27-5A									BM 27-5 Vista Del Mar at City of L.A. Hyperian Plant. See F.B. 3703-17
1	226	370	527 5	252 200 52	161	582	462 5	186 136 50	
2	195	310	496 5	219 171 48 100	129	416	430 5	154 104 50 100	
3	161	930	462 5	186 136 50 150	135	101	436 5	159 111 48 148	T K.M. Kapp
4	187	245	488 5	212 162 50 200	118	905	419 5	143 93 50 196	Summation of Rur From B.M. 27-5 To B.M. 27-6
5	166	225	467 5	191 141 50 250	141	428	442 5	166 116 50 248	
6	189	134	490 5	214 164 50 300	118	470	419 5	143 93 50 298	
7	154	369	455 5	179 129 50 350	195	651	496 5	220 170 50 348	Total Backsights = + 1536.759 ✓ Total Foresights = − 1353.863 ✓ Diff. Elev. = + 182.896 ✓
8	129	625	430 5	154 104 50 400	178	712	479 5	202 154 48 396	
9	126	551	427 5	135 117 18 418	124	598	475 5	185 163 22 418	Backsight Stadia = 418' Foresight Stadia = 418' Total Stadia = 836' meters
	1536	759 ✓			1353	863 ✓			
BM 27-6									BM 27-6 Vista Del Mar and Imperial Hwy See F.B. 3703-19

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

SURVEY BY F. E. Brooks DATE 10 Mar 65 WEATHER Overcast INST. NO. 96716

NOTES BY FEB TIME 8:55-9:20 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 5 '65

F.B. 3743 PG. 32A

F.B. 3743 Pg. 32B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-6 TO BM 27-7A
BM 27-6									BM 27-6 Vista Del Mar & Imperial Hwy
1	180	205	481 5	209 151 58	140	03~~7~~5	441 5	170 111 59	See FB 3703-19 π Lieber
BM 27-7A									BM 27-7A Vista Del Mar, 325' N'ly. of Imperial Hwy. See F.B. 3703-19

Summation of Run
From B.M. 27-6
To B.M. 27-7A

Total Backsights = + 180.205
Total Foresights = − 140.035
Diff. Elev. = +40.170

Backsight stadia = 58
Foresight Stadia = 59
Total Stadia = 117 meters

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

SURVEY BY F. E. Brooks

NOTES BY K. M. Kapp DATE 3-5-65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 10:55 ROD NO. 9-19

NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 33

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-7A TO BM 27-6
BM 27-7A									BM 27-7A Vista Del Mar, 325' N'ly. of Imperial Hwy. See F.B. 3703-19
1	141 ~~181~~	202	4425 ~~4875~~	170 112 58	181	460	4825	210 152 58	
									π KAPP
BM 27-6									BM 27-6 Vista Del Mar & Imperial Hwy. See F.B. 3703-19

Summation of Bur
From B.M. 27-7A
To B.M. 27-6

Total Backsights = + 141.202
Total Foresights = − 181.460
Diff. Elev. = − 40.258

Backsight stadia = 58
Foresight Stadia = 58
Total Stadia = 116 meters

F.B. 3743 PG. 34 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Slot

SURVEY BY E. E. Brooks NOTES R. R. RODRIGUEZ

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 96716

TIME ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-7A TO BM27-8
BM27-7A									BM27-7A
1	159	152	460 5	180 138 42	147	910	448 5	168 126 42	Vista Del Mar, 325 FT N'ly, of Imperial Hwy
2	192	332	493 5	215 169 46 88	145	230	446 5	168 122 46 86	See FB3703-19
3	171	~~X~~ 103	472 5	195 148 47 135	162	573	463 5	185 139 46 134	π Lieber
4	184	931	485 5	201 167 34 169	172	279	473 5	189 155 34 168	
	707	518			627	992			Summation of Run From B.M. 27-7A To B.M. 27-8
BM 27-8									BM 27-8 Vista Del Mar & Killgore St. See F.B. 1393-11

Total Backsights = + 707.518

Total Foresights = − 627.992

Diff. Elev. = +79.526

Backsight stadia = 169

Foresight Stadia = 168

Total Stadia = 337 meters

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

SURVEY BY E. E. Brooks

NOTES BY K.M. Kapp DATE 3-5-65

INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716

TIME 11:00-11:40 ROD NO. 9-69

NOTES CHKD. [illegible] DATE MAY 1968

F.B. 3743 PG. 35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Clear - Windy INST. NO. 96716
TIME 3:10 - 3:35 ROD NO. 9-19
NOTES CHKD. DATE MAY 19 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 27-8 TO BM 27-7A
BM 27-8							BM 27-8 Vista Del Mar & Killgore St. See F.B. 1393-11
1	174 174	475 5	191 157 34	165 100	466 5	182 148 34	
2	140 850	441 5	164 116 48 62	141 172	492 5	194 146 46 80	T Kapp
3	150 549	451 5	173 127 46 128	173 160	474 5	196 150 46 126	
4	143 662	444 5	163 123 40 166	179 347	460 5	200 158 42 168	Summation of Run From B.M. 27-8 To B.M. 27-7A
	609 235			688 779			
BM 27-7A							BM 27-7A Vista Del Mar, 325' N'ly. of Imperial Hwy. See F.B. 3703 - 19

Total Backsights = + 609.235
Total Foresights = − 688.779
Diff. Elev. = − 79.544

Backsight stadia = 168
Foresight Stadia = 168
Total Stadia = 336 meters

F.B. 3743 PG. 36 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E.E. Brock NOTES E.E.B.

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-8 TO BM27-8A
BM27-8									BM 27-8
1	187	632	488 5	201 / 173 28	164	267	465 5	177 / 151 26	Vista Del Mar & Killgore Ave.
2	185	465	486 5	206 / 164 42 / 70	135	891	436 5	158 / 112 46 / 72	See FB 1393-11
	373	097			300	158			⊼ V.F. Lieber.
BM27-8A									BM 27-8A Vista Del Mar and Jacquelin St. See F.B. 1393-11

Summation of Run
From B.M. 27-8
To B.M. 27-8A

Total Backsights = + 373.097
Total Foresights = − 300.158
Diff. Elev. = +72.939

Backsight stadia = 70
Foresight Stadia = 72
Total Stadia = 142 meters

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

SURVEY BY F. E. Brooks WEATHER Clear INST. NO 96716

NOTES BY F. E. Brooks DATE 5 March 1965 TIME 11:40 - 11:45 ROD NO 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE [illegible] 1965

F.B. 3743 PG. 37

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-8A TO BM 27-8
BM27-8A									BM 27-8A
									Vista Del Mar &
1	140	518	441 5	162 118 44	166	431	467 5	189 143 46	Jacquelin St.
									See F.B. 1393-11
2	143	570	444 5	156 130 26	190	773	491 5	204 176 28	
	284.088			70	357.204			74	π KAPP
BM27-8									BM 27-8
									Vista Del Mar &
									Killgore St.
									See F.B. 1393-11

Summation of Run
From B.M. 27-8A
To B.M. 27-8

Total Backsights = + 284.088
Total Foresights = − 357.204
Diff. Elev. = − 73.116

Backsight stadia = 70
Foresight Stadia = 74
Total Stadia = 144 METERS

F.B. 7743 PG. 38

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES R.R. RODRIGUEZ

INDEXED C. J. GALLI DATE 3-5-65

WEATHER WINDY INST. NO. 96716

TIME 3:00 TO 3:15 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-8A TO BM27-9
BM27-8A									BM27-8A
1	162	247	483 5	205 159 46	140	167	441 5	162 118 44	Vista Del Mar & Jacquelin St.
2	168	234	469 5	195 145 50 96	140	719 ~~[illegible]~~	441 5	164 116 48 92	See FB 1393-11
3	154	489	455 5	169 139 30 126	150	427	451 5	163 137 26 118	⊼ V.F. Lieber
	504	970			431	313			
BM27-9									BM 27-9 Vista Del Mar and Haviland St. See F.B. 1393-12

Summation of Run
From B.M. 27-8A
To B.M. 27-9

Total Backsight = + 504.970
Total Foresight = − 431.313
Diff. Elev. = + 73.657

Backsight stadia = 126
Foresight Stadia = 118
Total Stadia = 244 meters

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

SURVEY BY [illegible] DATE 5 March 19[illegible] WEATHER Clear-Windy INST. NO. 96716

NOTES BY [illegible] TIME 1:00 - 1:20 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 3743 PG. 39

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 27-9 TO BM 27-8A
BM 27-9									BM 27-9 Vista Del Mar and Haviland St. See F.B. 1393-12
1	144	180	445 5	158 / 130 28	148	340	449 5	162 / 134 28	
2	142	516	443 5	166 / 118 48	164	652	465 5	187 / 141 46	
				76				74	π KAPP
3	142	558	443 5	164 / 120 44	189	851	490 5	212 / 166 46	
	429.254			120	502.843			120	
BM 27-8A									BM 27-8A Vista Del Mar and Jacquelin St. See F.B. 1393-11

Summation of Run
From B.M. 27-9
To B.M. 27-8A

Total Backsights = + 429.254
Total Foresights = − 502.843
Diff. Elev. = − 73.589

Backsight stadia = 120
Foresight Stadia = 120
Total Stadia = 240 meters

F.B. 7143 PG. 40 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES R. R. RODRIGUEZ

INDEXED C. J. GALLI DATE

WEATHER WINDY INST. NO. 96716

TIME 2:52 TO 5:00 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-9 TO BM27-9B
BM27-9									BM27-9 Vista Del Mar & Haviland St.
1	179	261	480 5	199 159 40	148	984	449 5	169 127 42	
2	174	070	475 5	199 149 50 90	138	796	439 5	164 112 52 94	See F.B. 1393-12
3	171	076	472 5	196 146 50 140	144	458	445 5	169 128 46 140	⊼ U.F. Lieber
4	176	130	477 5	201 151 50 190	145	268	446 5	169 120 49 189	
5	160	707	461 5	173 147 26 216	187	369	488 5	197 177 20 209	
	861	844			764	895			
BM27-9B									BM27-9B. Vista Del Mar. and Deauville St. See F.B. 1393-13

Summation of Run
From B.M. 27-9
To B.M. 27-9B

Total Backsights = + 861.844
Total Foresights = − 764.895
Diff. Elev. = + 96.949

Backsight stadia = 216
Foresight Stadia = 209
Total Stadia = 425 meters

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

SURVEY BY F. E. Brooks

NOTES BY [illegible] DATE 5 March 1965

INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716

TIME 1:25 - 2:55 ROD NO. 9-19

NOTES CHKD [illegible] DATE [illegible] 19 '65

F.B. 3743 PG. 41

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-9B TO BM 27-9
BM 27-9B									BM 27-9B
					167	230	468 5	178 156	Vista Del Mar and Deauville
1	192	210	493 5	204 180 24	~~174~~	~~822~~	~~475 5~~	~~178 157 54~~ 22	St.
								50	See F.B. 1393-13
2	148	248	449 5	173 123 50	176	059	477 5	201 151 ~~77~~ 72	
				74					⊼ KAPP
3	147	726	448 5	171 123 48	178	131	479 5	202 154 48	
				122				125	
4	145	110	446 5	172 118 54	178	177	479 5	202 154 48	
				176				168 ~~173~~	
5	155	978	456 5	174 136 38	186	515	487 5	202 165 42	
				214				210 ~~215~~	
	789	272			886	112			
BM 27-9									BM 27-9
									Vista Del Mar and Haviland
									St.
									See F.B. 1393-12

Summation of Run
From B.M. 27-9B
To B.M. 27-9

Total Backsights = + 789.272
Total Foresights = − 886.112
Diff. Elev. = − 96.840

Backsight Stadia = 214
Foresight Stadia = 210
Total Stadia = 424 meters

WEATHER Sunny & windy INST. NO. 96716
TIME 2:30 to 2:50 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '65

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES R. R. Rodriguez
INDEXED G. J. GALLI DATE 3-4-65

F.B. 3743 PG. 42

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-9B TO BM27-9A
BM27-9B									BM27-9B VISTA Del MAR & Deauville St. See FB 1393-13
1	192	311	493 5	201 182 19	159	169	460 5	168 150 18	π Lieber
BM 27-9A									BM 27-9A Vista Del Mar & Deauville St. See F.B. 1393-13

Summation of Run
From B.M. 27-9B
To B.M. 27-9A

Total Backsights = + 192.311
Total Foresights = − 159.169
Diff. Elev. = +33.142

Backsight stadia = 19
Foresight Stadia = 18
Total Stadia = 37 meters

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

SURVEY BY F. E. Brooks

NOTES BY K.M. Kapp DATE 3-5-65

INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716

TIME 2:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE

F.B. 3743 PG. 43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-9A TO BM 27-9B
BM 27-9A									BM 27-9A Vista Del Mar & Deauville St. See F.B. 1393-13
1	162	909	463 5	171 153 18	196	050	497 5	206 186 20	π Kapp
BM 27-9B									BM 27-9B Vista Del Mar & Deauville St. See F.B. 1393-13

Summation of Run
From B.M. 27-9A
To B.M. 27-9B

Total Backsights = + 162.909
Total Foresights = − 196.050
Diff. Elev. − −33.141

Backsight stadia = 18
Foresight Stadia = 20
Total Stadia = 38 meters

WEATHER Clear-Windy INST. NO. 96716
TIME 2:25 ROD NO. 9-19
NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 3743 PG. 44 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY K. M. Kaer DATE 3-5-65 WEATHER Clear-Windy INST. NO. 26716

NOTES BY K. M. Kaer DATE 3-5-65 TIME 2:05-2:30 ROD NO. 2-19

INDEXED C. J. GALLI DATE NOTES CHKD. W. Zm DATE MAR 19 '65

F.B. 3743 PG. 45

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM27-9A TO BM27-10
BM27-9A									BM27-9A Vista Del Mar & Deauville St.
1	180	928	481	5 204 156 48	141	969	442	5 164 118 46	
2	164	245	465	5 187 141 46 94	146	565	447	5 171 122 49 95	See FB 1393-13
3	116	148	417	5 138 94 ~~44~~ 138	203	390	504	5 224 182 42 137	T Lieber
4	67	772	368	5 90 44 46 184	223	405	524	5 223½ 200 23 46 183	
	529	093			715	329			
BM 27-10									BM 27-10 (USC&GS R767) Vista Del Mar at old Life Guard Station
				Total Backsights = + 529.093'					
				Total Foresights = − 715.329'					See F.B. 1393-14
				Diff. Elev. = −186.236'					
	Summation of Run From B.M. 27-9A To B.M. 27-10						Backsight stadia = 184' Foresight Stadia = 183' Total = 367' 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-10 TO BM 27-9A
BM 27-10									BM 27-10 (U.S.C.&G.S. R 767) Vista Del Mar at old Life Guard Station See F.B. 1393-14
1	231	530	532 5	231 23x2 208 46	73	995	374 5	96 50 46	
2	204	626	505 5	225 183 42 88	118	474	419 5	140 96 44 90	π Kapp
3	152	748	453 5	176 128 48 136	172	155	473 5	195 149 46 136	
4	146	005	447 5	164 123 46 182	184	100	485 5	206 160 48 184	
	734	909			548	724			
BM 27-9A									BM 27-9A Vista Del Mar & Deauville St. See F.B. 1393-13

Summation of Run
From B.M. 27-10
To B.M. 27-9A

Total Backsights = + 734.909
Total Foresights = − 548.724
Diff. Elev. = +186.185

Backsight stadia = 182
Foresight Stadia = 184
Total Stadia = 366 meters

WEATHER Clear - Windy INST. NO. 96716
TIME 2:10 - 2:20 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '65

JOB NO. 0301.02
SURVEY OF LA Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

F.B. 3743 PG. 46

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-10 TO BM27-11
BM27-10									BM27-10 (U.S.C.E.G.S.R.767)
	171	517 ~~[illegible]~~	472 5	193 149 44	95	900	396 5	118 72 46	Vista Del Mar at
1	~~161~~	~~819~~	~~462 5~~	~~181 141 40~~	~~86~~	~~243~~	~~387 5~~	~~112 60 2~~	Old Life guard
									station
2	199	643	500 5	221 177 44 88	109	393	410 5	131 87 44 90	See FB 1393-14
3	196	551	497 5	223 169 54 142	185 ~~[illegible]~~	141	486 5	211 159 52 192	π Bustrum
4	120	299	421 5	145 95 50 192	171	651	472 5	196 146 50 192	
5	141	273	442 5	166 116 50 242	248	081	549 5	274 222 52 244	
6	85	258	386 5	111 58 53 295	206	258	507 5	231 180 51 295	
	914	541			1015	824			
BM 27-11									BM27-11
									Vista Del Mar and Sterry St.
									See F.B. 1393-15

Summation of Run
From B.M. 27-10
To B.M. 27-11

Total Backsights = + 914.541
Total Foresights = −1015.824
Diff. Elev. = −101.283

Backsight stadia = 295
Foresight Stadia = 295
Total Stadia = 590 Meters

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

BY FE Brooks

FEB

C. J. GALLI

DATE 17 Dec 1964

DATE

WEATHER Clear

TIME 9:00 - 9:30

NOTES CHKD [illegible]

INST. NO. 96916

ROD NO. 9-19

DATE JAN 19 '65

F.B. 3743 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-11 TO BM 27-10
BM 27-11									BM 27-11 Vista Del Mar and Sterry St. see F.B. 1393-15
1	214	493	515 5	240 188 52	96	462	397 5	122 70 52	
2	253	080	554 5	280 226 54 106	142	428	443 5	168 117 51 103	π Kapp
3	173	452	474 5	198 148 50 156	121	990	422 5	146 96 50 157	Summation of Run From B.M. 27-11 To B.M. 27-10
4	207	210	508 5	233 181 52 208	210	636	511 5	237 183 54 207	
5	79	202	380 5	102 56 46 254	196	600	497 5	219 173 46 253	
6	119	630	420 5	138 100 38 292	197	812	478 5	197 157 46 293	Total Backsights = + 1047.067 ✓ Total Foresights = − 945.928 ✓ Diff. Elev = +101.139 ✓
	1047	067 ✓			945	928 ✓			
BM 27-10									BM 27-10 (USCOGS R767) Vista Del Mar at Old Life Guard Station see F.B. 1393-14
									Backsight stadia = 292 ✓ Foresight Stadia = 293 ✓ Total Stadia = 585 meters

F.B. 3743 PG. 48 JOB NO. 8301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F.E. Brown NOTES F

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96.711

TIME 1:45 - 2:05 ROD NO. 9-15

NOTES CHKD [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-11 TO BM 27-12
BM 27-11									BM 27-11 Vista Del Mar & Sterry St.
1	215	447	516 5	241 189 52	134	305	435 5	161 107 54	
2	162	475	463 5	189 134 55 107	133	457	434 5	160 106 54 108	See FB 1393-15
3	168	739	469 5	195 140 55 162	135	581	436 5	162 108 54 162	⊼ Bustrum
4	169	699	470 5	198 141 57 219	136	513	437 5	163 108 55 217	
5	159	365	460 5	170 148 22 241	85	025	386 5	96 74 22 239	Summation of Run From B.M. 27-11 To B.M. 27-12
	875	725			624	881			
BM 27-12									BM 27-12 Vista Del Mar and Waterview St. See F.B. 1393-16

Total Backsights = + 875.725

Total Foresights = − 624.881

Diff. Elev. = +250.844

Backsight stadia = 241

Foresight Stadia = 239

Total Stadia = 480 Meters

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

SURVEY BY F.E. Brooks

NOTES BY F.E.B. DATE 18 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 9:30 - 9:50

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9-19

DATE [illegible] 19 '65

F.B. 3743 Pg. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-12 TO BM27-11
BM27-12									BM27-12 Vista Del Mar and Waterview St. See F.B. 1393-16
1	~~93~~ 93	863	~~394~~ 394	5 104 82 22	167	592	468	5 178 156 22	
2	143	040	444	5 170 116 54 76	176	190	477	5 202 150 52 74	
3	147	685	448	5 171 123 48 124	180	000	481	5 204 156 48 122	
4	144	019	445	5 174 114 60 184	173	186	474	5 203 143 60 182	
5	130	620	431	5 158 102 56 240	213	218	514	5 241 185 56 238	
	659	320			910	186			
BM27-11									BM 27-11 Vista Del Mar and Sterry St. See F.B. 1393-15

Summation of Run
From B.M. 27-12
To B.M. 27-11

Total Backsights = 659,320
Total Foresights = 910,186
Diff. Elev. = -250,866

Backsight stadia = 240
Foresight Stadia = 238
Total Stadia = 478 METERS

F.B. 3743 Pg. 50 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES R.R. RODRIGUEZ

INDEXED C. J. GALLI DATE 5-8-65

WEATHER Sunny & Warm INST. NO. 96716

TIME 1:06 To 1:40 ROD NO. 1949

NOTES CHKD [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY F.E.B.

INDEXED G. J. GALLI

DATE 17 Dec 1964

DATE

WEATHER Clear

TIME 9:50 - 10:40

NOTES CHKD

INST. NO. 46716

ROD NO. 4.18

DATE NOV 19 '65

F.B. 77443 PG. 57

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia		FORESIGHT Right	Mic.	Left	Mic.	Stadia		DESCRIPTION AND REMARKS
													FROM BM 27-12 TO BM 27-13
BM 27-12													BM 27-12 (U.S.C&G.S. 5767) Vista Del Mar & Water View St.
1	98	313	399	5	116 60	30	210	413	511	5	229 192	37	
2	57	569	352	5	60 42	18 54	299	217	600	5	299 290	9 18 55	See FB 1393-16
3	24	195	325	5	32 16	16 70	282	327	583	5	290 274	16 71	T Bustrum
4	20	619	321	5	30 10	20 90	249	185	550	5	258 239	19 90	Summation of Bus From B.M. 27-12 To B.M. 27-13
5	7	383	308	5	32 7	25 ~~50~~ 140	248	669	549	5	274 222	52 142	
6	77	091	378	5	104 50	54 194	170	967	471	5	198 142	56 198	Total Backsights = + 963.293
7	129	591	430	5	153 103	46 242	178	777	479	5	203 153	50 248	Total Foresights = − 2050 179
8	136	867	439	5	165 111	54 296	172	603	473	5	197 147	50 296	Diff. Elev. = −1086.886
9	137	168	438	5	163 111	52 346	190	813	491	5	216 164	52 350	Backsight stadia = 360
10	278	491	579	5	264 292	12 360	47 ~~87~~ 208			5	53 40	13 363	Foresight Stadia = 363
	963	293					2050	179					Total Stadia = 723 Meters
													steel tape used on Foresight
BM 27-13													BM 27-13 Vista Del Mar and Culver Blvd. See F.B. ~~2405~~ 1393-17

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 42716 ROD NO. 9-18 DATE MAY 29 '65

WEATHER Clear TIME 11:00 - 12:00 NOTES CHKD

F.B. 7743 PG. 52 JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES F.E.B.

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 27-13 TO BM 27-12
BM 27-13									BM 27-13 Vista Del Mar and Culver Blvd. See F.B. 1393-17
1	35 ~~75~~	020	—5	42 28 14	258	779	559 5	263 253 10	steel tape used on backsight T Kapp
2	179	732	480 5	206 152 54 66	133	632	434 5	159 107 52 62	
3	174	968	475 5	200 148 52 120	161	679	462 5	188 134 54 116	
4	203	718	504 5	227 179 48 168	133	864	434 5	158 108 50 166	Summation of Run From BM 27-13 To BM 27-12
5	178	741	479 5	206 150 56 224	103	521	404 5	130 76 54 220	
6	270	718	571 5	295 245 50 274	13	430	314 5	38 13 25 270	Total Backsights = 2088.191 ✓ Total Foresights = 1001.262 ✓ Diff. = +1086.929 ✓
7	247	912	548 5	256 238 18 292	14	052	315 5	25 3 22 292	
8	280	548	581 5	288 272 16 308	23	020	324 5	31 15 16 308	
9	299	023	600 5	299 290 ~~9~~ 10 ~~244~~ 326	53	820	354 5	62 44 18 326	Backsight stadia = 364 ✓ Foresight Stadia = 362 ✓ Total = 726 meters
10	217	811	518 5	236 198 38 364	104	665	405 5	122 86 36 362	
	2088 191 ✓				~~1000 922~~ 1001 262 ✓				
BM 27-13									BM 27-13 Vista Del Mar and Culver Blvd See F.B. 1393-17

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-13 TO BM27-14
BM27-13									BM27-13
1	44	698		50 / 37 13	277	539	578 5	284 / 271 13	Vista Del Mar & Culver Blvd
2	158	413	459 5	169 / 148 21	172	413	473 5	183 / 161 22	See FB1393-17
	203	111		34	449	952		35	steel tape used on backsight Bustrum
BM27-14									BM27-14 Vista Del Mar and Culver Blvd. See F.B. 3703-35

Summation of Run
From B.M. 27-13
To B.M. 27-14

Total Backsights = + 203.111
Total Foresights = − 449.952
Diff. Elev. = − 246.841

Backsight stadia = 34
Foresight Stadia = 35
Total Stadia = 6 9 meters

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

SURVEY BY F. E. Brooks WEATHER clear INST. NO. 96716

NOTES BY F E Brooks DATE 17 Dec 1964 TIME 10:40 - 10:45 ROD NO. 4-14

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE [illegible] 1965

F.B. 3743 PG. 53

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 27-14 TO BM 27-13
BM 27-14									BM27-14 Vista Del Mar and Culver Blvd.
1	181	155	482 5	192 170 22	157	999	4585	168 146 22	See F.B. 3703-35
	250	232	551 5	255 245 10				14	
2	~~26~~	~~478~~		~~33~~ ~~19~~ 32	26	478	~~5~~	33 19 36	π KAPP
	431	387			184	477			STEAL TAPE USED
BM 27-13									BM 27-13 Vista ~~Bl~~ Del Mar and Culver Blvd. See F.B. 1393-17

Summation of [redacted]
From B.M. 27-14
To B.M. 27-13

Total Backsights = + 431.387
Total Foresights = − 184.477
Diff. Elev. = + 246.910

Backsight stadia = 32
Foresight Stadia = 36
Total Stadia = 68 METERS

F.B. 3743 PG. 54 JOB NO. 0301.02
SURVEY OF LA Co. Precise Level Net
SURVEY BY F. E. Brock NOTES R. R. RODRIGUEZ
INDEXED C. J. GALLI DATE
WEATHER Sunny INST. NO. 96716
TIME 11:01 To ROD NO. 1949
NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-14 TO BM 27-15A
BM27-14									BM 27-14
1	135	891	436 5	153 117 36	148	651	449 5	166 130 36	Vista Del Mar & Culver Blvd.
2	129	211	430 5	154 104 50 86	96	228	397 5	124 68 56 92	See FB 3703-35
3	219	283	520 5	244 193 51 137	127	275	428 5	152 102 50 142	π Bustrum
4	141	187	442 5	168 114 54 191	171	231	472 5	196 146 50 192	Summation of Run
5	148	805	449 5	174 122 52 243	162	637	463 5	187 137 50 242	From B.M. 27-14 To B.M. 27-15A
6	141	248	442 5	165 117 52 295	155	397	456 5	180 130 50 292	
7	164	997	465 5	182 146 36 331	177	485	478 5	195 158 37 329	Total Backsights = + ~~1170.618~~ 1080.618 ✓
	~~1170~~	~~618~~			1038	904			Total Foresights = − 1038.904 ✓
	1080	618 ✓							Diff. Elev. = ~~+131.714~~ + 41.714 ✓
BM27-15A									BM 27-15A (F.C. 115-38) Balloma Creek and Pacific Ave

Backsight stadia = 331 ✓
Foresight Stadia = 329 ✓
Total Stadia = 660 meters

See F.B. 1393-18

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

SURVEY BY F. E. Brooks

NOTES BY FEB DATE 17 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:50 — 11:20

NOTES CHKD. [illegible] DATE MAY 19 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3743 PG. 55

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 56 JOB NO. 30102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES R. P. RODRIGUEZ

INDEXED C. J. GALL DATE 3-5-65

WEATHER Sunny INST. NO. 16716

TIME 10:30 TO 11:00 ROD NO. 1949

NOTES CHKD. DATE MAY 19 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-15A TO BM 27-14
BM 27-15A				~~192~~ ~~166~~					BM27-15A (FC 115-38) Ballona Creek and Pacific Ave See F.B 1393-18
	180 939		451 5		168 440		469 5		
1	~~181 422~~		~~482 5~~	200 162 38	~~168 922~~		~~469 5~~	186 150 36	
				50	148 175		449 5	124 48	
2	160 191		461 5	185 135 38	~~149 020~~		~~450 5~~	~~124 48~~ 84	T KAPP
				50					
3	167 330		468 5	192 142 138	150 932		451 5	176 124 52	
				52				136 54	
4	174 102		475 5	200 148 190	145 368		445 5	172 118 190	Summation of Rec From B.M. 27-15A To B.M. 27-14
				52				54	
5	128 950		424 5	154 102 242	227 856		528 5	254 204 244	
				58				54	
6	107 339		408 5	136 78 300	132 412		433 5	159 105 278	Total Backsights = 1087.880
				28				3	Total Foresights = 1129.305
7	168 861		469 5	182 154 328	156 122		457 5	170 142 326	Diff. Elev. = -41.425
	1087 880				1129 305				
									Backsight stadia = 328
									Foresight Stadia = 326
									Total Stadia = 654 meters
BM 27-14									BM 27-14 Vista Del Mar and Culver Blvd. See F.B. 3703-35

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-15A TO BM 27-15
BM 27-15A									BM 27-15A (F.C. 115-38) Ballona Creek and Pacific Ave
1	241	631	542 5	245 237 8	222	493	523 5	226 218 8	see F.B. 1393-18
									T Bustrum
BM 27-15									BM 27-15 (Ref. FCBM 115-38) Ballona Creek and Pacific Ave
									see F.B 1393-18
									Summation of Run From B.M. 27-15A To B.M. 27-15
									Total Backsights = + 241.631 Total Foresights = − 222.493 Diff. Elev. = + 19.138
									Backsight stadia = 8 Foresight Stadia = 8 Total Stadia = 16 meters

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

SURVEY BY L.A. Co. Precise Level Net

NOTES BY F. E. Brooks DATE 17 Dec 1964 WEATHER Clear INST. NO. 96716

INDEXED C. J. GALLI DATE TIME 1:10 ROD NO. 9-17

NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 3743 Pg. 57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-15 TO BM27-15A
BM 27-15									BM 27-15 Ballona Creek and Pacific Ave See F.B. 1393-18
1.	212	678	513 5	217 207 10	231	818	532 5	236 226 10	
BM 27-15A									BM 27-15A Ballona Creek and Pacific Ave See F.B. 1393-18

Summation of [redacted]
From B.M. 27-15
To B.M. 27-15A

Total Backsights = + 212.678
Total Foresights = − 231.818
Diff. Elev. = − 19.140

Backsight stadia = 10
Foresight Stadia = 10
Total Stadia = 20 meters

F.B. 3743 PG. 58 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

WEATHER Broken Clouds INST. NO. 967/C
TIME 10:15 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-15 TO BM 27-17
BM 27-15									BM 27-15 (Ref F.C. BM 115-38) Ballona Creek & Pacific Ave
1	270	779	571	5	279 260	19	87 951	388 5	96 78 18
2	135	615	436	5	154 116	38 57	197 135	498 5	217 177 40 58
	406	394					285 086		
									Summation of [redacted] From B.M. 27-15 To B.M. 27-17
BM 27-17									BM 27-17 (USC&GS Q 767) Ballona Creek and Pacific Ave. See F.B. 1393-20
									Total Backsights = + 406.394 Total Foresights = − 285.086 Diff. Elev. = +121.308
									Backsight stadia = 57 Foresight Stadia = 58 Total Stadia = 115 Meters

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

SURVEY BY P. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY FEB DATE 17 Dec 1964 TIME 1:10 – 1:15 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-17 TO BM27-15
BM27-17									BM27-17 (USC&GS Q767) Ballona Creek and Pacific Ave
1	207	212	506 5	228 / 186 42	152	842	453 5	173 / 131 42	See F.B. 1393-20
2	97	031	398 5	105 / 89 16	272	631	573 5	280 / 264 ~~24~~ 16	
	304	243		58	425	523		58	T Kapp
BM27-15									BM27-15 (Ref FCBM 115-38) Ballona Creek and Pacific Ave. See F.B. 1393-18

Summation of Run
From B.M. 27-17
To B.M. 27-15

Total Backsights = + 304.243
Total Foresights = − 425.523
Diff. Elev. = −121.280

Backsight stadia = 58
Foresight Stadia = ~~26~~ 58
Total Stadia = ~~124~~ 116 meters

WEATHER Broken Clouds INST. NO. 96716
TIME 10:05-10:18 ROD NO. 9-19
NOTES CHKD [illegible] DATE [illegible]

F.B. 3743 PG. 60 JOB NO. 301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 030 192 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks
INDEXED C. A. GALLA
DATE 17 Dec 1964
DATE
WEATHER clear
TIME 1:20 - 1:40
NOTES CHKD
INST. NO. 2776
ROD NO. 9-14
DATE NOV 19 65
F.B. 7743 Pg. 61

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									From BM 27-17 To BM 27-19A
BM 27-17									BM 27-17 (USC&GS Q767) Ballona Creek and Pacific ALC See F.B. 1393-20
1	45	635	346	5	61 26	38	152	732	453 5 170 134 36
2	161	878	462	5	187 135	52 90	157	223	458 5 183 131 52 88
3	59	317	360	5	77 41	36 126	278	998	579 5 296 260 36 129
4	93	913	394	5	99 87	12 138	257	125	558 5 264 250 14 138
	360	743					845	458	
BM 27-19A									BM 27-19A (FC BM 115-222A) Ballona Creek at old pipe line bridge See F.B. 3103-43

T Bustrum

Summation of
From B.M. 27-17
To B.M. 27-19A

Total Backsights = + 360.743
Total Foresights = − 845.458
Diff. Elev. = − 484.715

Backsight stadia = 138
Foresight Stadia = 138
Total Stadia = 276 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 BM27-19A TO BM27-17
BM27-19A									BM27-19A (FCBM 115-222A) Ballona Creek at old pipe line bridge see F.B. 3703-43
1	184	138	485 5	194 / 174 20	86	448	387 5	97 / 75 22	
2	269	872	570 5	275 / 263 12 / 32	13	000	314 5	19 / 7 12 / 34	π Kapp
3	191	718	492 5	221 / 161 60 / 92	157	808	458 5	186 / 128 58 / 92	
4	139	482	440 5	168 / 110 58 / 150	143	158	344 5	72 / 14 58 / 150	Summation of Run From B.M. 27-19A To B.M. 27-17
	785	210			300	474			
BM27-17									BM 27-17 (USC&GS Q767) Ballona Creek and Pacific Ave. See F.B. 1393-20

Backsight stadia = 150
Foresight Stadia = 150
Total Stadia = 300 meters

Total Backsights = + 785.210
Total Foresights = − 300.474
Diff. Elev. = +484.736

WEATHER Broken Cloudy INST. NO. 96716
TIME 9:50 - 10:05 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 62 JOB NO. 0341.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-19 TO BM 27-19A
BM 27-19A									BM 27-19 (F.C. BM 115-222A) Ballona Creek at old pipe line bridge see F.B. 3703-43
1	287	803	588 5	295 279 16	36	213	337 5	43 28 15	
2	254	087	555 5	260 248 12 28	151	843	452 5	157 146 11 26	
	541	890			188	056			Bustrum
									Summation of Run From B.M. 27-19 To B.M. 27-19A
BM 27-19									BM 27-19 A (Venice G-52) Ballona Creek at old pipe line bridge see F.B 3703-43
									Total Backsights = + 541.890
									Total Foresights = − 188.056
									Diff. Elev. = + 353.834
									Backsight stadia = 28
									Foresight Stadia = 28
									Total Stadia = 54 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 17 Dec 1964

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 1:40 - 1:45

NOTES CHKD. [illegible] DATE MAY 19 '65

INST. NO. 96 MK

ROD NO. 919

F.B. 3743 PG. 63

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-19A TO BM 27-19A
BM27-19									BM27-19A (Venice G-50) Ballona Creek at old pipe line bridge See F.B. 3703-43
1	69	022	370 5	74 64 10	244	448	545 5	249 238 11	
2	84	540	385 5	88 80 8 18	262	928	563 5	265 254 6 17	π Kapp
	153	562			507	376			
									Summation of Run From B.M. 27-19A To B.M. 27-19A
BM27-19A									BM27-19A (FCBM 115-222A) Ballona Creek at old pipe line Bridge
									Total Backsights = + 153.562 ✓ Total Foresights = − 507.376 ✓ Diff. Elev. = − 353.814 ✓
									Backsight stadia = 18 ✓ Foresight Stadia = 17 ✓ Total Stadia = 35 meters

WEATHER Broken Cloudy INST. NO. 96716
TIME 9:40 - 9:50 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 PG. 64 JOB NO. 03701.02
SURVEY OF E.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-19A TO BM 27-21B
BM 27-19									BM 27-19A (VENICE G-58) Ballona Creek at old pipe line bridge see F.B. 3703-43
1	131	398	432 5	158 104 54	158	513	459 5	184 132 52	
2	154	833	455 5	178 130 46 102	165	299	466 5	190 140 50 102	Bustrum
3	166	417	467 5	192 140 52 154	153	919	454 5	179 127 52 154	
4	152	833	453 5	169 135 34 188	210	829	511 5	226 293 33 187	Summation of [illegible] From B.M. 27-19A To B.M. 27-21B
	605	981			688	560			
BM 27-21B									BM 27-21B (MDR 8) Ballona Creek 637± ft s'ly of s face of UCLA Boat house see F.B. 3703-45

Total Backsights = + 605.481

Total Foresights = − 688.560

Diff. Elev. = − 83.0~~81~~ 79

Backsight stadia = 188

Foresight Stadia = 187

Total Stadia = 375 Meters

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

SURVEY BY F. E. Brock

NOTES BY E. E. Brock

INDEXED C. J. GALLI DATE 17 Dec 1964

DATE

WEATHER Clear

TIME 1:45 - 2:00

NOTES CHKD. [illegible]

INST. NO. 96716

ROD NO. 9-19

DATE MAY 19 '65

F.B. 9743 Pg. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-21B TO BM27-19A
BM27-21B									BM27-21B (MDR-8) Ballona Creek 637± ft. s'ly of S. face of UCLA Boathouse See F.B. 3703-45
1	233	762	534 5	260 206 54	142	410	443 5	170 114 56	
2	132	306	433 5	158 106 52 106	161	779	462 5	186 136 50 106	Kapp
3	176	012	477 5	201 151 50 156	181	450	482 5	206 156 50 156	
4	170	840	471 5	186 154 32 188	144	282	445 5	159 124 50 186	Summation of [redacted] From B.M. 27-21B To B.M. 27-19 A
	712	940			629	921			
BM27-19									BM27-19 A (Venice G-58C) Ballona Creek at old pipe line bridge See F.B. 3703-43

Backsight stadia = 188

Foresight Stadia = 186

Total Stadia = 374 meters

Total Backsights = + 712.940

Total Foresights = − 629.921

Diff. Elev. = + 83.019

WEATHER Broken clouds INST. NO. 96716

TIME 9:25 - 9:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '63

F.B. 3743 PG. 66 JOB NO. 0341.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY E. E. Brooks NOTES F.E.B.

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-21B TO BM 27-23B
BM 27-21B									BM 27-21B (M.D.R. 8) Ballona Creek 637 ft ± S'ly of S. face of UCLA boat house. See F.B. 3703-45
1	219	641	520 5	244 194 50	138	175	439 5	163 113 50	
2	162	883	463 5	186 138 48 98	132	137	433 5	156 106 48 98	⊼ Bustrum
3	182	519	483 5	205 159 46 144	184	455	485 5	207 161 46 144	
4	217	201	518 5	245 189 56 200	164	441	465 5	191 137 54 198	Summation of Run From B.M. 27-21B To B.M. 27-23B
	782	244			619	208			
BM 27-23B									BM 27-23 B Ballona Creek 663 ± ft N. of S'ly face of UCLA Boat house See F.B. 3703-47

Total Backsights = + 782.244

Total Foresights = − 619.208

Diff. Elev. = + 163.036

Backsight stadia = 200

Foresight Stadia = 198

Total Stadia = 398 Meters

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

SURVEY BY E.E.

NOTES BY E.E.

INDEXED C. J. GALLI DATE 17 Dec 1964

DATE

WEATHER Clear

TIME 2:00 - 2:25

NOTES CHKD [illegible] DATE MAY 19 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3743 PG. 67

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-23B TO BM27-21B
BM27-23B									BM27-23B ([redacted]) Ballona Creek 63± ft N. of S'ly face of UCLA Boathouse see F.B. 3703-47
1	179	159	480 5	208 150 58	178	373	479 5	208 148 60	
2	140	730	441 5	164 116 48 106	187	696	488 5	211 163 48 108	T KAPP
3	147	850	448 5	169 125 44 159	149	880	450 5	172 126 46 154	
4	131	428	432 5	155 107 48 198	246	780	547 5	270 222 50 204	Summation of Run From B.M. 27-23 B To B.M. 27-21 B
	599	667			762	729			
BM27-21B									BM27-21B (MDR 8) Ballona Creek 637± ft S'ly of S face of UCLA Boat house see F.B. 3703-45

Total Backsights = + 599.667

Total Foresights = − 762.729

Diff. Elev. = − 163.062

Backsight stadia = 198

Foresight Stadia = 204

Total Stadia = 402 Meters

F.B. 3743 PG. 68

JOB NO. 030102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brook NOTES R.R. Rodriguez

INDEXED C. J. GALLI DATE

WEATHER Sunny INST. NO. 96716

TIME 9:05 to 9:40 ROD NO. 1940

NOTES CHKD [illegible] DATE MAY 29 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES HIS SHEET MUST BE MADE OR ...ED 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 BM27-23B TO BM27-23A
BM27-23B									BM27-23B Ballona Creek 663± ft N. of S'ly face of UCLA boat house.
	128	923	429 5	159 97 62	174	443	475 5	205 144 61	see F.B. 3703-47 π Bustrum
									BM27-23A Ballona Creek 1064± ft N. of S'ly face of U.C.L.A Boathouse see F.B. 3703-47
									Summation of Run From B.M. 27-23B To B.M. 27-23A
									Total Backsights = + 128.923 Total Foresights = − 174.443 Diff. Elev. = − 45.520
					Backsight stadia = 62 Foresight Stadia = 61 Total Stadia = 123 Meters				

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks

INDEXED C. J. GALLI

DATE 17 Dec 1964

DATE

WEATHER Clear

TIME 2:25

NOTES CHKD

INST. NO. 96716

ROD NO. 9-19

DATE

F.B. 3743 PG. 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-23A TO BM27-23B
BM27-23A									BM 27-23A Ballona Creek 1064±ft. N. of S'ly face of UCLA Boat house See F.B. 3703-47
	181	529	4825	211 151 60	136	020	437 5	167 105 62	π KAPP
BM27-23B									BM 27-23B Ballona Creek 663±ft N. of S'ly face of U.C.L.A. Boat house See F.B. 3703-47

Summation of Run
From B.M. 27-23A
To B.M. 27-23B

Backsight stadia = 60
Foresight Stadia = 62
Total Stadia = 122 METERS

Total Backsights = + 181.529
Total Foresights = − 136.020
Diff. Elev. = + 45.509

F.B. 3743 PG. 70 JOB NO. 0341.02

SURVEY OF L.A. Co. Precise Level List

SURVEY BY E. E. Brooks NOTES R.R. Rodriguez

INDEXED C. J. GALLI DATE 5-8-65

WEATHER Sunny INST. NO. 26716

TIME 9:00 to 9:09 ROD NO. 1949

NOTES CHKD. [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]ED 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 27-23A TO BM 27-28
BM 27-23A									BM 27-23A (VENICE G-4) Ballona Creek 1064± ft N'ly of S'ly face of UCLA boathouse.
1	163	133	484 5	210 156 54	149	027	450 5	176 122 54	
2	160	637	461 5	186 134 52 106	141	525	442 5	168 114 54 108	See F.B. 3703-49
3	162	993	463 5	189 135 54 160	154	223	455 5	180 127 53 161	⊼ Bustrum
4	154	787	455 5	180 128 52 212	161	728	462 5	188 134 54 215	
5	173	692	474 5	202 144 58 270	143	038	444 5	171 115 56 271	
6	167	177	468 5	192 142 50 320	135	417	436 5	161 108 53 324	
7	146	363	447 5	173 119 54 374	140	640	441 5	169 111 58 382	
8	154	063	455 5	183 125 58 432	154	112	455 5	183 125 58 440	
9	173	575	474 5	220 126 94 526	198	699	499 5	245 151 94 534	
	1477.020				1378	409			
BM 27-28									BM 27-28 (FCBM 115 226) Ballona Creek and Culver Blvd. See F.B. 1393-24

Summation of Run
From B.M. 27-23A
To B.M. 27-28

Total Backsights = + 1477.020
Total Foresights = − 1378.409
Diff. Elev. = + 98.611

Backsight stadia = 526
Foresight Stadia = 534
Total Stadia = 1060 Meters

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

SURVEY BY E. E. Brooks DATE 17 Dec 1964 WEATHER Clear INST. NO. 96716

NOTES BY E. E. Brooks DATE 17 Dec 1964 TIME 2:30 - 3:00 ROD NO. 9-19

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

F.B. 3743 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
BM27-28									FROM BM27-28 TO BM27-23A
1	192	553	493 5	237 / 146 / 91	171	265	472 5	213 / 128 / 85	BM 27-28 (FCBM 115-226) Ballona Creek and Culver Blvd. See F.B. 1393-24
2	163	512	464 5	189 / 137 / 52 / 143	162	508	463 5	190 / 134 / 56 / 141	T F.E. BROOKS
3	150	368	451 5	178 / 122 / 56 / 199	153	452	454 5	182 / 124 / 58 / 199	
4	147	469	448 5	174 / 120 / 354 / 258	171	605	472 5	198 / 144 / 54 / 253	Summation of Run From B.M. 27-28 To B.M. 27-23A
5	140	468	441 5	168 / 112 / 56 / 307	155	467	456 5	184 / 126 / 58 / 391	
6	138	842	439 5	170 / 107 / 63 / 372	153	615	454 5	189 / 117 / 72 / 383	
7	155	513	456 5	186 / 124 / 62 / 434	171	754	472 5	203 / 139 / 64 / 447	Total Backsights = + 1370.335 ✓
8	148	243	448 5	176 / 120 / 56 / 490	157	708	458 5	184 / 130 / 54 / 501	Total Foresights = − 1469.069 ✓
9	134	367	435 5	150 / 118 / 32 / 522	171	695	472 5	187 / 155 / 32 / 533	Diff. Elev. = − 98.734 ✓
	1370	335 ✓			1469	069 ✓			Backsight Stadia = 522 ✓
									Foresight Stadia = 533 ✓
									Total Stadia = 1055 meters
BM27-23A									BM27-23A (Venice G-4) Ballona Creek 1024± ft N'ly of S'ly face of UCLA Boathouse see F.B. 3703-47

WEATHER WINDY INST. NO. 5C116
TIME 2:55 TO 3:30 ROD NO. 1842
NOTES CHKD. [illegible] DATE 5-5-65
MAY 19 '65

F.B. 3743 Pg. 74 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Lev. Notes
SURVEY BY F.E. Brooks NOTES R.R. RODRIGUEZ
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR [illegible]ED 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 BM27-28 TO BM 27-29
BM 27-28									BM 27-28 (FCBM 115 226) Ballona Creek and Culver Blvd. See F.B. 1393-24
1	224	753	525 5	234 214 20	192	097	493 5	202 182 20	
									T Lieber
BM 27-29									BM 27-29 (FCBM 115-227) Ballona Creek & Culver Blvd. See F.B. 1393-24

Summation of [illegible]
From B.M. 27-28
To B.M. 27-29

Total Backsights = + 224.753
Total Foresights = − 192.097
Diff. Elev. = + 32.656

Backsight stadia = 20
Foresight Stadia = 20
Total Stadia = 40 Meters

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

SURVEY BY P. E. Brooks WEATHER Cloudy INST. NO. 96716

NOTES BY K. M. Kapp DATE 3-10-65 TIME 10:00 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 19 '65

F.B. 3743 PG. 73

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-29 TO BM 27-28
BM 27-29									BM 27-29 (FCBM 115-227) Ballona Creek & Culver Blvd. See F.B. 1393-24
1	187	685	488.5	197 177 20	220	351	521 5	230 210 20	
	187	685			220	351			
									π BUSTRUM
BM 27-28									BM 27-28 (FCBM 115-226) Ballona Creek & Culver Blvd. See F.B. 1393-24

Summation of Run
From B.M. 27-29
To B.M. 27-28

Total Backsights = + 187.685
Total Foresights = − 220.351
Diff. Elev. = − 32.666

Backsight stadia = 20
Foresight Stadia = 20
Total Stadia = 40 METERS

F.B. 3743 PG. 74 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES R. R. RODRIGUEZ

INDEXED C. J. GALLI DATE 3-11-65

WEATHER Cloudy INST. NO. 96716

TIME 11:21 PM ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-29 TO BM27-30
BM 27-29									BM27-29 (FCBM 115-227) Ballona Creek and Culver Blvd.
1	203	427	504 5	214 / 191 23	33	601	334 5	44 / 22 22	
2	183	316	484 5	200 / 165 35 / 58	292	997	593 5	292½ / 274 18 / 36 / 58	See F.B. 1393-24
3	55	303	356 5	62 / 48 14 / 72	276	748	577 5	283 / 269 14 / 72	⊼ Lieber
4	175	210	476 5	194 / 156 38 / 110	121	502	422 5	139 / 103 36 / 108	
5	59	972	360 5	70 / 48 22 / 132	174	183	475 5	186 / 162 24 / 132	
6	166	338	467 5	169 / 163 6 / 138	93	601	—	96 / 90 6	
	843	566			992	632		138	Used steel Tape
BM 27-30									BM 27-30 (City of L.A. T977) Roosevelt Hwy. & old R.R. bridge abutment See F.B. 1393-25

Summation of Run
From B.M. 27-29
To B.M. 27-30

Total Backsights = 843.566
Total Foresights = 992.632
Diff. Elev. = 149.066

Backsight stadia = 138
Foresight Stadia = 138
Total Stadia = 276 meters

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

SURVEY BY F. E. Brooks

NOTES BY K.M. Kapp DATE 3-10-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 26716

TIME 10:05-10:50 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 PG. 75

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 27-30 TO BM 27-29
BM 27-30									BM 27-30 (City of L.A. T 977) Roosevelt Hwy. & old R.R. bridge abutment See F.B. 1393-25
1	82	733		85 / 79 / 6	154	950	455 5	157 / 151 / 6	
2	168	409	469 5	180 / 155 / 25 / 31	54	409	355 5	65 / 43 / 23 / 29	π BUSTRUM
3	115	163	416 5	133 / 97 / 36 / 67	170	148	471 5	189 / 151 / 38 / 67	
4	268	439	569 5	275 / 261 / 14 / 81	46	980	347 5	53 / 39 / 14 / 81	
5	295	357	546 5	295 / 281 / 28 / 109	173	445	474 5	187 / 159 / 28 / 109	
6	75	705	376 5	88 / 62 / 26 / 135	256	673	557 5	270 / 242 / 28 / 137	
	1005	806			856	605			
BM 27-29									BM 27-29 (FCBM 115-227) Ballona Creek & Culver Blvd. See F.B. 1393-24

Summation of Bar
From B.M. 27-30
To B.M. 27-29

Total Backsights = + 1005.806
Total Foresights = − 856.605
Diff. Elev. = +149.201

Backsight stadia = 135
Foresight Stadia = 137
Total Stadia = 272 meters

WEATHER Cloudy INST. NO. 96716
TIME 10:50 to 11:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY R. E. Brook NOTES R. R. [illegible]
INDEXED C. J. GALLI DATE 3-11-65

F.B. 3743 PG. 76

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM27-30 TO BM27-31
BM 27-30									BM 27-30 (City of L.A. T 977) Roosevelt Hwy and old R.R. bride abutment
			Used steel Tape						
1	93	600	—	96 / 90 6	155	862	456 5	158 / 152 6	See F.B. 1393-25
2	174	843	475 5	187 / 161 26 / 32	99	216	400 5	113 / 85 28 / 34	T Lieber
3	229	~~688~~ 678	530 5	238 / 220 18 / 50	92	833	393 5	107 / 83 18 / 52	
4	154	740	455 5	160 / 148 12 / 62	102	085	403 5	108 / 96 12 / 64	
	652	861			449	996			
BM 27-31									BM 27-31 (FCBA 115-226) Ballona Creek at Roosevelt Hwy. See F.B. 1393-25

Summation of Run
From B.M. 27-30
To B.M. 27-31

Total Backsights = + 652.861
Total Foresights = − 449.996
Diff. Elev. = + 202.865

Backsight stadia = 62
Foresight Stadia = 64
Total Stadia = 126 Meters

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

SURVEY BY F. E. Brooks

NOTES BY R. M. Kapp DATE 3-10-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 10:55 11:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA		RIGHT MIC.	LEFT.	STADIA		FROM BM 27-31 TO BM 27-30
BM 27-31									BM 27-31 (FCBM 115-228) Ballona Creek at Roosevelt Hwy. See F.B. 1393-25
1	94 371	395 5	100 88	20	147 081	448 5	153 141	22	
2	75 362	376 5	84 66	18	225 563	526 5	234 216	18	
				38				40	π BUSTURM
3	106 329	407 5	120 92	28	168 528	469 5	181 155	26	
				66				66	
4	146 339	447 5	149 143	6	184 082	5	87 81	6	
				72				72	STEAL TAPE USED
	422 401				625 254				
BM 27-30									BM 27-30 (City of L.A. T977) Roosevelt Hwy. & old R.R. bridge abutment See F.B. 1393-25

Summation of Run
From B.M. 27-31
To B.M. 27-30

Total Backsights = 422.401
Total Foresights = 625.254
Diff. Elev. = 202.853

Backsight stadia = 72
Foresight Stadia = 72
Total Stadia = 144 meters

F.B. 3743 PG. 78

SURVEY OF C.A. Co. Precise Level Net
SURVEY BY P. E. Brooks NOTES R. R. ROAMBURG
INDEXED C. J. GALLI DATE 3-11-65

JOB NO. 0301.02

WEATHER Sunny INST. NO. 96716
TIME 10:42 to 10:57 ROD NO. 9-19
NOTES CHKD. [illegible] DATE NOV 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-31 TO BM27-32A
BM27-31									BM27-31 (F.C. BM 115-228) Ballona Creek at Roosevelt Hwy. See F.B. 1393-25
1	95	363	396 5	120 70 50	121	532	422 5	145 97 48	
2	163	405	464 5	187 139 48 98	169	162	470 5	194 144 50 98	⊼ V.F. Lieber
3	182	793	483 5	206 158 48 140	151	403	452 5	174 128 46 144	20 min delay with field engr.
4	162	249	463 5	187 137 50 196	143	953	444 5	166 118 50 194	
5	163	501	464 5	187 139 48 244	152	745	453 5	175 129 46 240	Summation of Bar From B.M. 27-31 To B.M. 27-32 A
6	167	332	468 5	193 142 51 295	139	601	440 5	165 113 52 292	
7	163	708	464 5	185 141 44 339	151	842	452 5	174 128 46 338	Total Backsights = 1453.063 ✓
8	153	168	454 5	178 128 50 389	145	740	446 5	170 119 51 389	Total Foresights = − 1681.961 ✓
9	142	529	443 5	160 124 36 425	244	908	545 5	262 226 36 425	Diff. Elev. = − 228.898 ✓
10	59	015	360 5	61 57 4 429	261	055	562 5	263 259 4 429	Backsight stadia = 429 ✓
	1453	063 ✓			1681	961 ✓			Foresight Stadia = 429
									Total Stadia = 858 meters
BM27-32									BM 27-32A Ballona Creek at old P.E. R.R. Bridge See F.B. 1393-26

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

SURVEY BY P. E. Brooks DATE 10 March 1965 WEATHER Overcast - Windy INST. NO. 46116

NOTES BY P. E. Brooks DATE 11:05 - 12:15 ROD NO. 9-09

INDEXED C. J. GALLY DATE NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 PG. 49

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 27-32A TO BM 27-31
BM 27-32A									BM 27-32A Ballona Creek at old P.E. R.R. See F.B. 1393-26
1	260	448	561 5	262 258 4	68	~~594~~ 058	369 5	70 66 4	
2	252	085	553 5	270 234 36 40	154	589	455 5	172 136 36 40	π M.L. Bustrum
3	162	547	463 5	188 136 52 92	161	735	462 5	186 136 50 90	Summation of Bar From B.M. 27-32A To B.M. 27-31
4	152	353	453 5	175 129 46 138	161	303	462 5	184 138 46 136	
5	140	315	441 5	166 114 52 140	165	192	466 5	190 139 51 187	
6	145	089	446 5	168 122 46 236	155	327	456 5	179 131 48 235	Total Backsights = + 1684.956 Total Foresights = − 1455.969 Diff. Elev. = +228.987
7	138	109	439 5	162 114 48 284	156	963	457 5	181 131 50 285	
8	143	160	444 5	166 119 47 331	173	683	474 5	197 149 48 333	
9	161	363	462 5	186 136 50 381	~~164~~ 165	077	466 5	189 141 48 381	Backsight stadia = 429 Foresight Stadia = 431 Total Stadia = 860 meters
10	129	467	430 5	153 105 48 429	94	042	395 5	119 69 50 431	
	1684	956			1455	969			
BM 27-31									BM 27-31 (F.C.B.M. 115-228) Ballona Creek at Roosevelt Hwy. See F.B. 1393-25

WEATHER Overcast INST. NO. 96716
TIME 9:55 - 10:35 ROD NO. 9-19
NOTES CHKD [signature] DATE NOV 9 '66

F.B. 3743 PG. 80 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY P. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLP DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-32A TO BM27-33
BM27-32A									BM27-32A Ballona Creek at old P.E. RR See FB 1393-26
1	264	785	565 5	268 260 8	76	268	377 5	80 72 8	
2	196	319	497 5	201 191 10 18	269	238	570 5	275 263 12 20	π Lieber
	461	104			345	506			

BM27-33 (L.A.Co.F.C. BM115-229) Ballona Creek at old P.E. R.R. See F.B. 1393-26

Summation of Run
From B.M. 27-32A
To B.M. 27-33

Total Backsights = + 461.104
Total Foresights = − 345.506
Diff. Elev. = + 115.598

Backsight stadia = 18
Foresight Stadia = 20
Total Stadia = 38 meters

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

SURVEY BY E. L. Brock

NOTES BY K. M. Kapp DATE 10 March 1965

INDEXED C. J. GALLI DATE

WEATHER Hazy - Windy INST. NO. 96716

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

NOTES CHKD [illegible] DATE NOV 19 '65

F.B. 3743 PG. 81

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-33 TO BM 27-32A
BM 27-33									BM 27-33 (FCBM 115-229)
1	297	868	598 5	297 5x2 292 10	229	941	530 5	235 229 12	Ballona Creek at old P.E.R.R.
2	79	969	380 5	83 8 75 18	263	783	564 5	267 259 8 20	See F.B. 1393-26
	377	837			493	724			π M.L. Bustrum
BM 27-32A									BM 27-32 A Ballona Creek at old P.E. R.R. See F.B. 1393-26

Summation of Run
From B.M. 27-33
To B.M. 27-32A

Total Backsights = + 377.837
Total Foresights = − 493.724
Diff. Elev. = − 115.887

Backsight stadia = 18
Foresight Stadia = 20
Total Stadia = 38

WEATHER Overcast INST. NO. 96716
TIME 9:40 – 9:45 ROD NO. 9-19
NOTES CHKD [signature] DATE NOV 19 '65

F.B. 3743 PG. 82 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Mail
SURVEY BY P. E. Brooks NOTES FEB
INDEXED C. J. [illegible] DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-32A TO BM 27-33
BM 27-32A									BM 27-32A Ballona Creek at old R.E.R.R. See F.B. 1393-26
1	264	029	565 5	268 260 8	81	125	382 5	85 76 9	
2	227	910	528 5	232 222 10 18	294	911	595 5	300 288 12 21	
	491	939			376	036			π M.L. Bostrum
BM 27-33									BM 27-33 (L.A.Co.F.C. BM 115-229) Ballona Creek at old P.E.R.R. See F.B. 1393-26

Summation of Run
From B.M. 27-32A
To B.M. 27-33

Total Backsights = + 491.939
Total Foresights = − 376.036
Diff. Elev. = + 115.903

Backsight stadia = 18
Foresight Stadia = 21
Total Stadia = 39 meters

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

SURVEY BY P. E. Brooks

NOTES BY P. E. Brooks DATE 11 March 1965

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716

TIME 9:50 – 9:55 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19

F.B. 3743 PG 52A

F.B. 3743 Pg. 8213 JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED C. J. GALLI DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

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

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

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-33 TO BM27-33A
BM27-33									BM27-33 (F.C. BM 115-229) Ballona Creek at old P.E. R.R.W. See FB 1393-26
1	278 (9)	099	579 (80) 5	301 257 44	113	700	414 5	134 92 42	
2	165	128	466 5	185 145 40 84	142	030	443 5	163 121 42 84	⊼ Lieber
3	103	363	404 5	123 83 40 124	266	599	567 5	286 246 40 124	
4	26	794	327 5	36 15 21 145	293	617	594 5	293 1/2 282 11 22 146	
✗	574	384 ✓			815	946 ✓			
BM 27-33A									BM 27-33A (FCBM 115-229A) Ballona Creek & McConnell Ave. See F.B. 3703-61

Summation of Bar
From B.M. 27-33
To B.M. 27-33A

Total Backsights = + 574.384
Total Foresights = − 815.946
Diff. Elev. = − 241.562

Backsight stadia = 145
Foresight Stadia = 146
Total Stadia = 291 Meters

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

SURVEY BY S. E. Brooks

NOTES BY K. M. Kapp DATE 3-10-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy & Windy INST. NO. 96716

TIME 1:45-2:05 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 PG. 83

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 27-33A TO BM 27-33
BM 27-33A									BM 27-33A (FCBM 115-229A) Ballona Creek & McConnell Ave. See F.B. 3703-61
1	288	973	569 5	298 278 20	22	048	323 5	32 12 20	
2	250	175	551 5	270 230 40 60	87	175	388 5	107 67 40 60	π M.L. Bustrum
3	141	705	442 5	162 120 42 102	175	963	426 5	195 155 40 100	
4	147	377	448 5	168 126 42 144	301	437	602 5	301 279 22x2 44 144	
	828	230			586	623			
BM 27-33									BM 27-33 (FCBM 115-229) Ballona Creek at old P.E. R.R. See F.B. 1393-26

Summation of Bar
From B.M. 27-33A
To B.M. 27-33

Total Backsights = 828.230
Total Foresights = − 586.623
Diff Elev = +241.607

Backsight Stadia = 144
Foresight Stadia = 144
Total Stadia = 288 meters

WEATHER Overcast INST. NO. 96716
TIME 9:25 - 9:35 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '85

F.B. 3743 PG. 84 JOB NO. 0301.02
SURVEY OF E.A. Co. Precise Level Mat
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM27-33A									FROM BM27-33A TO BM27-34
									BM27-33A (F.C. BM 115-229) Ballona Creek & McConnell Ave See FB 3703-61
1	255	849	556 5	274 236 38	79	197	378 5	96 58 38	
2	249	285	550 5	269 229 40 78	65	578	366 5	85 45 40 78	π V.F. Lieber
3	235	446	536 5	256 213 43 121	138	738	439 5	159 117 42 120	
4	150	750	451 5	172 128 44 165	137	629	438 5	158 115 43 163	Summation of Bm From B.M. 27-33A To B.M. 27-34
5	158	450	459 5	181 134 47 212	156	613	457 5	179 133 46 209	
6	171	728	472 5	191 151 40 252	145	584	446 5	167 123 44 257	Total Backsights = + 1896.619 ✓
7	156	477	457 5	176 132 46 298	145	907	446 5	167 123 44 297	Total Foresights = − 1277.275 ✓
8	150	852	451 5	170 129 41 339	188	682	489 5	209 167 42 339	Diff. Elev. = +619.344 ✓
9	174	289	475 5	197 151 46 385	138	148	439 5	160 116 44 387	Backsight stadia = 424 ✓
10	193	493	494 5	212 173 34 424	83	199	384 5	103 63 40 423 ✓	Foresight Stadia = 423 ✓
	1896	619 ✓			1277	275 ✓			Total Stadia = 847 meters
BM27-34									BM27-34 (F.C. BM 115-230) Centinella Ave and Culver Dr. See F.B. 1393-28

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

SURVEY BY F. E. Brooks DATE 10 March 1965 WEATHER Cloudy - Windy INST. NO. 96716

NOTES BY F. E. Brooks DATE 10 March 1965 TIME 2:10 - 3:05 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 PG. 85

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA
BM 27-34								
1	68	489	369 5	87 / 49 38	178	682	479 5	198 / 158 40
2	132	405	433 5	154 / 110 44	166	988	467 5	189 / 143 46
				82				86
3	176	257	477 5	197 / 154 43	162	021	463 5	182 / 142 40
				125				126
4	161	862	462 5	182 / 139 43	148	697	449 5	169 / 126 43
				168				169
5	140	493	441 5	162 / 119 44	182	054	483 5	203 / 161 42
				212				211
6	167	905	468 5	190 / 144 46	155	793	456 5	178 / 132 46
				258				257
7	131	823	432 5	152 / 110 42	158	597	459 5	180 / 136 44
				300				301
8	149	067	450 5	170 / 128 42	240	483	541 5	262 / 218 44
				342				345
9	73	173	374 5	84 / 52 42	235	230	536 5	254 / 216 38
				384				383
10	102	963	403 5	121 / 83 38	295 / ~~294~~	097	596 5	295 / 276 19 38
	~~453~~	~~2589~~		422	1923	647		421
	1304	437						
BM 27-33								

DESCRIPTION AND REMARKS

FROM BM 27-34 TO BM 27-33A

BM 27-34 (F.C. BM. 115-230)
Centinella Ave and
Culver Dr.
See F.B. 1393-28

π BUSTRUM

Summation of [illegible]
From B.M. 27-34
To B.M. 27-33A

Total Backsights = + ~~4532589~~ 1304.437
Total Foresights = − ~~2608942~~ 1923.647
Diff. Elev. = + ~~2608.942~~ − 619.210

Backsight stadia = 422
Foresight Stadia = 421
Total Stadia = 843 METERS

BM 27-33A (F.C. BM 115-229A)
Ballona Creek and
McConnell Ave
See F.B. 3703-61

F.B. 3743 PG. 86 JOB NO. 0301.02
SURVEY OF E.A. Co. Precise Level [illegible]
SURVEY BY J. E. Brooks NOTES R. R. Rodriguez
INDEXED C. J. Gaffey DATE 3-11-65
WEATHER Sunny INST. NO. 96716
TIME 8:45 To 9:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY E.B. BROOKS WEATHER Cloudy INST. NO. 7671

NOTES BY R.R. ROBERTS DATE 6-11-65 TIME 1:00 To 1:35 ROD NO. 1849

INDEXED G. J. [illegible] DATE NOTES CHKD [illegible] DATE NOV 19 65

F.B. 3743 Pg. 97

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM27-34 TO BM27-35
BM27-34									BM27-34 (F.C. BM-115-230) Centinella Ave. & Culver Drive. See FB 1393-28
1	50	365	3515	56 / 44 / 12	182	750	4835	188 / 176 / 12	
2	132	858	4335	157 / 107 / 50	173	433	4745	198 / 148 / 50	
3	170	949	4715	62 / 194 / 146 / 48	163	249	4645	188 / 138 / 50	T BUSTRUM
4	156	645	4575	110 / 161 / 131 / 50	136	085	4375	160 / 112 / 48	
5	168	205	4695	160 / 193 / 143 / 50	138	117	4395	163 / 113 / 50	
6	175	805	4765	210 / 188 / 162 / 26	33	503	3345	26 / 26	
7	177	648	4785	236 / 182 / 172 / 10	176	885	3775	81 / 71 / 10	
	1032	475		246	1004	022		246	
BM 27-35									BM-27-35 (F.C. BM 115-231) Ballona Creek & Inglewood Blvd See F.B. 1393-24

Total Backsights = 1032.475

Total Foresights = − 1004.022

Diff. Elev. = + 28.453

Backsight Stadia = 246

Foresight Stadia = 246

Total Stadia = 492 METERS

Summation of Diff.

From B.M. 27-34

To 27-35

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

408 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-35 TO BM 27-34
BM 27-35									BM 27-35 (FC BM 115-231 BALLONA CREEK & INGLEWOOD BLVD. See F.B. 1393-29
1	81	470	382 5	86 76 10	192	032	493 5	197 187 10	
2	49	882	360 5	62 36 26 36	182	440	483 5	195 169 26 36	
3	146	812	447 5	170 122 48 84	177	340	476 5	202 152 50 86	π K. M. Kapp
4	148	620	449 5	172 124 48 132	168	603	469 5	193 143 50 136	
5	156	802	457 5	181 131 50 182	155	910	456 5	178 132 46 182	
6	168	452	469 5	193 143 50 232	141 ~~142~~	466	442 5	166 116 50 232	
7	197	760	498 5	203 191 12 244	54	941	366 5	65 53 12 244	
	949	798			1078.	254			
BM 27-34									BM 27-34 (F.C. BM 115-230 CENTINELLA AVE & CULVER DRIVE. See F.B. 1393-28

Total Backsights = 949.798

Total Foresights = 1078.254

Diff. Elev. = − 128.456

Backsight stadia = 244

Foresight Stadia = 244

Total Stadia = 488 meters

F.B. 3743 Pg. 88

JOB NO. 03301.02

SURVEY OF L.A. Co. Precise Level Line

SURVEY BY F. E. Brook NOTES FEB

INDEXED C. J. GALLI DATE

WEATHER Clear - Windy INST. NO. 96116

TIME 2:35 - 2:55 ROD NO. 9418

NOTES CHKD. [signature] DATE MAY 19 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-35 TO BM 27-36
BM 27-35									BM 27-35 (F.C. BM 115-231) Ballona Creek & Inglewood Blvd; See FB 1393-29
1	93	770	394 5	104 77 32	201	575	502 5	216 184 34	
2	157	637	458 5	182 132 50 82	146	752	447 5	171 121 50 84	π M.L. Bustrum
3	73	488	374 5	96 50 46 128	270	025	571 5	294 246 48 132	
4	131	052	432 5	143 119 24 152	191	952	492 5	201 181 20 152	
	455	947	✓		810	304	✓		
BM 27-36									BM 27-36 (F.C. BM 116-42) Ballona Creek aprox 0.25 mi El'y of Inglewood Blvd. See F.B. 1393-30

Summation of Bm
From B.M. 27-35
To [illegible] 27-36

Total Backsights = 455.947 ✓
Total Foresights = − 810304 ✓
Diff. Elev. = − 354.357 ✓

Backsight stadia = 152 ✓
Foresight Stadia = 152
Total Stadia = 304 Meters

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

SURVEY BY P. E. Brooks

NOTES BY P. E. Brooks DATE 11 March 1965

INDEXED C. J. GALLI DATE

WEATHER Overcast TIME 1:40 - 1:50

NOTES CHKD [illegible] DATE MAY 19 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3743 Pg. 69

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-36 TO BM 27-35
BM 27-36									BM 27-36 (FCBM 116-42) Ballona Creek aprox 0.25 mi El'y of Inglewood Blvd. See F.B. 1393-30
1	186	770	487 5	197 / 176 22	126	006	427 5	137 / 115 22	
2	263	512	564 5	287 / 239 48 / 70	66	481	367 5	69 / 43 46 / 68	⊼ K.M. kapp
3	155	511	456 5	180 / 130 50 / 120	166	647	467 5	191 / 141 50 / 118	
4	207	028	508 5	224 / 190 34 / 154	99	220	400 5	115 / 83 32 / 150	Summation of [redacted] From B.M. 27-36 To B.M. 27-35
	812	821			458	354			
BM 27-35									BM 27-35 (F.C.BM 115-231) Ballona Creek and Inglewood Blvd. See F.B. 1393-29

Total Backsights = 812.821

Total Foresights = − 458.354

Diff. Elev. = +354.467

Backsight stadia = 154

Foresight Stadia = 150

Total Stadia = 304 meters

WEATHER clear - windy INST. NO. 96716

TIME 2:25 - 2:35 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 19 '65

JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Mgr

SURVEY BY P. E. Brooks NOTES FEB

INDEXED C. J. GALLI DATE

F.B. 3743 PG. 90

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY P. E. Brooks DATE 11 March 1965 TIME 1:55 - 2:45 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE NOV 19 '65

F.B. 3743 Pg. 91

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-36 TO BM 27-37
BM27-36													BM27-36 (F.C.BM-116-42) Ballona Creek, Approx 0.25 Mi E'ly of Inglewood Blvd. See FB 1393-30
1	285	913	586	5	285 260	25x2 50	125	963	426	5	153 98	55	
2	125	087	426	5	152 98	54 104	15	318	316	5	42 15	27x2 54 109	
3	150	758	451	5	172 128	44 148	65	113	366	5	87 43	44 157	
4	174	233	475	5	200 148	52 200	121	068	422	5	145 97	48 201	π M.L. Bustrum 20 min delay to get across F.C. channel.
5	52	259	353	5	67 37	30 230	238	948	539	5	252 224	26 229	
6	102	843	403	5	108 96	12 242	349	595	550	5	255 242	13 242	
~~BM~~	891	093					816	005					
BM27-37													BM27-37 (F.C.B.M 116-43) Ballona Creek and Coolidge Ave

Summation of Bm
From B.M. 27-36
To B.M. 27-37

Total Backsights = 891.093
Total Foresights = 816.005
Diff. Elev. = +75.088

Backsight stadia = See F.B. 1393-31
Foresight Stadia = 242
Total Stadia = 242
484 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 27-37												
1	260	005	561	5	266 / 254	12	112	489	413	5	118 / 106	12
2	249 / 63	792	550	5	263 / 235	28 / 40	63	907	368	5	78 / 48	30 / 42
3	125	906	426	5	150 / 100	50 / 90	178	810	479	5	202 / 154	48 / 90
4	78	616	379	5	122 / 54	48 / 138	223	263	524	5	247 / 199	48 / 138
5	89	862	390	5	112 / 66	46 / 184	169	932	470	5	191 / 147	44 / 182
6	158	023	459	5	189 / 127	62 / 246	288	665	589	5	288 / 261	27 x 2 / 54 / 236
	962	204					1037	066				
BM 27-36												

DESCRIPTION AND REMARKS

FROM BM 27-37 TO BM 27-36

BM 27-37 (F.C. BM 116-43)
Ballona Creek and Coolidge Ave
See F.B. 1393-31

T K.M. Kapp
20 min delay to cross F.C. channel

Summation of Run
From B.M. 27-37
To B.M. 27-36

Total Backsights = 962.204
Total Foresights = − 1037.066
Diff. Elev. = − 74.862

BM 27-36 (F.C. BM. 116-42)
Ballona Creek approx 0.25 mi. E'ly of Inglewood Blvd.
See F.B. 1393-30

Backsight stadia = 246
Foresight Stadia = 236
Total Stadia = 482

WEATHER Clear - windy INST. NO. 9671C
TIME 7:31 - 2:20 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '63

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level No.
SURVEY BY P. B. Brooks NOTES FEB
INDEXED DATE

F.B. 3743 PG. 92

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY P. E. Brooks DATE 11 March 1965 TIME 2:50 - 3:15 ROD NO. 9-19

INDEXED DATE NOTES CHKD [signature] DATE MAY 19 65

F.B. 3743 PG. 93

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 27-37 TO BM 27-38
BM27-37													BM27-37 (F.C. BM 116-43) Ballona Creek & Coolidge Ave. See FB 1393-31
1	239	303	540	5	257 221	36	107	407	408	5	126 88	38	
2	123	941 ~~47~~	424	5	148 98	50 86	28	669	329	5	53 3	50 86	⊼ M.L. Bustrum
3	241	149	542	5	260 222	38 124	149	213	450	5	167 131	36 124	
4	162	583	463	5	186 138	48 172	138	193	439	5	162 114	48 172	
5	167	387	468	5	180 154	26 198	133	340	434	5	146 120	26 198	✓
	934	363 ✓					557	322 ✓					
BM27-38													BM 27-38 (City of L.A. Venice L-1A Culver Dr. and Sawtelle Blvd. see F.B. 1393-32

Summation of Run
From B.M. 27-37
To B.M. 27-38

Total Backsights = + 934.363 ✓
Total Foresights = − 557.322 ✓
Diff. Elev. = + 377.041 ✓

Backsight stadia = 198 ✓
Foresight Stadia = 198 ✓
Total Stadia = 396 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM127-38 TO BM127-37
BM127-38													BM127-38 (city of L.A. Venice L-1A) Culver Dr. and Sautelle Blvd. See F.B. 1393-32
1	140	608	441	5	154 / 122	28	175	150	476	5	188 / 162	26	
2	142	618	443	5	165 / 119	46 / 74	168	050	469	5	192 / 144	48 / 74	π K.M. Kapp
3	160	061	461	5	178 / 142	36 / 110	250	750	551	5	268 / 232	36 / 110	
4	86	872	387	5	161 / 61	50 / 160	182	445	483	5	208 / 156	52 / 162	
5	106	732	407	5	125 / 87	38 / 198	237	545	538	5	255 / 219	36 / 198	
	636	891					1013	940					
BM27-37													BM27-37 (F.C. BM 116-43) Ballona Creek & Coolidge Ave See F.B. 1393-31

Summation of Int.
From B.M. 27-38
To B.M. 27-37

Total Backsights = 636.891
Total Foresights = − 1013.940
Diff. Elev. = −377.049

Backsight stadia = 198
Foresight Stadia = 198
Total Stadia = 396 meters

F.B. 3743 Pg. 94 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Bid
SURVEY BY [illegible] NOTES FEB
INDEXED C. J. GALLI DATE

WEATHER Clear Windy INST. NO. 96716
TIME 1:05 - 1:30 ROD NO. 8-18
NOTES CHKD [illegible] DATE MAY 19 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brooks WEATHER Overcast INST. NO. 48716

NOTES BY R. E. Brooks DATE 12 March 1965 TIME 9:00 ROD NO. 9-14

INDEXED C. J. GALLE DATE NOTES CHKD DATE NOV 19 '65

F.B. 3743 Pg. 95

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-38 TO BM 27-39
BM27-38													BM 27-38 (City of L.A. Venice-1A) Culver Dr. & Jawte Blvd
	174	778	475	5	181 / 166	15	154	650	455	5	141 / 127	14	See FB 1393-32
													π KM Kapp
													BM 27-39 (F.C. BM 11C-44) Ballona Creek and Santell Blvd. See F.B. 1393-32

Summation of Run
From B.M. 27-38
To B.M. 27-39

Total Backsights = 174.778
Total Foresights = 154.650
Diff. Elev. = + 20.128

Backsight stadia = 15
Foresight Stadia = 14
Total Stadia = 29 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-39 TO BM 27-38
BM27-39	158	340	459	5	165 151	14	178	462	479	5	185 171	14	BM 27-39 (F.C. BM 116-44) Ballona Creek and Sawtell Blvd. see F.B. 1393-32
													T K.M. Kapp
BM 27-38													BM 27-38 (City of L.A. Venice L-1A) Culver Dr. and Sawtell Blvd. See F.B. 1393-32

Summation of Bm.
From B.M. 27-39
To B.M. 27-38

Total Backsights = + 158.340
Total Foresights = − 178.462
Diff. Elev. = − 20.122

Backsight stadia = 14
Foresight Stadia = 14
Total Stadia = 28 meters

F.B. 3743 Pg. 96 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Overcast - windy INST. NO. 92766

TIME 11:45 ROD NO. 4-19

NOTES CHKD. [illegible] DATE NOV 19 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-39 TO BM27-40
BM27-39													BM 27-39 (F.C. BM. 116-44) Ballona Creek & Sawtell Blvd See FB 1393-32
1	147	946	446	5	154 140	14	171	800	472	5	178 164	14	
2	156	789	457	5	181 131	50 64	147	950	448	5	172 122	50 64	π K.M. Kapp
3	232	620	533	5	259 205	54 118	151	910	452	5	178 124	54 118	
4	15	470	316	5	38 15	23 46 164	264	190	565	5	287 241	46 164	✓
	553	027	✓				735	850	✓				
BM 27-40													BM 27-40 (F.C. BM 116-45 Ballona Creek and Sepulveda Blvd. See F.B. 1393-33

Summation of Run
From B.M. 27-39
To B.M. 27-40

Total Backsights = + 553.027 ✓
Total Foresights = − 735.850 ✓
Diff. Elev. = − 182.823 ✓

Backsight stadia = 164
Foresight Stadia = 164
Total Stadia = 328 meters

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 96416

NOTES BY P. E. Brooks DATE 12 March 1965 TIME 9:05 - 9:40 ROD NO. 9-19

INDEXED C. J. GALLE DATE NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 97

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-40 TO BM 27-39
BM 27-40													BM 27-40 (F.C. BM 116-45) Ballona Creek and Sepulveda Blvd. See F.B. 1393-33
1	262	818	563	5	285 / 239	46	13	362	314	5	36 / 13	23×2 / 46	
2	150	692	451	5	177 / 123	54 / 100	233	089	534	5	260 / 206	54 / 100	π K. M. Kapp
3	150	782	451	5	175 / 125	50 / 150	159	290	460	5	184 / 134	50 / 150	
4	175	083	476	5	182 / 128	14 / 164	150	820	451	5	157 / 143	14 / 164	
	739	375					556	561					
BM 27-39													BM 27-39 (F.C. B.M. 116-44) Ballona Creek and Sawtell Blvd. See F.B. 1393-32

Summation of Run
From BM. 27-40
To BM. 27-39

Total Backsights = + 739.375
Total Foresights = − 556.561
Diff. Elev. = +182.814

Backsight stadia = 164
Foresight Stadia = 164
Total Stadia = 328 meters

F.B. 3743 Pg. 98

JOB NO. 0301.02

SURVEY OF [illegible] Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED DATE

WEATHER overcast windy INST. NO. 96416

TIME 11:30 – 11:45 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 19 '63

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-40 TO BM27-41
BM27-40													BM27-40 (F.C. BM 116-45) Ballona Creek & Sepulveda Blvd. See FB 1393-33
1	94	300	395	5	119 / 69	50	174	683	475	5	198 / 150	48	
2	258	761	559	5	284 / 232	52 / 102	144	441	445	5	169 / 119	50 / 98	π K.M. Kapp
3	168	393	469	5	168 / 148	40 / 142	154	751	455	5	176 / 132	44 / 142	
	521	454					473	875					
BM27-41													BM 27-41 (F.C. BM 116-46) Ballona Creek on St See F.B 1393-34

Summation of Run
From B.M. 27-40
To B.M. 27-41

Total Backsights = + 521.454
Total Foresights = − 473.875
Diff. Elev. = ~~[illegible]~~ + 47.579

Backsight stadia = 142
Foresight Stadia = 142
Total Stadia = 284 meters

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

SURVEY BY F. E. Brook WEATHER Overcast INST. NO. 96716

NOTES BY F. E. Brook DATE 12 March 1965 TIME 9:25 - 9:35 ROD NO. 9-19

INDEXED DATE NOTES CHKD. [illegible] DATE JUN 19 '65

F.B. 3743 Pg. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Overcast INST. NO. 96716
TIME 9:40 - 4:30 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-41 TO BM 27-40
BM 27-41													BM 27-41 (F.C. BM 116-46 Ballona Creek and Cota St. See F.B. 1343-34
1	158	099	459	5	149 131	42	172	196	493	5	194 150	44	
2	137	265	438	5	162 112	50 92	251	490	552	5	277 224	53 97	X K.M. Kapp
3	186	500	487	5	211 161	50 142	190	100	407	5	135 62	48 145 ✓	
	482	484 ✓					529	854 ✓					
BM 27-40													BM 27-40 (F.C.B.M. 116-45) Ballona Creek and Sepulveda Blvd. See F.B. 1343-33

Summation of Run
From B.M. 27-41
To B.M. 27-40

Total Backsights = + 482.484 ✓
Total Foresights = − 529.854 ✓
Diff. Elev. = − 47.370 ✓

Backsight stadia = 142 ✓
Foresight Stadia = 145 ✓
Total Stadia = 287 meters

F.B. 3743 Pg. 100
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY P. E. Brooks NOTES P. E. Brooks
INDEXED C. J. GALLI DATE
JOB NO. 0301.02

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR C[illegible]ED 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 27-40 TO BM 27-42
BM 27-40									BM 27-40 (F.C. BM 116-45) Ballona Creek and Sepulveda Blvd. See F.B. 1393-33
1	104	950	405 5	124 / 74 50	166	059	467 5	191 / 141 50	
2	187	646	488 5	212 / 162 50 / 100	67	330	368 5	92 / 42 50 / 100	π K.M. Kapp
3	143	573	444 5	169 / 117 52 / 152	176	310	477 5	201 / 157 50 / 150	
4	225	129	526 5	250 / 200 50 / 202	145	040	446 5	172 / 118 54 / 204	
5	102	945	403 5	126 / 78 48 / 250	135	803	436 5	160 / 110 50 / 254	
6	249	398	550 5	275 / 225 52 / 302	109	921	410 5	134 / 84 50 / 304	
7	123	794	424 5	138 / 108 30 / 332	120	936	421 5	135 / 105 30 / 334	
	1137	467			921	401			
BM 27-42									BM 27-42 (F.C. BM 116-47) Ballona Creek near Rhoda Way see F.B. 1393-35

Summation of Run
From B.M. 27-40
To B.M. 27-42

Total Backsights = + 1137.467
Total Foresights = − 921.401
Diff. Elev. = + 216.066

Backsight stadia = 332
Foresight Stadia = 334
Total Stadia = 666 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 12 March 1965

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 96766

TIME 9:55 - 10:45 ROD NO. 9-19

NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3143 PG. 101

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-42 TO BM 27-40
BM 27-42									BM 27-42 (F.C. B.M. 116-47) Ballona Creek near Rhoda Way See F.B. 1393-35
1	112	061	413 5	127 97 30	118	361	419 5	133 103 30	
2	119	488	420 5	144 94 50 80	242	630	543 5	267 217 50 80	K. M. Kepp
3	132	653	433 5	157 107 50 130	115	716	416 5	139 91 48 128	
4	154	930	455 5	180 128 52 182	224	630	525 5	249 199 50 178	
5	167	251	468 5	192 142 50 232	129	250	430 5	156 102 54 232	
6	53	652	354 5	78 28 50 282	176	040	477 5	200 152 48 280	
7	146	752	447 5	171 121 50 332	96	401	397 5	121 71 50 330	
	886	787			1103	028			
BM 27-40									BM 27-40 (F.C. B.M. 116-45) Ballona Creek and Sepulveda Blvd. See F.B. 1393-33

Summation of Run
From B.M. 27-42
To B.M. 27-40

Total Backsights = + 886.787
Total Foresights = − 1103.028
Diff. Elev. = − 216.241

Backsight stadia = 332
Foresight Stadia = 330
Total Stadia = 662 meters

WEATHER overcast INST. NO. 96716
TIME 11:00 - 11:20 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '63

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F. E. Brooks
INDEXED C. J. GALLI DATE

F.B. 3743 PG. 102

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 96716

NOTES BY P. E. Brooks DATE 12 March 1965 TIME 10:20 – 10:30 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 103

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM 27-42 TO BM 27-43
BM 27-42													BM 27-42 (F.C. BM 116-47) Ballona Creek near Rhoda way. See FB 1393-35
1	70	951	371	5	95 45	50	100	453	401	5	124 76	48	
2	169	280	470	5	195 143	52 102	89	340	390	5	115 63	52 100	
3	267	562	568	5	288 246	42 144	42	692	343	5	64 26	44 144	⊼ K. M. Kopp
4	160	130	462	5	178 144	34 178	41	121	342	5	57 25	32 176	
	668	923					273	806					
BM 27-43													BM 27-43 (F.C. BM 116-48) Ballona Creek and Overland Ave See F.B. 1393-36

Summation of Par
From B.M. 27-42
To B.M. 27-43

Total Backsights = + 668.923
Total Foresights = − 273.806
Diff. Elev. = + 395.117

Backsight stadia = 178
Foresight Stadia = 176
Total Stadia = 354 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-43 TO BM 27-42
BM 27-43													BM 27-43 (F.C. BM 116-48) Ballona Creek and Overland Ave See F.B. 1393-36
1	44	015	345	5	60 28	32	162	009	463	5	179 145	34	
2	42	152	343	5	64 20	44 76	268	214	569	5	289 247	42 76	π K.M. Kapp
3	83	023	384	5	109 57	52 128	162	838	463	5	188 136	52 128	
4	90	780	391	5	114 66	48 176	61	972	362	5	86 36	50 178	
	259	970					655	038					
BM 27-42													BM 27-42 (F.C. BM 116-47) Ballona Creek near Rhoda Way See F.B. 1393-35

Summation of Bm
From B.M. 27-43
To B.M. 27-42

Total Backsights = + 259.970
Total Foresights = − 655.038
Diff. Elev. = − 395.068

Backsight stadia = 176
Foresight Stadia = 178
Total Stadia = 354 meters

F.B. 3743 Pg. 104 JOB NO. 03-1102
SURVEY OF S.A. Co. Precise Level Mtd
SURVEY BY F. E. Brooks NOTES F. E. Brooks
INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 96716
TIME 10:45 - 11:00 ROD NO. 9-19
NOTES CHKD. [signature] DATE JUN 19 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-43 TO BM 27-44
BM 27-43	281	675	582	5	285 277	8	206	387	507	5	210 202	8	BM 27-43 (F.C. BM 116-48) Ballona Creek & Overland Ave. See FB 1393-36
													⊼ K.M. Kapp
BM 27-44													BM 27-44 (F.C. BM 116-49) Ballona Creek and Overland Ave See F.B. 1393-36
													Summation of No. From B.M. 27-43 To B.M. 27-44
													Total Backsights = + 281.675
													Total Foresights = − 206.387
													Diff. Elev. = + 75.288
													Backsight stadia = 8
													Foresight Stadia = 8
													Total Stadia = 16

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

SURVEY BY E. E. Brooks WEATHER overcast INST. NO. 26716

NOTES BY E. E. Brooks DATE 12 March 1965 TIME 9:35 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE MAY 19 65

F.B. 3743 Pg. 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-44 TO BM 27-43
BM 27-44													BM 27-44 (F.C. BM 116-49) Ballona Creek and Overland Ave
	204	860	505	5	208 204	8	280	148	581	5	284 276	8	See F.B. 1393-36
													T K M Kapp
BM 27-43													BM 27-43 (F.C. BM 116-48) Ballona Creek and Overland Ave See F.B. 1393-36
													Summation of Run From B.M. To B.M.
													Total Backsights = + 204.860 ✓
													Total Foresights = − 280.148 ✓
													Diff. Elev. = − 75.288
													Backsight stadia = 8
													Foresight Stadia = 8
													Total Stadia = 16

F.B. 3743 PG. 106

JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY R. E. Brooks NOTES R. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Over East INST. NO. 96716

TIME 10:45 ROD NO. 4-19

NOTES CHKD [illegible] DATE MAY 19 '63

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-44 TO BM27-45
BM27-44									BM 27-44 (F.C. BM 116-49) Ballona Creek & Overland Ave See FB 1393-36
1	195	609	496 5	225 165 60	212	939	513 5	241 183 58	
2	142	543	443 5	168 116 52 112	160	099	461 5	187 133 54 112	π Bustrum
3	133	461	434 5	156 110 46 158	174	047	475 5	198 150 48 160	
4	146	421	447 5	162 130 32 190	162	227	463 5	177 147 30 190	
5	141	819	442 5	158 124 34 224	212	533	513 5	228 195 33 223	
	759	853			921	845			
BM 27-45									BM 27-45 (City of L.A. Hollywood A-12A) Overland Ave. & Jefferson Blvd. See F.B. 1393-37

Summation of Run
From B.M. 27-44
To B.M. 27-45

Total Backsights = 759.853
Total Foresights = − 921.845
Diff. Elev. = −161.992

Backsight stadia = 224
Foresight Stadia = 223
Total Stadia = 447 Meters

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

SURVEY BY E. C. Brooks

NOTES BY K. M. Kapp DATE 3-15-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy

TIME 9:00 - 9:20

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9-19

DATE [illegible] 19 '65

F.B. 3743 Pg. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 108 JOB NO. 03 01 02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY P. E. Brooks NOTES K. LIEBER

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 1:40-2:15 ROD NO. 9-19

NOTES CHKD. DATE MAY 19 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-45 TO BM 27-44
BM 27-45													BM 27-45 (Hollywood 4-12A City of L.A.)
1	218	805	519	5	234 202	32	146 ~~515~~	515 ~~447~~	447 ~~81~~	5 ~~5~~	163 129	34	Overland Ave. & Jefferson Blvd. See F.B. 1393-37
2	163	703	464	5	178 148	30	146	885	447	5	162 130	32	
3	179	688	480	5	203 155	62 48	142	213	443	5	165 119	64 46	6 T KAPP
4	166	870	467	5	192 140	110 52	149	039	450	5	125 123	110 52	2
5	217	691	518	5	246 188	162 58	200	158	501	5	230 170	162 60	4 ✓
	946	757				220	784	810				224	4
BM 27-44													BM 27-44 (FCBM 116-49) Ballona Creek & Overland Ave. See F.B. 1393-36

Summation of Elev. From B.M. 27-45 To B.M. 27-44

Total Backsights = 946 757 ✓

Total Foresights = 784 810

Diff. Elev. = + 161 947 ✓

Backsight Stadia = 220 ✓

Foresight Stadia = 224 ✓

Total Stadia = 444 ✓

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 9K716

NOTES BY P. E. Brooks DATE 15 March 1965 TIME 9:25-9:55 ROD NO. 9-18

INDEXED C. J. GALLI DATE NOTES CHKD DATE JUN 19 '65

F.B. 3743 Pg. 109

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-45 TO BM27-46
BM27-45													BM27-45 (City of L.A. Hollywood A-12A Overland Ave & Jefferson Blvd. See FB 1393-37
1	232	579	533	5	250 214	36	129	157	430	5	147 111	36	
2	173	767	474	5	199 147	52 88	110	649	411	5	135 85	50 86	π M.L. Bustrum
3	191	409	492	5	214 168	46 134	137	169	438	5	162 112	50 136	
4	192	795	493	5	216 168	48 162	122	453	423	5	146 98	48 184	
5	177	981	478	5	201 153	48 230	135	211	436	5	160 110	50 234	
6	181	387	482	5	204 158	46 276	131	305	432	5	153 109	44 278	
7	167	638	468	5	180 154	26 302	165	785	466	5	179 151	28 306	
	1317	572					931	729					
BM27-46													BM 27-46 (City of L.A. Hollywood B-11) Jefferson Blvd aprox 0.4 mile E. of Overland Ave See F.B. 1393-38

Summation of Sur...
From B.M. 27-45
To B.M. 27-46

Total Backsights = + 1317.572
Total Foresights = − 931.729
Diff. Elev. = +385.843

Backsight Stadia = 302
Foresight Stadia = 306
Total Stadia = 608 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. B. Brook NOTES F.B.

INDEXED C. J. GALLE DATE

WEATHER Clear INST. NO. 96716

TIME 1:15 - 1:35 ROD NO. 9-19

NOTES CHKS: [illegible] DATE NOV 19 '65

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left		BACKSIGHT Stadia		FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left		FORESIGHT Stadia	
BM 27-46												
1	173	866	474	5	197 161	36	178	839	479	5	191 165	26
2	133	397	434	5	156 110	46 72	180	198	481	5	202 158	44 70
3	136	160	439	5	163 113	50 122	182	817	483	5	206 158	48 118
4	140	690	441	5	164 116	48 170	209	356	516	5	233 185	48 166
5	146	292	447	5	169 123	46 216	198	690	499	5	222 174	48 212
6	120	999	421	5	145 95	50 266	185	757	486	5	211 159	52 266
7	135	470	436	5	153 117	36 302	239	159	540	5	257 221	36 302
	988	874					1374	816				
BM 27-45												

DESCRIPTION AND REMARKS

FROM BM 27-46 TO BM 27-45

BM 27-46 (city of L.A. Hollywood B-11) Jefferson Blvd upon 0.4 mile E. of Overland Ave See F.B. 1393-38

T K. M. Kapp

Summation of
From B.M. 27-46
To B.M. 27-45

Total Backsights = 988.874
Total Foresights = 1374.816
Diff. Elev. = -385.942

Backsight stadia = 302
Foresight Stadia = 302
Total Stadia = 604 meters

BM 27-45 (city of L.A. Hollywood A-12A) Overland Ave and Jefferson Blvd. See F.B. 1393-37

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brock WEATHER Cloudy INST. NO. 86716

NOTES BY K. M. Kepp DATE 3-15-65 TIME 9:55-10:20 ROD NO. 2-12

INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 19 '65

F.B. 3743 Pg. 111

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-46 TO BM 27-47
BM 27-46													BM 27-46 (City of L.A. Hollywood B-11) Jefferson Blvd. Approx 0.4 mi N.E. of Overland Ave.
1	209	901	510	5	230 188	42	112	901	413	5	132 92	40	See FB 1393-38
2	199	650	500	5	222 176	46 88	100	448	401	5	125 75	50 90	
3	213	711	514	5	138 188	50 138	97	509	398	5	123 71	52 142	T Bustrum
4	233	952	534	5	259 207	52 190	82	952	383	5	107 57	50 192	
5	243	683	544	5	269 217	52 242	66	928	367		93 1/2 66	27 54 246	
	1101	097					460	738					
BM 27-47													BM 27-47 (Hollywood B-11A) (L.A. City) Jefferson Blvd. & Leahy St. See F.B. 3703-89

Summation of Elev.
From B.M. 27-46
To B.M. 27-47

Total Backsights = 1101.097
Total Foresights = 460.738
Diff. Elev. = +640.359

Backsight stadia = 242
Foresight Stadia = 246
Total Stadia = 488 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3793 Pg. 112 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Line | SURVEY BY F.E. Brock | NOTES F.E.B. | INDEXED C. J. GALLI | DATE

WEATHER Clear | TIME 12:55-1:15 | NOTES CHKD | INST. NO. 56716 | ROD NO. 9-19 | DATE NOV 19 '65

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-47 TO BM 27-46
BM 27-47													BM 27-47 (Hollywood B-11A) (L.A. City) Jefferson Blvd. & Leahy St. See F.B. 3703-89
1	74	128	375	5	102 46	56	251	065	552	5	277 225	52	
2	86	830	387	5	112 60	52 108	247	130	548	5	272 222	50 102	↑ K. M. Kapp.
3	116	040	417	5	140 92	48 156	216	100	517	5	242 190	52 154	
4	94	515	400	5	123 75	48 204	204	788	505	5	227 181	46 200	
5	120	710	421	5	140 100	40 244	218	080	519	5	240 196	44 244	
	497	223	✓				1137	765	✓				
BM 27-46													BM 27-46 (Hollywood B-11) (City of L.A.) Jefferson Blvd. & Approx. 0.4 mi. N.E. of Overland Ave. See F.B. 1393-38

Summation of Elev.
From B.M. 27-47
To B.M. 27-46

Total Backsights = 497.223
Total Foresights = −1137.763
Diff. Elev. = −640.540

Backsight stadia = 244
Foresight Stadia = 244
Total Stadia = 488 meters

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Overcast INST. NO. 22776

NOTES BY F. E. Brooks DATE 15 March 1965 TIME 8:25 - 11:15 ROD NO. 2-14

INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 19 '65

F.B. 3714 Pg. 113

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-47 TO BM 27-48
BM 27-47													BM 27-47 (City of L.A. Hatch Bolt 13 (A)) Jefferson Blvd & Lesley St. See FB 3703-89
1	252	925	553	5	274 230	44	77	667	378	5	98 55	43	
2	174	215	475	5	197 151	46 90	200	217	501	5	225 175	50 93	π M. L. Bustrum
3	97	636	378	5	121 73	48 138	236	273	537	5	262 210	52 145	
4	101	660	402	5	125 77	48 186	180	515	481	5	201 158	43 188	Summation of Rev. From B.M. 27-47 To B.M. 27-48
5	161	279	482	5	205 157	48 234	80	278	361	5	103 57	46 234	
6	208	151	509	5	232 184	48 282	75	569	376	5	100 60	50 284	Total Backsights = + 1889.178
7	195	669	496	5	220 170	50 332	162	623	463	5	187 137	50 334	Total Foresights = − 2182.173 Diff. Elev. = −292.995
8	77	425	378	5	100 54	46 378	230	649	531	5	254 206	48 382	
9	5	668	306	5	28 5	23 46 424	215	907	516	5	237 193	44 426	Backsight stadia = 556 Foresight Stadia = 554 Total Stadia = 1110 meters
10	161	873	462	5	184 138	46 470	147	963	448	5	168 126	42 468	
11	157	888	458	5	181 133	48 518	138	547	439	5	162 114	48 516	BM 27-48 Jefferson Blvd. and Hetzler Rd. See F.B. 1393-40
12	156	159	457	5	172 140	32 550	133	995	434	5	149 117	32 548	
13	118	008	419	5	121 115	6 556	1301	770	502	5	301 296	32 6 554	
BM 27-48	1889	178					2182	173					BM 27-48

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-48 TO BM 27-47
BM 27-48													BM 27-48
1	293	013	594	5	296 / 290	6	109	320	410	5	111 / 107	4	Jefferson Blvd and Hetzler Rd.
2	130	943	431	5	146 / 114	32	152	762	453	5	168 / 136	32	See F.B. 1393-40
3	146	093	447	5	170 / 122	38 / 48	161	192	462	5	186 / 136	36 / 50	π Kapp
4	149	350	450	5	171 / 127	86 / 44	167	680	468	5	190 / 144	86 / 46	Summation of [illegible] From B.M. 27-48 To B.M. 27-47
5	222	380	523	5	245 / 199	130 / 46	25	445	326	5	47 / 3	132 / 44	
6	244	828	545	5	268 / 220	176 / 48	87	239	388	5	110 / 64	176 / 46	Total Backsights = + 2255109 ✓
7	179	992	480	5	204 / 154	224 / 50	204	240	505	5	229 / 179	222 / 50	Total Foresights = − 1962222 ✓
8	82	950	383	5	107 / 57	274 / 50	207	562	508	5	231 / 183	272 / 48	Diff. Elev. = + 292887 ✓
9	93	200	394	5	115 / 71	324 / 44	197	440	498	5	219 / 175	320 / 44	Backsight stadia = 556 ✓
10	187	711	488	5	211 / 163	368 / 48	114	711	415	5	137 / 91	364 / 46	Foresight Stadia = 556 ✓
11	239	436	540	5	264 / 214	416 / 50	90	750	391	5	116 / 64	410 / 52	Total Stadia = 1112 ✓
12	190	603	491	5	213 / 167	466 / 46	182	431	483	5	207 / 157	462 / 50	BM 27-47 (City of L.A. Hollywood B11A) Jefferson Blvd and Leahy St. See F.B. 3703-89
13	94	610	395	5	116 / 72	572 / 44	261	450	562	5	283 / 239	512 / 44	
BM 27-47	2255109 ✓					556	1,962,222 ✓					556	BM 2747

F.B. 3743 PG. 114

SURVEY OF L.A. Co. Precise Level

SURVEY BY P. E. [illegible] NOTES V. Lieber

INDEXED C. I. GALLI DATE

JOB NO. 0301.02

WEATHER Cloudy INST. NO. 96716

TIME 10:45-11:45 ROD NO. 9-18

NOTES CHKD [illegible] DATE MAY 19 85

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
BM 27-48													BM 27-48 Jefferson Blvd & Hetzler Rd. See FB 1393-40
1	295	682	596	5	298 242	6	111	879	412	5	114 108	6	
2	151	145	452	5	176 126	50 56	131	653	432	5	156 106	50 56	T Bustrum
3	170	317	471	5	193 147	46 102	140	123	441	5	163 117	46 102	
4	156	867	457	5	179 133	46 148	154	593	455	5	177 131	46 148	Summation of Elev. From B.M. 27-48 To B.M. 27-49
5	163	232	464	5	187 139	48 196	129	372	430	5	152 105	47 195	
6	166	283	467	5	188 144	44 240	92	205	393	5	114 70	44 239	Total Backsights = 1559.540 ✓ Total Foresights = 997.027 ✓ Diff. Elev. = +562.513 ✓
7	211	613	512	5	231 191	40 280	80	819	381	5	100 59	41 280	
8	244	381	545	5	266 222	44 324	156	381	457	5	178 134	44 324	Backsight Stadia = 324 ✓ Foresight Stadia = 324 ✓ Total Stadia = 648 meters
	1559	540					997	027					
BM 27-49													BM 27-49 (Hollywood C-108 City of L.A.) Rideo Rd. & Lenawee Ave. See F.B. 1393-41

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

SURVEY BY P. E. Brock WEATHER Cloudy INST. NO. 96716

NOTES BY X.M. Kapp DATE 3-15-65 TIME 11:20-12:05 ROD NO. 2-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAY 19 '65

F.B. 1393 Pg. 115

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-49 TO BM 27-48
BM 27-49													BM 27-49 (Hollywood C-108) (City of L.A.) Rodeo Rd. & Lenawee Ave. See F.B. 1393-41
1	161	034	462	5	183 / 139	44	249	100	550	5	271 / 227	44	
2	97	969	398	5	117 / 77	40 / 84	229	310	530	5	250 / 208	42 / 86	T K.M. Kapp
3	166	395	467	5	192 / 140	52 / 136	238	853	539	5	266 / 210	56 / 142	
4	136	975	437	5	161 / 111	50 / 186	171	420	472	5	193 / 149	44 / 186	Summation of Run From B.M. 27-49 To B.M. 27-48
5	143	470	444	5	166 / 120	46 / 232	145	640	446	5	168 / 122	46 / 232	
6	147	037	448	5	170 / 124	46 / 278	174	261	475	5	197 / 151	46 / 278	Total Backsights = + 1106.825 ✓
7	143	647	444	5	168 / 118	50 / 328	166	570	467	5	190 / 142	48 / 326	Total Foresights = − 1669.144 ✓
8	110	298	411	5	112 / 108	4 / 332	293	990	594	5	296 / 290	6 / 332	Diff. Elev. = − 562.319 ✓
	1106	825					1669	144					Backsight stadia = 332 ✓
													Foresight Stadia = 332 ✓
													Total Stadia = 664 meters
BM 27-48													BM 27-48 Jefferson Blvd. & Hetzler Rd. See F.B. 1393-40

WEATHER Overcast INST. NO. 96716
TIME 10:15-10:40 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 19 '65

F.B. 3749 PG. 116 JOB NO. 0301.02
SURVEY OF B.A. Co. Precise Level Net
SURVEY BY P. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 2491C

NOTES BY P. E. Brooks DATE 15 March 1965 TIME 12:15 - 12:45 ROD NO. 9-18

INDEXED C. J. GALLE DATE NOTES CHKD. DATE MAR 19 '65

F.B. 3743 Pg. 117

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													From BM 27-49 To BM 27-50B
BM 27-49													BM 27-49 (City of L.A. Hdqwd C40-B) Rodeo Rd & Lenawee Ave. See FB 1393-41
1	223	345	524	5	243 203	40	130	160	431	5	150 110	40	
2	162	767	463	5	167 117	50 90	127	681	428	5	152 102	50 90	T M. L. Bostrom
3	172	773	473	5	192 152	40 130	128	763	429	5	150 106	44 134	
4	172	396	473	5	192 152	40 170	173	669	474	5	191 155	36 170	
	731	283					560	275					
BM 27-50B													BM 27-50 B (L.A. City) Rodeo Rd and La Cienega Blvd. See F.B. 3703-95

Summation of Elev.
From B.M. 27-49
To B.M. 27-50B

Total Backsights = 731.283
Total Foresights = − 560.275
Diff. Elev. = +171.008

Backsight stadia = 176
Foresight Stadia = 176
Total Stadia = 340 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-50B TO BM27-49
BM27-50B													BM 27-50B (L.A. City) Rodeo Rd. and La Cienega Blvd. See F.B. 3703-95
1	181	115	482	5	200 162	38	180	560	481	5	198 162	36	
2	136	218	437	5	158 114	44 82	179	160	480	5	200 158	42 78	π K.M. Kapp
3	137	134	438	5	161 113	48 130	172	568	473	5	198 146	52 130	
4	139	392	440	5	159 119	40 170	232	568	533	5	252 212	40 170	
	593	859					764	856					
BM27-49													BM 27-49 (City [illegible] Hollywood C-10B) Rodeo Rd. and Lenawee Ave. See F.B. 1393-41

Summation of Run
From B.M. 27-50 B
To B.M. 27-49

Total Backsights = + 593.859
Total Foresights = − 764.856
Diff. Elev. = −170.997

Backsight stadia = 170
Foresight Stadia = 170
Total Stadia = 340 meters

F.B. 3743 PG. 118

SURVEY OF L.A. Co. Precise Level Bm

SURVEY BY P. E. Brooks NOTES FEB

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER overcast INST. NO. 96716

TIME 10:00-10:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 19 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Cloudy INST. NO. 9E71C

NOTES BY K. M. KAPP DATE 3-15-65 TIME 2:00-2:30 ROD NO. 2-19

INDEXED C. J. GALLA DATE NOTES CHKD DATE MAY 19 '65

F.B. 3743 Pg. 119

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia	
BM 27-50B												
1	196	855	497	5	215 177	38	142	235	443	5	161 123	38
2	156	282	457	5	181 131	50 88	138	668	439	5	165 111	54 92
3	163	323	464	5	189 142	42 130	151	513	452	5	171 131	40 132
4	153	720	454	5	177 129	48 178	150	988	451	5	175 125	50 182
5	173	157	474	5	197 149	48 226	142	265	443	5	166 118	48 230
6	153	943	454	5	172 134	42 268	140	989	441	5	158 122	36 266
7	130	597	431	5	150 110	40 308	149	823	450	5	168 130	38 304
	1127	877	✓				1016	481	✓			
BM 27-51												

DESCRIPTION AND REMARKS

From BM 27-50B To BM 27-51

BM 27-50 B (L.A. City)
Rodeo Rd & La Cienega Blvd.
See FB 3703-95

T Bustrum

Summarize of Run
From B.M. 27-50 B
To B.M. 27-51

Total Backsights = 1127.877 ✓
Total Foresights = − 1016.481 ✓
Diff. Elev − +111.396 ✓

Backsight stadia = 308 ✓
Foresight Stadia = 304 ✓
Total Stadia = 612 Meters

BM 27-51 (Hollywood E-10 City of L.A.)
Rodeo Rd. & Hauser Blvd.
See F.B. 1393-43

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-51 TO BM 27-50B
BM 27-51													BM 27-51 (Hollywood E-10 City of L.A.) Rodeo Rd. & Hauser Blvd. See F.B. 1393-43
1	180	708	481	5	200 / 160	40	165	439	466	5	184 / 146	38	
2	154	630	455	5	173 / 135	38	166	642	467	5	184 / 148	36	
3	155	293	456	5	178 / 132	78 / 46	170	889	471	5	195 / 145	74 / 50	π K. Kapp
4	147	790	448	5	172 / 122	124 / 50	155	978	456	5	179 / 131	124 / 48	Summation of Run From B.M. 27-51 To B.M. 27-50B
5	151	295	452	5	171 / 131	174 / 40	169	770	470	5	190 / 148	172 / 42	
6	147	990	448	5	174 / 120	214 / 54	165	918	466	5	190 / 140	214 / 50	Total Backsights = 1092648
7	154	942	455	5	172 / 136	268 / 36	209	178	510	5	229 / 189	264 / 40	Total Foresights = -1203814
	1092	648				304	1203	814				304	Diff. Elev. = -111.166
													Backsight stadia = 304
													Foresight Stadia = 304
													Total Stadia = 608
BM 27-50B													BM 27-50B (L.A. City) Rodeo Rd. & La Cienega Blvd. See F.B. 3703-95

WEATHER Cloudy INST. NO. 96716
TIME 9:30 - 10:05 ROD NO. 9-19
NOTES CHKD. [illegible] DATE NOV 19 '65

F.B. 3743 PG. 120 JOB NO. 0301.02
SURVEY OF B.A. Co. Precise Level Bld.
SURVEY BY P. E. Brown NOTES V. Lieber
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brock WEATHER Overcast INST. NO. 22416

NOTES BY F. E. Brock DATE 15 March 1966 TIME 2:30 - 3:00 ROD NO. 4-14

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAY 19 '68

F.B. 3743 Pg. 141

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-51 TO BM 27-52
BM 27-51													BM 27-51 (City of L.A. Hollywood E10) Rodeo Rd. & Hauser Blvd. See FB 1393-43
1	180	631	481	5	202 158	44	142	855	443	5	165 118	47	
2	158	471	459	5	182 134	48 92	139	425	440	5	162 116	46 93	
3	151	279	452	5	176 126	50 142	154	137	455	5	179 129	50 143	π M.L. Bustum
4	176	243	471	5	193 147	46 188	159	673	460	5	183 135	48 191	
5	176	069	477	5	203 144	59 242	141	675	442	5	166 115	51 242	
6	160	593	461	5	185 135	50 242	140	095	441	5	166 114	52 294	
7	145	319	446	5	157 133	24 318	172	093	443	5	184 160	24 318	
	1142	605					1050	353					
BM 27-52													BM 27-52 (City of L.A. Hollywood F-10) Rodeo Rd. and Redondo Blvd. See FB. 1393-44

Summation of [illegible]
From B.M. 27-51
To B.M. 27-52

Total Backsights = 1142.605
Total Foresights = 1050.353
Diff. Elev. = +92.252

Backsight stadia = 316
Foresight Stadia = 318
Total Stadia = 634 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

INST. NO. 96-716 ROD NO. 9-19 DATE MAY 19 '65

WEATHER Clear TIME 9:00 - 9:20 NOTES CHKD. [illegible]

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-52 TO BM 27-51
BM 27-52													BM 27-52 (City of L.A. Hollywood F-10) Rodeo Rd and Redondo Blvd. See F.B. 1393-44
1	182	328	483	5	194 / 170	24	155	900	456	5	167 / 143	24	
2	144	631	445	5	170 / 118	52 / 76	165	557	466	5	190 / 140	50 / 74	T K.M. Kapp
3	153	530	454	5	180 / 126	54 / 130	187 / ~~165~~	545	486	5	213 / 161	52 / 126	
4	170	660	471	5	194 / 147	47 / 177	180	220	481	5	204 / 166	48 / 174	
5	168	380	469	5	192 / 144	48 / 225	165	248	466	5	190 / 140	50 / 224	
6	149	466	450	5	172 / 126	46 / 271	169	599	470	5	192 / 146	46 / 270	
7	153	886	454	5	176 / 130	46 / 317	190	578	491	5	212 / 168	44 / 314	
	1122	901					1214	947					
BM 27-51													BM 27-51 (City of L.A. Hollywood E-10) Rodeo Rd. and Hauser Blvd. See F.B. 1393-43

Summaries of Elev. From B.M. 27-52 To B.M. 27-51

Total Backsights = 1122.901

Total Foresights = 1214.947

Diff. Elev. = -92.046

Backsight Stadia = 317

Foresight Stadia = 314

Total Stadia = 631 meters

F.B. 3749 PG. 122 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Line

SURVEY BY F. E. Brooks NOTES F.B.

INDEXED C. J. GATTI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY P. E. Brooks

NOTES BY K. M. Kapp DATE 3-15-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy

TIME 3:00 - 3:15

NOTES CHKD [illegible] DATE MAY 19 '65

INST. NO. 96716

ROD NO. 9-19

F.B. 3743 Pg. 123

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM27-52 TO BM27-53
BM27-52									BM27-52 (City of L.A. Hollywood F10) Rodeo Rd. & Redondo Blvd. See FB 1393-44
1	179	655	480 5	195 / 163 32	144	299	445 5	160 / 128 32	
2	158	715	459 5	180 / 134 46 / 78	138	675	439 5	160 / 115 45 / 77	T Bustrum
3	139	545	440 5	165 / 113 52 / 130	206	709	507 5	232 / 179 53 / 130	
4	108	685	409 5	126 / 90 36 / 166	219	223	520 5	237 / 201 36 / 166	
	586	606			708	906			
BM 27-53									BM 27-53 (Hollywood F-10A City of L.A.) Rodeo Rd. & La Brea Ave. See F.B. 3703-101

Summation of Air
From B.M. 27-52
To B.M. 27-53

Total Backsights = 586.600
Total Foresights = 708.906
Diff. Elev. = -122.306

Backsight stadia = 166
Foresight Stadia = 166
Total Stadia = 332 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-53 TO BM 27-52
BM 27-53													BM 27-53 (Hollywood F-10A) City of L.A. Rodeo Rd. & La Brea Ave. See F.B.
1	228	980	529	5	246 210	36	117	563	418	5	135 99	34	
2	205	120	506	5	232 178	54 90	138	792	439	5	164 112	52 86	T N Kepp
3	150	570	451	5	172 128	44	170	931	471	5	193 147	46	
4	149	246	450	5	165 133	134 32	184	540	485	5	200 168	132 32	
	~~732~~ 733	916				166	~~609~~ 611	826				164	
BM 27-52													BM 27-52 (Hollywood F-10) City of L.A. Rodeo Rd. & Redondo Blvd. See F.B. 1393-44

Summation of [illegible]
From B.M. 27-53
To B.M. 27-52

Total Backsights = ~~[illegible]~~ 733.916
Total Foresights = ~~[illegible]~~ 611.826
Diff. Elev. = ~~[illegible]~~ +122.090

Backsight Stadia = 166
Foresight Stadia = 164
Total Stadia = 330

WEATHER Cloudy INST. NO. 96716
TIME 8:40 AM 8:55 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 PG. 124 JOB NO. 0301.02
SURVEY OF [illegible] Pacific Land [illegible]
SURVEY BY [illegible] NOTES [illegible] Lieber
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA
BM27-53								
1	188	625	489 5	205 171 24	147	528	448 5	163 131 32
2	132	805	433 5	158 106 52	146	178	447 5	169 123 46
3	159	448	460 5	182 136 46	138	208	439 5	163 113 50
4	168	151	469 5	186 150 36	157	802	458 5	173 142 32
5	146	727	447 5	170 122 48	159	303	460 5	184 134 50
6	138	587	439 5	164 112 52	154	233	455 5	179 129 50
7	143	003	444 5	168 118 50	161	940	462 5	184 138 46
8	142	865	443 5	167 117 50	160	621	461 5	184 136 48
9	147	077	448 5	170 124 46	132	883	433 5	156 108 48
10	164	878	465 5	189 139 50	140	813	441 5	165 115 50
11	158	754	459 5	176 140 36	141	687	442 5	159 123 36
12	166	572	467 5	181 151 30	180	729	481 5	196 164 32
	1857	497		520	1821	925		520
BM 27-54								

DESCRIPTION AND REMARKS

FROM BM27-53 TO BM27-54

BM27-53 City of LA. Hollywood F10A.
Rodeo Rd. & La Brea
See FB. 3703-101

π BUSTRUM

Summation of Run
From B.M. 27-53
To B.M. 27-54

Total Backsights = 1857,497
Total Foresights = − 1821,925
Diff. Elev. = + 35,572

Backsight stadia = 520
Foresight Stadia = 520
Total Stadia = 1040 METERS

B.M. 27-54
SANTA BARBARA & CALLISEUM ST
See F.B. 1393-46

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

SURVEY BY F.E. BROOKS

NOTES BY F.E. BROOKS DATE 17 March 65

INDEXED C. J. CALLE DATE

WEATHER SUNNY

TIME 8:40 TO 9:30

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9469

DATE MAY 19 65

F.B. 3763 Pg. 125

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 27-54												
1	185	997	486	5	201 / 169	32	170	408	471	5	185 / 155	30
2	147	125	448	5	165 / 129	36	165	887	466	5	163 / 141	36
3	145	381	446	5	170 / 120	68 / 50	170	632	471	5	195 / 145	66 / 50
4	139	115	440	5	163 / 115	118 / 48	146	484	447	5	169 / 123	116 / 46
5	163	153	464	5	187 / 139	166 / 48	152	184	453	5	177 / 127	162 / 50
6	163	294	464	5	186 / 140	214 / 46	140	902	441	5	164 / 115	212 / 49
7	156	739	457	5	181 / 131	260 / 50	142	011	443	5	167 / 117	261 / 50
8	157	827	458	5	182 / 132	310 / 50	147	020	448	5	172 / 122	311 / 50
9	162	124	463	5	179 / 145	360 / 34	172	540	473	5	190 / 154	361 / 36
10	139	379	440	5	164 / 114	394 / 50	159	732	460	5	181 / 137	397 / 44
11	150	041	451	5	174 / 126	444 / 48	138	345	439	5	162 / 113	441 / 49
12	149	887	450	5	166 / 132	492 / 34	190	087	491	5	206 / 173	490 / 33
	1860562					526	1896232					523
BM 27-53												

DESCRIPTION AND REMARKS

FROM BM 27-54 TO BM 27-53

SANTA BARBRA & CALLISEUM, ST
SEE F.B. 1393-46

π

Summation of Run
From B.M. 27-54
To B.M. 27-53

Total Backsights = 1860562
Total Foresights = -1896232
Diff. Elev. = -35.670

Backsight stadia = 526
Foresight Stadia = 523
Total Stadia = 1049 METERS.

BM 27-53 (CITY OF LA HOLLYWOOD F10A)
RODEO, RD & LA BREA
SEE F.B. 3703-101

WEATHER SC 4 K INST. NO. 96716
TIME 2:05 - 3:00 ROD NO. 1949
NOTES CHKD [signature] DATE MAY 19 '65

JOB NO. 0301.02
SURVEY OF S.A. Co. Precise Level Mat
SURVEY BY BROOK NOTES R.R. RODRIGUEZ
INDEXED C. J. GALLI DATE 3-17-65

F.B. 3743 PG. 126

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-54 TO BM 27-55
BM 27-54													BM 27-54 Santa Barbara & Colliseum St. See FB 1393-46
1	198	779	499	5	204 / 192	12	145	237	446	5	151 / 139	12	
2	165	603	466	5	190 / 140	50 / 62	146	839	447	5	172 / 120	52 / 64	
3	166	413	467	5	191 / 141	50 / 112	131	313	432	5	156 / 106	50 / 114	π M.L. Bustrum
4	166	817	467	5	191 / 141	50 / 162	135	800	436	5	159 / 111	48 / 162	
5	164	961	465	5	189 / 139	50 / 212	131	277	432	5	157 / 105	52 / 214	
6	167	648	468	5	190 / 144	46 / 258	122	951	423	5	144 / 99	45 / 259	
7	168	180	469	5	194 / 142	52 / 310	126	428	429	5	154 / 102	52 / 311	
8	172	433	473	5	198 / 146	52 / 362	127	705	428	5	153 / 101	52 / 363	
9	164	605	465	5	189 / 139	50 / 412	129	171	430	5	153 / 105	48 / 411	
10	171	177	472	5	196 / 146	50 / 462	124	949	425	5	149 / 99	50 / 461	
11	166	447	467	5	191 / 141	50 / 512	129	635	430	5	155 / 103	52 / 513	
12	170	141	471	5	193 / 147	46 / 558	128	519	429	5	152 / 104	48 / 561	

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

SURVEY BY P. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY P. E. Brooks DATE 17 March 1965 TIME 9:35 - 10:35 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE NOV 19 '65

F.B. 7743 Pg. 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 100 JOB NO. 0311.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 9116

TIME 7:35-10:35 ROD NO. 2-19

NOTES CHKD. [illegible] DATE MAY 19 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-54 TO BM27-55
						553						561	
13	169	373	470	5	195 143	52 L10	132	356	433	5	157 106	51 L12	
14	162	545	463	5	172 152	20 L30	1204	317	505	5	213 195	18 L30	
	2375	122					1918	499					
BM27-55													BM 27-55 (L.A. City Hollywood HIIA) Santa Barbara Ave and Crenshaw Blvd. see F.B. 3703-105

Summation of Rec.
From B.M. 27-54
To B.M. 27-55

Total Backsights = + 2375.122
Total Foresights = − 1918.499
Diff. Elev. = + 456.623

Backsight stadia = 630
Foresight Stadia = 630
Total Stadia = 1260' meters

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]IS SHEET MUST BE MADE OR C[illegible]ED 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 27-55 TO BM 27-54
BM 27-55									BM 27-55 (City of L.A. Hollywood Hill) Santo Barbara Ave and Crenshaw Blvd. See F.B. 3703-105
1	205	677	506 5	214 / 196 18	164	680	465 5	174 / 154 20	
2	135	613	436 5	161 / 109 52 / 70	174	563	475 5	200 / 148 52 / 72	
3	135	604	436 5	159 / 111 48 / 118	181	438	482 5	204 / 158 46 / 118	π R.R. Rodriguez
4	140	704	441 5	166 / 114 52 / 140	169	369	470 5	194 / 144 50 / 168	
5	131	470	432 5	156 / 106 50 / 220	178	834	479 5	203 / 154 49 / 217	
6	135	653	436 5	159 / 111 48 / 268	175	012	476 5	200 / 150 50 / 267	
7	135	504	436 5	161 / 109 52 / 320	172	015	473 5	198 / 146 52 / 319	
8	129	650	430 5	155 / 103 52 / 372	173	117	474 5	199 / 147 52 / 371	
9	126	408	427 5	149 / 103 46 / 418	174	549	475 5	197 / 151 / 115 46 / 417	
10	138	667	439 5	164 / 112 52 / 470	174	228	475 5	199 / 149 50 / 467	
11	146	586	447 5	169 / 123 46 / 516	172	462	473 5	197 / 147 50 / 517	
12	135	692	436 5	160 / 110 50 / 566	169	659	470 5	194 / 144 50 / 567	

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

SURVEY BY F. E. Brooks

NOTES BY F.E.B. DATE 18 March 1965

INDEXED C. J. GALLI DATE

WEATHER Clear - Windy INST. NO. 96716

TIME 1:05 - 2:00 ROD NO. 9-19

NOTES CHKD. [illegible] DATE MAY 17 '65

F.B. 3743 PG. 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-55 TO BM 27-54
				566				567	
13	145	773	446 5	171 119 52 628	165	589	466 5	190 140 50 617	
14	154	078	455 5	160 148 12 630	207	817	508 5	213 201 12 629	
	1997	079			2453	332			
BM 27-54									BM 27-54 Santa Barbara Ave and Crenshaw Blvd. See F.B. 1393-46

Summation of Run
From B.M. 27-55
To B.M. 27-54

Total Backsights = + 1997.079
Total Foresights = − 2453.332
Diff. Elev. = − 456.253

Backsight Stadia = 630
Foresight Stadia = 629
Total Stadia = 1259 meters

WEATHER Clear - Windy INST. NO. 96916
TIME 1:05 - 2:00 ROD NO. 9-18
NOTES CHKD. [illegible] DATE MAY 19 '63

F.B. 3743 Pg. 130 JOB NO. 0301.02
SURVEY OF U.A. Co. Precise Level Line
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 27-55 TO BM 54-1
BM 27-55									BM 27-55 (L.A. City Hollywood H 11-A. Santa Barbara & Crenshaw Blvd. See FB 3703-105
1	206	355	507 5	227 185 42	110	812	411 5	131 89 42	
2	228	545	529 5	250 206 44	72	191	373 5	92 52 40	
3	225	837	526 5	244 206 86 38	69	463	370 5	90 48 82 42	π BUSTURM
4	183	843	484 5	194 172 124 22	164	473	465 5	175 153 124 22	
	844	580		146	416	939	5	146	
BM 54-1									BM 54-1 CRENSHAW BLVD & STOCKER ST See F.B. 2433-7

Summation of Run
From B.M. 27-55
To B.M. 54-1

Backsight Stadia = + 844.580
Foresight Stadia = − 416.939
Total Stadia = + 427.641

Total Backsights = + 146
Total Foresights = − 146
Diff. Elev. = 292 Meters

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

SURVEY BY E. L. Brooks WEATHER SUNNY INST. NO. 46716

NOTES BY R. A. RODRIGUEZ DATE 3-17-65 TIME 10:40 To 11:00 ROD NO. 10 & 9

INDEXED C. J. GALLI DATE 3-17-65 NOTES CHKD [illegible] DATE [illegible] 1965

F.B. 3743 Pg. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-1 TO BM 27-55
BM 54-1													BM 54-1
1	168	096	469	5	179 / 157	22	187	347	488	5	198 / 176	22	CRENSHAW BLVD & STOCKER ST
2	78	622	379	5	98 / 58	40	234	327	535	5	253 / 214	39	SEE F.B. 2433-7
3	80	894	381	5	100 / 60	62 / 40	238	192	539	5	261 / 216	61 / 45	π R. Rodriguez
4	110	657	411	5	132 / 88	102 / 44	205	999	506	5	225 / 185	106 / 40	
	438.269					146	865.865					146	
BM 27-55													BM 27-55 (LA. CITY HOLLYWOOD H-11A) SANTA BARBRA & CRENSHAW BLVD. SEE F.B. 3703-105

Summation of Bar
From B.M. 54-1
To B.M. 27-55

Total Backsights = 438.269
Total Foresights = 865.865
Diff. Elev. = -427.596

Backsight Stadia = 146
Foresight Stadia = 146
Total Stadia = 292 METERS

F.B. 3749 Pg. 132 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Mail
SURVEY BY P. E. Brooks NOTES V. LIEBER
INDEXED C. J. GALLY DATE

WEATHER Cloudy INST. NO. 96716
TIME 11:40-1155 ROD NO. 1949
NOTES CHKD [illegible] DATE MAY 19 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 54-1 TO BM 27-56
BM54-1													BM54-1 Crenshaw Blvd & Stocker St. See F.B. 2433-7
1	202	977	503	5	220 / 183	37	141	158	442	5	161 / 121	40	
2	141	995	442	5	166 / 116	50 / 87	166	691	467	5	189 / 143	46 / 86	
3	134	867	435	5	158 / 110	48 / 135	161	893	462	5	185 / 137	48 / 134	π M.L. Bustrum
4	147	405	448	5	170 / 124	46 / 181	161	845	462	5	184 / 138	46 / 180	Summation of Bur From B.M. 54-1 To B.M. 27-56
5	200	510	501	5	224 / 176	48 / 229	108	151	409	5	132 / 84	48 / 228	
6	168	639	469	5	186 / 150	36 / 265	130	753	431	5	148 / 112	36 / 264	Total Backsights = + 1306.263 ✓ Total Foresights = − 1219.804 ✓ Diff. Elev. = + 86.459 ✓
7	160	877	461	5	190 / 129	61 / 326	137	853	438	5	167 / 107	60 / 324	
8	148	993	449	5	153 / 144	9 / 335	211	460	512	5	216 / 206	10 / 334	Backsight stadia = 335 ✓ Foresight Stadia = 334 ✓ Total Stadia = 669 meters
	1306	263 ✓					1219	804 ✓					
BM 27-56													BM 27-56 Crenshaw Blvd and Vernon Ave See F.B. 1393-48

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

SURVEY BY F. E. Brooks WEATHER Clear INST. NO. 92416

NOTES BY F. E. Brooks DATE 18 March 1965 TIME 11:05 – 11:45 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3743 Pg. 133

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM 27-56												
1	214	335	515	5	219 209	10	152	622	453	5	156 148	8
2	146	850	447	5	176 116	60	169	414	470	5	200 139	61
3	139	017	440	5	157 121	70 36	176	687	477	5	194 158	68 36
4	113	247	414	5	137 89	106 48	204	690	505	5	229 179	105 50
5	165	167	466	5	188 142	154 46	152	010	453	5	175 130	155 45
6	167	298	468	5	191 143	200 48	138	809	439	5	161 115	200 46
7	166	577	467	5	189 142	248 47	141	171	442	5	166 116	246 50
8	143	564	444	5	163 124	295 39	207	086	508	5	226 188	296 38
	1256.055					334	1342.489					334
BM 54-1												

DESCRIPTION AND REMARKS

FROM BM 27-56 TO BM 54-1

BM 27-56
Crenshaw Blvd and
~~St~~ Vernon Ave
See F.B. 1393-48

T R. Rodriguez

Summation of Run
From B.M. 27-56
To B.M. 27-54-1

Total Backsights = + 1256055
Total Foresights = − 1342489
Diff. Elev. = − 86.434

Backsight stadia = 334
Foresight Stadia = 334
Total Stadia = 668 METERS

BM 54-1
Crenshaw Blvd and
Stocker St.
See F.B. 2433-7

WEATHER Cloudy INST. NO. 96716
TIME 11:00 AM ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

F.B. 3748 PG. 134 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES V. LIEBER
INDEXED [illegible] DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 27-56									FROM BM27-56 TO BM27-56A
1	249	643	550 5	273 225 48	139	337	440 5	163 115 48	BM27-56 Crenshaw Blvd & Vernon Ave. See F.B. 1393-48
2	169	341	470 5	190 148 42	130	868	431 5	152 108 44	
				90				92	π BUSTRUM
3	198	465	499 5	220 176 44	88	417	389 5	110 66 44	
				134				136	
4	224	127	525 5	245 203 42	68	365	369 5	88 47 41	Summation of [illegible] From B.M. 27-56 To B.M. 27-56A
				176				177	
5	240	481	541 5	265 215 50	60	813	361 5	85 35 50	
				226				227	
6	238	593	539 5	261 215 46	75	865	376 5	96 54 42	
				272				269	Total Backsights = 2407.445
7	230	417	531 5	255 205 50	61	863	362 5	86 36 50	Total Foresights = − 953.851 ~~1453.594~~
				322				319	Diff. Elev. = ~~1453.541~~ +1453.594
8	236	843	537 5	260 212 48	62	103	363 5	86 38 48	
				370				367	
9	221	561	522 5	221½ 198 23 46	59	432	360 5	81 37 44	
				416				411	Backsight stadia = 482
10	228	189	529 5	249 207 42	85	975	386 5	108 62 46	Foresight Stadia = 481
				458				457	Total Stadia = 963 METERS
11	169	785	470 5	181 157 24	120	813	421 5	132 108 24	
				482				481	
	2407	445			953	851			BM 27-56A
BM 27-56A									CRENSHAW BLVD & 52nd ST SEE F.B. 3703-109

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

SURVEY BY A. E. Brooks

NOTES BY R. R. RODRIGUEZ DATE 3-19-65

INDEXED C. J. GALLI DATE [illegible]

WEATHER Sunny

TIME [illegible]

NOTES CHKD [illegible] DATE [illegible] 19 '65

INST. NO. 96716

ROD NO. 19d 9

F.B. 3743 Pg. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT					
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA	
BM 27-56A												
1	128	409	429	5	140 116	24	177	414	478	5	189 165	24
2	98	095	399	5	120 76	44 68	242	254	543	5	264 220	44 68
3	69	301	370	5	91 47	44 112	252	394	553	5	274 230	44 112
4	89	030	390	5	113 65	48 160	240	910	541	5	265 215	50 162
5	70	118	371	5	95 45	50 210	240	603	541	5	265 215	50 212
6	78	644	379	5	99 57	42 252	240	057	541	5	263 217	46 258
7	58	785	359	5	84 32	52 304	238	457	539	5	262 214	48 306
8	68	167	369	5	89 47	42 346	224	480	525	5	245 203	42 348
9	98	978	399	5	120 76	44 390	205	547	506	5	227 183	44 392
10	133	499	434	5	155 111	44 434	174	740	475	5	195 152	43 435
11	139	816	440	5	163 115	48 482	249	697	550	5	273 225	48 483
	1032	842					2486	553				
BM 27-56												

DESCRIPTION AND REMARKS

FROM BM 27-56A TO BM 27-56

BM 27-56A
CRENSHAW BLVD. &
52nd ST
SEE F.B. 3703-109

π R. R. Rodriguez

Summation of Run
From B.M. 27-56A
To B.M. 27-56

Total Backsights = + 1032.842
Total Foresights = − 2486.553
Diff. Elev. = −1453.711

Backsight stadia = 482
Foresight Stadia = 483
Total Stadia = 965 meters

BM 27-56
CRENSHAW BLVD &
VERNON AVE.
SEE F.B. 1393-48

F.B. 3743 PG. 13C
SURVEY OF S.A. Co. Precise Level Net
SURVEY BY R. R. Rodriguez
INDEXED C. J. GALLY
JOB NO. 0301.02
NOTES FEB
DATE
WEATHER clear
TIME 10:00-10:45
NOTES CHKD
INST. NO. 96716
ROD NO. 1949
DATE MAY 1965

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-56A TO BM27-57B
BM27-56A													BM27-56A
1	151	113	452	5	161 / 141	20	126	461	427	5	137 / 115	22	Crenshaw Blvd & 52nd st. See FB 3703-109
2	179	358	480	5	200 / 158	42 / 62	139	513	440	5	161 / 117	44 / 66	
3	162	705	463	5	188 / 136	52 / 114	150	401	451	5	177 / 123	54 / 120	⊼ M.L. Bustrum
4	140	905	441	5	164 / 116	48 / 162	165	357	466	5	187 / 143	44 / 164	
5	151	607	452	5	173 / 129	44 / 206	163	608	464	5	185 / 141	44 / 208	
6	150	287	451	5	167 / 133	34 / 240	101	837	402	5	118 / 84	34 / 242	✓
	935	975 ✓					847	177 ✓					
BM27-57B													BM27-57B Crenshaw Blvd and 57th st. See F.B. 1393-49

Summation of Run
From B.M. 27-56A
To B.M. 27-57B

Total Backsights = 935.975 ✓
Total Foresights = 847.177 ✓
Diff. Elev. = +88.798 ✓

Backsight stadia = 240 ✓
Foresight Stadia = 242 ✓
Total Stadia = 482 ✓ meters

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

SURVEY BY B. B. Brock

NOTES BY F. E. Brock DATE 17 March 65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 2:05 - 2:25

NOTES CHKD [illegible] DATE MAY 19 '65

INST. NO. 46716

ROD NO. 8-19

F.B. 3743 Pg. 139

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 138 JOB NO. 0301.02

SURVEY OF B.A. Co. Precise Level Run

SURVEY BY E. Brooks NOTES F.E.B.

INDEXED C. L. Gall DATE

WEATHER Clear INST. NO. SC 716

TIME 9:40 - 10:00 ROD NO. 9-19

NOTES CHKD. DATE MAY 19 '65

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-57B TO BM27-56A
BM 27-57B													BM 27-57B Crenshaw Blvd. and 57th st. See F.B. 1393-49 π R.R. Rodriguez
1	109	973	410	5	126 92	34	159	089	460	5	176 142	34	
2	169	433	470	5	191 147	44 78	153	897	454	5	175 132	43 79	
3	171	193	472	5	194 148	46 124	153	244	454	5	176 130	46 123	
4	159	198	460	5	187 131	56 180	168	067	469	5	193 143	50 193	
5	143	525	444	5	164 122	42 222	183	482	484	5	205 162	43 216	
6	177	530	434	5	144 123	21 243	158	342	459	5	169 147	22 238	
	886	852					975	921					
BM27-56A													BM 27-56A Crenshaw Blvd and 52nd st. See F.B. 3703-109

Summation of Run
From B.M. 27-57B
To B.M. 27-56A

Total Backsights = + 886.852
Total Foresights = − 975.921
Diff. Elev. = − 89.069

Backsight stadia = 243
Foresight Stadia = 238
Total Stadia = 481 meters

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-57B TO BM27-57C
BM27-57B													BM 27-57B
1	133	183	434	5	142 / 124	18	191	793	492	5	201 / 181	20	Cren Shaw Blvd & 57th St See FB 1393-49
2	150	155	451	5	153 / 147	6 / 24	174	988	475	5	177 / 171	6 / 26	⊼ M.L. Bustrum
BM27-57C	283	338					366	781					BM 27-57C Crenshaw Blvd and 57th St. See F.B. 1393-67

Summation of Sum
From B.M. 27-57B
To B.M. 27-57C

Total Backsights = + 283.338
Total Foresights = − 366.781
Diff. Elev. = − 83.443

Backsight stadia = 24
Foresight Stadia = 26
Total Stadia = 50 meters

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

SURVEY BY P. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY P. E. Brooks DATE 19 March 65 TIME 2:30-2:35 ROD NO. 4-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAY 29 '65

F.B. 3743 Pg. 134

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-57C TO BM 27-57B
BM 27-57C													BM 27-57C Crenshaw Blvd and 57th St.
1	183	768	484	5	186 180	6	158	253	459	5	161 155	6	See F.B. 1393-67
2	197	344	498	5	207 188	19 25	139	405	440	5	149 129	20 26	T R.R. Rodriguez
	381	112					297	658					
BM 27-57B													BM 27-57B Crenshaw Blvd and 57th St. See F.B. 1393-49

Summation of Run
From B.M. 27-57C
To B.M. 27-57B

Total Backsights = + 381.112
Total Foresights = − 297.658
Diff. Elev. = + 83.454

Backsight stadia = 25
Foresight Stadia = 26
Total Stadia = 51 meters

WEATHER Clear INST. NO. 96716
TIME 9:30-9:35 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 19 '65

F.B. 3743 PG. 140 JOB NO. 0301-02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-57C TO BM27-57A
BM27-57C													BM27-57C Crenshaw & 57th See FB 1393-67
	166	563	467	5	175 157	18	171	903	472	5	180 162	18	
													⊼ M.L. Bustrum
BM27-57A													BM27-57A Crenshaw Blvd and 57th St. See F.B. 1393-49

Summation of Run
From B.M. 27-57C
To B.M. 27-57A

Total Backsights = + 166.563
Total Foresights = − 171.903
Diff. Elev. = − 5.340

Backsight stadia = 18
Foresight Stadia = 18
Total Stadia = 36 meters

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

SURVEY BY F. E. Brooks WEATHER Clear INST. NO. 26716

NOTES BY F. E. Brooks DATE 17 March 65 TIME 2:40 ROD NO. 9-19

INDEXED C. J. GALLE DATE NOTES CHKD [illegible] DATE MAR 19 '65

F.B. 3745 Pg. 141

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-57A TO BM 27-57C
BM 27-57A													BM 27-57A Crenshaw Blvd and 57th St. See F.B. 1393-49
	179	982	480	5	188 170	18	174	668	475	5	184 164	20	
													T R. R. Rodriguez
BM 27-57C													BM 27-57C Crenshaw Blvd and 57th St. See F.B. 1393-67

Summation of Run
From B.M. 27-57A
To B.M. 27-57C

Total Backsights = + 179.982
Total Foresights = − 174.668
Diff. Elev. = + 5.314

Backsight stadia = 18
Foresight Stadia = 20
Total Stadia = 38 met

F.B. 3743 Pg. 142 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716
TIME 9:25 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 19 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM 27-57A									FROM BM 27-57A TO BM 27-58A
									BM 27-57A
1	137	415	438 5	165½ 137 28 56	169	063	470 5	198 140 58	Crenshaw Blvd. & 57th St.
									See F.B. 1393-49
2	129	075	430 5	145 113 32	178	599	479 5	195 161 34	
				88				92	
3	127	213	428 5	152 102 50	190	228	491 5	213 167 46	⊼ BUSTRUM
				138				138	
4	142	909	443 5	160 124 36	173	445	474 5	191 155 36	
				174				174	
5	121	798	422 5	145 97 48	176	421	477 5	200 152 48	Summation of Bur
				222				222	From B.M. 27-57A
6	120	215	421 5	144 97 47	176	931	477 5	201 151 50	To B.M. 27-58A
				269				272	
7	114	187	415 5	136 92 44	162	825	463 5	184 140 44	Total Backsights = + 1545.653
				313				316	Total Foresights = − 2113.424
8	138	279	439 5	164 112 52	175	831	476 5	198 152 46	Diff. Elev. = − 567.771
				365				362	
9	110	381	411 5	139 81 58	187	475	488 5	218 156 62	Backsight stadia = 587
				423				424	Foresight Stadia = 589
10	100	151	401 5	132 68 64	172	369	473 5	203 140 63	Total Stadia = 1176 METERS
				487				487	
11	148	121	449 5	172 124 48	164	128	465 5	189 139 50	
				535				537	
12	155 ~~156~~	909	456 ~~457~~ 5	181 129 52	186	109	487 5	212 160 52	BM 27-58A
	1545.653			587	2113.424			589	Crenshaw Blvd. & 66th St.
BM 27-58A									See F.B. 1393-68

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

SURVEY BY E. E. BROOKS WEATHER SUNNY INST. NO. 96716

NOTES BY R. R. RODRIGUEZ DATE 3-17-65 TIME 2:45 TO 3:35 ROD NO. 1949

INDEXED C. J. GALLE DATE NOTES CHKD. [illegible] DATE NOV 19 '65

F.B. 3743 Pg. 143

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Cloudy INST. NO. 96776
TIME 8:40 9:25 ROD NO. 9-18
NOTES CHKD. DATE MAY 19 '58

F.B. 1443 PG. 144 JOB NO. 1341.02
SURVEY OF
SURVEY BY NOTES V. Lieber
INDEXED C. J. GALL DATE

STATION	BACKSIGHT Right	Mic.	Left		Stadia		FORESIGHT Right	Mic.	Left		Stadia		DESCRIPTION AND REMARKS
													FROM BM 27-58A TO BM 27-57A
BM 27-58A													BM 27-58A
1	193	134	494	5	219 / 167	52	165	278	466	5	191 / 139	52	Crenshaw Blvd & 66th St.
													See F.B. 1393-68
2	169	880	470	5	194 / 144	50	151	326	452	5	175 / 127	48	T.R. Rodriguez
3	175	818	476	5	206 / 144	62	103	463	404	5	134 / 72	100 / 62	
4	194	334	495	5	224 / 164	60	117	164	418	5	147 / 88	162 / 59	
5	180	374	481	5	203 / 156	47	141	852	442	5	167 / 115	221 / 52	Summation of Bm From B.M. 27-58A To B.M. 27-57A.
6	153	449	454	5	175 / 130	45	106	098	407	5	128 / 84	273 / 44	
7	181	347	482	5	206 / 156	50	124	784	425	5	147 / 100	317 / 47	Total Backsights = + 2160454
8	180	998	481	5	204 / 156	48	126	722	427	5	150 / 102	364 / 48	Total Foresights = − 1592575
													Diff. Elev. = + 567879
9	181	484	482	5	199 / 163	36	140	039	441	5	158 / 122	412 / 36	
10	185	525	486	5	209 / 161	48	132	051	433	5	156 / 108	448 / 48	Backsight stadia = 590' Foresight Stadia = 584' Total Stadia = 1174' METERS
11	183	470	484	5	200 / 166	34	135	535	436	5	151 / 119	496 / 32	
12	180	641	481	5	209 / 151	58	148	263	449	5	176 / 120	528 / 56	BM 27-57A
	2160454			5		590	1592575					584	Crenshaw Blvd and 57th St.
BM 27-57A													See F.B. 1393-49

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-58A TO BM 27-60
BM 27-58A													BM 27-58A Crenshaw Blvd., & 66th St. See FB. 1393-68
1	149	815	450	5	170 / 128	42	158	969	459	5	178 / 138	40	
2	148	535	449	5	168 / 128	40 / 82	159	973	460	5	180 / 138	42 / 82	⊼ Mr. Bustrum
3	147	991	448	5	159 / 125	34 / 116	213	637	514	5	235 / 191	44 / 126	
4	167	625	468	5	171 / 163	8 / 124	124	335	425	5	127 / 121	6 / 132	
	613	966					656	914					
BM 27-60													BM 27-60 (USC&GS 2-414) Crenshaw Blvd. & A.T. & S.F. R.R. See F.B. 3703-115-116

Summation of Run
From B.M. 27-58A
To B.M. 27-60

Total Backsights = 613.966
Total Foresights = − 656.914
Diff. Elev. = − 42.948

Backsight Stadia = 124
Foresight Stadia = 132
Total Stadia = 256 Meters

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

SURVEY BY P. G. Brooks

NOTES BY K. M. Kapp DATE 3-19-65

INDEXED C. J. GALLI DATE

WEATHER Cloudy INST. NO. 4776

TIME 8:50-9:00 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 20 '65

F.B. 3743 Pg. 145

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-60 TO BM 27-58A
BM 27-60													BM 27-60 (USC&GS Z-419) Crenshaw Blvd. & A.T. & S.F. R.R. See F.B. 3703-115-116
1	124	972	425	5	128 / 120	8	168	242	469	5	172 / 164	8	
2	217	646	518	5	237 / 197	40 / 48	152	261	453	5	174 / 130	44 / 52	T K.M. Kapp
3	171	780	472	5	193 / 149	44 / 92	159	522	460	5	179 / 139	40 / 92	
4	170	630	471	5	190 / 150	40 / 132	162	129	463	5	183 / 141	42 / 134	
	685	028					642	154					
BM 27-58A													BM 27-58A Crenshaw Blvd. & 66th St. See F.B. 1393-68

Summation of Run
From B.M. 27-60
To B.M. 27-58A

Total Backsights = 685.028
Total Foresights = − 642.154
Diff. Elev. = +42.874

Backsight stadia = 132
Foresight Stadia = 134
Total Stadia = 266 meters

F.B. 3743 PG. 146 JOB NO. 0301.02
SURVEY OF R.A. Co. Precise Level Dist
SURVEY BY R. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE

WEATHER Clear - Windy INST. NO. 96716
TIME 3:10 - 7:20 ROD NO. 7-19
NOTES CHKD [signature] DATE NOV 20 '63

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F.E. Brooks WEATHER Cloudy INST. NO. 96716

NOTES BY K.M. Kapp DATE 3-19-65 TIME 9:00-9:05 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 20 '65

F.B. 3743 Pg. 147

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-60 TO BM27-59
BM27-60									BM 27-60 (U.S.C.&G.S. Z-414) Crenshaw Blvd & A. T. & S.F. R/R. See FB 3703-115-116
1	94	883	395 5	98 90 8	139	157	440 5	143 135 8	
2	184	525	485 5	194 174 20 28	110	605	411 5	118 102 16 24	π Bustrum
	279	408			249	762			
BM 27-59									BM 27-59 (USC&GS Z-415) Crenshaw Blvd and A.T. & S.F. R.R. See F.B. 3703-115

Summation of Run
From B.M. 27-60
To B.M. 27-59

Total Backsights = + 279.408
Total Foresights = − 249.762
Diff. Elev. = + 29.646

Backsight stadia = 28
Foresight Stadia = 24
Total Stadia = 52 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-59 TO BM27-60
BM 27-59													BM27-59 (USC&GS A-415)
1	127	150	428	5	135 / 119	16	194	937	495	5	202 / 186	16	Crenshaw Blvd and A.T. & S.F. R.R.
2	145	675	446	5	151 / 139	12 / 28	107	573	408	5	110 / 104	6 / 22	See F.B. 3703-115
	272	825					302	510					π KM Kapp
BM27-60													BM27-60 (USC&GS 2-414) Crenshaw Blvd and A.T. & S.F. R.R. See F.B. 3703-115, 116

Summation of Run
From B.M. 27-59
To B.M. 27-60

Total Backsights = + 272.825
Total Foresights = − 302.510
Diff. Elev. = − 29.685

Backsight stadia = 28
Foresight stadia = 22
Total Stadia = 50 meters

WEATHER Clear-windy INST. NO. 96716
TIME 2:00-3:05 ROD NO. 9-19
NOTES CHKD. [signature] DATE MAY 20 '65

F.B. 3743 PG. 148 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Line
SURVEY BY F. E. Brooks NOTES FFB
INDEXED G. J. GALLI DATE

76P526B CE # 308 6-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Cloudy INST. NO. 2716

NOTES BY K.M. Kapp DATE 3-19-65 TIME 8:15-8:20 ROD NO. 2-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAY 20 '65

F.B. 3943 Pg. 149

STATION	BACKSIGHT Right	BACKSIGHT Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right	FORESIGHT Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM27-59 To BM27-61A
BM 27-59									BM27-59 (U.S.C.&G.S. A415) Crenshaw Blvd & A.T.S.F. R/R. See FB 3703-115
1	162	123	463 5	184/40 44	115	552	416 5	136/94 42	
2	165	278	466 5	175/155 20 64	54	249	355 5	64/44 20 62	T Bustrum
	327	401			169	801			
BM 27-61A									BM27-61A (USC&GS W 972) Crenshaw Blvd and A.T.&S.F. R.R. See F.B. 3703-115, 116

Summation of Run

From B.M. 27-59

To B.M. 27-61A

Total Backsights = + 327.401

Total Foresights = − 169.801

Diff. Elev. = + 157.600

Backsight stadia = 64

Foresight Stadia = 62

Total Stadia = 126 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-61A TO BM27-59
BM 27-61A													BM27-61A (USC&GS W 472)
1	63	990	364	5	73 53	20	171	949	472	5	181 121	20	Crenshaw Blvd and A.T. & S F. R. R.
2	119	960 ~~420~~	420	5	140 98	42 62	169	590	470	5	191 147	44 64	See F.B. 3703-115, 116
	183	950					341	539					T K.M.Kapp.
BM27-59													BM 27-59 (USC&GS A 415) Crenshaw Blvd and A.T. & S.F. R.R. See F.B. 3703-115

Summation of Run
From B.M. 27-61A
To B.M. 27-59

Total Backsights = + 183.950
Total Foresights = − 341.539
Diff. Elev. = ~~2.411~~
− 157.589

Backsight stadia = 62
Foresight Stadia = 64
Total Stadia = 126 meters

F.B. 3743 PG. 150
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES FEB.
INDEXED C. J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716
TIME 2:50 - 2:55 ROD NO. 9-19
NOTES CHKD. [signature] DATE NOV 20 '63

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-61A TO BM27-62
BM 27-61A													BM 27-61A (U.S.C. & G.S.W. 1912) Crenshaw Blvd., & A. T. S. F. R/R. See FB 3703-115-116
1	37	577	338	5	57 / 17	40	146	485	447	5	165 / 127	38	
2	96	508	397	5	102 / 90	12 / 52	156	838	457	5	162 / 150	12 / 50	T M. L. Bustrum
3	117	273	418	5	140 / 94	46 / 98	179	048	480	5	202 / 156	46 / 96	
4	114	371	415	5	139 / 89	50 / 148	164	581	465	5	189 / 139	50 / 146	
5	179	583	480	5	202 / 156	46 / 194	92	603	393	5	115 / 69	46 / 192	
6	202	092	503	5	219 / 185	34 / 228	194	698	495	5	211 / 177	34 / 226	
	747	404					934	253					
BM 27-62													BM 27-62 Crenshaw Blvd and Florence Ave. See F.B. 3703-117

Summation of Run
From B.M. 27-61
To B.M. 27-62

Total [illegible] = 747.404
Total [illegible] = -934.253
Diff. Rev. = -186.849

[illegible] Stadia = 228
[illegible] Stadia = 226
[illegible] Stadia = 454 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 19 March 1965 WEATHER Hazy TIME 9:20 - 9:45 INST. NO. GL716

INDEXED C. J. GALLO DATE NOTES CHKD [illegible] DATE NOV 20 '65 ROD NO. 9-19

F.B. 3743 Pg. 151

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-62 TO BM 27-61
BM 27-62													BM 27-62
													Crenshaw Blvd. &
1	199	650	500	5	216 / 182	34	207	768	508	5	224 / 190	34	Florence Ave.
													See F.B. 3703-117
2	102	912	403	5	125 / 79	46	187	990	488	5	210 / 164	46	
						80						80	π KAPP
3	169	788	470	5	194 / 144	50	121	145	422	5	146 / 96	50	
						130						130	
4	188	482	489	5	211 / 165	46	126	418	427	5	149 / 103	46	
						176						176	
5	164	800	465	5	170 / 158	12	104	091	405	5	110 / 98	12	
						188						188	
6	156	968	457	5	175 / 137	38	48	448	349	5	68 / 28	40	
	982	600				226	795	860				228	
BM 27-61 A													BM 27-61 A (USC&GS W-972)
													Crenshaw Blvd. & A.T. &
													S.F. R.R.
													See F.B. 3703-115-116

Summation of Run
From B.M. 27-62
To B.M. 27-61

Total Backsights = + 982,600
Total Foresights = − 795,860
Diff. Elev. = + 186,740

Backsight stadia = 226
Foresight Stadia = 228
Total Stadia = 454

WEATHER INST. NO. 96716
TIME 2:30 855 ROD NO. 9-19
NOTES CHK'D [illegible] DATE MAY 20 '65

F.B. 3743 PG. 152 JOB NO. 0301.02
SURVEY OF R.A. Co. Precise Level Bkg
SURVEY BY R. E. Brooks NOTES [illegible] LIOBER
INDEXED C. J. GALLI DATE

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY F. E. Brooks DATE 19 March 1965 TIME 9:45 - 10:50 ROD NO. 4-19

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE MAY 20 '65

F.B. 7743 Pg. 153

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM27-62 TO BM27-63
BM 27-62													BM 27-62
1	247	573	548	5	260 / 235	25	12	109	313	5	24 / 12	12x2 / 24	Crenshaw Blvd & Florence Ave. See FB 3703-117
2	233	161	534	5	240 / 226	14 / 39	50	907	351	5	58 / 42	16 / 40	⊼ M. L. Blustrum
3	279	355	580	5	291 / 267	24 / 63	13 / 12	543	314	5	23 / 13	10x2 / 20 / 60	
4	258	101	559	5	270 / 246	24 / 87	53	387	354	5	65 / 41	24 / 84	Time delay for office personal
5	247	177	548	5	270 / 223	47 / 134	89	921	390	5	113 / 65	48 / 132	
6	176	655	477	5	191 / 161	30 / 164	110	587	411	5	126 / 94	32 / 164	
7	274	301	575	5	291 / 257	34 / 198	26	267	327	5	43 / 9	34 / 198	
8	228	128	529	5	236 / 220	16 / 214	96	383	397	5	106 / 86	20 / 218	
	1944	451					453	104					
BM 27-63													BM 27-63 Crenshaw Blvd. and 76th St. See F.B. 1393-53

Summation of [illegible]
From B.M.
To B.M.

Total Backsights = + 1944.451
Total Foresights = − 453.104
Diff. Elev. = +1491.347

Backsight stadia = 214
Foresight Stadia = 218
Total Stadia = 432 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-63 TO BM 27-62
BM 27-63													BM 27-63 Crenshaw Blvd and 76th St. See F.B. 1393-53
1	102	183	403	5	112 / 92	20	231	613	532	5	240 / 222	18	
2	38	400	339	5	56 / 20	36	288	842	589	5	288 1/2 / 278 1/2 / ~~589~~	34	⊼ Kapp.
3	120	058	421	5	135 / 105	56 / 30	189	090	490	5	205 / 173	~~38~~ 52 / 32	
4	101	520	402	5	124 / 78	86 / 46	256	030	557	5	280 / 232	84 / 48	Summation of Run From B.M. 27-63 To B.M. 27-62
5	74	212	375	5	66 / 62	132 / 24	278	268	579	5	290 / 266	132 / 24	
6	24	703	325	5	34 / 14	156 / 20	292	635	593	5	292 1/2 / 280 1/2	156 / 24	Total Backsights = + 536.248
7	53	552	354	5	62 / 44	176 / 18	235	555	536	5	242 / 228	180 / 14	Total Foresights = − 2027.583
8	21	620	322	5	33 / 9	194 / 24	255	550	556	5	268 / 243	194 / 25	Diff. Elev. = −1491.335
						218						219	Backsight stadia = 218
	536	248					2027	583					Foresight Stadia = 219
													Total Stadia = 437 meters
BM 27-62													BM 27-62 Crenshaw Blvd and Florence Ave. See F.B. 3703-117

F.B. 3743 PG. 154 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES V. LIEBER

INDEXED C. J. CALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 1:55 2:30 ROD NO. 9-19

NOTES CHKD. [illegible] DATE NOV 20 '65

76P526B CE # 306 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY R. E. Brooks WEATHER Hazy INST. NO. 96716

NOTES BY K.M. Kapp DATE 3-19-65 TIME 10:55-11:35 ROD NO. 8-78

INDEXED C. J. GALLI DATE NOTES CHKD DATE MAY 20 '65

F.B. 3743 Pg. 155

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-63 TO BM 27-64
BM 27-63													BM 27-63 (L.A.CITY 21-P-1) Crenshaw Blvd & 76th St. See FB 1393-53
1	224	599	525	5	238 210	28	22	925	323	5	36 8	28	
2	283	869	584	5	296 270	26 54	68	935	369	5	82 54	28 56	T Bustrum
3	222	181	523	5	289 205	34 88	78	753	379	5	95 61	34 90	
4	216	421	517	5	239 193	46 134	70	293	371	5	99 46	48 138	
5	226	561	527	5	251 201	50 184	75	739	376	5	100 50	50 188	
6	230	297	531	5	256 204	52 236	75	618	376	5	98 52	46 234	
7	188	638	489	5	201 175	26 262	136	753	437	5	149 123	26 260	
8	152	913	453	5	156 148	8 270	163	699	464	5	166 160	6 266	
	1745	479					692	715					
BM 27-64													BM 27-64 Crenshaw Blvd. & 80th St. See F.B. 1393-54

Summation of Elev.
From B.M. 27-63
To B.M. 27-64

Total Backsights = + 1745.479
Total Foresights = − 692.715
Diff. Elev. = + 1052.764

Backsight stadia = 270
Foresight Stadia = 266
Total Stadia = 536 Meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-64 TO BM 27-63
BM 27-64													BM 27-64 Crenshaw Blvd. & 80th St. See F.B. 1393-54
1	176	863	477	5	179 / 173	6	165	941	466	5	168 / 162	6	
2	142	573	443	5	155 / 129	26 / 32	194	903	495	5	207 / 181	26 / 32	T K.M. Kapp
3	80	518	381	5	164 / 56	48 / 80	234	099	535	5	258 / 210	48 / 80	
4	84	951	385	5	109 / 59	50 / 130	237	132	538	5	262 / 212	50 / 130	
5	83	148	384	5	107 / 59	48 / 178	228	933	529	5	251 / 205	46 / 176	
6	86	141	387	5	104 / 68	36 / 214	253	858	554	5	270 / 236	34 / 210	
7	110	453	411	5	123 / 97	26 / 240	274	170	575	5	287 / 261	26 / 236	
8	21	640	322	5	34 / 8	26 / 266	250	132	551	5	250 / 235	15 / 30 / 266	
	786	287					1839	168					
BM 27-63													BM 27-63 (L.A. City 21-P-1 Crenshaw Blvd. & 76th St. See F.B. 1393-53

Summation of Run
From B.M. 27-64
To B.M. 27-63

Total Backsights = 786.287
Total Foresights = -1839.168
Diff. Elev. = -1052.881

Backsight stadia = 266
Foresight Stadia = 266
Total Stadia = 532 meters

WEATHER Clear-Windy INST. NO. 96716
TIME 1:30 - 1:50 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 20 '63

F.B. 3743 PG. 156 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY R. E. Brooks NOTES FEB
INDEXED C. J. GALLI DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-64 TO BM27-65
BM27-64													BM27-64 (L.A. city 13-C) Crenshaw Blvd & 80th St. See FB 1393-54
1	87	227	388	5	104 / 70	34	213	938	514	5	230 / 196	34	
2	44	847	345	5	69 / 19	50 / 84	228	403	529	5	228 / 202	26x2 / 52 / 86	
3	81	953	382	5	106 / 56	50 / 134	194	167	495	5	220 / 168	52 / 138	⊼ M.L. Bustrum
4	104	281	405	5	128 / 80	48 / 182	193	909	494	5	218 / 168	50 / 188	
5	118	831	419	5	136 / 100	36 / 218	128	897	429	5	144 / 112	32 / 220	
6	163	697	464	5	173 / 153	20 / 238	179	593	480	5	188 / 170	18 / 238	
	600	836					1138	907					
BM27-65													BM27-65 (L.A. city) 8th Ave and 81st St to E. See F.B. 1393-55

Summation of Run
From B.M. 27-64
To B.M. 27-65

Total Backsights = 600.836
Total Foresights = 1138.907
Diff. Elev. = -538.071

Backsight stadia = 238
Foresight Stadia = 238
Total Stadia = 476 meters

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

SURVEY BY F. E. Brooks WEATHER overcast INST. NO. 96716

NOTES BY F. E. Brooks DATE 19 March 1965 TIME 11:40-12:00 ROD NO. 0-10

INDEXED C. J. CALLI DATE NOTES CHKD [illegible] DATE MAY 20 '65

F.B. 3743 Pg. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-65 TO BM 27-64
BM 27-65													BM 27-65 (L.A. City 13-C) Crenshaw Blvd. and 81st St. To E See F.B. 1393-55
1	189	625	490	5	198 / 180	18	173 / ~~176~~	492	474	5	183 / 163	20	
2	132	346	433	5	149 / 115	34 / 52	123	872	424	5	141 / 105	36 / 56	⊼ K.M. Kapp
3	205	121	506	5	231 / 179	52 / 104	113	510	414	5	136 / 90	46 / 102	
4	199	340	500	5	225 / 173	52 / 156	87	712	388	5	112 / 62	50 / 152	
5	226	605	527	5	251 / 201	50 / 206	42	690	343	5	68 / 16	52 / 204	
6	223	718	524	5	240 / 206	34 / 240	197	393	398	5	114 / 80	34 / 238 ✓	
	1176	755 ✓					638	669 ✓					
BM 27-64													BM 27-64 (L.A. City 13-C) Crenshaw Blvd and 80th St. See F.B. 1393-54

Summation of Run
From B.M. 27-65
To B.M. 27-64

Total Backsights = + 1176.755 ✓
Total Foresights = − 638.669 ✓
Diff. Elev. = + 538.086 ✓

Backsight stadia = 240 ✓
Foresight Stadia = 238 ✓
Total Stadia = 478 meters

F.B. 3743 Pg. 158
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY E. E. Brooks NOTES FEB.
INDEXED C. J. GALLI DATE
JOB NO. 0301.02
WEATHER Clear - Windy INST. NO. 96416
TIME 1:05 - 1:25 ROD NO. 9-19
NOTES CHKD. [illegible] DATE MAY 20 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-65 TO BM 27-66
BM 27-65													BM 27-65 (L.A. City) 8TH Ave & 81ST. ST. E.
1	212	749	513	5	231 / 193	38	150	191	451	5	167 / 131	38	See FB 1393-55
2	108	981	409	5	130 / 86	44 / 82	227	899	528	5	249 / 205	44 / 82	Π Bustrum
3	28	973	329	5	50 / 6	44 / 126	277	340	578	5	297 / 257	40 / 122	
4	57	591	358	5	72 / 42	30 / 156	207	621	508	5	222 / 192	30 / 152	Summation of Run From B.M. 27-65 To B.M. 27-66
5	171	791	472	5	190 / 152	38 / 194	125	873	426	5	147 / 103	44 / 196	
6	168	107	469	5	188 / 147	41 / 235	135	317	436	5	156 / 114	42 / 238	Total Backsights = + 1237.779 ✓
7	180	607	481	5	207 / 153	54 / 289	120	625	421	5	147 / 93	54 / 292	Total Foresights = − 1565.832 ✓ Diff. Elev. = − 328.053 ✓
8	181	711	482	5	201 / 161	40 / 329	146	807	447	5	166 / 126	40 / 332	
9	127	269	428	5	129 / 125	4 / 333	174	159	475	5	176 / 171	5 / 337	Backsight stadia = 333 ✓ Foresight Stadia = 337 ✓ Total Stadia = 670 ✓ Meters
	1237	779 ✓					1565	832 ✓					
BM 27-66													BM 27-66 Crenshaw Blvd. & Manchester Blvd. See F.B. 1393-56

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

SURVEY BY R. E. Brooks WEATHER Clear INST. NO. 96716

NOTES BY K. M. Kapp DATE 3-19-65 TIME 1:20-1:55 ROD NO. 9-19

INDEXED C. J. GALLO DATE NOTES CHKD. [illegible] DATE MAY 20 '65

F.B. 3743 Pg. 159

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA	
BM 27-66												
1	204	093	505	5	226 / 182	44	190	708	491	5	210 / 170	40
2	129	648	430	5	156 / 102	54	190	802	491	5	217 / 163	54
3	143	058	444	5	164 / 122	98 / 42	175	705	476	5	196 / 154	94 / 42
4	138	021	439	5	158 / 118	140 / 40	183	021	484	5	204 / 162	136 / 42
5	211	722	512	5	225 / 197	180 / 28	62	501	363	5	77 / 47	178 / 30
6	285	650	586	5	285 / 265	208 / 20 / 40	39	065	340	5	60 / 18	208 / 42
7	239	700	540	5	261 / 217	248 / 44	115	472	416	5	137 / 93	250 / 44
8	155	151	456	5	124 / 136	292 / 38	221	421	522	5	240 / 202	294 / 38
~~9~~	1507.043			~~5~~		330	1178.695					332
BM 27-65												

DESCRIPTION AND REMARKS

FROM BM 27-66 TO BM 27-65

BM 27-66
Crenshaw Blvd. & Manchester Blvd.
See F.B. 1393-56

π Kapp

Summation of Run
From B.M. 27-66
To B.M. 27-65

Total Backsights = + 1507.043
Total Foresights = − 1178.695
Diff. Elev. = + 328.348

Backsight stadia = 330
Foresight Stadia = 332
Total Stadia = 662

BM 27-65 (L.A. City)
8th Ave. & 81st St. (E.)
See F.B. 1393-55

WEATHER
TIME 11:25 12:00
NOTES CHKD
INST. NO. 96716
ROD NO. 9-19
DATE MAY 20 '65

F.B. 3743 PG. 160
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY A. E. Brooks NOTES
INDEXED C. J. [illegible] DATE

76P526B CE # 306 8-59

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY F. E. Brooks
NOTES BY F. E. Brooks DATE 19 March 1965 WEATHER Clear
INDEXED C. J. GALLI DATE TIME 2:00 - 2:30 INST. NO. 02716
NOTES CHKD. DATE ROD NO. F-12
DATE MAY 20 '65
F.B. 1393 Pg. 161

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-66 TO BM27-67
BM27-66													BM27-66 Crenshaw Blvd & Manchester See FB 1393-56
1	164	473	465	5	164 / 141	23 / 46	158	739	459	5	182 / 134	48	
2	136	937	437	5	157 / 119	34 / 80	153	998	454	5	170 / 132	34 / 82	π M.L. Bustrum
3	133	600	434	5	160 / 106	54 / 134	143	365	444	5	170 / 116	54 / 136	
4	150	519	451	5	168 / 132	36 / 170	139	161	440	5	158 / 120	38 / 174	Summation of Run From B.M. 27-66 To B.M. 27-67
5	163	356	464	5	190 / 136	54 / 224	94	358	395	5	122 / 66	56 / 230	
6	156	371	457	5	181 / 131	50 / 274	183	607	484	5	206 / 160	46 / 276	Total Backsights = + 1195.434' Total Foresights = − 1490.025' Diff. Elev. = −294.591'
7	98	183	399	5	120 / 75	45 / 319	194	809	495	5	216 / 172	44 / 320	
8	86	152	387	5	112 / 60	52 / 371	203	375	504	5	229 / 177	52 / 372	Backsight Stadia = 407' Foresight Stadia = 408' Total Stadia = 815 meters
9	165	845	406	5	123 / 87	36 / 408	218	325	519	5	236 / 200	36 / 408	
	1195	434					1490	025					
BM27-67													BM 27-67 Crenshaw Blvd and Arbor Vitae St. See F.B. 1393-57

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-67 TO BM 27-66
BM 27-67													BM 27-67
1	232	830	533	5	250 214	36	120	270	421	5	138 102	36	Crenshaw Blvd and Arbor Vitae St.
2	212	925	513	5	278 186	52 88	95	803	396	5	120 70	50 86	See F.B. 1393-57
3	206	999	507	5	279 183	46 134	107	459	408	5	130 84	46 132	T.K. M. Kapp
4	192	570	493	5	216 168	48 182	167	987	468	5	191 143	48 180	Summation of Run From B.M. 27-67 To B.M. 27-66
5	103	190	404	5	130 76	54 236	171	956	472	5	198 144	54 234	
6	150	605	451	5	168 132	36 272	161	989	462	5	179 143	36 270	Total Backsights = + 1588.035
7	151	950	452	5	178 124	54 326	142	231	443	5	168 116	52 322	Total Foresights = − 1293.143 Diff. Elev. = + 294.892
8	165	758	466	5	182 148	34 360	148	175	449	5	166 130	36 358	Backsight stadia = 408
9	171	208	472	5	195 147	48 408	177	273	478	5	177 154	23x2 46 404	Foresight Stadia = 404 Total Stadia = 812 meters
	1588	035					1293	143					
BM 27-66													BM 27-66 Crenshaw Blvd and Manchester See F.B. 1393-56

F.B. 3743 PG. 162 JOB NO. 0301.02

SURVEY OF E.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES [illegible] F.L.

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 96716

TIME 10:45 - 11:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 20 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA
BM27-67								
1	166	958	467 5	190 / 142 48	194	832	495 5	216 / 172 44
2	114	199	415 5	136 / 92 44 / 92	198	268	499 5	222 / 174 48 / 92
3	94	963	395 5	117 / 71 46 / 138	210	963	511 5	232 / 188 44 / 136
4	82	273	383 5	108 / 56 52 / 190	215	753	516 5	241 / 189 52 / 188
5	107 / ~~106~~	073	408 / ~~407~~ 5	130 / 84 46 / 236	253	249	554 5	276 / 230 46 / 234
6	15	209	316 5	34 / 15 112 19 / 38 / 274	250	407	551 5	269 / 231 38 / 272
7	64	375	365 5	85 / 43 42 / 316	237	375	538 5	257 / 217 40 / 312
8	158	078	459 5	170 / 146 24 / 340	69	343	370 5	82 / 56 26 / 338
9	203	432	504 5	216 / 189 27 / 367	245	701	546 5	257 / 232 25 / 363
10	73	913	374 5	81 / 65 16 / 383	248	903	549 5	258 / 238 20 / 383
11	83	458	384 5	97 / 69 28 / 411	223	769	524 5	238 / 208 30 / 413
12 ~~BM27-68~~	166 / ~~117~~	865	467 5 / ~~418 5~~	174 / 158 16 / 427	117	535	418 5	125 / 109 16 / 429
BM 27-68	1330	796			2466	098		

DESCRIPTION AND REMARKS

FROM BM27-67 TO BM27-68

BM27-67
Crenshaw Blvd & Arbor Vitae St.
See FB 1393-57

π Bustrum

Summation of Run
From B.M. 27-67
To B.M. 27-68

Total Backsights = + 1330.796
Total Foresights = − 2466.098
Diff. Elev. = −1135.302

Backsight stadia = 427
Foresight Stadia = 429
Total Stadia = 856 meters

BM27-68
Crenshaw Blvd. & Century Blvd.
See F.B. 1393-58

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

SURVEY BY P.E. Brooks

NOTES BY K.M. Karp DATE 3-19-65

INDEXED C.J. GALLI DATE

WEATHER Clear-Windy INST. NO. 96716

TIME 2:40-3:25 ROD NO. 9-19

NOTES CHKD [illegible] DATE MAY 20 '65

F.B. 3743 PG. 163

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

WEATHER Cloudy INST. NO. 96716
TIME 10:00 10:45 ROD NO. 4-19
NOTES CHKD DATE MAY 20 '65

F.B. 3743 PG. 164 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Run
SURVEY BY F. E. Brooks NOTES
INDEXED C. J. GALL DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-68 TO BM 27-67
BM 27-68													BM 27-68 Crenshaw Blvd and Century Blvd. See F.B. 1393-56
1	124	952	425	5	132 116	16	193	220	494	5	200 186	14	
2	251	248	552	5	266 236	30	89	445	390	5	103 75	28	T. K. Kapp.
3	248	870	549	5	257 239	46 18	75	490	376	5	84 66	42 18	
4	275	583	576	5	286 264	64 22	235	438	536	5	250 220	60 30	Summation of Run From B.M. 27-68 To B.M. 27-67
5	77	820	378	5	90 64	66 26	164	371	465	5	176 152	90 24	
6	244	230	545	5	264 224	112 40	72	888	373	5	93 51	114 42	
7	263	955	564	5	283 243	152 40	29	808	330	5	47 11	156 36	Total Backsights = +2587.636
8	261	610	562	5	284 238	192 46	112	833	413	5	135 89	192 46	Total Foresights = −1452.429
9	221	502	522	5	247 195	238 52	89	308	390	5	115 63	238 52	Diff. Elev. = +1,135.207
10	210	950	511	5	232 188	290 44	95	851	396	5	118 72	290 46	Backsight stadia = 424
11	205	868	506	5	228 182	334 46	120	402	421	5	143 97	336 46	Foresight Stadia = 430
12	201	048	502	5	223 179	380 44	173	375	474	5	197 149	382 48	Total Stadia = 854
	2 587.636					424	1,452.429					430	BM 27-67 Crenshaw Blvd and Arbor Vitae St. See F.B. 1393-57
BM 27-67													

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA
BM27-68								
1	41	098	342 5	54 28 26	282	169	583 5	292 272 20
2	22	450	323 5	33 1/2 22 11 22 48	270	972	571 5	282 258 24 44
3	40	538	341 5	52 28 24 72	269	728	570 5	283 255 28 72
4	71	680	372 5	84 58 26 98	218	457	519 5	232 204 28 100
5	56	655	357 5	75 37 38 136	216	168	517 5	216 1/2 197 19 38 138
6	65	465	366 5	84 46 38 174	229	815	530 5	248 210 38 176
7	74	728	375 5	100 47 53 227	300	523	601 5	300 1/2 274 26 52 228
8	71 ~~78~~	019	372 5	92 50 42 269	230	861	531 5	252 208 44 272
9	67	913	368 5	91 43 48 317	231	808	532 5	253 208 45 317
10	80	149	381 5	101 59 42 359	222	832	523 5	243 201 42 359
11	98	083	399 5	123 73 50 409	259	859	560 5	283 235 48 407
12	88	578	389 5	110 1/2 88 22 44 453	228	180	529 5	250 206 44 451
13	95	203	396 5	110 80 30 483	237	237	538 5	252 221 31 482
BM 27-69A	873	559			3198	609		

DESCRIPTION AND REMARKS

FROM BM27-68 TO BM27-69A

BM27-68
Crenshaw Blvd & Century Blvd.
See FB1393-58

π Bustrum

Summation of Run
From B.M. 27-68
To B.M. 27-69A

Total Backsights = + 873.559
Total Foresights = − 3198.609
Diff. Elev. = −2325.050

Backsight stadia = 483
Foresight Stadia = 482
Total Stadia = 965 Meters

BM 27-69A See F.B. 1393-69
Crenshaw Blvd. & 109th St.

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

SURVEY BY P. E. Brooks

NOTES BY K. M. Kapp DATE 3-23-65

INDEXED C. J. GALLY DATE

WEATHER Cloudy INST. NO. 86710

TIME 8:50-9:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE 20 '65

F.B. 3743 Pg. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

WEATHER WINDY CLEAR INST. NO. 96716
TIME 2:10 - 3:00 ROD NO. 8-19
NOTES CHKD. DATE MAY 20 '68

SURVEY OF L.A. Co. Precise Level Net JOB NO. 0301.02
SURVEY BY F. E. Brede NOTES A. WORKMAN
INDEXED C. J. GALLIS DATE
F.B. 3743 PG. 166

STATION	BACKSIGHT RIGHT	BACK MIC.	BACK LEFT		BACK STADIA		FORESIGHT RIGHT	FORE MIC.	FORE LEFT		FORE STADIA		DESCRIPTION AND REMARKS
													FROM BM 27-69A TO BM 27-68
BM 27-69A	~~24~~			~~5~~						~~5~~			BM 27-69A
													Crenshaw Blvd. & 109th St.
1	244	378	545	5	260 228	32	97	765	398	5	113 81	32	See F.B. 1393-69
2	227	348	528	5	249 205 ~~90~~	44	90 ~~391~~	834	391	5	112 68	44	T K. KAPP
3	265	162	566	5	289 241	76 48	105	084	406	5	130 80	76 50	
4	229	168	550	5	250 208	124 42	86	609	387	5	107 65	126 42	Summation of Run
5	240	950	541	5	263 217	166 46	77	002	378	5	100 54	168 46	From B.M. 27-69A
													To B.M. 27-68
6	232	032	533	5	254 210	212 44	70	130	371	5	91 49	214 42	
7	298	090	599	5	298 272	256 226 32	73	830	374	5	100 46	256 54	Total Backsights = + 3243.693
													Total Foresights = − 919.065
8	240	012	541	5	259 221	308 38	76	280	377	5	95 57	310 38	Diff. Elev. = + 2324.628
9	224	932	525	5	243 205	346 38	65	638 ~~27~~	366	5	84 46	348 38	
10	218	525	519	5	232 207	384 28	66	921	367	5	79 53	386 26	Backsight Stadia = 480
11	256	530	557	5	269 243	412 26	37	395	338	5	50 24	412 26	Foresight Stadia = 488
													Total Stadia = 968
12	276	041	577	5	287 265	438 22	26	749	326	5	37 13	438 24	
13	290	525	591	5	300 280	460 20	45	328	346	5	58 32	462 26	
BM 27-68	3243	693				480	919	065				488	BM 27-68 F.B. 1393-58
													Crenshaw Blvd. & Century Blvd.

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]ED 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 BM27-68 TO BM27-69A
BM27-68									BM27-68
1	50	675	351 5	63 37 26	289	470	590 5	299 279 20	Crenshaw Blvd and Century Blvd. See F.B. 1393-58
2	33	282	334 5	44 22 22 48	284	002	585 5	296 272 24 44	π K.M. Kapp
3	43	118	344 5	55 31 24 72	266	424	567 5	280 252 28 72	
4	74	300	375 5	87 61 26 98	227	240	528 5	241 213 28 100	Summation of Run From B.M. 27-68 To B.M. 27-69A
5	62	410	363 5	81 43 38 136	236	468	537 5	255 217 38 138	
6	86	180	387 5	105 67 38 174	235	322	536 5	254 216 38 176	Total Backsights = + 969.081
7	75	410	376 5	102 48 54 228	299	512	600 5	299 273 26 52 228	Total Foresights = − 3293.778
8	76	715	377 5	97 55 42 270	238	782	539 5	260 216 44 272	Diff. Elev. = −2324.697
9	79	542	380 5	102 56 46 316	242	900	543 5	265 219 46 318	Backsight stadia = 480
10	84	752	385 5	105 63 42 358	227	431	528 5	248 206 42 360	Foresight Stadia = 482
11	106	825	407 5	131 81 50 408	269	592	570 5	293 245 48 408	Total Stadia = 962 meters
12	97	360	398 5	118 72 42 450	233	615	534 5	255 211 44 452	BM27-69A
13	98	512	399 5	113 83 30 480	243	020	544 5	258 228 30 482	Crenshaw Blvd and 109th St. See F.B. 1393-69
BM27-69A	969	081			3293	778			

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 25 March 1965

INDEXED G. J. GALLI DATE

WEATHER Clear

TIME 8:30 - 9:10

NOTES CHKD [illegible]

INST. NO. 96716

ROD NO. 9-19

DATE MAY 20 '65

F.B. 3743 PG. 166A

F.B. 3743 PG. 166B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

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

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LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY P. E. Brooks WEATHER Overcast INST. NO. 20116

NOTES BY P. E. Brooks DATE 23 March 1965 TIME 9:40 - 10:00 ROD NO. 9-19

INDEXED C. J. GALL DATE NOTES CHKD DATE MAY 20 '65

F.B. 1393 Pg. 61

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-69A TO BM27-70A
BM27-69A													BM27-69A Crenshaw Blvd & 109th St. See FB. 1393-69
1	172	728	473	5	182 162	20	159	619	460	5	169 149	20	
2	100	640	401	5	122 78	44 64	146	773	497	5	218 174	44 64	
3	93	570	394	5	117 69	48 112	191	765	442	5	216 166	50 114	T Mk. Bustum
4	102	873	403	5	123 81	42 154	208	675	509	5	230 186	44 158	
5	178	373	479	5	207 152	52 206	129	213	430	5	155 103	52 210	
6	113	178	414	5	142 84	58 264	240	755	541	5	268 212	56 266	
	761	362					1126	800					
BM27-70A													BM27-70A Crenshaw Blvd and 113th St. See F.B. 1393-70

Summation of Rods
From B.M. 27-69A
To B.M. 27-70A

Total Backsights = 761. 362
Total Foresights = 1126. 800
Diff. Elev. = -365.438

Backsight stadia = 264
Foresight Stadia = 266
Total Stadia = 530

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700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-70A TO BM27-69A
BM 27-70A													BM 27-70A Crenshaw Blvd and 113Th St. see F.B. 1393-70
1	251	267	552	5	280 222	58	124	650	425	5	154 94	60	
2	137	681	438	5	161 113	48	186	025	487	5	211 161	50	T K. KAPP
3	218	000	519	5	241 195	106 46	111	565	412	5	130 92	110 38	
4	200	631	501	5	224 176	152 48	93	422	394	5	118 68	148 50	
5	189	172	490	5	211 167	200 44	103	487	404	5	125 81	198 44	
6	167	940	468	5	177 157	244 20	179	887	480	5	189 169	242 20	
	1164	691				264	799	036				262	
BM27-69A													BM 27-69A Crenshaw Blvd and 109Th St. see F.B. 1393-69

Summation of Run
From B.M. 27-70A
To B.M. 27-691

Total Backsights = + 1164 691
Total Foresights = + 799 036
Diff. Elev. = ~~+365 655~~
+365 655

Backsight stadia = 264
Foresight Stadia = 262
Total Stadia = 526 meters

F.B. 3743 Pg. 168
JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY A. E. Brooks NOTES A. WORKMAN
INDEXED C. J. GALLI DATE
WEATHER WINDY CLEAR INST. NO. 96716
TIME 1:40 ROD NO. 9-19
NOTES CHKD [signature] DATE NOV 20 '65

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS
BM27-70A									BM 27-70A Crenshaw Blvd & 113th St. See F.B. 1393-70
1	166	105	467 5	189 143 46	171	873	472 5	194 148 46	
2	104	572	405 5	126 82 44 90	179	572	480 5	200 158 42 88	π Bustrum
3	112	029	413 5	135 89 46 136	191	263	492 5	213 169 44 132	
4	120	670	421 5	140 100 40 176	189	203	490 5	212 166 46 178	Summation of Run From B.M. 27-70A To B.M. 27-71
5	122	492	423 5	145 99 46 222	186	238	487 5	209 163 46 224	
6	113	780	414 5	136 90 46 268	192	613	493 5	216 168 48 272	
7	106	431	407 5	132 80 52 320	185	828	486 5	210 160 50 322	Total Backsights = + 1185.275 ✓ Total Foresights = − 1837.785 ✓ Diff. Elev. = −652.510 ✓
8	116	819	417 5	139 93 46 366	185	865	486 5	207 163 44 366	
9	116	829	417 5	138 94 44 410	156	660	457 5	179 133 46 412	Backsight stadia = 448 ✓ Foresight Stadia = 448 ✓ Total Stadia = 896 ✓ Meters
10	105	548	406 5	124 86 38 448	198	670	499 5	216 180 36 448	
	1185	275			1837	785 ✓			
BM27-71									BM 27-71 Crenshaw Blvd. & 120th St. See F.B. 1393-61

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

SURVEY BY F. E. Brooks

NOTES BY K.M. Kapp DATE 3-23-65

INDEXED G. J. GALLI DATE

WEATHER Cloudy INST. NO. 96716

TIME 10:10-10:50 ROD NO. 9-19

NOTES CHKD [signature] DATE NOV 20 '65

F.B. 3743 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-71 TO BM 27-70A
BM 27-71													BM 27-71
1	200	107	501	5	218 182	36	110	200	411	5	129 91	38	Crenshaw Blvd. & 120th St. See F.B. 1393-61
2	166	348	467	5	189 143	46 82	119	821	420	5	140 98	42 80	π K.M. Kapp
3	193	328	494	5	216 170	46 128	128	062	429	5	151 105	46 126	Summation of Run
4	197	489	498	5	222 172	50 178	115	703	416	5	140 90	50 176	From B.M. 27-71 To B.M. 27-70A
5	196	739	497	5	220 172	48 226	120	275	421	5	143 97	46 222	
6	195	928	496	5	217 173	44 270	131	990	432	5	154 108	46 268	Total Backsights = + 1919.019 ✓ Total Foresights = − 1265.687 ✓
7	197	483	498	5	219 175	44 314	129	985	430	5	150 108	42 310	Diff. Elev. = +653.332 ✓
8	199	772	500	5	220 178	42 356	124	070	425	5	146 102	44 354	
9	192	515	493	5	215 169	46 402	112	898	413	5	134 90	44 398	Backsight stadia = 444 ✓ Foresight Stadia = 446 ✓
10	179	250	480	5	200 158	42 444	172	683	473	5	196 148	48 446	Total Stadia = 890 ✓ meters
	1919	019 ✓					1265	687 ✓					
BM 27-70A													BM 27-70A Crenshaw Blvd. & 113th St. See F.B. 1393-70

F.B. 3749 Pg. 170

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brown NOTES F.E.B.

INDEXED C. J. GALLI DATE

WEATHER Clear - Windy INST. NO. 96716

TIME 1100 - 1:40 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 20 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible]NGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]E: ANY ADDITIONS OR CHANGES [illegible]HIS SHEET MUST BE MADE OR C[illegible]ED 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 27-70A TO BM 27-71
BM 27-70A									BM 27-70A Crenshaw Blvd and 113th St. See F.B. 1393-70
1	169	803	470 5	192 146 46	177	011	478 5	200 154 46	
2	111	340	412 5	133 89 44 90	186	329	487 5	207 165 42 88	π KM Kapp
3	116	780	417 5	139 93 46 136	195	198	496 5	217 173 44 132	
4	131	635	432 5	152 110 42 178	200	258	501 5	222 178 44 176	Summation of Run From B.M. 27-70A To B.M. 27-71
5	130	140	431 5	153 107 46 224	194	111	495 5	217 171 46 222	
6	118	730	419 5	141 95 46 270	197	000	498 5	220 174 46 268	Total Backsights = + 1255.150 Total Foresights = − 1908.557 Diff. Elev. = − 653 407
7	114	932	415 5	138 90 48 318	195	013	496 5	220 170 50 318	
8	127	023	428 5	150 104 46 364	192	385	493 5	214 170 44 362	Backsight stadia = 446 Foresight Stadia = 444 Total Stadia = 890 meters
9	122	985	423 5	144 100 44 408	168	312	469 5	191 145 46 408	
10	111	782	412 5	130 92 38 446	202	940	503 5	220 184 36 444	
	1255	150			1908	557			
BM 27-71									BM 21-71 Crenshaw Blvd and 120th St. See F.B. 1393-61

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 24 March

INDEXED C. J. GALLI DATE

WEATHER Clear Windy INST. NO. 46716

TIME 3:00 - 3:30 ROD NO. 9-19

NOTES CHKD. [illegible] DATE NOV 20 '65

F.B. 3743 PG. 170A

F.B. 3743 Pg. 170B JOB NO.

SURVEY OF

SURVEY BY NOTES

INDEXED DATE

WEATHER INST. NO.

TIME ROD NO.

NOTES CHKD DATE

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks WEATHER Broken Clouds INST. NO. 46776

NOTES BY F. E. Brooks DATE 23 March 1965 TIME 10:55 - 11:25 ROD NO. 9-12

INDEXED G. J. GALLI DATE NOTES CHKD DATE NOV 20 '65

F.B. 3174 3 Pg. 177

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS FROM BM27-71 TO BM27-73
BM27-71													BM27-71 Crenshaw Blvd & 120th St. See FB. 1393-61
1	167	534	468	5	183 151	32	174	833	475	5	191 157	34	
2	156	261	457	5	179 133	46 78	171	981	472	5	193 149	44 78	T M.L. Bustrum
3	127	428	428	5	152 102	50 128	164	609	465	5	187 141	46 124	
4	148	339	449	5	174 122	52 180	166	271	467	5	192 140	52 176	
5	132	948	433	5	153 111	42 222	161	915	462	5	185 137	48 224	
6	146	379	447	5	161 131	30 252	159	831	490	5	204 174	30 254	
	878	694					1029	440					
BM27-73													BM27-73 Crenshaw Blvd and Broadway See FB. 1393-62

Summation of Run
From B.M. 27-71
To B.M. 27-73

Total Backsights = + 878.694
Total Foresights = − 1029.440
Diff. Elev. = − 150.746

Backsight Stadia = 252
Foresight Stadia = 254
Total Stadia = 506 meters

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 96716 ROD NO. 9-19 DATE MAY 20 '85

WEATHER OVERCAST TIME 11:15 - 11:45 NOTES CHKD

F.B. 3943 PG. 172 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES A. Workman

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT		BACKSIGHT STADIA		FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT		FORESIGHT STADIA		DESCRIPTION AND REMARKS
													FROM BM27-73 TO BM27-72
BM27-73													BM27-73 Crenshaw Blvd and Broadway See F.B. 1393-62
1	197	170	498	5	212 / 182	30	154	449	455	5	169 / 139	30	
2	170	920	471	5	193 / 147	46	140	709 / 712	441	5	162 / 118	44	
3	172	500	473	5	198 / 146	76 / 52	155	375	456	5	181 / 129	74 / 52	K. KAPP
4	165	625	466	5	188 / 142	128 / 46	128	702	429	5	152 / 104	126 / 48	
5	180	313	481	5	202 / 158	174 / 44	163	740	464	5	186 / 140	174 / 46	
6	186	745	487	5	203 / 169	218 / 34	179	557	480	5	195 / 163	220 / 32	
	1073	273				252	922	332				252	
BM27-72													BM27-~~72~~ 71 Crenshaw Blvd and 120th ST. See F.B. 1393-61

Summation of Run
From B.M. 27-73
To B.M. 27-72

Total Backsights = + 1073.273
Total Foresights = − 922.332
Diff. Elev. = + 150.941

Backsight Stadia = 252
Foresight Stadia = 252
Total Stadia = 504 METERS

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-73 TO BM 27-74A
BM 27-73													BM 27-73 Crenshaw Blvd & Broadway See F.B. 1393-62
	218	835	519	5	226 210	16	239	072	540	5	248 230	18	
													π M.L. Bustrum
BM 27-74A													BM 27-74A Crenshaw Blvd and Broadway see F.B. 1393-62
													Summation of Run From B.M. 27-73 To B.M. 27-74A
													Total Backsights = + 218.835
													Total Foresights = − 239.072
													Diff. Elev. = −20.237
													Backsight stadia = 16
													Foresight Stadia = 18
													Total Stadia = 34 meters

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

SURVEY BY F. E. Brooks WEATHER Broken Clouds INST. NO. 96716

NOTES BY F. E. Brooks DATE 23 March 1965 TIME 11:30 ROD NO. 9-19

INDEXED C. J. GALLI DATE NOTES CHKD DATE NOV 20 '65

F.B. 3743 Pg. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3743 PG. 174 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F. E. Brooks

INDEXED C. J. GALLY DATE

WEATHER Overcast - Windy INST. NO. 26716

TIME 11:10 ROD NO. 9-19

NOTES CHKD. DATE

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 27-74A TO BM 27-73
BM 27-74A													BM 27-74A Crenshaw Blvd and Broadway See F.B. 1393-62
	245	745	541	5	254 232	18	225	570	526	5	234 212	18	
													T K. M. Kapp
BM 27-73													BM 27-73 Crenshaw Blvd and Broadway See F.B. 1393-62

Summation of Run
From B.M.
To B.M.

Total Backsights = + 245.745
Total Foresights = − 225.570
Diff. Elev. = + 20.175

Backsight stadia = 18
Foresight Stadia = 18
Total Stadia = 36

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM27-74A TO BM27-75A
BM27-74A													BM27-74A (FCBM 114 RW-111) Crenshaw Blvd & Broadway See FB. 1393-62
1	219	675	520	5	239 / 199	40	188	205	489	5	208 / 168	40	
2	105	265	406	5	136 / 74	62 / 102	169	371	470	5	199 / 139	60 / 100	⊼ Bustrum
3	136	793	437	5	159 / 113	46 / 148	163	653	464	5	186 / 140	46 / 146	
4	133	383	434	5	163 / 103	60 / 208	97	073	398	5	127 / 67	60 / 206	
	595	116					618	302					
BM27-75A													BM 27-75A Crenshaw Blvd. & El Segundo Blvd. See F.B. 1393-63

Summation of Run
From B.M. 27-74A
To B.M. 27-75A

Total Backsights = + 595.116
Total Foresights = − 618.302
Diff. Elev. = − 23.186

Backsight stadia = 208
Foresight Stadia = 206
Total Stadia = 414 meters

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

SURVEY BY F. E. Brooks WEATHER Cloudy INST. NO. 96716

NOTES BY K. M. Kapp DATE 3-23-65 TIME 11:35-11:50 ROD NO. 5-19

INDEXED G. J. GALLI DATE NOTES CHKD [signature] DATE NOV 20 '65

F.B. 3743 Pg. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-75A TO BM27-74A
BM 27-75A									BM27-75A Crenshaw Blvd and El Segundo Blvd. See F.B. 1393-63
1	104	772	405 5	134 74 60	141	156	442 5	170 112 58	
2	173	369	474 5	196 150 46 106	145	450	446 5	108 122 46 104	
3	174	521	475 5	204 144 60 166	111	253	412 5	142 80 62 166	π K.M. Kapp
4	191	582	492 5	211 171 40 206	223	312	524 5	243 203 40 206	
	644	244			621	171			
BM 27-74A									BM 27-74A (FCBM 114-RW 111) Crenshaw Blvd and Broadway See F.B. 1393-62

Summation of Run
From B.M. 27-75A
To B.M. 27-74A

Total Backsights = + 644.244
Total Foresights = − 621.171
Diff. Elev. = + 23.073

Backsight stadia = 206
Foresight Stadia = 206
Total Stadia = 412 meters

F.B. 3743 PG. 176 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F.E.B.
INDEXED C. J. GALLI DATE
WEATHER Overcast Windy INST. NO. 96716
TIME 11:00 – 11:18 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 20 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM27-75A TO BM27-76A
BM27-75A									BM27-75A Crenshaw Blvd. & El Segundo Blvd. See FB 1393-63
1	85	681	386 5	107 63 44	129	077	430 5	152 106 46	
2	125	233	426 5	147 103 44 88	158	373	459 5	179 137 42 88	⊼ M.L. Bustrum
3	141	609	442 5	165 117 48 136	151	323	452 5	176 126 50 138	
4	143	693	444 5	168 118 50 186	128	070	429 5	153 103 50 188	
5	165	619	466 5	187 143 44 230	202	502	503 5	224 180 44 232	
6	150	693	451 5	175 125 50 280	175	102	476 5	200 150 50 282	
7	140	592	441 5	164 116 48 328	173	197	474 5	195 151 44 326	
~~8~~	953	098			1117	644			
BM27-76A									BM27-76A Crenshaw Blvd and 134th St. see F.B. 1393-70

Summation of Run
From B.M. 27-75A
To B.M. 27-76A

Total Backsights = + 953.098
Total Foresights = − 1117.644
Diff. Elev. = − 164.546

Backsight stadia = 328
Foresight Stadia = 326
Total Stadia = 654 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 23 March 1965

INDEXED G. J. GALLI DATE

WEATHER Broken Clouds INST. NO. 92716

TIME 2:30 - 2:55 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 20 '65

F.B. 3443 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 27-76A TO BM 27-75A
BM 27-76A									BM 27-76A Crenshaw Blvd and 134th St See F.B. 1393-70
1	186	950	487 5	208 / 164 44	154	398	455 5	178 / 130 48	
2	186	913	487 5	211 / 161 50	162	821	463 5	186 / 138 48	
3	213	816	514 5	235 / 191 44 94	178	276	479 5	200 / 156 44 96	K. KAPP
4	140	602	441 5	165 / 115 50 138	153	670	454 5	178 / 128 50 140	
5	160	192	461 5	184 / 136 48 188	153	380	454 5	177 / 129 48 190	
6	165	628	466 5	186 / 144 42 236	130	790	431 5	152 / 108 44 238	
7	142	751	443 5	165 / 119 46 278	99	108	400 5	121 / 77 44 282	
	1,196	852		324	1032	443		326	
BM 27-75A									BM 27-75A Crenshaw Blvd and El Segundo Blvd. See F. B. 1393-63

Summation of Run
From B.M. 27-76A
To B.M. 27-75A

Total Backsights = +1,196,852
Total Foresights = -1032443
Diff. Elev. = +164,409

Backsight stadia = 324
Foresight Stadia = 326
Total Stadia = 650 METERS

F.B. 3743 PG. 178 JOB NO. 0501.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES A. WORKMAN

INDEXED G. J. GALL DATE

WEATHER OVERCAST INST. NO. 96716

TIME 10:30 - 10:50 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 20 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM27-76A TO BM27-77A
BM27-76A									BM27-76A Crenshaw Blvd. & 134TH st. See FB 1393-70.
1	185	025	486 5	194 176 18	151	138	452 5	160 142 18	
2	163	707	464 5	187 139 48 66	141	458	442 5	165 117 48 66	⊼ M. L. Bustrum
3	162	707	463 5	190 134 56 122	137	738	438 5	166 108 58 124	
4	163	607	464 5	188 138 50 172	153	137	454 5	178 128 50 174	
5	131	297	432 5	156 107 49 221	153	582	454 5	178 128 50 224	
6	130	948	431 5	156 104 52 273	148	495	449 5	171 125 46 270	
7	161	833	462 5	169 153 16 289	171	705	472 5	181 161 20 290	
	1099	124			1057	253			
BM27-77A									BM27-77A Crenshaw Blvd and 139th st. See F.B. 3703-145

Summation of Run
From B.M. 27-76A
To B.M. 27-77A

Total Backsights = + 1099.124
Total Foresights = − 1057.253
Diff. Elev. = + 41.871

Backsight stadia = 289
Foresight Stadia = 290
Total Stadia = 579 meters

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks DATE 23 March 1965

INDEXED G. J. GALLI DATE

WEATHER Broken Clouds INST. NO. 96716

TIME 3:00-3:25 ROD NO. 9-19

NOTES CHKD. [illegible] DATE [illegible] 20 '65

F.B. 3743 Pg. 179

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 27-77A TO BM 27-76A
BM 27-77A									BM 27-77A Crenshaw Blvd and 134 Th St. See F.B. 3703-145
1	180	660	481 5	189 171 18	171	766	472 5	179 163 16	
2	162	129	463 5	186 138 48 66	140	115	441 5	165 165 50 66	⊼ K.M. Kapp
3	159	847	460 5	184 134 50 116	141	956	442 5	165 117 48 114	
4	163	910	464 5	188 138 50 166	175	229	476 5	200 150 50 164	
5	145	350	446 5	174 116 58 224	167	662	468 5	194 140 54 218	
6	150	618	451 5	173 127 46 270	172	036	473 5	198 146 52 290	
7	161	168	462 5	170 152 18 288	196	348	497 5	205 187 18 288	
	1123	072			1165	114			
BM 27-76A									BM 27-76A Crenshaw Blvd and 134 Th St. See F.B. 1393-70

Summation of Run
From B.M. 27-77A
To B.M. 27-76A

Total Backsights = + 1123.072
Total Foresights = − 1165.114
Diff. Elev. = − 42.042

Backsight Stadia = 288
Foresight Stadia = 288
Total Stadia = 576 meters

F.B. 3443 PG. 180

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY F. E. Brooks NOTES F.E.B.

INDEXED C. J. GALLY DATE

JOB NO. 6301.02

WEATHER overcast INST. NO. 96716

TIME 10:00 - 10:15 ROD NO. 9-19

NOTES CHKD [signature] DATE MAY 20 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 27-77A TO BM 21-12A
BM 27-77A									BM 27-77A Crenshaw Blvd & 139th St See FB 3703-145
1	169	890	470 5	177 161 16	148	542	449 5	157 139 18	
2	164	758	465 5	189 139 50	152	973	453 5	177 127 50	
3	163	162	464 5	191 135 56 66	158 ~~154~~	988 ~~750~~	459 5 ~~455 5~~	186 130 ~~168~~ ~~140~~ 106 12	π K.M. Kapp
4	159	712	460 5	183 135 48 122	130	870	431 5	156 104 52	
5	166	233	467 5	190 142 48 170	141	149	442 5	167 115 52 170	
6	182	640	483 5	192 172 20 218	157	351	458 5	166 148 18 222	
BM 21-12A	1.006	395		238	889	873		246	BM 21-12A CRENSHAW BLVD. & ROSECRANS AVE. SEE FB 3702-27

[illegible]ation of Run
[illegible]m B.M. 27-77A
To B.M. 21-12A

Total Backsights = +1.006.395
Total Foresights = − 889.873
Diff. Elev. = +116.522

Backsight stadia = 238
Foresight Stadia = 246
Total Stadia = 484

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

SURVEY BY F. E. Brooks

NOTES BY A. WORKMAN DATE 24 March 1965

INDEXED C. J. [illegible] DATE

WEATHER Overcast INST. NO. 9L716

TIME 8:45 – 9:10 ROD NO. 9-19

NOTES CHKD [illegible] DATE NOV 20 '65

F.B. 3743 Pg. 18

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE 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 21-12A TO BM 27-77A
1	155	870	456 5	166 / 144 22	181	288	482 5	192 / 172 20	BM 21-12A Crenshaw Blvd and Rosecrans Ave See F.B. 3702-27
2	142	438	443 5	167 / 117 50	167	488	468 5	191 / 143 48	
3	133	718	434 5	157 / 109 72 / 48	161	470	462 5	186 / 136 68 / 50	K. KAPP
4	154	981	455 5	182 / 126 120 / 56	159	492	460 5	187 / 131 118 / 56	
5	151	243	452 5	176 / 126 176 / 50	164	080	465 5	189 / 139 174 / 50	
6	148	803	449 5	157 / 139 226 / 18	169	682	470 5	177 / 161 224 / 16	
BM 27-77A	887	053		244	1003	500		240	BM 27-77A CRENSHAW BLVD. & 139th ST. SEE FB 3703-145

Summation of Run
From B.M. 21-12A
To B.M. 27-77A

Total Backsights = -887.053
Total Foresights = -1003.500
Diff. Elev. = -116.447

Backsight stadia = 244
Foresight Stadia = 240
Total Stadia = 484

WEATHER OVERCAST INST. NO. 96416
TIME 9:30 - 9:55 ROD NO. 9-19
NOTES CHKD [signature] DATE MAY 20 '65

F.B. 3743 PG. 182 JOB NO. 0701.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES A. WORKMAN
INDEXED G. J. GALLE DATE

76P526B CE # 308 8-59

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

700 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

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

SURVEY BY F. E. Brooks

NOTES BY F. E. Brooks

INDEXED C. J. [illegible]

DATE 24 March 1965

DATE

WEATHER Overcast

TIME 9:15

NOTES CHKD [illegible]

INST. NO. [illegible]

ROD NO. 4-19

DATE MAY 20 [illegible]

F.B. 3743 Pg. 183

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		FROM BM 21-12A TO BM 21-11A1
BM 21-12A													BM 21-12A Crenshaw Blvd and Rosecrans Ave See F.B. 3702-27
	180	000	481	5	208 150	58	210	252	511	5	238 182	56	
													π K M Kapp
BM 21-11A1													BM 21-11A1 Crenshaw Blvd and Rosecrans Ave See F.B. 3702-27

Summation of Run
From B.M. 21-12A
To B.M. 21-11A-1

Total Backsights = + 180.000
Total Foresights = − 210.252
Diff. Elev. = −30.252

Backsight stadia = 58
Foresight Stadia = 56
Total Stadia = 114 meters

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

NOTE: ANY ADDITIONS OR CHANGES [illegible] MADE OF [illegible] IN RED [illegible]

Do not extend notes this side of this line.

STATION	BACKSIGHT						FORESIGHT						DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT		STADIA		RIGHT	MIC.	LEFT		STADIA		LEVEL BM21-11A1 TO BM21-12A
BM21-11A-1													BM 2[illegible] Cren[illegible] [illegible]d and Rose Crans [illegible] See FB [illegible]02-27
			509	5	236 180	56	[illegible]8	000	479	5	[illegible]	58	[illegible]
BM21-12A													BM21-12A [illegible]l and [illegible] Ave See F.B. 3702-27

3743

Summation of Run
From B.M. 21-11A-1
To B.M. 21-12A

Total Backsights = + 208.333
Total Foresights = − 178.000
Diff. Elev. = + 30.333

Backsight stadia = 56
Foresight Stadia = 58
Total Stadia = 114 meters

F.B. 3743 Pg. 184 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY F. E. Brooks NOTES F. E. Brooks
INDEXED DATE

WEATHER overcast INST. NO. 96716
TIME 9:20 ROD NO. 9-19
NOTES CHKD [illegible] DATE MAY 20 65