Notes Ck'd by	Survey of	F. B. PG.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

3746

Not microfilmed

76F2095 CE # 310 3-61

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F. B. _____ Pg. _____

Ch'd by

Office Work

Checked

Date

Survey of L.A. Co. Precise Lev. Net

JN 0301.02 Tape Std °F

Surveyed by W. J. Voge

Notes R. Strader Date 7-9-65

Indexed C. J. GALLI AUG 1 0 65

F. B. 3746 PG. 5

J. N. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE NO. 30

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

LOS ANGELES COUNTY ENGINEER

Ref.

F.B. 3705

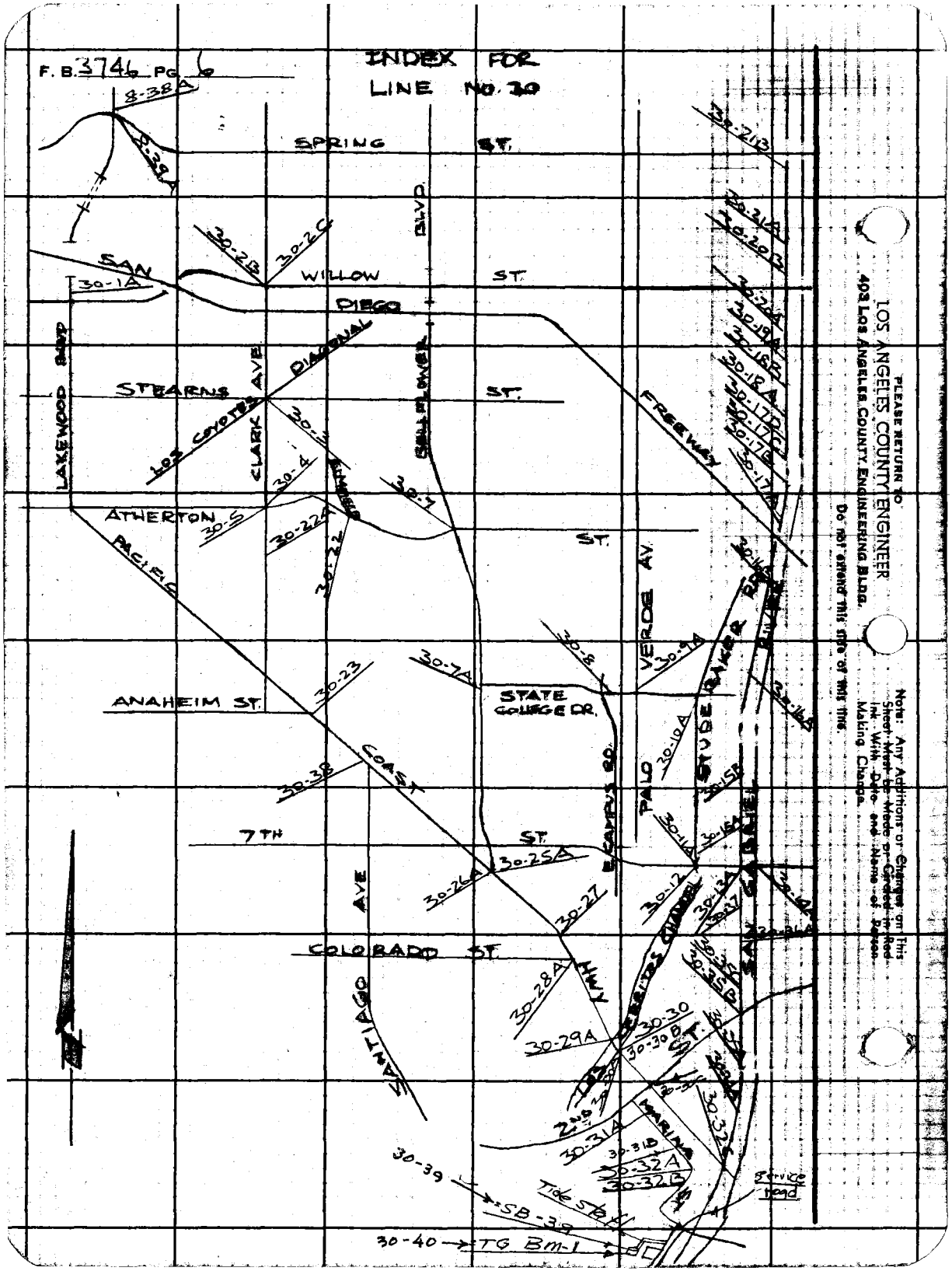
Party

W. Voge

J. Moore

R. Strader

N. Cherry


F. B. 3746 PG. 6
INDEX FOR
LINE NO. 30
SPRING ST.
SAN DIEGO
WILLOW ST.
STEARNS ST.
ATHERTON ST.
ANAHEIM ST.
7TH ST.
COLORADO ST.
LAKEWOOD BLVD
CLARK AVE
LOS COYOTES DIAGONAL
BELLFLOWER BLVD.
FREEWAY
PACIFIC COAST HWY
VERDE AV.
STATE COLLEGE DR.
ECKAMPUS RD.
PALO VERDE AV.
STUDEBAKER RD.
SAN GABRIEL RIVER
SANTIAGO AVE
LOS CERRITOS CHANNEL
MARINA ST.
2ND ST.
8-38A
8-39A
30-1A
30-2B
30-2C
30-3
30-4
30-5
30-7
30-7A
30-8
30-9A
30-10A
30-11A
30-12
30-13A
30-14A
30-15B
30-16A
30-17A
30-17B
30-17C
30-17D
30-18A
30-18B
30-19A
30-20A
30-20B
30-21A
30-21B
30-22A
30-22
30-23
30-25A
30-26A
30-27
30-28A
30-29A
30-30
30-30B
30-31A
30-31B
30-32A
30-32B
30-32C
30-35B
30-36A
30-37
30-38
30-39
30-40
SB-39
TG Bm-1
Tide Staff
Service Road
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76P526 CE # 308 3-61

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-39A TO BM 8-38A
BM 8-39A									BM 8-39A Lakewood Blvd. & Spring St. per F.B.
1.	199	377	500 5	210 187 23	168	153	469 5	180 156 24	BM 8-38A Lakewood Blvd. & Spring St. per F.B.
									for return run see pg. 8

Σ of run from BM 8-39A to BM 8-38A

Total B.S. = +199.377
" F.S. = −168.153
Diff in elev. = +31.224

B.S. Stadia = 23
F.S. " = 24
Total " = 47

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY A. V. Voge
NOTES BY Voge DATE 7-9-65
INDEXED DATE
WEATHER Clear
TIME 1:20 PM
NOTES CHKD. C. [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG. 7

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-38-A TO BM 8-39A
BM 8-38A									BM 8-38A Spring St. & Lakewood Blvd. Per FB.
	166	923	467 5	178 154 24	198	091	499 5	209 186 23	BM 8-39A Spring St. & Lakewood Blvd. Per FB.
Σ of run from BM 8-38A to BM 8-39A									For toward run See pg. 7
			Total	B.S. =	+166.923				B.S. stadia = 24
			"	F.S. =	-198.091				F.S. " = 23
			Diff. in elev	=	-31.168				Total " = 47

F.B. 3746 PG. 8

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301,02

WEATHER Clear INST. NO. 95231

TIME 1:30 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '63

76P526 CE # 308 3-61

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

SURVEY BY Co Vege WEATHER Clear INST. NO. 75234

NOTES BY Vege DATE 7-9-65 TIME 1:30 PM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD. [illegible] DATE AUG 21 '65

F.B. 3746 Pg. 9

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-38A TO BM 30-1A
BM 8-38A									BM 8-38A
1.	197	050	498 5	200 / 193 7	155	961	456 5	158 / 152 6	Lakewood & Spring per F.B. ~~37~~
2.	184	306	485 5	208 / 160 48	207	119	508 5	231 / 182 49	
3.	76	812	377 5	91 / 60 31	256	705	557 5	271 / 240 31	
4	44	498 ~~498~~	345 5	58 / 30 28	258	016	559 5	272 / 244 28	
5	71	287	372 5	85 / 57 28	211	206	512 5	225 / 197 28	
6	141 ~~144~~	218	442 5	164 / 118 48	156	738	457 5	179 / 133 46	
7.	162	688	463 5	177 / 146 33	154	948	455 5	169 / 138 31	
8.	157	994 ~~994~~	458 5	171 / 143 28	146	055	447 5	162 / 130 32	
9.	159	958	460 5	174 / 144 30	153	311	454 5	168 / 138 30	
10.	139	389	440 5	162 / 116 48	142	268	443 5	165 / 119 46	
11.	182	762	483 5	197 / 167 30	64	611	365 5	79 / 49 30	
12	235	373	536 5	250 / 220 30	69	948	370 5	84 / 54 30	

Cont'd pg.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-38 A TO BM 30-1A
									cont'd from pg.
13.	237	155	538 5	252 / 222 30	39	469	340 5	54 / 23 31	
14.	235	809	536 5	250 / 220 30	97	882	398 5	112 / 82 30	
	~~212~~	~~593~~	~~513 5~~	~~237 / 187 50~~					
15.	180	819	401 5	205 / 155 50	212	593	513 5	237 / 187 50	
16.	121	813	422 5	132 / 110 22	96	927	397 5	107 / 85 22	BM 30-1A Lakewood & Willow per FB 3705-99
	2528	931		~~518~~ 521	2423	757		520	

Σ of run from BM 8-38A to BM 30-1A

for return run See pg. 11

Total B. S. = + 2528.931

" F. S. = − 2423.757

Diff. in elev = + 105.174

B. S. stadia = 521

F. S. " = 520

Total " = 1041

F.B. 3746 PG. 10

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 030102

WEATHER clear INST. NO. 75034

TIME 1:45 PM (cont'd) ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '65

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. S. Voge
NOTES BY Voge DATE 7-12-65
INDEXED C. J. GALLI DATE
WEATHER clear
TIME 2:45 PM
NOTES CHKD. [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 Pg. 11

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-1A TO BM 8-38A
BM30-1A									BM 30-1A Lakewood Blvd. & Willow St. per FB3705-99
1.	93	285	394 5	104 / 82 22	119	923	420 5	130 / 108 22	
2.	212	110	513 5	237 / 187 50	180	940	481 5	205 / 155 50	
3.	91	050	392 5	106 / 76 30	239	850	540 5	254 / 224 30	
4.	48	105	349 5	63 / 33 30	231	291	532 5	246 / 216 30	
5.	65	928	366 5	80 / 50 30	246	152	547 5	261 / 231 30	
6.	74	000	375 5	89 / 59 30	187	002	488 5	202 / 172 30	
7.	146	036	447 5	169 / 123 46	134	012	435 5	157 / 111 46	
8.	151	430	452 5	166 / 136 30	160	389	461 5	175 / 145 30	
9.	147	123	448 5	162 / 132 30	156	892	457 5	171 / 141 30	
10.	151	746	452 5	166 / 136 30	160	486	461 5	175 / 145 30	
11.	154	472	455 5	177 / 131 46	134	132	435 5	157 / 111 46	
12	205	355	506 5	219 / 191 28	84	378	385 5	98 / 70 28	

cont'd pg. 12

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-1A TO BM 8-38A
13.	268	158	569 5	282 254 28	40	081	341 5	54 26 28	cont'd from pg. 11
14	252	920	553 5	267 237 30	73	235	374 5	88 58 30	
15.	190	633	491 5	215 165 50	208	641	509 5	233 183 50	BM 8-38A
	2252.	351		510	2357.	404		510	Lakewood Blvd. & Spring por F.B. ~~3205~~

Σ of run from BM 30 IA To BM 8-38A

Total B.S. = 2252.351

" F.S. = 2357.404

Diff. in elev = -105.053

for toward run See pg. 9

B.S. Stadia = 510

F.S. " = 510

Total " = 1020

F.B. 3746 PG. 12

JOB NO. 0301.02

SURVEY OF Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 2:45 PM Cont'd ROD NO. 95.96

NOTES CHKD [illegible] DATE AUG 21 '65

76P526 CE # 308 3-61

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. Vogel
NOTES BY Vogel DATE 7-12-65
INDEXED C. J. GALLI DATE
WEATHER overcast INST. NO. 75234
TIME 9:30 AM ROD NO. 9596
NOTES CHKD. [illegible] DATE AUG 21 '65
F.B. 3746 PG. 13

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-1A TO BM 30-2C
BM 30-1A									BM 30-1A Lakewood Blvd & Willow St. per F.B. 3705-99
1.	92	323 ~~325~~	393 5	104 81 23	169	692	470 5	179 158 21	
2.	172	469	473 5	197 147 50	196	261	497 5	221 171 50	
3.	120	214	421 5	144 96 48	152	202	453 5	178 127 51	
4.	215	610	516 5	234 196 38	158	753	459 5	177 139 38	
5	111	728	412 5	130 92 38	300	150	601 5	300 281 38 19x2	
6.	32	808	333 5	47 16 31	278	843	579 5	294 263 31	
7.	50	291	351 5	66 35 31	223	847	524 5	238 208 30	
8.	106	144	407 5	128 85 43	134	790	435 5	156 113 43	
9	201	490	502 5	216 186 30	74	362	375 5	90 59 31	
10.	241	812	542 5	253 229 24	45	402	346 5	57 33 24	
11.	255	998	556 5	267 243 24	77	348	378 5	89 65 24	
12.	195	911	496 5	220 171 49	176	350	477 5	201 152 49	

Cont'd pg. 14

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STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-1A TO BM 30-2C
							cont'd from pg. 13
13.	109 120	410 5	124 95 29	156 215	457 5	170 141 29	BM 30-2C
	1905.918		458	2144.215		459	Willow St. & Clark Ave per FB 3705-101
							for return run See pg. 15
Σ of run	from	Total	BS.	= 1905.918			BS. Stadia = 458
BM 30-1A	to	"	F.S.	= 2144.215			F.S. " = 459
BM 30-2C		Diff in elev		= -238.297			TOTAL " = 917

F.B. 3746 PG. 14

JOB NO. 0391.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vage NOTES Vage

INDEXED E. J. CALLI DATE

WEATHER over cast INST. NO. 75234

TIME 9:30 Cont'd ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '65

76P526 CE # 308 3-61

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

SURVEY BY D. J. Voge

NOTES BY Voge DATE 7-12-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 1:50 PM

NOTES CHKD. [illegible] DATE AUG 21 '65

INST. NO. 75234

ROD NO. 95896

F.B. 3746 PG. 16

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-2C TO BM 30-1A
BM. 30-2E									BM 30-2C Clark Ave & Willow St. Per FB 3705-101
1.	154	999	455 5	169 / 139 30	108	330	409 5	123 / 92 29	
2.	174	525	475 5	198 / 150 48	194	166	495 5	218 / 170 48	
3.	76	230	377 5	89 / 64 25	255	960	556 5	267 / 243 24	
4	48	400	349 5	60 / 36 24	241	561	542 5	253 / 229 24	
5	71	158	372 5	87 / 56 31	202	780	503 5	218 / 187 31	
6	136	635	437 5	158 / 115 43	104	612	405 5	126 / 83 43	
7	223	250	524 5	237 / 208 29	50	895	351 5	65 / 34 31	
8	279	035	580 5	295 / 264 31	56	720	357 5	72 / 41 31	
9.	301	480	602 5	301 / 282 / 19 38	88	755	389 5	107 / 69 38	
10.	157	611	458 5	176 / 138 38	213	660	514 5	232 / 194 38	
11.	152	552	453 5	177 / 127 50	116	214	417 5	141 / 91 50	
12.	199	908	500 5	223 / 175 48	182	842	483 5	207 / 158 49	

Cont'd Pg. 16

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F.B. 3746 PG. 16 JOB NO. 030.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vega NOTES Vega

INDEXED G. J. GALLI DATE

WEATHER clear INST. NO. 75231

TIME 1:50 PM (cont'd) ROD NO. 95-9C

NOTES CHKD Vega DATE 2-1-95

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-2C TO BM 30-1A
13.	174340	475 5	184 / 16321	95 189	396 5	106 / 84 22	cont'd from pg. BM 30-1A Lakewood Blvd & Willow St., per FB 3705-99
	2150.131		456	1911 684		458	For foward run see pg. 13

Σ of run from BM 30-2C to BM 30-1A

Total B.S. = 2150.131

" F.S. = 1911.684

Diff. in elev = +238.447

B.S. Stadia = 456

F.S. " = 458

Total " = 914

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 BM 30-2C TO BM 30-2B
BM 30-2C									BM 30-2C Clark AVE & Willow St. per FB 3705-101
1.	173	300	474 5	191 156 35	196	732	497 5	213 178 35	BM 30-2B Clark AVE. & Willow St. per FB 3705-101
									for return run see Pg. 18
Σ of run from BM 30-2C to BM 30-2B				Total	BS = 173.300				B.S. Stadia = 35
				"	F.S = 196.732				F.S. " = 35
				Diff. in elev = -23.432					Total " = 70

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. Voge
NOTES BY Voge DATE 7-12-65
INDEXED C. J. GALLI DATE
WEATHER Overcast
TIME 10:25 AM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO 28234
ROD NO 95-96
F.B. 3746 PG. 17

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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 30-2B TO BM 30-2C
BM 30-2B									BM 30-2B Willow St. & Clark Ave per FB. 3705-101
1.	197	202	498 5	215 180 35	173	725	474 5	191 156 35	BM 30-2C Willow St. & Clark Ave per FB 3705-101
									for toward run see pg. 17
Σ of run from BM 30-2B to BM 30-2C			Total B.S. = 197.202						B.S. Stadia = 35
			" F.S. = 173.725						F.S. " = 35
			Diff. in elev = +23.477						Total " = 70

F.B. 3746 PG. 18

JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 25234

TIME 1:00 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-12-65
INDEXED C. J. GALLI DATE
WEATHER Overcast
TIME 10:30 AM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG. 19

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 30-2B TO BM 30-3
BM30-2B									BM 30-2B Willow St. & Clark Ave. per FB 3705-101
1.	209	788	510 5	227 / 191 36	157 / ~~156~~	770	458 5	175 / 139 36	
2.	70	300	371 5	94 / 46 48	162	520	463 5	187 / 137 50	
3.	149	444	450 5	174 / 124 50	165	142	466 5	190 / 140 50	
4.	153	480	454 5	179 / 128 51	135	803	436 5	159 / 110 49	
5.	155	052	456 5	178 / 132 46	160	848	461 5	183 / 137 46	
6.	159	698	460 5	184 / 134 50	158	921	459 5	183 / 133 50	
7.	153	642	454 5	178 / 128 50	159	262	460 5	184 / 134 50	
8.	152	415	453 5	174 / 130 44	134	995	435 5	156 / 112 44	
BM30-3	126	507	427 5	150 / 102 48	139	390	440 5	164 / 114 50	BM 30-3 Clark Ave & Stearns St. per FB 3705-103
	1330.326			423	1374.651			425	

Σ of run from BM 30-2B to BM 30-3

Total B.S. = 1330.326 B.S. stadia = 423
" F.S. = 1374.651 F.S. " = 425
Diff. in elev = 44.325 Total " = 848

for return run see pg. 20

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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 30-3 TO BM 30-2B
BM 30-3							BM 30-3 Clark Ave. & Stearns St per FB 3705-103
1.	136 357	437 5	160/111 49	123 830	424 5	147/99 48	
2.	134 925	435 5	156/112 44	151 715	452 5	173/129 44	
3.	157 077	458 5	182/132 50	150 745	451 5	175/125 50	
4.	159 368	460 5	184/134 50	160 412	461 5	185/135 50	
5.	158 395	459 5	181/135 46	154 658	455 5	177/131 46	
6.	137 400	438 5	162/112 50	152 862	453 5	177/127 50	
7.	164 340	465 5	189/139 50	151 370	452 5	176/126 50	
8.	166 440	467 5	191/141 50	72 201	373 5	96/48 48	
BM 30-2B	157 155	458 5	175/139 36	209 090	510 5	228/191 37	BM 30-2B Willow St. & Clark Ave, per FB 3705-101 for forward run see pg. 19
	1371.457		425	1326.883		423	

Σ of run from BM 30-3 to BM 30-2B

Total B.S. = 1371.457

" F.S. = 1326.883

Diff. in elev = + 44.574

B.S. Stadia = 425

F.S. " = 423

Total " = 848

WEATHER Cloudy INST. NO. 75234

TIME 11:10 ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 21 '65

JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY [illegible] NOTES Vogel

INDEXED [illegible] DATE

F.B. 3746 Pg. 26

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 30-3 TO BM 30-4
BM 30-3									BM 30-3 Clark Ave. & Stearns St. per FB 3705-103
1.	150	437	451 5	171 / 129 42	165	768	466 5	186 / 144 42	
2.	151	374	452 5	176 / 126 50	174	317	475 5	199 / 149 50	
3.	147	442	448 5	172 / 122 50	164	010	465 5	189 / 139 50	
4.	143	438	444 5	168 / 118 50	163	898	464 5	188 / 138 50	
5.	145	441	446 5	166 / 124 42	162	152	463 5	184 / 141 43	
6.	154	278	455 5	179 / 129 50	163	490	464 5	188 / 138 50	
7.	150	735	451 5	172 / 129 43	155	818	456 5	177 / 134 43	
BM 30-4	181	592	482 5	185 / 177 8	155	490	456 5	159 / 151 8	BM 30-4 Atherton St. & Clark Ave. per FB 3705-105
	1224.737 ✓			335	1304.943 ✓			336	for return run see pg. 22

Σ of run from BM 30-3 to BM 30-4

Total B.S. = 1224.737 ✓
" F.S. = 1304.943 ✓
Diff. in elev = −80.206 ✓

BS. Stadia = 335 ✓
F.S. " = 336 ✓
Total " = 671 ✓

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY H. J. Voge
NOTES BY Voge DATE 7-13-65
INDEXED C. J. GALLI DATE
WEATHER Overcast
TIME 9:20 AM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95596
F.B. 3746 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.

F.B. 3746 PG. 22 | SURVEY OF L.A.C. Precise Level Net | SURVEY BY Voge | INDEXED C. J. GALLI | JOB NO. 0301.02 | NOTES Voge | DATE

WEATHER Clear | TIME 1:10 PM | NOTES CHKD | INST. NO. 75234 | ROD NO. 95-96 | DATE AUG 21 '53

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-4 TO BM 30-3
BM 30-4							BM 30-4 Atlantic St. & Clark Ave. per FB 3705-105
1.	177 147	478 5	181 173 8	150 487	451 5	154 146 8	
2.	152 200	453 5	173 131 42	147 150	448 5	169 125 44	
3.	159 925	460 5	184 134 50	149 375	450 5	174 124 50	
4.	157 378	458 5	178 136 42	142 685	443 5	163 121 42	
5.	163 448	464 5	188 138 50	142 920	443 5	167 117 50	
6.	164 425	465 5	189 139 50	147 710	448 5	172 122 50	
7.	173 888	474 5	198 148 50	136 022	437 5	161 111 50	
8.	163 638	464 5	184 142 42	163 158	464 5	184 142 42	BM 30-3 Stearns St. & Clark Ave. per FB 3705-103 for foward run see Pg. 21 & 59
	1312 049		334	1179 507		336	

Σ of run from BM 30-4 to BM 30-3

Total B.S. = ~~130~~ 1312.049

" F.S. = 1179.507

Diff. in elev = + 132.542

B.S. Stadia = 334

F.S. " = 336

Total " = 670

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 30-4 TO BM 30-5
BM 30-4									BM 30-4 Atherton & Clark per FB 3705-105
BM 30-5	173	027	4745	187 158 29	180	703	481 5	194 166 28	BM 30-5 Atherton & Clark per FB 3705-105 for return run see pg. 24 for re run see pg. 57
	Σ of run from BM 30-4 to BM 30-5				Total B.S. = 173.027 " F.S. = 180.703 Diff. in elev = — 7.676				B.S. Stadia = 29 F.S. " = 28 Total " = 57

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-13-65
INDEXED C. J. GALLI DATE
WEATHER Over Cast INST. NO. 75234
TIME 10:00 AM ROD NO. 95-91
NOTES CHKD [illegible] DATE AUG 21 '65
F.B. 3746 PG. 23

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-5 TO BM 30-4
BM 30-5									BM 30-5 Atherton St. & Clark Ave. per FB 3705-105
BM 30-4	181	522	482 5.	195 167 28	174	068	475 5	188 159 29	BM 30-4 Atherton St. & Clark Ave per FB 3705-105
									for foward run See pg. 23
Σ of run from BM 30-5 to BM 30-4				Total	B.S. = 181.522				B.S. Stadia = 29
				"	F.S. = 174.068				F.S. " = 28
				Ditt in	elev. = + 7.454				Total " = 57

WEATHER Overcast INST. NO. 75234

TIME 11:30 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 21 '65

F.B. 3746 PG. 24

JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Voge NOTES Voge

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 30-5 TO BM 30-22
BM 30-5							BM 30-5 Atherton St. & Clark Ave per FB 3705-105
1.	164 183	465 5	188/140 48	150 620	451 5	175/126 49	
2.	142 150	443 5	167/117 50	153 328	454 5	178/128 50	
3.	140 860	441 5	165/115 50	162 810	463 5	187/137 50	
4.	151 817	452 5	176/126 50	163 893	464 5	188/138 50	
5.	148 244	449 5	163/133 30	180 532	481 5	194/165 29	BM 30-22 Atherton St. & Elmfield Ave per F.B. 3705-153
	747.254		228	811 183		228	
							for return run see pg. 26 & 85
	Σ of run from BM 30-5 to BM 30-22			Total B.S. = 747.254			B.S. stadia = 228
				" F.S. = 811.183			F.S. " = 228
				Diff. in elev = −63.929			Total " = 456

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

SURVEY BY W.J. Voge

NOTES BY Voge

INDEXED G.J. GALLI

DATE 7-13-65

DATE

WEATHER Overcast

TIME 10:05 AM

NOTES CHKD

INST. NO. 75234

ROD NO. 95-96

DATE AUG 21 65

F.B. 3746 PG. 25

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-22 TO BM 30-5
BM 30-22									BM 30-22 Atherton St & Elmfield Ave, per FB 3705-153
1.	180	342	481 5	195 / 166 29	148	042	449 5	162 / 133 29	
2.	161	273	462 5	186 / 136 50	148	850	449 5	173 / 123 50	
3.	163	342	464 5	188 / 138 50	140	792	441 5	165 / 115 50	
4.	156	140	457 5	181 / 131 50	146	943	447 5	171 / 121 50	
5.	149	362	450 5	174 / 125 49	161	605	462 5	185 / 137 48	BM 30-5 Atherton St. & Clark Ave per FB 3705-105
	810	459	✓	228 ✓	746	232	✓	227	for toward run see Pg. 25

Σ of run from BM 30-22 to BM 30-5

Total BS = 810.459 ✓
" FS = 746.232 ✓
Diff. in elev = + 64.227 ✓

BS. Stadia = 228 ✓
F.S. " = 227 ✓
Total " = 455 ✓

F.B. 3746 PG 26

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO D301.02

WEATHER overcast INST. NO 75234

TIME 11:05 AM ROD NO 95-96

NOTES CHKD [signature] DATE AUG 21 '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 CLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

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 30-22 TO BM 30-7
BM 30-22									BM 30-22 Atherton St. & Elmfield Ave. per FB 3705-153
1.	149	080	450 5	174 / 124 50	143	683	444 5	168 / 118 50	
2.	149	448 ~~448~~	450 5	174 / 124 50	145	258	446 5	170 / 120 50	
3.	163	900	464 5	188 / 138 50	150	287	451 5	175 / 125 50	
4	159	550	460 5	179 / 138 41	142	848	443 5	162 / 121 41	
5.	164	650	465 5	179 / 149 30	185	954	486 5	200 / 169 31	BM 30-7 Atherton St. & Bellflower Blvd. per F.B. 3705 - ~~155~~ 167
	786.628			221	768.030			222	for return run see pg. 28

Σ of run from BM 30-22 to BM 30-7

Total B.S. = 786.628
F.S. = 768.030
Diff. in elev = + 18.598

B.S. Stadia = 221
F.S. " = 222
Total " = 443

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Vage
NOTES BY Vage
INDEXED C. J. GALLI
DATE 7-13-65
DATE
WEATHER Overcast
TIME 10:25 AM
NOTES CHKD [signature]
INST. NO 75334
ROD NO 95-96
DATE AUG 21 '65
F.B. 3746 PG. 27

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-7 TO BM 30-22
BM 30-7							BM 30-7 Atherton St. & Bellflower Blvd. per FB 3705-107
1.	183 272	484 5	198 / 167 31	160 898	461 5	176 / 145 31	
2.	138 940	439 5	158 / 117 41	148 042	449 5	168 / 127 41	
3.	139 330	440 5	164 / 114 50	161 900	462 5	186 / 136 50	
4.	143 855	444 5	168 / 118 50	147 455	448 5	172 / 122 50	
5.	144 680	445 5	169 / 119 50	150 525	451 5	175 / 125 50	BM 30-22 Atherton St. & Elmfield Ave. per FB 3705-153
	750.077		222	768.820		222	for foward run see pg. 27

Σ of run from BM 30-7 to BM 30-22

Total B.S. = 750.077
" F.S. = 768.820
Diff. in elev = -18.743

B.S. Stadia = 222
F.S. " = 222
Total " = 444

F.B. 3746 PG. 28

SURVEY OF L.M. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER overcast INST. NO. 75234

TIME 10:50 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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 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 W.J. Voge
NOTES BY Voge DATE 7-13-65
INDEXED C. I. GALLA DATE
WEATHER Clear
TIME 2:10 PM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG 29

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-7 TO BM 30-7A
BM 30-7									BM 30-7 Bell flower Blvd. & Atherton St., per FB 3705-107
1.	178	503	479 5	202 / 154 48	169	142	470 5	193 / 144 49	
2.	175	498	476 5	200 / 150 50	103	417	404 5	128 / 78 50	
3.	171	525	472 5	196 / 146 50	104	630	405 5	129 / 79 50	
4.	214	830	515 5	239 / 189 50	70	655	371 5	95 / 45 50	
5.	233	870	534 5	258 / 208 50	83	310	384 5	108 / 58 50	
6.	212	282	513 5	237 / 187 50	67	364	368 5	92 / 42 50	
7.	216	544	517 5	241 / 191 50	72	918	373 5	97 / 47 50	
8.	254	850	555 5	272 / 237 35	53	318	354 5	71 / 36 35	
9.	197	172	498 5	211 / 183 28	47	124	348 5	61 / 34 27	BM 30-7A Bellflower Blvd. & State College Dr., per FB 3705-109
	1855	074		411	771	878		411	

for return run See pg 30

Σ of run from BM 30-7 to BM 30-7A

Total B.S. = 1855.074
" F.S. = 771.878
Diff. in elev. = +1083.196

B.S. Stadia = 411
F.S. " = 411
Total " = 822

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-7A TO BM 30-7
BM 30-7A									BM 30-7A Bellflower Blvd & State College Dr., per F.B. 3705-109
1.	44	775	345 5	57 30 27	194	862	495 5	207 180 27	
2.	49 ~~49~~	757	350 5	66 31 35	251	300	552 5	269 234 35	
3.	72	850	373 5	97 47 50	216	451	517 5	241 191 50	
4	70	493	371 5	95 45 50	215	500	516 5	240 190 50	
5.	86	385	387 5	111 61 50	234	658	535 5	259 209 50	
6.	69	340	370 5	94 44 50	218	730	519 5	243 193 50	
7.	111	230	412 5	136 86 50	175	202	476 5	200 150 50	
8.	106	000	407 5	131 81 50	177	522	478 5	202 152 50	
9.	171	369	472 5	195 146 49	181	061	482 5	206 157 49	BM 30-7 Bellflower Blvd. & Atherton St., per FB 3705-107. for toward run See Pg. 29
	782	199		411	1865	286		411	

Σ of run from BM 30-7A to BM 30-7

Total B.S. = 782.199
" F.S. = 1865.286
Diff in elev. = 1083.087

B.S. Stadia = 411
F.S. " = 411
Total " = 822

F.B. 3746 PG. 30

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 6301.02

WEATHER Clear INST. NO. 75234

TIME 2:45 PM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 21 '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 W.J. Hope WEATHER Over cast
NOTES BY Hope DATE 7-14-55 TIME 9:15 AM INST. NO. 75239
INDEXED G. J. GALLI DATE NOTES CHKD DATE ROD NO. 95-96
F.B. 3746 PG. 31

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 30-7A TO BM 30-8
B.M. 30-7A									BM 30-7A Bellflower Blvd. & State College Dr., per F.B. 3705-109
1.	136	157	437 5	145 / 127 18	177	540	478 5	187 / 167 20	
2.	249	402	550 5	265 / 234 31	95	308	396 5	111 / 80 31	
3.	177	711	478 5	202 / 152 50	201	688	502 5	226 / 176 50	
4.	102	324	403 5	127 / 77 50	206	502	507 5	231 / 181 50	
5.	103	235	404 5	128 / 78 50	210	728	511 5	235 / 185 50	
6.	108	163	409 5	133 / 83 50	190	625	491 5	215 / 165 50	
7.	117	542	418 5	140 / 94 46	230	545	531 5	253 / 207 46	
8.	48	732	349 5	73 / 23 50	292	540	593 5	292 / 267 50 / 25 42	
9.	83	100	384 5	108 / 58 50	267	632	568 5	292 / 242 50	
10.	60	125	361 5	82 / 37 45	256	759	557 5	279 / 233 46	
11.	79	250	380 5	103 / 56 47	206	218	507 5	229 / 184 45	
BM 30-8	150	000	451 5	166 / 135 31	212	648	513 5	227 / 196 31	BM 30-8. State College Dr. & East Campus Dr. per F.B. 3705-111 for return con See Pg. 33
	1415	741 ✓		1518	2548	733 ✓		519 ✓	
	for Σ		See	Pg. 32					

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-7A TO BM 30-8
Σ of run from				Total	B.S. = 1415.741				B.S. Stadia = 518
BM 30-7A to				"	F.S. = 2548.733				F.S. " = 519
BM 30-8				P.H. in	elev = -1132.992				Total " = 1037

F.B. 3741 PG. 32

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. A. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 9:15 AM (cont'd) ROD NO. 95-91

NOTES CHKD [illegible] DATE AUG 21 '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 CLED 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 W. J. Voge
NOTES BY Voge DATE 7-14-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 11:20 AM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-91
F.B. 3746 PG. 33

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM30-8 TO BM30-7A
BM30-8									BM 30-8
1.	216	465	517 5	231 / 200 31	154	042	455 5	169 / 138 31	State College Dr. & East Campus Dr., per FB 3705-111
2.	204	098	505 5	227 / 181 46	76	922	377 5	99 / 53 46	
3.	255	470	556 5	278 / 232 46	58	470	359 5	80 / 35 45	
4.	266	998	567 5	291 / 241 50	82	450	383 5	107 / 57 50	
5.	290	190	591 5	290 / 265 50 / 25x2	46	678	347 5	71 / 21 50	
6.	227	692	528 5	250 / 204 46	114	605	415 5	137 / 91 46	
7.	189	980	490 5	214 / 164 50	107	960	408 5	132 / 82 50	
8.	210	200	511 5	235 / 185 50	102	780	403 5	127 / 77 50	
9.	207	500	508 5	232 / 182 50	102	965	403 5	127 / 77 50	
10.	203	660	504 5	228 / 178 50	183	183	484 5	208 / 158 50	
11.	97	138	398 5	113 / 82 31	248	111	549 5	263 / 232 31	for toward run see Pg. 31
12.	180	160	481 5	190 / 170 20	138	422	439 5	147 / 129 18	BM 30-7A
	2549	551		520	1416	588		517	Bellflower Blvd. & State College Dr., per F.B. 3705-109 for Σ see pg. 34

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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 INST. NO. 75234

TIME 11:20 AM (cont'd) ROD NO. 85-96

NOTES CHKD. DATE AUG 21 '85

F.B. 3746 PG. 34

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Yoge NOTES Yoge

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-8 TO BM 30-7A
℄ of run from BM 30-8 to BM 30-7A				Total BS. = 2549.551 ✓ " F.S. = 1416.588 ✓ Diff. in elev. +1132.963 ✓					BS. Stad.a = 520 ✓ F.S. " = 517 ✓ Total " = 1037 ✓

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 30-8 TO BM 30-9A
BM 30-8									BM 30-8
1.	198	558	499 5	223 / 173 50	174	120	475 5	199 / 149 50	State College Dr. & East Campus Dr. per FB 3705-111
2.	152	612	453 5	177 / 127 50	155	478	456 5	180 / 130 50	
3.	145	610	446 5	170 / 120 50	163	080	464 5	188 / 138 50	
4.	138	575	439 5	150 / 125 25	145	395	446 5	157 / 132 25	BM 30-9A
	635.	355		175	638.	073		175	State College Dr. & Palo Verde Ave. per FB 3705-113
									for return run see pg. 36

Σ of run from BM 30-8 to BM 30-9A

Total B.S. = 635.355
" F.S. = 638.073
Diff. in elev = − 2.718

B.S. Stadia = 175
F.S. " = 175
Total " = 350

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-14-65
INDEXED G. J. GALLI DATE
WEATHER Overcast
TIME 9:55 AM
NOTES CHKD [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 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.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-9A TO BM 30-8
BM. 30-9A							BM 30-9A State College Dr. & Palo Verde Ave, Per FB 3705-113
1.	142 935	443 5	154/129 25	136 030	437 5	148/123 25	
2.	162 685	463 5	187/137 50	145 448	446 5	170/120 50	
3.	154 850	455 5	179/129 50	148 850	449 5	173/123 50	
4.	170 168	471 5	195/145 50	197 800	498 5	222/172 50	BM 30-8 State College Dr. & East Campus Dr., Per F.B. 3705-111
	630.638		175	628.128		175	for foward run see pg. 35

Σ of run from BM 30-9A to BM 30-8

Total B.S. = 630.638
" F.S. = 628.128
Diff in elev = + 2.510

B.S. Stadia = 175
F.S. " = 175
Total " = 350

F.B. 3746 PG. 36

SURVEY OF L.A. & Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:05 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge
DATE 7-14-65
WEATHER Clear
INST. NO. 75234
TIME 10:15 AM
ROD NO. 75-96
INDEXED C. J. GALLI
DATE
NOTES CHKD
DATE JUL 21 '65
F.B. 37746 PG. 37

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 30-9A To BM 30-10A
BM 30-9A							BM 30-9A Palo Verde Ave & State College Dr. at Anaheim Rd per FB 3705-113
1.	143 328	444 5	155 130 25	151 202	452 5	163 138 25	
2.	150 482	451 5	175 125 50	159 742	460 5	184 134 50	
3.	147 973	448 5	172 122 50	159 715	460 5	184 134 50	
4.	153 482	454 5	178 128 50	163 973	464 5	188 138 50	
5.	185 425	486 5	213 158 55	153 212	454 5	179 126 53	
BM 30-10A	165 917	466 ~~366~~ 5	176 154 22	169 422	470 5	180 159 21	BM 30-10A Anaheim Rd & Studebaker Rd, per FB 3705-115
	946 607		252	957.266		249	for return run see pg. 38
	Σ of run from BM 30-9A to BM 30-10A			Total B.S. = 946.607			B.S. Stadia = 252
				" F.S. = 957.266			F.S. " = 249
				Diff. in elev. = — 10.659			Total " = 501

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-10A TO BM 30-9A
BM 30-10A									BM 30-10A Anaheim Rd & Studebaker Rd, per FB 3705-115
1.	173	940	474 5	184/163 21	171	710	472 5	181/161 20	
2.	159	261	460 5	187/131 56	190	080	491 5	218/163 55	
3.	160	662	461 5	185/135 50	150	~~[illegible]~~ 570	451 5	175/125 50	
4.	160	743	461 5	185/135 50	148	465	449 5	173/123 50	
5.	158	587	459 5	183/133 50	149	753	450 5	174/124 50	
BM 30-9A	155	250	456 5	167/142 25	147	360	448 5	159/134 25	BM 30-9A State College Dr. & Palo Verde Ave. at Anaheim Rd. per FB 3705-113
	968	443		252	957	938		250	for foward run see pg. 37

Σ of run from BM 30-10A to BM 30-9A

Total B.S. = 968.443
" F.S. = 957.938
Diff. in elev. = + 10.~~495~~ 505

B.S. Stadia = 252
F.S. " = 250
Total " = 502

F.B. 3746 Pg. 38

SURVEY OF L.M. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 8301.02

WEATHER Clear INST. NO. 75234

TIME 10:45 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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 BM30-10A TO BM 30-11A
BM30-10A									BM 30-10A Studebaker & Anaheim per FB 3705-115
1.	224	224	525 5	249 / 199 50	178	907	479 5	203 / 153 50	
2.	132	057	433 5	157 / 107 50	179	086	480 5	204 / 154 50	
3.	146	593	447 5	171 / 121 50	155	652	456 5	180 / 130 50	
4.	146	660	447 5	171 / 121 50	172	342	473 5	197 / 147 50	
5.	148	760	449 5	173 / 123 50	153	591	454 5	178 / 128 50	
6.	171	543	472 5	196 / 146 50	149	299	450 5	174 / 124 50	
7.	154	431	455 5	181 / 127 54	157	029	458 5	184 / 130 54	
8.	153	497	454 5	170 / 136 34	88	126	389 5	106 / 69 37	
BM30-11A	235	183	536 5	240 / 230 10	126	323	427 5	131 / 121 10	BM 30-11A 7th St. & Los Cerritos Channel per FB 3705-117 for return run see pg. 40
	1512.948			398	1360.355			401	

Σ of run from BM 30-10A to BM 30-11A

Total B.S. = 1512.948
" F.S. = 1360.355
Diff. in elev. = +152.593

B.S. Stadia = 398
F.S. " = 401
Total " = 799

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Vogel
NOTES BY Vogel DATE 7-14-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 1:20 PM
NOTES CHKD. [illegible] DATE AUG 21 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-11A TO BM 30-10A
BM 30-11A									BM 30-11A 7th St. & Los Cerritos channel, per F.B. 3705-117
1.	126	832	427 5	131 / 121 10	235	743	536 5	240 / 230 10	
2.	87	207	388 5	105 / 69 36	154	957	455 5	172 / 136 36	
3.	156	603	457 5	183 / 129 54	151	870	452 5	178 / 124 54	
4.	146	518	447 5	171 / 121 50	173	362	474 5	198 / 148 50	
5.	159	118	460 5	184 / 134 50	148	835	449 5	173 / 123 50	
6.	170	799	471 5	195 / 145 50	150	386	451 5	175 / 125 50	
7.	160	295	461 5	185 / 135 50	146	704	447 5	171 / 121 50	
8.	179	022	480 5	204 / 154 50	131	874	432 5	156 / 106 50	
BM 30-10A	181	894	482 5	206 / 156 50	227	419	528 5	252 / 202 50	BM 30-10A Anaheim Rd. & Studebaker Rd., per FB 3705-115
	1368.288			400	1521	150		400	for foward run See Pg. 39

Σ of run from BM 30-11A to BM 30-10A

Total B.S. = 1368.288
" F.S. = 1521.150
Diff. in elev = 152.862

B.S. Stadia = 400
F.S. " = 400
TOTAL " = 800

F.B. 3746 Pg. 40 JOB NO. 0302.01

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vage NOTES Vage

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 2:15 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '63

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]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 30-11A TO BM 30-12
BM30-11A									BM 30-11A 7th St. & Los Cerritos Channel
"	113	553	414 5	119 107 12	156	843	457 5	162 150 12	per F.B. 3705-117
BM 30-12	73	881	374 5	78 69 9	248	818	549 5	252 244 8	BM 30-12 7th St. & Los Cerritos Channel
	187	434		21	405	661		20	per FB 3705-117
									for return run see pg. 42

Σ of run from BM 30-11A to BM 30-12

Total B.S. = 187.434
" F.S. = 405.661
Diff. in elev = -218.227

B.S. Stadia = 21
F.S. " = 20
Total " = 41

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-16-65

INDEXED G. J. GALLI DATE

WEATHER clear

TIME 9:15 AM

NOTES CHKD [illegible] DATE AUG 21 '65

INST. NO. 25234

ROD NO. 95-96

F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-12 TO BM 30-11A
BM 30-12									BM 30-12 Los Cerritos Channel & 7th St. per FB 3705-117
1.	248	151	549 5	252 244 8	61	298	362 5	65 56 9	
2.	142	473	443 5	148 136 12	111	100	412 5	117 105 12	BM 30-11A Los Cerritos Channel & 7th St., per FB 3705-117
	390	624		20	172	398		21	for foward run see pg. 41

Σ of run from BM 30-12 to BM 30-11A

Total BS = 390.624 ✓
" FS = 172.398 ✓
Diff. in elev = + 218.226 ✓

BS. Stadia = 20 ✓
F.S. " = 21 ✓
Total " = 41 ✓

F.B. 3746 PG. 42

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 11:40 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 21 '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]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 W. J. Voge

NOTES BY Voge DATE 7-16-65

INDEXED G. J. GALLI DATE

WEATHER Clear

TIME 9:23 AM

NOTES CHKD [illegible] DATE AUG 21 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG 43

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 30-12 TO BM 30-13A
BM 30-12									BM 30-12 Los Cerritos Channel & 7th St. per FB 3705-117
1.	233	255	534 5	247 218 29	92	181	393 5	106 77 29	
2.	112	193	413 5	137 87 50	147	624	448 5	172 122 50	
3.	189	708	490 5	208 170 38	101	134	402 5	120 82 38	
4.	210	378	511 5	225 195 30	99	390	400 5	114 84 30	
5.	218	112	519 5	237 199 38	97	240	398 5	116 78 38	
6.	227	628	528 5	250 204 46	92	808	393 5	115 69 46	
BM 30-13A	57	080	358 5	65 49 16	129	487	430 5	136 123 13	BM 30-13A San Gabriel River & 7th St. per FB 3705-119
	1248.354			247	759.864			244	for return run see pg. 44

Σ of run from BM 30-12 to BM 30-13A

Total B.S. = 1248.354

" F.S. = 759.864

Diff. in elev. = +488.490

B.S. Stadia = 247

F.S. " = 244

Total " = 491

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 30-13A TO BM 30-12
BM 30-13A									BM 30-13A San Gabriel River & 7th St per FB 3705-119
1.	163	880	464 5	170/156 14	91	270	392 5	98/84 14	
2.	94	288	395 5	117/71 46	229	058	530 5	252/206 46	
3.	97	204	398 5	116/78 38	218	465	519 5	237/199 38	
4	99	111	400 5	114/84 30	209	768	510 5	224/194 30	
5.	98	535	399 5	117/79 38	187	211	488 5	206/168 38	
6.	146	691	447 5	171/121 50	111	455	412 5	136/86 50	
7.	95	514	396 5	160/80 30	236	470	537 5	251/222 29	BM 30-12 7th St. & Los Cerritos Channel per F.B. 3705-117
	795	223	✓	246	1283	697	✓	245	for toward run see pg. 43

Σ of run from BM 30-13A to BM 30-12

Total B.S. = 795.223 ✓
" F.S. = 1283.697 ✓
Diff. in elev = -488.474 ✓

B.S. Stadia = 246 ✓
F.S. " = 245 ✓
Total " = 491 ✓

F.B. 3746 PG. 44

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. L. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:20 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 21 '65

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.C. Voge
NOTES BY Voge
INDEXED G. J. GALLI
DATE 7-16-65
DATE
WEATHER Clear
TIME 9:50 AM
NOTES CHKD [illegible]
INST. NO 75234
ROD NO. 95-96
DATE AUG 21 '68
F.B. 3746 PG. 45

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-13A TO BM 30-14A
BM 30-13A							BM 30-13A San Gabriel River & 7th St. per FB 3705-119
1.	164 775	465 5	190 138 52	164 935	465 5	190 137 53	
							BM 30-14A San Gabriel River & 7th St. per FB 3705-121
							for return run see pg. 46
End run from BM 30-13A to BM 30-14A			Total B.S. =	164.775			B.S. Stadia = 52
			" F.S. =	164.935			F.S. " = 53
			Diff in elev. =	- 0.160			Total " = 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-14A TO BM 30-13A
BM30-14A									BM 30-14A San Gabriel River & 7th St. per FB 3705-121
1.	164	040	465 5	191 137 54	163	830	464 5	189 136 53	BM 30-13A San Gabriel River & 7th St. per FB 3705-119
									for foward run See pg. 45
Σ of run from BM 30-14A to BM 30-13A				Total BS = 164.040					BS Stadia = 54
				" FS = 163.830					FS " = 53
				Diff. in elev. + 0.210					Total " = 107

F.B. 3746 PG. 46

SURVEY OF I.H. Co. Precise Level Net

SURVEY BY Voge

INDEXED G. J. GALLI

JOB NO. 0301.02

NOTES Voge

DATE

WEATHER clear

TIME 11:15 AM

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 21 '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]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 30-14A TO BM 30-15A
BM 30-14A									BM 30-14A, San Gabriel River & 7th St. per FB 3705-121
1.	160	418	461 5	186 / 133 53	160	242	461 5	187 / 134 53	
2.	166	490	467 5	173 / 159 15	93	999	394 5	101 / 86 15	
3.	131	267	432 5	150 / 106 50	225	752	526 5	250 / 200 50	
4.	164	989	465 5	189 / 139 50	147	883	448 5	172 / 122 50	
5.	162	192	463 5	187 / 137 50	154	150	455 5	179 / 129 50	
6.	151	917	452 5	176 / 126 50	148	800	449 5	173 / 123 50	
7.	152	148	453 5	177 / 127 50	202	347	503 5	227 / 177 50	
8.	104	000	405 5	116 / 92 24	267	582	568 5	279 / 255 24	
9.	31	812	332 5	42 / 20 22	195	607	496 5	205 / 185 20	BM 30-15A San Gabriel River, N. of 7th St., per FB 3705-123
	1225	233		363	1596	362		364 / 2	for return run see pg. 48

Σ of run from BM 30-14A to BM 30-15A

Total BS = 1225.233

" FS = 1596.362

Diff. in elev. = 371.129

B.S. Stadia = 363

F.S. " = 364 / 2

~~Total~~ " = ~~727~~ 725

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-16-65

INDEXED C. L. GALLI DATE

WEATHER Clear

TIME 10:00 AM

NOTES CHKD [illegible] DATE AUG 21 '65

INST. NO. 75234

ROD NO. 95596

F.B. 3746 PG. 47

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-15A TO BM 30-14A
BM 30-15A							BM 30-15A
1.	251 613 ~~219 910~~	552 5 ~~520 5~~	261 ~~240~~ ~~209~~ ~~208~~ 21	88 095 ~~56 158~~	389 5 ~~357 5~~	98 ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ ~~[illegible]~~ 77 21	San Gabriel River & 7th St. N 0.35± mi, per FB 3705-123
2.	269 093	570 5	281 257 24	51 342	352 5	63 39 24	
3.	153 650	454 5	178 128 50	152 317	453 5	177 127 50	
4.	143 250	444 5	168 118 50	152 278	453 5	177 127 50	
5.	153 252	454 5	178 128 50	160 557	461 5	185 135 50	
6.	148 921	449 5	173 123 50	166 528	467 5	191 141 50	
7.	226 708	527 5	251 201 50	131 426	432 5	156 106 50	
8.	92 760	393 5	99 85 14	165 541	466 5	172 158 14	
9.	165 890	466 5	191 139 52	166 080	467 5	192 139 53	BM 30-14A San Gabriel River & 7th St. per FB 3705-121
	1605.137		361	1234.164		362	
							for toward run see pg. 47

Σ of run from BM 30-15A to BM 30-14A

Total BS = 1605.137 ✓
" FS = 1234.164 ✓
Diff. in elev = +370.973 ✓

BS Stadia = 361 ✓
FS " = 362 ✓
Total " = 723 ✓

F.B. 3746 PG. 48

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 10:40 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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 BM30-15A TO BM30-15B
BM30-15A									BM 30-15A San Gabriel River & 7th St, N. 0.35 mi, per FB3705-123
1.	97	641	398 5	122 72 50	134	290	435 5	160 107 53	
2.	136	235	437 5	162 110 52	156	300	457 5	181 131 50	
3.	205	830	506 5	223 187 36	102	250	403 5	120 84 36	BM 30-15B San Gabriel River & 7th St, N. 0.50 mi ±, per FB 3705-125
~~4.~~	439	706		138	392	840		139	
									for return run see pg. 50

Σ of run from BM 30-15A to BM30-15B

Total B.S. = 439.706
" F.S. = 392.840
Diff. in elev = + 46.866

B.S. Stadia = 138
F.S. " = 139
Total " = 277

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Yoge
NOTES BY Yoge
INDEXED C. J. GALLI
DATE 7-16-65
DATE
WEATHER Clear
TIME 1:10 PM
NOTES CHKD [illegible]
INST. NO 75236
ROD NO. 95-96
DATE AUG 21 '65
F.B. 3746 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.

F.B. 3746 PG 50 | JOB NO. 0301.02 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Vega | NOTES Vega | INDEXED C. J. GALLI | DATE

WEATHER Overcast | TIME 9:25 AM | NOTES CHKD | INST. NO. 75234 | ROD NO. 95-96 | DATE AUG 21 '85

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-15B TO BM 30-15A
BM 30-15 B							BM 30-15B San Gabriel River & 7th St., N. 0.50 mi., per FB 3705-125
1.	58 750	359 5	87 / 28 59	147 810	446 5	175 / 118 57	
2.	154 / ~~154~~ 802	455 5	180 / 128 52	182 043	403 5	209 / 155 54	
3.	161 830	462 5	174 / 147 27	92 462	393 5	105 / 78 27	BM 30-15A San Gabriel River & 7th St, N. 0.35± mi., per FB 3705-123
	375 382		138	~~522~~ 422.315		138	
							for forward run see pg. 49
Z of run from BM 30-15B to BM 30-15A			Total B.S. =		375.382		B.S. stadia = 138
			" F.S. =		~~522~~ 422.315		F.S. " = 138
			Diff. in elev. =		−46.933		Total " = 276

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY W.J. Voge WEATHER Clear

NOTES BY Voge DATE 7-16-65 TIME 1:25 PM INST. NO 75234

INDEXED G.J. GALLI DATE NOTES CHKD DATE AUG 21 '65 ROD NO 95-96

F.B. 3746 Pg. 51

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-15B TO 30-16A
BM 30-15B							BM 30-15B San Gabriel River & 7th St. N. 0.50 ± mi, per FB 3705-125
1.	143 185	444 5	171 115 56	141 917	442 5	168 114 54	
2.	148 870	449 5	174 122 52	140 887	441 5	167 113 54	
3.	144 558	445 5	161 127 34	156 143	457 5	174 138 36	BM 30-16A San Gabriel River & 7th St. N. 0.7 ± mi, per F.B. 3705-127
	436.613		142	438.947		144	
							for return run see pg. 52
Σ of run from BM 30-15B to BM 30-16A				Total	B.S. =	436.613	B.S. Stadia = 142
				"	F.S. =	438.947	F.S. " = 144
				Diff. in elev.	=	— 2.334	Total " = 286

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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.

INST. NO. 75234 ROD NO. 95-96 DATE AUG 21 '95

WEATHER Overcast TIME 9:05 AM NOTES CHKD

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-16A TO BM 30-15B
BM 30-16A							BM 30-16A San Gabriel River & 7th St., N. 0.7 mi, per FB 3705-122
1.	169 692	470 5	192/146 46	159 240	460 5	182/136 46	
2.	142 310	443 5	167/116 51	155 298	456 5	180/130 50	
3	159 652	460 5	181/136 45	154 744	455 5	177/130 47	BM 30-15B San Gabriel River & 7th St., N. 0.6 mi, per F.B. 3705-125
	471.654		142	469.282		143	
							for foward run See pg. 51
Σ of run from BM 30-16A to BM 30-15B			Total	BS. = 471.654			BS. Stadia = 142
				F.S. = 469.282			F.S. " = 143
				D.H. in elev = 2.372			Total " = 285

F.B. 3746 PG. 52 JOB NO. 0301.92

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vogt NOTES Vogt

INDEXED G. L. 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 W.J. Voge

NOTES BY Voge

INDEXED G.L. GALL

DATE 7-16-65

DATE

WEATHER Clear

TIME 1:40 PM

NOTES CHKD

INST. NO. 75238

ROD NO. 95-96

AUG 21 '65

F.B. 3746 PG. 53

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-16A TO BM 30-16B
BM 30.16A							BM 30-16A San Gabriel River & 7th St.
1.	174 010	475 5	202 146 56	154 520	455 5	182 126 56	0.76± mi. N, per FB 3705-127
2.	151 707	452 5	176 125 51	149 377	450 5	173 123 52	
3.	167 465	468 5	177 157 20	159 250	460 5	169 149 20	BM 30-16B San Gabriel River & 7th St.
	493 182		127	463.147		128	N. 0.85± mi; per F.B. 3705-129
							for return run see pg. 54.

Σ of run from BM 30-16A to BM 30-16B

Total B.S. = 493.182

" F.S. = 463.147

Diff. in elev = +30.035

B.S. Stadia = 127

F.S. " = 128

Total " = 255

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-16B TO BM 30-16A
BM 30-16B									BM 30-16B 7th St. & San Gabriel River, N. 0.85 mi. ± per FB 3705-129
1.	147	118	448 5	173 / 120 53	153	352	454 5	179 / 127 52	
2.	143	942	444 5	170 / 117 53	145	551	446 5	171 / 118 53	
3.	131	114	432 5	142 / 120 22	153	300	454 5	163 / 142 21	BM 30-16A 7th St. & San Gabriel River, N. 0.70 ± mi., per FB3705-127
	422.	174		128	452	203		126	for foward run See pg. 53

Σ of run from BM 30-16B to BM 30-16A

Total BS = 422.174
" FS = 452.203
Diff. in elev. = − 30.029

B.S. Stadia = 128
F.S. " = 126
Total " = 254

F.B. 3746 PG. 54 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 2:50 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 21 '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 CORRECTED 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 W. J. Voge

NOTES BY Voge

INDEXED C. J. GALLI

DATE 7-16-65

DATE

WEATHER Clear

TIME 1:55 PM

NOTES CHKD

INST. NO 75234

ROD NO 95-96

DATE AUG 21 '65

F.B. 3746 PG. 55

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-16B TO BM 30-17A
BM 30-16B							BM 30-16B San Gabriel River & 7th St., N. 0.85 mi ±, per F.B. 3705-129
1.	270 535	571 5	281/258 23	33 832	334/7 5	44/22 22	
2.	280 770	581 5	290/270 20	117 233	418 5	128/107 21	
3.	153 420	454 5	172/134 38	147 030	448 5	168/126 42	
4.	154 390	455 5	178/130 48	196 660	497 5	218/174 44	
5.	83 819	384 5	106/60 46	283 663	584 5	283/261 44 (corr)	
6.	8 188	309 5	13/4 9	155 050	456 5	161/30 11	BM 30-17A San Gabriel River & San Diego Fwy, N. 300' ±, per FB 3705-131. for return run see pg. 56
	951 122		184	933.468		184	

Σ of run from BM 30-16B to BM 30-17A

Total B.S. = 951.122

" F.S. = 933.468

Diff. in elev. = + 17.654

B.S. Stadia = 184

F.S. " = 184

Total " = 368

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3746 PG. 56 | JOB NO. 030102 | SURVEY OF L.A. Co. Precise Level Net | SURVEY BY Yoge | NOTES Yoge | INDEXED G. J. GALLI | DATE

WEATHER Clear | TIME 2:25 PM | NOTES CHKD. [illegible] | DATE AUG 21 '85 | ROD NO. 95-96 | INST. NO. 75234

STATION	BACKSIGHT Right	Mic.	Left.	Stadia	FORESIGHT Right	Mic.	Left.	Stadia	DESCRIPTION AND REMARKS
									FROM BM 30-17A TO BM 30-16B
BM 30-17A									BM 30-17A San Gabriel River & San Diego Fwy., ¢ N. 300'±, per FB 3705-131
1.	154	395	455 5	160/149 11	7	544	308 5	12/3 9	
2.	288	328	589 5	288/266 44 (22 x 2)	80	528	381 5	102/58 44	
3.	189	560	490 5	212/166 46	158	862	459 5	182/134 48	
4.	118	932	419 5	138/98 40	121	741	422 5	141/102 39	
5.	131	117	432 5	142/121 21	294	117	595 5	294/284 20 (10 x 2)	
6.	35	013	336 5	45/24 21	272	224	573 5	284/261 23	BM 30-16B 7th St. & San Gabriel River, N. 0.85± mi, per FB 3705-129
	917	345		183	935	016		183	
									for toward run see pg. 55

Ext run from BM30-17A to BM30-16B

TOTAL BS. = 917.345
" FS = 935.016
Diff. in elev. = −17.671

BS. stadia = 183
FS. " = 183
TOTAL " = 366

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 30-4 TO BM 30-5
BM 30-4									BM 30-4 Atherton St. & Clark Ave., per FB 3705-105
"	173	518	474 5	188 158 30	181	213	482 5	196 166 30	BM 30-5 Atherton St. & Clark Ave., per FB 3705-105

Σ of run from BM 30-4 to BM 30-5

Total B.S. = 173.518
" F.S. = 181.213
Diff. in elev. = -7.695

B.S. stadia: 30
F.S. " = 30
Total " = 60

for return run see pg. 58 & 23

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-20-65

INDEXED C. J. GALLI DATE

WEATHER Overcast INST. NO. 75234

TIME 11:00 AM ROD NO. 95 96

NOTES CHKD [illegible] DATE AUG 21 '65

F.B. 3745 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 BM 30-5 TO BM 30-4
BM 30-5									BM 30-5 Atherton & Clark, per FB 3705-105
!	178	917	479 5	193 163 30	171	277	472 5	186 156 30	BM 30-4 Atherton & Clark, per FB 3705-105
									for foward run See pg. 57 & 24
Σ of run from BM 30-5 to BM 30-4				Total B.S. = 178.917 ; " F.S. = 171.277 ; Diff. in elev. = +7.640					B.S. Stadia: 30 ; F.S. " : 30 ; Total " : 60

F.B. 3746 PG. 58 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 11:10 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 21 '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.

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-3 TO BM 30-4
BM 30-3							BM 30-3 Clark Ave. & Storms per FB 3705-103
1.	153 572	454 5	174 / 132 42	168 728	469 5	189 / 141 42	
2.	156 975	457 5	181 / 131 50	180 345	481 5	205 / 155 50	
3.	150 772	451 5	175 / 125 50	166 945	467 5	191 / 141 50	
4.	144 900	445 5	169 / 119 50	165 554	466 5	190 / 140 50	
5.	130 ~~14~~ 147	431 5	151 / 109 42	144 848	445 5	166 / 123 43	
6.	153 742	454 5	178 / 128 50	173 193	474 5	198 / 148 50	
7.	161 095	462 5	183 / 140 43	157 942	458 5	179 / 136 43	
BM 30-4	155 608	456 5	160 / 151 9	181 653	482 5	185 / 177 8	BM 30-4 Clark Ave. & ~~Atherton~~ Atherton St, per FB 3705-105
	1206.811		336	1339.208		336	for return run see pg. 22

Σ of run from BM 30-3 to BM 30-4

Total B.S. = 1206.811
" F.S. = 1339.208
Diff. in elev = -132.397

B.S. Stadia: 336
F.S. " : 336
Total " = 672

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

SURVEY BY L.J. Voge

NOTES BY Voge

INDEXED C.J. Gaul

DATE 7-20-65

DATE

WEATHER Over Ca. 57

TIME 10:15 AM

NOTES CHKD

DATE AUG 21 '65

INST. NO. 73234

ROD NO. 95-96

F.B. 3746 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.

WEATHER Over cast INST. NO. 75238
TIME 1:15 AM ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 21 '68

SURVEY OF L.A. Co Precise Level Net JOB NO. 0301.02
SURVEY BY Voge NOTES Voge
INDEXED G. J. GALLI DATE
F.B. 3746 PG. 58

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 30-5 To BM 30-22
BM 30-5							BM 30-5 Athorton & Clark, per FB. 3705-105
1.	165 111	466 5	189 / 141 48	152 777	453 5	177 / 128 49	
2.	146 905	447 5	171 / 121 50	155 973	450 5	180 / 130 50	
3.	145 725	446 5	170 / 120 50	168 700	469 5	193 / 143 50	
4.	148 717	449 5	173 / 123 50	160 383	461 5	185 / 135 50	
BM 30-22	146 212	447 5	161 / 131 30	178 770	479 5	193 / 163 30	BM 30-22 Athorton & Elm field, per FB 3705-153
	752 670		228	816.603		229	

for return run See pg. 26 & 85

Σ of run from BM 30-5 to BM 30-22

Total B.S. = 752.670
" F.S. = 816.603
Diff. in elev. = -63.933

B.S. Stadia = 228
F.S. " = 229
Total " = 457

76P526 CE # 308 3-61

PLEASE RETURN TO

L NGELES 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.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-17A TO BM 30-17B
BM 30-17A									BM 30-17A San Diego Frwy & San Gabriel River, N 300' ±, per FB 3705-131
1.	169	409	470 5	194 144 50	151	245	452 5	176 126 50	
2.	146	563	447 5	171 121 50	136	951	437 5	161 111 50	
3.	192	271	493 5	215 169 46	118	852	419 5	142 94 48	BM 30-17B San Diego Frwy, & San Gabriel River, N. ± mi, per FB 3705-133
	508.	243		146	407	046		148	

for return run see pg. 62

Σ of run from BM 30-17A to 30-17B

Total B.S. = 508.243 B.S. stadia = 146
" F.S. = 407.046 F.S. " = 148
Diff. in elev. = 101.197 Total " = 294

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

SURVEY BY W. J. Voge WEATHER clear INST. NO. 75234

NOTES BY Voge DATE 7-20-65 TIME 1:15 PM ROD NO. 95-96

INDEXED G. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 21 '65

F.B. 3746 PG. 61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-17B TO BM 30-17A
BM 30-17B									Bm 30-17B San Gabriel River & San Diego Frwy, N. 0.25± mi., per FB 3705-133
1.	125	445 ~~448~~	426 5	149 101 48	199	561	500 5	222 176 46	
2.	142	745	443 5	168 116 52	151	785	452 5	176 126 50	
3.	147	525	448 5	172 122 50	165	518	466 5	190 140 50	BM 30-17A San Gabriel River & San Diego Frwy, 300'± N., per FB 3705-131
	415	715		150	516	864		146	
									for toward run See pg. 61

Σ of run from BM 30-17B to BM 30-17A

Total BS = 415.715
" FS = 516.864
Diff. in elev = 101.149

BS. Stadia = 150
FS. " = 146
Total " = 296

F.B. 3744 PG. 62

SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Voge
INDEXED C. J. GALLI
JOB NO. 0301.02
NOTES Voge
DATE
WEATHER Clear
TIME 3:00 PM
NOTES CHKD [signature]
INST. NO. 75234
ROD NO. 98-96
DATE AUG 21 '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 30-17B TO BM 30-17C
BM30-17B									BM 30-17B San Diego Frwy & San Gabriel River, N 0.25± mi., per FB 3705-133
1.	153	309	454 5	178 / 128 50	133	455	434 5	158 / 108 50	
2.	156	931	457 5	181 / 131 50	142	670	443 5	167 / 117 50	
3.	155	800	456 5	179 / 131 48	116	867	417 5	139 / 93 46	BM 30-17C San Diego Frwy. & San Gabriel River, N. 0.45± mi, per FB 3705-135
	466	040		148	392	992		146	for return run see pg. 64 & 86

℄ of run from BM 30-17B to BM 30-17C

total BS = 466.040 BS. stadia = 148

" FS = 392.992 FS " = 146

Diff. in elev = + 73.048 Total " = 294

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

SURVEY BY W. J. Vogel WEATHER clear INST. NO. 76-34

NOTES BY Vogel DATE 7-20-65 TIME 1:30 PM ROD NO. 95-96

INDEXED C. J. GALLI DATE AUG 10 '65 NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-17C TO BM30-17B
BM 30-17C									BM 30-17C
1.	118	893	419 5	141 / 95 4	161	815	462 5	185 / 137 48	San Gabriel River & San Diego Frwy., N. 0.45 ± mi., per FB 3705-135
2.	143	449	444 5	169 / 118 50	152	320	453 5	177 / 127 50	
3	137	433	438 5	162 / 112 50	158	439	459 5	183 / 133 50	BM 30-17B
	399	775		146	472	574		148	San Gabriel River & San Diego Frwy., N.0.25 ± mi., per FB 3705-133
									for toward run see pg. 63

Σ of run from BM 30-17C to BM 30-17B

Total B.S. = 399.775 B.S. Stadia = 146

" F.S. = 472.574 F.S. " = 148

Diff. in elev = −72.799 Total " = 294

F.B. 3746 PG. 64 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 2:45 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '65

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 30-17C TO BM 30-17D
BM30-17C									BM30-17C
1.	103	663	404 5	129 77 52	137	079	438 5	164 110 54	San Diego Frwy., & San Gabriel River, N. 0.45± mi., per FB 3705-135
2.	177	013	478 5	195 159 36	119	317	420 5	137 101 36	BM 30-17D San Diego Frwy & San Gabriel River, N. ± mi, per FB 3705-137
	280.676			88	256.396			90	

for return run see pg. 66

Σ of run from BM 30-17C to BM 30-17D

Total BS = 280.676

" FS = 256.396

Diff. in elev. + 24.280

BS Stadia = 88

FS " = 90

Total " = 178

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

SURVEY BY W. J. Vogel

NOTES BY Vogel DATE 7-20-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 1:50 PM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 76234

ROD NO. 95-96

F.B. 3746 PG. 65

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75238 ROD NO. 95-96 DATE AUG 26 '85

WEATHER Clear TIME 2:35 PM NOTES CHKD. [illegible]

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-17D TO BM 30-17C
BM30-17D							BM 30-17D
1.	122 643	423 5	140 104 36	204 709	505 5	223 185 38	San Diego Fwy. & San Gabriel River, N. 0.55± mi. per FB 3705-137
2.	161 491	462 5	187 135 52	103 795	404 5	128 78 50	BM 30-17C
	284 134		88	308 504		88	San Diego Fwy. & San Gabriel River, N. ± mi, per FB 3705-135
							for foward run see pg. 65
℄ of run from BM 30-17D to BM 30-17C			TOTAL BS = 284.134				B.S. Stadia = 88
			" FS = 308.504				F.S. " " 88
			Diff. in elev = -24.370				TOTAL " " 176

F.B. 3746 PG. 68

SURVEY OF L.A. Co. Precise Level Net JOB NO. 1391.02

SURVEY BY Voje NOTES Voje

INDEXED C. J. GALLI DATE

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR CORRECTED 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 W.J. Voge

NOTES BY C. J. GALLI

INDEXED

DATE 7-20-65

DATE

WEATHER Clear

TIME 1:55 PM

NOTES CHKD

INST. NO 75234

ROD NO 95-96

DATE

F.B. 3746 PG. 67

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-17D TO BM 30-18A
BM 30-17D							BM 30-17D San Gabriel River & San Diego Fwy., N 0.55 ± mi., per FB 3705-137
1.	128 245	429 5	152 104 48	137 802	438 5	166 114 46	
2.	171 965	472 5	191 151 40	139 757	440 5	159 119 40	BM 30-18A San Gabriel River & ~~San Diego Fwy.~~ Willow St., N 5. ± mi., per FB 3705-139
	300.210 ✓		88 ✓	277 559 ✓		86 ✓	
							for return run See pg. 68
Σ of run from BM 30-17D to BM 30-18A			total BS = 300.210 ✓ " FS = 277.559 ✓ Diff. in elev = + 22.651 ✓				BS stadia = 88 ✓ FS " = 86 Total " = 174 ✓

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM30-18A TO BM30-17D
BM 30-18A									BM30-18A
1.	137	693	438 5	157 / 117 40	169	800 ~~799~~	470 5	189 / 149 40	Willow St. & San Gabriel River, S 0.65±, per FB 3705-139
2.	137	921	438 5	160 / 114 46	128	553	429 5	151 / 105 46	BM 30-17D
	275	614 ✓		86	298	353 ✓		86	San Gabriel River & San Diego Fwy. N. ± mi, per FB 3705-137 for toward run
									See pg. 67
Σ of	run	from		Total	BS =	275.614 ✓			BS Stadia = 86 ✓
BM30-	18A	to		"	FS =	298.353 ✓			FS " = 86 ✓
BM30-	17D			Diff	in elev.	-22.739 ✓			Total " = 172 ✓

F.B. 3745 PG. 68

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 2:27 PM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '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]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 30-18A TO BM 30-18B
BM 30-18A									BM 30-18A
1.	91	643	392 5	116 66 50	173	165	474 5	198 148 50	San Gabriel River, & ~~San Diego~~ Willow St. ~~Fwy.~~, H.S. 0.65± mi., per FB 3705-139
2.	144	648	445 5	166 122 44	149	678	450 5	171 127 44	
3	159	569	460 5	178 140 38	89	273	390 5	108 70 38	BM 30-18B
	395	860		132	412	116		132	San Gabriel River & ~~San Diego~~ Willow St. ~~Fwy.~~, H.S ± mi., per FB 3705-141
									for return run See pg. 70

Σ of run from BM 30-18A to BM 30-18B

Total B.S. = 395.860

" F.S. = 412.116

Diff. in elev = − ~~19~~ 16.256

BS Stadia = 132

FS Stadia = 132

Total " = 264

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

SURVEY BY W. J. Vogo

NOTES BY Vogo DATE 2-20-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 2:00 PM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 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 30-18B TO BM 30-18A
BM 30-18B							BM 30-18B
1.	92 568	393 5	111 / 73 38	162 878	463 5	181 / 143 38	Willow St. & San Gabriel River, S. 0.50 ± mi., per FB 3705-141
2.	148 431	449 5	169 / 127 42	144 908	445 5	165 / 123 42	
3	176 286	477 5	201 / 151 50	93 268	394 5	118 / 68 50	BM 30-18A
	417 285		130	401. 054		130	Willow St. & San Gabriel River, S. ± mi, per FB 3705-139
							for foward run see pg. 139
E of	run from		total	BS =	417.285		BS. Stadia: 130
BM 30-	18B to		"	FS =	401.054		FS. " = 130
BM 30-	18A		Diff. in elev =		+16.231		Total " = 260

F.B. 3746 PG. 70

SURVEY OF L.M. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 2:15 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '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 BM30-18B TO BM30-19A
BM30-18B									BM 30-18B
1.	79	052	380 ~~40~~ 5	102 56 46	159	093	460 5	182 136 46	Willow St. & San Gabriel River, S. 0.50± mi, per FB 3705-141
2.	144	808	445 5	167 121 46	130	427	431 5	153 107 46	
3.	168	190	469 5	181 156 25	131	497	432 5	144 118 26	BM 30-19A
	392.050			117	421.017			118	Willow St. & San Gabriel River, S. ± mi., per FB 3705-143
									for return run see pg. 72

Σ of run from BM 30-18B to BM 30-19A

Total B.S. = 392.050
" F.S. = 421.017
Diff. in elev. = -28.967

B.S. Stadia = 117
F.S. " = 118
Total " = 235

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-21-65
INDEXED G. J. GALLI DATE
WEATHER overcast INST. NO. 75234
TIME 9:10 AM ROD NO. 96-96
NOTES CHKD [illegible] DATE AUG 26 '65
F.B. 3746 PG. 71

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-19A TO BM 30-18B
BM30-19A									BM 30-19A Willow St. & San Gabriel River, S. 0.35± mi, per FB 3705-143
1.	130	258	431 5	143 / 117 26	168	960	469 5	180 / 155 25	
2.	135	131	436 5	158 / 112 46	148	638	449 5	171 / 125 46	
3.	160	873	461 5	183 / 137 46	79	772	380 5	102 / 56 46	BM 30-18B, Willow St. & San Gabriel River, S. ± mi, per FB 3705-141
	426	262		118	397	370		117	
									for toward run see pg. 71

Σ of run from BM 30-19A to BM 30-18B

Total B.S. = 426.262 B.S. Stadia: 118

" F.S. = 397.370 F.S. " = 117

Diff. in elev. = + 28.892 Total " = 235

F.B. 3746 PG. 72

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 10:20 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '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 CALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-19A TO BM30-20A
BM 30-19A									BM 30-19A
1.	127	950	428 5 *	149 / 105 44	163	992	464 5	185 / 141 44	Willow St. & San Gabriel River, S. 0.35 ± mi, per FB 3705-143
2.	179	367	480 5	201 / 158 43	159	941	460 5	181 / 138 43	
3.	179	052	480 5	202 / 156 46	102	902	403 5	124 / 80 44	BM 30-20A
	486	369	✓	133 ✓	426	835	✓	131 ✓	Willow St. & San Gabriel River, S. ± mi, per FB3705-145
									for return run see pg 74

Σ of run from BM 30-19A to BM 30-20A

Total B.S. = 486.369 ✓
" F.S. = 426.835 ✓
Diff. in elev. = +59.534 ✓

B.S. Stadia = 133
F.S. " = 131
Total " = 264

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-21-65

INDEXED E. J. GALLI DATE

WEATHER overcast

TIME 9:20 AM

NOTES CHKD [signature] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 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.

F.B. 3746 PG. 74 JOB NO. 0301.02

SURVEY OF L.A.C. Precise Lev. Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 10:65 ROD NO. 95-96

NOTES CHKD DATE AUG 26 65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-20A TO BM 30-19A
BM 30-20A							BM 30-20A Willow St. & San Gabriel River, S. 0.15 ± mi., per FB 3705-145
1.	97 492	398 5	119 75 44	172 965	473 5	195 149 46	
2.	162 950	463 5	184 141 43	179 170	480 5	200 157 43	
3.	159 413	460 5	181 137 44	127 154	428 5	149 105 44	BM 30-19A Willow St. & San Gabriel River, S. ± mi., per FB 3705-143
	419 855		131	479 289		133	
							for forward run see pg. 73

Σ of run from BM 30-20A to BM 30-19A

Total BS = 419 855 BS. Stadia = 131

" FS = 479 289 F.S. " = 133

Diff. in elev. = − 59 434 Total " = 264

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 CALLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-20A TO BM30-20B
BM30-20A									BM 30-20A Willow St. & San Gabriel River, S. 0.15 ± mi., per FB 3705-145.
1.	96	665	397 S	122 / 69 53	153	460	454 S	181 / 126 55	
2.	146	393	447 S	165 / 127 38	151	772	452 S	170 / 132 38	
3.	155	312	456 S	177 / 132 45	91	122	392 S	114 / 68 46	BM 30-20B Willow St. & San Gabriel River, N. 200' ±, per FB 3705-147
	398.370			136	396.354			139	for return run see pg. 76

Σ of run from BM 30-20A to BM 30-20B

Total B.S. = 398.370 Bs. Stadia = 136
" F.S. = 396.354 F.S. " = 139
Diff. in elev. = + 2.016 Total " = 275

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Yoge
NOTES BY Yoge DATE 7-21-65
INDEXED G. J. GALLI DATE
WEATHER Overcast INST. NO. 75234
TIME 9:35 AM ROD NO. 95-96
NOTES CHKD. [illegible] DATE AUG 26 '65

F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-20B TO BM 30-20A
BM30-20B									BM 30-20B
1.	90	621	391 5	113 67 46	154	999	455 5	176 ~~16~~ 131 45	Willow St. & San Gabriel River, N. 200'±, per FB 3705-147
2.	151	632	452 5	169 132 37	145	708	446 5	163 126 37	
3.	154	664	455 5	181 127 54	98	350	399 5	125 71 54	BM 30-20A
	396.917			137	399.057			136	Willow St. & San Gabriel River, S.0.15 ± mi, per FB 3705-145
									for toward run see pg. 75

Σ of run from BM 30-20B to BM 30-20A

Total B.S. = 396.917
" F.S. = 399.057
Diff. in elev. - 2.140

B.S. Stadia = 137
F.S. " = 136
Total " = 273

F.B. 3746 PG. 76

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER over cast INST. NO. 75 234

TIME 9:55 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE 26 '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]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 BM30-20B TO BM30-21A
BM 30-20B							BM 30-20B
1.	102 955	403 5	125 ~~40~~ 79 46	161 437	462 5	186 137 49	Willow St. & San Gabriel River, N. 200' ±, per FB 3705-147
2.	166 550	467 5	191 140 51	162 268	463 5	186 137 49	
3	163 960	464 5	188 138 50	131 012	432 5	156 106 50	BM 30-21A
	433.465		147	454.717		148	Spring St. & San Gabriel River, S. 0.25± mi., per FB 3705-149
							for return run see pg. 78

Σ of run from BM 30-20B to BM 30-21A

Total BS = 433.465
" FS = 454.717
Diff. in elev. = -21.252

BS Stadia = 147
FS " = 148
Total " = 295

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Voge
NOTES BY Voge DATE 7-21-65
INDEXED C. J. GALLI DATE
WEATHER clear
TIME 2:20 PM
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 75234
ROD NO. 95 96
F.B. 3746 PG. 77

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-21A TO BM 30-20B
BM 30-21A									BM 30-21A Spring St. & San Gabriel River, S. 0.25± mi, per FB 3705-149
1.	136	475	437 5	150 / 123 27	163	055	464 / ~~464~~ 5	177 / 149 28	
2.	152	614	453 5	183 / 121 62	161	100	462 5	192 / 130 62	
3.	203	558	504 5	234 / ~~234~~ 172 62	147	321	448 5	178 / 116 62	BM 30-20B San Gabriel River & Willow St, N. 200'±, per FB 3705-147
	492.	647		151	471	476		152	
									for toward run see Pg. 77

E of run from BM 30-21A to BM 30-20B

Total B.S. = 492.647 B.S. stadia = 151

" F.S. = 471.476 FS " = 152

Diff. in elev. = +21.171 Total " = 303

F.B. 3746 PG. 78

SURVEY OF LA Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED ~~G. J. GALLE~~ DATE

JOB NO. 0301.02

WEATHER Overcast INST. NO. 75234

TIME 9:40 ROD NO. 95-76

NOTES CHKD [signature] DATE AUG 26 '65

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 30-21A TO BM 30-21B
BM30-21A									BM 30-21A
1.	143	153	444 5	166 / 120 46	135	619	436 5	158 / 113 45	Spring St. & San Gabriel River, S. 0.25±mi, per FB 3705-149
2.	162	602	463 5	187 / 136 51	136	934	437 5	161 / 110 51	
3.	170	746	471 5	195 / 144 51	110	320	411 5	138 / 82 56	BM 30-21B
BM30-21B	140 / ~~110~~	420 / ~~392~~	441 / ~~411~~ 5	~~176~~ ~~112~~ ~~107~~ ~~5~~ ~~16~~	110	392	411 5	112 / 107 5	Spring St. & San Gabriel River, S. 300 '±, per FB 3705-151
	616	921		144 8 / 136	493	265		157	for return run see pg. 80
				156					

Σ of run from BM30-21A to BM30-21B

Total BS = 616.921
" F.S. = 493.265
Diff. in elev. = +123.656

BS. Stadia = 156
F.S. " = 157
Total " = 313

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-21-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 3:40 PM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG. 79

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 95-96 DATE NOV 26 '85

WEATHER clear TIME 2:55 PM NOTES CHKD. [illegible]

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-21B TO BM 30-21A
BM30-21B							BM 30-21B Spring St. & San Gabriel River, S. 300'±, per FB 3705-151
1.	119 885	420 5	122 116 6	149 892	450 5	153 146 7	
2.	114 829	415 5	141 87 54	175 402	476 5	201 148 53	
3.	139 179	440 5	164 113 51	164 721	465 5	190 139 51	
~~4.~~	~~134 443~~	~~435 5~~	~~154 113 41~~	~~141 800~~	~~442 5~~	~~146 60~~	BM 30-21A Spring St. & San Gabriel River, S. 0.252 mi., per FB 3705-149
4.	134 178	435 5	157 112 45	141 625	442 5	14 118 46	
	508 071		156	631.640		157	

for foward run see pg. 79

Σ of run from BM 30-21B to BM 30-21A

Total B.S. = 508.071

" F.S. = 631.640

Diff. in elev. = −123.569

B.S. stadia = 156

F.S. " = 157

Total " = 313

F.B. 3746 PG. 80 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-21B TO BM 30 8-30 C
BM 30-21B									BM 30-21B
1.	126	400	427 5	137 116 21	152	652	453.5	162 141 21	Spring St. & San Gabriel River, per FB 3705-
									BM 8-30C
									Spring St. & San Gabriel River, per
									for return run see pg. 82
	Σ of run from BM 30-21B to BM 8-30C				Total		BS =	126.400	BS Stadia = 21
					"		FS =	152.652	FS " = 21
					Diff. in elev =			-26.252	Total = 42

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Voge
NOTES BY Voge DATE 7-22-65
INDEXED C. J. GALLI DATE
WEATHER overcast
TIME 9:10 AM
NOTES CHKD. [illegible] DATE AUG 26 '65
INST. NO. 95234
ROD NO. 95-96
F.B. 3746 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 8-30C TO BM 30-21B
BM 8-30C									BM 8-30C
1.	151	857	452 5	162 141 21	125	610	426 5	136 115 21	Spring St & San Gabriel River, per F.B.
									BM 30-21B
									Spring St. & San Gabriel River, per F.B. 3705-
									for foward run see pg. 81
Σ of run from BM 8-30C to BM 30-21B					Total		B.S. =	151.857	B.S. stadia = 21
					"		F.S. =	125.610	F.S. " = 21
					Diff. in elev =			+26.247	Total " = 42

F.B. 3746 PG. 82

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0361.02

WEATHER Overcast INST. NO. 75234

TIME 9:25 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '63

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 Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS FROM BM 8-30C TO BM 8-30B
BM 8-30c							BM 8-30c Spring St. & San Gabriel River, per F.B. ~~32~~ BM 8-30B
"	281 090	582 5	288 274/4	36 741	337 5	42 29 13	
BM 8-30B	245 114 ~~244 114~~	5465 ~~5455~~	251 23912	244 114	5455	251 238 13	5 Pring St. & San Gabriel River, per F.B.
	526.204		26	280.855		26	
							for return run see pg. 84

Σ of run from BM 8-30c to BM 8-30B

Total B.S. = 526.204 B.S. stadia: 26
" F.S. = 280 855 F.S. " = 26
Diff. in elev. = +245.349 Total " = 52

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge
INDEXED C. J. Gall
DATE 7-22-65
DATE
WEATHER Overcast
TIME 9:15 AM
NOTES CHKD
INST. NO. 15238
ROD NO. 95-96
DATE AUG 26 '65

F.B. 3746 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.

INST. NO. 75234 ROD NO. 95-96 DATE AUG 26 1985

WEATHER Overcast TIME 9:20 AM NOTES CHKD

JOB NO. 0301.02 NOTES Page DATE

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Page INDEXED

F.B. 3796 PG. 84

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-30B TO BM 8-30C
BM. 8-30B							BM 8-30B Spring St. & San Gabriel River, per F.B.
1.	242 ~~242~~ 162	543 5	249 236 13	243 171	544 ~~5~~ 5	249 237 12	
BM8-30C	37 721	338 5	43 30 13	282 070	583 5	289 275 14	BM8-30C Spring St. & San Gabriel River, per F.B.
	279 883		26	525 241		26	
							for toward run see pg. 83
Σ of run from BM 8-30B to BM 8-30C				Total B.S. = 279.883			B.S. stadia: 26
				" F.S. = 525.241			F.S. " = 26
				Diff. in elev. = -245.358			Total " = 52

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-22 TO BM30-5
BM30-22									BM 30-22 Elmfield & Atherton, per FB 3705-153
1.	180	241	481 5	194 / 165 29	148	169	449 5	163 / 133 30	
2.	163	681	464 5	188 / 138 50	150	468	451 5	175 / 125 50	
3.	165	208	466 5	190 / 140 50	143	362	444 5	168 / 118 50	
4.	155	892	456 5	180 / 130 50	146	518	447 5	171 / 121 50	
BM 30-5	153	617	454 5	178 / 129 49	166	084	467 5	190 / 142 48	BM 30-5 Atherton & Clark, per FB 3705-105
	818	639		228	754	601		228	for toward run See Pg. 25 & 60

℄ of run from BM 30-22 to BM 30-5

Total B.S. = +818.639
" F.S. = −754.601
Diff. in elev. = + 64.038

B.S. Stadia = 228
F.S. " = 228
Total " = 456

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-21-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 10:50 AM

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 26 '65

F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-17C TO BM30-17B
BM30-17C									BM30-17C San Diego Frwy., & San Gabriel River, N. 0.45 ± mi, per FB 3705-135
1.	119	364	420 5	142 / 96 46	166	740	467 5	190 / 142 48	
2.	144	510	445 5	169 / 119 50	148	192	449 5	173 / 123 50	
3.	137	990	438 5	162 / 113 49	159	995	460 5	184 / 135 49	BM30-17B San Diego Frwy, & San Gabriel River, N. 0.25 ± mi, per FB 3705-133
	401	864		145	474	927		147	
									for toward run See Pg. 63

Σ of run from BM30-17C to BM30-17B

B.S. Stadia = 145
F.S. " = 147
Total " = 292

Total B.S. = 401.864
" F.S. = 474.927
Diff. in elev. = −73.063

F.B. 3746 PG. 6

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vega NOTES Vega

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:05 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '63

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]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 30-4 TO BM 30-5
BM30-4									BM 30-4 Clark Ave, & Atherton St, per FB 3705-105
1.	175	388	476 5	190 160 30	183	078	484 5	198 168 30	BM 30-5 Clark Ave, & Atherton St, per FB 3705-105
									for return run see pg. 88

Σ of run from BM 30-4 to BM 30-5

Total B.S. = +175.388

" F.S. = −183.078

Diff. in elev. = − 7.690

B.S. Stadia = 30

F.S. " = 30

Total " = 60

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

SURVEY BY W. J. Vogel

NOTES BY Vogel DATE 7-22-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 2:10 PM

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 95-96

AUG 26 65

F.B. 3746 PG. 87

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-5 TO BM 30-4
BM 30-5									BM 30-5 Clark & Atherton, per FB 3705-105
1.	181	719	482 5	196 166 30	174	058	475 5	189 159 30	BM 30-4 Clark & Atherton, per FB 3705-105
									for foward run see pg. 87

Σ of run from BM 30-5 to BM 30-4

Total BS = 181.719
" FS = 174.058
Diffin elev. = ~~7.651~~ 7.661

B.S. Stadia = 30
F.S. " = 30
Total " = 60

F.B. 3746 PG. 88 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Voge NOTES Voge
INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234
TIME 2:30 PM ROD NO. 95-96
NOTES CHKD. [illegible] DATE AUG 26 '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]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 BM30-5 TO BM30-22A
BM30-5							BM30-5 Atherton St. & Clark Ave, per FB 3705-105
1.	194 648	495 5	219 / 169 50	152 192	453 5	177 / 127 50	
2.	174 092	475 5	188 / 161 27	125 341	426 5	139 / 112 27	BM30-22A. Atherton St. & Clark Ave., S. 0.1± mi., per FB 3705-155
	368 740		77	277 533		77	for return run see pg. 90

Σ of run from BM30-5 to BM30-22A

Total BS = 368.740 B.S. stadia = 77

" FS = 277.533 F.S. " = 77

Diff. in elev. at 91.207 Total " = 154

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

SURVEY BY W.J. Voge

NOTES BY Voge DATE 7-22-65

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 2:15 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG 89

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 95-96 DATE AUG 26 '88

WEATHER Clear TIME 2:20 PM NOTES CHKD. [illegible]

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 30-22 A TO BM 30-5
BM 30-22 A							BM 30-22 A Clark Ave. & Atherton St, S. of ± mi., per FB 3705-105
1.	124 580	425 5	138 / 111 27	173 118	474 5	187 / 160 27	
2.	150 980	451 5	175 / 125 50	193 600	494 5	218 / 168 50	BM 30-5 Clark Ave. & Atherton St., per FB 3705-105.
	275 560		77	366 718		77	
							for foward run see pg. 89
Σ of run from BM 30-22 A to BM 30-5				TOTAL B.S. = 275.560			BS. stadia: 77
				" F.S. = 366.718			F.S. " = 77
				Diff in elev. = -91.158			Total " = 154

F.B. 3746 PG. 90 JOB NO. 630.02

SURVEY OF Voje NOTES Voje

SURVEY BY G. J. GALL DATE

INDEXED

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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Voge
NOTES BY Voge
INDEXED C.J. GALL
DATE 7-22-65
DATE
WEATHER Clear
TIME 2:35 PM
NOTES CHKD. [illegible]
DATE AUG 26 '65
INST. NO. 75238
ROD NO. 9594
F.B. 3746 Pg. 91

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-22A TO BM 30-23
BM 30-22A							BM 30-22A Atherton St. & Clark Ave., S. 0.1 ± mi., per FB 3705-155
1.	145 428	446 5	170 120 50	145 967	446 5	170 120 50	
2.	192 157	493 5	208 176 32	89 200	390 5	105 73 32	
3.	243 794	544 5	258 228 30	71 995	372 5	86 56 30	
4.	261 874	562 5	276 246 30	72 999	373 5	87 57 30	
5.	236 395	537 5	251 220 31	66 912	367 5	81 50 31	
6.	253 120	554 5	268 238 30	59 660	360 5	74 44 30	
7.	219 118	520 5	242 196 46	70 942	371 5	93 47 46	
8.	201 750	502 5	221 181 40	97 630	398 5	117 77 40	
9.	218 000	519 ~~518~~ 5	238 198 40	100 598	401 5	120 80 40	for return run See Pg. 92
BM 30-23	192 221	493 5	204 180 24	187 870	488 5	199 175 24	BM 30-23 Pacific Coast Hwy & Los Altos Plaza per FB 3705-157
	2163 857		353	963 773		353	

E of run from BM 30-22A to BM 30-23

Total BS = 2163.857 BS. Stadia = 353
" FS. = 963.773 FS. " = 353
Diff. in elev. = +1200.084 Total " = 706

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 30-23 TO BM 30-22A
BM 30-23									BM 30-23 Pacific Coast Hwy & Los Altos Plaza, per FB 3705-157
1.	188	721	489 5	200 / 176 24	193	085	494 5	205 / 181 24	
2.	97	960	398 5	117 / 77 40	217	722	518 5	237 / 197 40	
3.	113	792	414 5	133 / 93 40	215	995	516 ~~416~~ 5	235 / 195 40	
4.	71	155	372 5	94 / 48 46	222	745	523 5	245 / 199 46	
5	65	920	366 5	80 / 50 30	255	780	556 5	270 / 240 30	
6	67	652	368 5	82 / 52 30	236	868	537 5	251 / 221 30	
7	73	810	374 5	88 / 58 30	262	785	563 5	277 / 247 30	
8	71	805	372 5	86 / 56 30	241	297	542 5	256 / 226 30	
9	89	167	390 5	105 / 73 32	194	422	495 5	210 / 178 32	for foward run see pg. 91
BM 30-22A	148	448	449 5	173 / 123 50	148	022	449 5	173 / 123 50	BM 30-22A Clark Ave. & Atherton St, S. 0.1± mi., per FB 3705-155
	988	430		352	2188	721		352	

Σ of run from BM 30-23 to BM 30-22A

Total B.S. = 988.430
" F.S. = 2188.721
Diff. in elev. = -1200.291

B.S. Stadia = 352
F.S. " = 352
Total " = 704

F.B. 3746 PG. 92

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALL DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 11:05 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '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 30-23 TO BM 30-38
BM 30-23									BM 30-23 Pacific Coast Hwy & Los Altos Plaza, per FB 3705-157
1.	163	487	464 5	186 / 140 46	194	142	495 ~~495~~ 5	217 / 171 46	
2.	96	457	397 5	119 / 73 46	221	770	522 5	244 / 198 46	
3.	89	568	390 5	112 / 66 46	229	566	530 5	252 / 206 46	
4.	93	203	394 5	116 / 70 46	221	520	522 5	244 / 198 46	
5.	119	668	420 5	138 / 100 38	164	746	465 5	184 / 144 40	BM 30-38 Pacific Coast Hwy & Santiago, per FB 3705-191
	562	383		222	1031	744		224	for return run see pg. 94

Σ of run from BM 30-23 to BM 30-38

Total B.S. = 562.383 B.S. stadia = 222

" F.S. = 1031.744 F.S. " = 224

Diff. in elev. = -469.361 Total " = 446

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

SURVEY BY W. J. Voge WEATHER overcast INST. NO 75234

NOTES BY Voge DATE 7-23-65 TIME 9:15 AM ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 93

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

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

Do not extend notes this side of this line.

F.B. 3746 PG. 94
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Yoge NOTES Yoge
INDEXED C.J. GALLI DATE
JOB NO. 0301.02
WEATHER Overcast
TIME 9:40 AM
NOTES CHKD
INST. NO. 75234
ROD NO. 95896
DATE AUG 26 '85

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM 30-38 To BM 30-23
BM 30-38									BM 30-38 Santiago Ave. & Pacific Coast Hwy, per FB 3705-191
1.	167	270	468 5	186 147 39	121	148	422 5	140 102 38	
2.	223 ~~229~~	708	524 5	246 200 46	88	830	389 5	111 65 46	
3.	223	608	524 5	246 200 46	91	320	392 5 ~~389 5~~	114 68 46	
4.	221	060	522 5	244 198 46	95	529	396 5	118 72 46	
5.	196	805	497 5	219 173 46 173	166	545	467 5	189 143 46	BM 30-23 Pacific Coast Hwy & Los Altos Plaza, per FB 3705-157
	1032	451	✓	223	563	372	✓	222	for forward run see pg. 93 & 113

Σ of run from BM 30-38 to BM 30-23

Total B.S. = 1032.451 ✓ B.S. stadia = 223 ✓
" F.S. = 563.372 ✓ F.S. " = 222 ✓
Diff in elev. = +469.079 ✓ total " = 445 ✓

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 (L.) Tolle

NOTES BY Tolle

DATE 7-26-65

WEATHER Overcast

TIME 9:10 AM

INST. NO. 75231

ROD NO. 95-96

INDEXED C. J. GALL

DATE

NOTES CHKD

DATE AUG 26 '65

F.B. 3746 Pg. 95

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 30-38 TO BM 30-26A
BM30-38									BM 30-38 Pacific Coast Hwy & Santiago Ave, per FB3705-191
1.	168	420	469 5	191/145 46	99	925	400 5	122/76 46	
2.	210	270	511 5	233/187 46	99	748	400 5	122/76 46	
3.	211	338	512 5	234/188 46	114	885	415 5	137/91 46	
4.	175	887	476 5	200/150 50	168	772	469 5	193/143 50	
5.	122	874	423 5	147/97 50	166	798	467 5	191/141 50	
6.	212	675	513 5	231/193 38	41	294	342 5	60/22 38	
7.	274	090	575 5	289/259 30	39	300	340 5	54/24 30	
8.	293	807	594 5	293/278 30 (15K2)	40	872	341 5	55/25 30	
9.	241	108	542 5	256/226 30	95	363	396 5	110/80 30	
10	205	220	506 5	227/182 45	141	538	442 5	164/118 46	for return run See pg. 97
11	171	740	472 5	192/150 42	135	023	436 5	156/114 42	
12	141	130	442 5	151/131 20	224	710	525 5	234/214 20	BM 30-26A Bellflower Blvd. & Pacific Coast Hwy, per FB3705-159
	2428	559		473	1368	228		474	for ℄ see pg. 96

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-38 TO BM 30-26A
									Cont'd from pg. 95

Σ of run from BM 30-38 to BM 30-26A

Total BS =	2428.559	B.S. Stadia =	473
" FS =	1368.228	F.S. " =	474
Diff. in elev. =	+1060.331	Total " =	947

F.B. 3746 PG. 96

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75234

TIME 9:10 AM (Cont'd) ROD NO. 95596

NOTES CHKD [signature] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
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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 W. J. Voge
NOTES BY Voge
INDEXED G. J. Gauld
DATE 7-23-65
DATE
WEATHER Clear
TIME 10:40 AM
NOTES CHKD
INST. NO 75231
ROD NO 95-96
DATE AUG 26 '65
F.B. 3746 PG. 97

STATION	BACKSIGHT Right	Mic.	Left	Stadia		FORESIGHT Right	Mic.	Left	Stadia		DESCRIPTION AND REMARKS
											FROM BM 30-26A TO BM 30-38
BM 30-26A											BM 30-26A Bellflower Blvd. & Pacific Coast Hwy, per F.B. 3705-159
1.	225	618	526	5	236/215 21	141	233	442	5	152/131 21	
2.	134	922	435	5	155/113 42	175	433	476	5	196/154 42	
3.	144	947	445	5	167/121 46	205	524	506	5	227/183 44	
4.	96	828	397	5	111/81 30	244	345	545	5	259/229 30	
5.	25	642	326	5	40/10 30	280	185	581	5	296/265 31	
6.	47	139	348	5	62/32 30	276	104	577	5	291/261 30	
7.	44	427	345	5	63/25 38	219	315	520	5	238/200 38	
8.	165	617	466	5	190/140 50	120	290	421	5	145/95 50	
9.	165	780	466	5	190/140 50	173	188	474	5	198/148 50	
10.	113 ~~113~~	126	414 ~~413~~	5	136/90 46	209	487	510	5	232/186 46	
11.	100	191	401	5	123/77 46	210	986	511	5	233 ~~234~~/187 46	for foward run see pg. ~~99~~ 95
12.	103	945	404	5	126/80 46	172	310	473	5	195/149 46	BM 30-38 Pacific Coast Hwy & Santiago Ave., per FB 3705-191 for & see pg. 98
	1368	182			475	2428	400			474	

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-26A TO BM 30-38
									Cont'd from pg. 97

Σ of run from BM 30-26A to BM 30-38

Total B.S. = 1368.182
" F.S. = 2428.400
Diff. in elev = -1060.218

B.S. Stadia: 475
F.S. " = 474
Total " = 949

F.B. 3746 PG. 98 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vage NOTES Vage

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 10:40 AM (Cont'd) ROD NO. 95-96

NOTES CHKD. [signature] DATE AUG 26 '68

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]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 30-26A TO BM 30-25A
BM30-26A									BM 30-26A
1.	208	232	509 5	226 / 190 36	158	552 ~~532~~	459 5	197 / 140 37	Bell Flower Blvd. & Pacific Coast Hwy., per FB 3705-159
									BM 30-25A
									Bell Flower Blvd. & Pacific Coast Hwy., per F.B. 3705-159
									for return run See pg. 100

Σ of run from BM 30-26A to BM 30-25A

Total B.S. = 208.232 B.S. Stadia = 36

" F.S. = 158.552 F.S. " = 37

Diff. in elev = + 49.680 Total " = 73

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-23-65

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 1:55 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 99

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-25A TO BM 30-26A
BM30-25A									BM 30-25A
1.	159	204	460 5	177 140 37	208	892	509 5	226 190 36	Bellflower Blvd. & Pacific Coast Hwy, per FB 3705-159
									BM 30-26A ~~Bellflower~~ Bellflower Blvd, & Pacific Coast Hwy, per FB 3705-159 for toward run
									See pg. 99

Σ of run from BM 30-25A to BM 30-26A

Total B.S. = 159.204 B.S. stadia = 37

" F.S. = 208.892 F.S. " = 36

Diff. in elev = -49.688 Total " = 73

F.B. 37 K PG. 100

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 10:35 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '63

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]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 W. J. Voge DATE 7-23-65 WEATHER clear INST. NO. 25234

NOTES BY Voge DATE TIME 2:05 PM ROD NO. 95-96

INDEXED [illegible] DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 101

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 30-25A TO BM 30-27
BM 30-25A									BM 30-25A Bellflower Blvd. & Pacific Coast Hwy., per F.B. 3705-159
1.	66	970	367 5	74 / 58 16	196	838	497 5	204 / 188 16	
2.	78	010	379 5	93 / 63 30	262	245	563 5	277 / 247 30	
3.	38	525	339 5	52 / 24 28	260	252	561 5	274 / 246 28	
4.	55	280	356 5	69 / 41 28	250	235	551 5	264 / 236 28	
5.	58	379	359 5	72 / 44 28	261	090	562 5	275 / 247 28	
6.	42	500	343 5	56 / 28 28	269	895	570 5	283 / 255 28	
7.	47	125	348 5	61 / 33 28	284	572	585 5	298 / 270 28	BM 30-27 Bellflower Blvd. & Pacific Coast Hwy., E 0.2± mi, per FB 3705-161
~~8.~~	386	789		~~230~~ 186	1785	127	5	186	for ~~[illegible]~~ return run see pg. 102

℄ of run from BM 30-25A to BM 30-27

Total B.S. = 386.789 B.S. Stadia = ~~230~~ 186

" F.S. = 1785.127 F.S. " = 186

Diff. in elev. = -1398.338 Total " = 372

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-27 TO BM30-25A
BM30.27									BM 30-27 Bellflower Blvd. & Pacific Coast Hwy, ~~per FB 370~~ - E. 0.20±, per FB 3705-161
1.	281	843	582 5	295 267 28	42	170	343 5	56 29 27	
2.	270	250	571 5	284 256 28	49	706	350 5	63 35 28	
3.	271	720	572 5	285 257 28	61	912	362 5	75 47 28	
4.	257	778	558 5	271 243 28	65	390	366 5	79 51 28	
5.	267	780	568 5	281 253 28	45	303	346 5	59 31 28	
6.	261	552	562 5	277 245 32	72	312	373 5	88 56 32	
7.	195	389	496 5	203 187 16	71	198	372 5	79 63 16	BM 30-25A Bellflower Blvd & Pacific Coast Hwy, per FB 3705-159
	~~2629.125~~ 1806312 ✓			~~233~~ 188 ✓	407	991 ✓		187 ✓	for foward run see pg. 101

Σ of run from BM 30-27 to BM 30-25A

Total BS = ~~2629.125~~ 1806312 ✓
" FS = 407.991 ✓ ~~BS~~ stadia = 188 ✓
Diff. in elev. = ~~2221.134~~ ~~F.S.~~ " = 187 ✓
+1398.321 Total " = 375 ✓

F.B. 3746 PG. 102

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER overcast INST. NO. 75236

TIME 10:00 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '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]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 30-27 TO BM 30-28B
BM 30-27									BM 30-27 Bellflower Blvd. & Pacific Coast Hwy., 0.20± m. E., per FB 3705-161
1.	91	378	392 5	104 78 26	229	765	530 5	241 217 24	
2.	88	362	389 5	103 73 30	200	431	501 5	215 185 30	
3.	90	100	391 5	113 67 46	220	355	521 5	243 197 46	
4.	127	300	428 5	138 116 22	137	602	438 5	149 125 24	BM 30-28A Pacific Coast Hwy & Colorado St., per FB 3705-163
	397	140		124	788	153		124	
									for return run See pg. 104

Σ of run from BM 30-27 to BM 30-28A

Total BS = 397.140 B.S. Stadia = 124

" FS = 788.153 F.S. " = 124

Diff. in elev = -391.013 Total " = 248

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-23-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 2:35 PM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 85-96

F.B. 3746 PG. 103

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-28A TO BM 30-27
BM 30-28A									BM 30-28A Colorado St. & Pacific Coast Hwy, per FB 3705-163
1.	135	575	436 5	147 / 123 24	125	288	426 5	136 / 114 22	
2.	220	370	521 5	243 / 197 46	90	482	391 5	113 / 67 46	
3.	199	582	500 5	214 / 184 30	87	070	388 5	102 / 72 30	
4.	229	795	530 5	241 / 217 24	91	508	392 5	104 / 78 26	BM 30-27 Bellflower Blvd. & Pacific Coast Hwy, E. 0.20± mi, per FB 3705-161 for foward run
	785	322		124	394	348		124	See Pg. 103

Σ of run from BM 30-28A to BM 30-27

Total BS = 785.322
" FS = 394.348
Diff in elev = +390.974

B.S. Stadia = 124
F.S. " = 124
Total " = 248

F.B. 3746 PG/04

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

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 2:45 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '68

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-28A TO BM30-29A
BM 30-28A									BM 30-28A Pacific Coast Hwy. & Colorado St. per F.B. 3705-163
1.	110	482	411 5	115 105 10	171	678	472 5	176 165 11	
2.	76	920	377 5	163 53 50	212	721	513 5	237 187 50	
3.	101	519	402 5	126 76 50	210	246	511 5	235 185 50	
4.	130	552	431 5	155 105 50	153	388	454 5	178 128 50	
5.	185	691	486 5	210 160 50	126	635	427 5	151 101 50	
6.	161	838	462 5	186 136 50	153	711	454 5	178 128 50	
7.	162	711	463 5	185 139 46	112	148	413 5	135 89 46	
8.	244	960	545 5	264 226 38	77	236	378 5	97 58 39	
BM30-29A	176	963	477 5	181 171 10	135	339	436 5	140 130 10	BM30-29A Pacific Coast Hwy. & Los Cerritos Channel, per. F.B. 3705-165
	1351	636		354	1353	102		356	for return run see Pg 106

Σ of run from BM 30-28A to BM 30-29A

Total BS = 1351.636
" FS = 1353.102
Diff. in elev = − 1.46~~9~~6

B.S. Stadia = 354
F.S. Stadia = 356
Total = 710

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-27-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 9:55 AM

NOTES CHKD. [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG. 105

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-29A TO BM 30-28A
BM30-29A									BM 30-29 A Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-165
1.	137	932	438 5	142 10 / 132 ~~20~~	169	591	470 5	174 / 164 10	
2.	69	688	370 5	88 / 50 38	247	336	548 5	266 / 228 38	
3.	112	120	413 5	135 / 89 46	163	608	464 5	186 / 140 46	
4.	151	912	452 5	176 / 126 50	159	111	460 5	184 / 134 50	
5.	127	894	428 5	152 / 102 50	190	842	491 5	215 / 165 50	
6.	167	655	468 5	192 / 142 50	141	283	442 5	166 / 116 50	
7.	206	052	507 5	231 / 181 50	96	420	397 5	121 / 71 50	
8.	222	690	523 5	247 / 197 50	86	160	387 5	111 / 61 50	
9.	169	244	470 5	175 / 163 12	109	785	410 5	114 / 103 11	BM 30-28 A Pacific Coast Hwy. & Colorado St., per F.B 3705-163
	1365	18~~5~~ 7		356	1364	136		355	for toward run see Pg. 105 & 114

Σ of run from BM 30-29 A to BM 30-28 A

Total B.S = 1365.187
" F.S = 1364.136
Diff in elev = + 1.051

~~Total~~ B.S. Stadia = 356
− F.S Stadia = 355
Total = 711

F.B. 3746 PG. 106 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. BALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:25 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM30-29A TO BM30-30B
BM30-29A									BM 30-29A
1.	196	101	497 5	220 / 172 48	154	509	455 5	178 / 130 48	Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-~~163~~ 165
BM30-30B	129	082	430 5	143 / 116 27	209	578	510 5	221 / 197 24	BM 30-30B
	325	183		75	364	087		72	Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-193
									for return run See pg. 108

Σ of run from BM 30-29A to BM 30-30B

Total B.S. = 325,183
" F.S. = 364,087
Diff. in elev = − 38,904

B.S. Stadia = 75
F.S. Stadia = 72
Total 147

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-27-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:40 AM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG. 107

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3746 PG. 108 | JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:05 AM ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 26 '85

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-30B TO BM 30-29A
BM. 30-30B							Bm 30-30B Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-193
1	207 319	508 5	719 / 19 25	126 395	427 5	139 / 113 26	
2	155 298	456 5	179 / 13 48	197 237	498 5	221 / 173 48	Bm 30-29A Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-163
	362 617	✓	73	323 632	✓	74	
							for foward run see pg. 107
	Σ of run from Bm 30-30 B to Bm 30-29 A			Total B.S. = 362.617 ✓ " F.S. = 323.632 ✓ Diff. in elev = + 38.985 ✓			B.S. Stadia = 73 ✓ F.S. Stadia = 74 ✓ Total = 147 ✓

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM30-30B TO BM30-30
BM30-30B									BM 30-30B Pacific Coast Hwy & Los Cerritos Channel, per F.B. 3705-193
1.	44	999	3455	50 37 13	287	536	588 5	293 280 13	BM 30-30 Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-167
									for return run See pg. 110

Σ of run from BM 30-30B to BM 30-30

Total B.S. = 44.999
" F.S. = 287.536
Diff. in elev = -242.537

B.S. Stadia = 13
F.S. Stadia = 13
Total = 26

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY C. J. GALLI
INDEXED
DATE 7-27-65
DATE
WEATHER clear
TIME 10:50 AM
NOTES CHKD
INST. NO. 75234
ROD NO. 95-96
DATE AUG 26 '65
F.B. 3746 PG. 109

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-30 TO BM30-30B
BM30-30									BM 30-30 Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-167
1.	279	970	580 5	286 273 13	37	529	338 5	43 30 13	BM 30-30B Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-193
									for foward run See pg. 109
	Σ of run from BM 30-30 to BM 30-30 B				Total B.S. = 279.970 ✓				B.S. Stadia = 13 ✓
					" F.S. = 37,529 ✓				F.S. Stadia = 13 ✓
					Diff in elev = + 242.441 ✓				Total = 26 ✓

F.B. 3746 PG. 110 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 11:05 AM ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO
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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-30 TO BM 30-30A
BM 30-30									BM 30-30 Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-167
1.	136	191	437 5	138 / 134 4	203	385	5045	205 / 201 4	BM 30-30A Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-169
									for return run See pg. 112
	Σ of run from BM 30-30 To BM 30-30 A				Total B.S. = 136.191 ✓ " F.S. = 203.385 ✓ Diff. in elev = − 67.194 ✓				B.S. Stadia = 4 ✓ F.S. Stadia = 4 ✓ Total = 8 ✓

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

SURVEY BY W. J. Voge

NOTES BY W. J. Voge

DATE 7-27-65

WEATHER clear

TIME 10:55 AM

INDEXED G. J. GALLI

DATE

NOTES CHKD

DATE

INST. NO. 75224

ROD NO. 95-96

AUG 26 '65

F.B. 3746 Pg. 111

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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.

WEATHER Clear INST. NO. 75234
TIME 11:00 AM ROD NO. 95-96
NOTES CHKD. DATE

F.B. 3746 PG. 112 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Voge NOTES Voge
INDEXED G. J. GALLI DATE

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-30A TO BM 30-30
BM 30-30A									BM 30-30A Pacific Coast Hwy. & Los Cerritos Channel, per F.B. 3705-169 BM 30-30 Pacific Coast Hwy. & Los Cerritos Channel, per 3705-167
1.	202	382	503	5	135	190	436	5	
				204 200 4				137 133 4	
									for forward run see pg. 111
	Σ of run from BM 30-30A to BM 30-30				Total B.S.=			202.382	B.S. Stadia = 4
					F.S.=			135.190	F.S. Stadia = 4
					Diff. in elev.=			+ 67.192	Total = 8

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-23 TO BM 30-38
BM 30-23									BM 30-23 Pacific Coast Hwy & Los Altos Plaza, per FB 3705-157
1.	165	789	466 5	188 / 142 46	196	123	497 5	219 / 173 46	
2.	93	808	394 5	116 / 70 46	220	872	521 5	243 / 197 46	
3.	93	169	394 5	116 / 70 46	225	515	526 5	248 / 202 46	
4.	87	081	388 5	110 / 64 46	221	031	522 5	244 / 198 46	
5	120	646	421 5	139 / 101 38	166	203	467 5	186 / 146 40	BM 30-38 Pacific Coast Hwy & Santiago Ave, per FB 3705-191
	560	.493		222	1029	744		224	for return run See Pg. 94

Σ of run from BM 30-23 to BM 30-38

Total BS = 560.493
" FS = 1029.744
Diff. in elev. = −469.251

BS Stadia = 222
FS " = 224
Total " = 446

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

SURVEY BY W. J. Voge DATE 7-27-65 WEATHER Clear INST. NO. 75234

NOTES BY Voge DATE 7-27-65 TIME 7:05 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 Pg. 113

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM30-28A TO BM30-29A
BM30-28A									BM30-28A Pacific Coast Hwy & Colorado St, per FB 3705-163
1.	106	460	407 5	111 / 105 6	166	645	467 5	171 / 160 11	
2	86	715	387 5	111 / 61 50	223	930	524 5	248 / 198 50	
3.	99	628	400 5	124 / 74 50	207	298	508 5	232 / 182 50	
4	145	378	446 5	170 / 120 50	167	435	468 5	192 / 142 50	
5.	187	778	488 5	212 / 162 50	129	930	430 5	154 / 104 50	for return run See pg. 106
6.	163	063	464 5	188 / 138 50	155	908	456 5	180 / 130 50	
7.	168	027	469 5	192 / 144 48	117	146	418 5	139 / 95 44	
8	251	600	552 5	270 / 232 38	73	394	374 5	92 / 54 38 ~~48~~	
9.	171	759	472 5	176 / 166 10	140	030	441 5	145 / 135 10	BM 30-29A Pacific Coast Hwy & Los Cerritos Channel, per FB 3705-165
	1380	408		352	1381	716		353	

Σ of run from BM30-28A to BM30-29A

Total BS = 1380.408
" FS = 1381.716
Diff. in elev = − 1.308

BS. Stadia = 352
FS " = 353
Total " = 705

F.B. 3746 PG. 114 JOB NO. 0301.02
SURVEY OF LA Co. Precise Level Net 7/28/65
SURVEY BY Voge NOTES Voge "
INDEXED C. J. GALLI DATE 7
WEATHER clear INST. NO. 75234
TIME 9:05 AM ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

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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 W. J. Voge
NOTES BY Voge
INDEXED
DATE 7-2-65
DATE
WEATHER Clear
TIME 11:50 AM
NOTES CHKD
DATE AUG 26 '68
INST. NO. 3234
ROD NO. 95-96
F.B. 3746 PG. 115

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	FORESIGHT Right	Mic.	Left	Mic.	Stadia	DESCRIPTION AND REMARKS
											FROM BM30-30A TO BM30-30C
BM30-30A											BM 30-30A Pacific Coast Hwy, & Los Cerritos Channel, per FB 3705-169
1.	210	771	511	5	235 185 50	116	595	417	5	142 89 53	
2.	139	635	440	5	164 114 50	186	660	487	5	211 161 50	
3.	138	202	439	5	163 113 50	155	939	456	5	180 130 50	
4.	171	282	472	5	196 146 50	151	532	452	5	176 126 50	
5.	172	613	473	5	197 147 50	148	224	449	5	173 123 50	
6.	148	440	449	5	175 121 54	165 ~~168~~	150 ~~005~~	466 ~~469~~	5 ~~5~~	190 ~~145~~ 50 ~~149 41 54~~	
7.	147	440	448	5	161 133 28	135	570	436	5	151 120 31	BM 30-30C 2nd 34 & Pacific Coast Hwy, per FB 3705-195
	1128	383			332	1059	670			334	for return run see Pg. 116
	Σ of run from BM 30-30A to BM 30-30C					To tal		BS = 1128.383		BS Stadia = 332	
						"		FS = 1059.670		FS " = 334	
						Diff. in elev.		= + 68.713		Total " = 666	

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F.B. 3746 PG. 116 | JOB NO. 0301.02 | SURVEY OF LA Co Precise Level Net | SURVEY BY Page | NOTES Page | INDEXED G. J. GALLI | DATE

WEATHER Clear | TIME 11:20 AM | NOTES CHKD | INST. NO. 75234 | ROD NO. 95-96 | DATE 10-26-85

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM30-30C TO BM30-30A
BM30-30C									2nd BM30-30C 2nd St. & Pacific Coast Hwy, per FB 3705-195
1.	134	492	435	5	146	460	447	5	
				149/119 30				161/131 30	
2.	172	780	473	5	173	325	474	5	
				198/146 52				198/148 50	
3.	165	960	466	5	186	340	487	5	
				190/140 50				211/161 50	
4.	169	142	470	5	175	800	476	5	
				194/144 50				200/150 50	
5.	155	265	456	5	137	667	438	5	
				180/130 50				162/112 50	
6.	183	710	484	5	136	200	437	5	
				208/158 50				161/111 50	
7.	117	410	418	5	211	848	512	5	BM30-30A Pacific Coast Hwy & Los Cerritos Channel, per FB 3705-169
				143/91 52				237/186 51	
	1098	759		334	1167	640		331	
									for forward run See pg. 115
Σ of run from BM30-30C to BM30-30A				Total	BS = 1098.759				B.S. stadia: 334
				"	FS = 1167.640				FS " : 331
				D.H. in elev =	68.881				Total " = 665

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

E: ANY ADDITIONS OR CHANGES
HIS SHEET MUST BE MADE OR
CLED 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 W.J. Voge WEATHER clear INST. NO. 75234

NOTES BY Voge DATE 7-28-65 TIME 1:15 PM ROD NO. 95-96

INDEXED C. J. GALL DATE NOTES CHKD DATE AUG 26 '65

F.B. 3746 Pg. 117

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM30-30C TO BM30-31A
BM30-30C							BM30-30C 2nd St & Pacific Coast Hwy per FB 3705-195
1.	131 992	432 5	147 115 32	143 613	444 5	157 129 28	
2.	184 509	485 5	201 167 34	168 459	469 5	188 38 149	
3.	185 218	486 5	209 161 48	101 190	402 5	124 78 46	
4	140 982	441 5	161 119 42	183 485	484 5	204 162 42	BM30-31A 2nd & Marina Dr., per FB 3705-171
	642 701		156	596 747		154	
							for return run See pg. 118
Σ of run from BM30-30C to BM30-31A			Total BS = 642.701				BS Stadia = 156
			" FS = 596.747				FS " = 154
			Diff in elev. = +45.954				Total " = 310

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-31A TO BM30-30C
BM30-31A									BM30-31A 2nd St & Marina Dr., per FB3705-171
1.	177	643	478 5	198 / 156 42	135	153	436 5	156 / 114 42	
2.	101	143	402 5	124 / 78 46	185	058	486 5	209 / 161 48	
3.	170	199	471 5	188 / 152 36	186	199	487 5	204 / 168 36	
4.	146	973	447 5	161 / 131 30	135	445	436 5	150 / 120 30	BM30-30C 2nd St. & Pacific Coast Hwy, per FB3705-195
	595	958		154	641	855		156	
									for foward run see pg. 117

Σ of run from BM30-31A to BM30-30C

Total BS = ~~154~~ 595.958
" FS = 641.855
Diff. in elev = −45.897

BS Stadia = 154
FS " = 156
Total " = 310

F.B. 3746 Pg. 118

SURVEY OF LA to Precise Level Net

SURVEY BY Vogel NOTES Vogel

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 2:45 PM ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 26 '63

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-31A TO BM 30-~~[illegible]~~
BM30-31A									BM 30-31A Marina Dr. & 2nd St, per FB3705-~~199~~ 171
1.	148	565	449 5	173 50 / 123	164	099	465 5	189 50 / 139	
2.	155	379	456 5	180 50 / 130	146	058	447 5	171 50 / 121	
3.	160	553	461 5	185 50 / 135	148	298	449 5	173 50 / 123	
4	168	299	469 5	193 50 / 143	165	868	466 5	190 50 / 140	
5.	148	093	449 5	173 50 / 123	165	321	466 5	190 50 / 140	for return run See pg. 120
6.	149	342	450 5	172 46 / 126	157	493 ~~44~~	458 5	180 46 / 134	BM 30-31B Marina Dr. & 2nd St., S. 0.5 ± miles, per F.B. 3705-199
	930	231		296	947	137		296	

Σ of run from BM30-31A to BM30-~~32A~~ 31B ?

Total BS = 930.231
" FS = 947.137
Diff. in elev = − 16.906

B.S. stadia = 296
F.S. " = 296
Total " = 592

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-28-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 1:40 PM

NOTES CHKD [illegible] DATE

INST. NO. 75234

ROD NO. 95-96

AUG 26 '65

F.B. 3746 PG. 119

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 75239 ROD NO. 95-96 DATE AUG 26 '96

WEATHER Clear TIME 2:10 PM NOTES CHKD

JOB NO. 030102 Precise Level Net NOTES Voge DATE

SURVEY OF LA Co SURVEY BY Voge INDEXED C. J. GALLI

F.B. 3746 Pg. 120

STATION	BACKSIGHT Right	Mic.	Left	Mic.	Stadia	Mic.	FORESIGHT Right	Mic.	Left	Mic.	Stadia	Mic.	DESCRIPTION AND REMARKS
													FROM BM 30-31B TO BM 30-31A
BM. 30-31B													BM 30-31B Marina Dr. & 2nd, S. 0.5± miles, per F.B. 3705-199
1.	157	183	458	5	180 / 134	46	149	048	450	5	172 / 126	46	
2.	167	678	468	5	192 / 142	50	150	471	451	5	175 / 125	50	
3.	159	408	460	5	184 / 134	50	161	824	462	5	186 / 136	50	
4.	152	031	453	5	177 / 127	50	164	352	465	5	189 / 139	50	
5.	151	294	452	5	176 / 126	50	160	678	461	5	185 / 135	50	
6.	163	033	464	5	188 / 138	50	147	461	448	5	172 / 122	50	BM 30-31A 2nd St. & Marina Dr, per FB 3705-171 for forward run See pg. 119
	950	627		✓	296	✓	933	834		✓	296	✓	

Σ of run from BM 30-31B to BM 30-31A

Total BS = 950.627 ✓
" FS = 933.834 ✓
Diff in elev = + 16.793 ✓

BS stadia = 296 ✓
FS " = 296 ✓
Total " = 592 ✓

76P526 CE # 308 3-61

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 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 30-31 B TO BM 30-32 A
BM 30-31 B									BM 30-31 B 2nd St & Marina Dr, 0.45 mi ± S, per FB 3705-199
1.	157	450	458 5	170 / 144 26	127	751	428 5	140 / 114 26	
2	146	940	447 5	165 / 127 38	89	220	390 5	108 / 70 38	BM 30-32 A Marina Dr in front of Long Beach Marina, per FB 3705-175
	304	390		64	216	971		64	
									for return run See pg. 122
	Σ of run from BM 30-31 B to BM 30-32 A								
					Total	B.S. =	304.390		B.S. stadia = 64
					"	F.S. =	216.971		F.S. " = 64
					Diff. in elev =		+ 87.419		Total " = 128

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-29-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 11:20 AM
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG. 121

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM30-32A TO BM30-31B
BM30-32A							BM 30-32A
1.	87 291	388 5	105 68 37	146 802	447 5	165 127 38	Marina Dr. in front of Long Beach Marina Bldg., per FB 3705-175
2.	129 424	430 5	142 116 26	157 315	458 5	170 144 26	BM 30-31B
	216 715		63	304 117		64	Marina Dr & 2nd St., 0.45± mi. S., per FB 3705-199
							for toward run see pg. 121
	℄ of run from BM 30-32A to BM 30-31B						
			Total BS =	216.715			B.S. Stadia = 63
			" FS =	304.117			F.S. " = 64
			Diff. in elev =	-87.402			Total " = 127

F.B. 3746 PG. 122

JOB NO. 0301.02

SURVEY OF LA Co. Precise Level Net

SURVEY BY Vege NOTES Vege

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 12:00 PM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '65

76P526 CE # 308 3-61

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

N[illegible]: 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 BM30-32A TO BM30-32B
BM30-32A									BM30-32A Marina Dr. in front of Long Beach Marina, per F.B. 3705-175
1.	125	468	426 5	133 / 116 17	154	513	455 5	162 / 146 16	
2.	148	242	449 5	172 / 124 48	162	377	463 5	187 / 138 49	
3.	151	945	452 5	176 / 126 50	161	702	462 5	185 / 137 48	
4	146	405	447 5	171 / 120 51	146	312	447 5	172 / 120 52	
5.	163	030	464 5	186 / 138 50	149	907	450 5	176 / 124 50	
6.	153	729	454 5	170 / 136 34	288	710	589 5	288 / 272 32 / 16x2	BM30-32B Marina Dr., 0.25 mi. ± S., of Long Beach Marina, per FB 3705-177
	888	819		250	1063	521		247	

for return run See pg. 124

Σ of run from BM 30-32A to BM 30-32B

Total BS = 888.819
" FS = 1063.521
Diff. in elev. = -174.702

B.S. Stadia = 250
F.S. " = 247
Total " = 497

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Yoge
NOTES BY Yoge DATE 7-29-65
INDEXED R. J. GALLI DATE
WEATHER Clear
TIME 11:30 AM
NOTES CHKD [illegible]
INST. NO. 75236
ROD NO. 95-96
DATE AUG 26 '65
F.B. 3746 PG 123

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-32B TO BM 30-32A
BM 30-32B									BM 30-32B 300' ± N. of Captain's Inn, per FB 3705-177
1.	290	628	591 5	290 / 274 / 16×2 32	155	958	456 5	172 / 138 34	
2.	151	682	452 5	176 / 126 50	164	728	465 5	189 / 139 50	
3	149	167	450 5	174 / 124 50	149	204	450 5	174 / 124 50	
4.	158	138	459 5	182 / 134 48	148	568	449 5	173 / 123 50	
5.	164	900	465 5	189 / 138 51	150	497	451 5	173 / 127 46	
6.	154	492	455 5	162 / 146 16	125	390	426 5	133 / 116 17	BM 30-32A Marina Dr. in front of Long Beach Marina Bldg. per FB 3705-175
	1069.007			247	894	345		247	for foward run see Pg. 123

Σ of run from BM 30-32B to BM 30-32A

Total BS = 1069.007
" FS = 894.345
Diff. in elev. = +174.662

BS. Stadia = 247
FS " = 247
Total " = 494

F.B. 3745 PG. 124

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vogt NOTES Vogt

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:35 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '65

76P526 CE # 308 3-61

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

N[illegible]: 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 7-30-65
INDEXED C. J. GALL DATE
WEATHER Clear
TIME 10:20 AM
NOTES CHKD [illegible]
INST. NO. 75234
ROD NO. 95-91
DATE AUG 26 '65
F.B. 3746 Pg 125

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 30-32B TO BM ~~SB-39~~ 30-39
BM30-32B									BM 30-~~30~~ 32B 300'± N. of Captain's Inn per FB 3705-177
1.	269	333	570 5	276 / 262 14	148	630	449 5	156 / 141 15	
2.	171	364	472 5	197 / 145 52	162	767	463 5	188 / 136 52	
3.	147	999	448 5	172 / 122 50	165	430	466 5	190 / 140 50	
4.	142	430	443 5	167 / 117 50	156	435	457 5	181 / 131 50	
5.	139	102	440 5	165 / 113 52	139	555	440 5	165 / 114 51	
6.	146	732	447 5	171 / 120 51	169	800	470 5	194 / 143 51	
7.	167	419	468 5	172 / 162 10	190	440	491 5	195 / 185 10	BM SB-39 = L.A.C. BM #30-39 0.15± mi. S. of San Gabriel River Bridge per FB3705-197
	1184.	379		279	1133.	057		279	

for return run see Pg. 126

Σ of run from BM30-32B to BM S.B.-39 = BM 30-39

Total B.S. = 1184.379
" F.S. = 1133.057
Diff. in elev. = + 51.322

B.S. stadia = 279
F.S. " = 279
Total " = 558

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM ~~SB~~ 30-39 TO BM 30-32B
BM SB-39 = LACo. BM #30-39									BM SB-39
1.	186	756	487 5	191/181 10	164	697	465 5	169/160 9	0.15± mi. S. from San Gabriel River bridge, per FB 3705-197
2.	170	950	471 5	197/144 53	145	923	446 5	170/121 49	
3.	138	225	439 5	163/114 49	138	178	439 5	165/111 54	
4.	157	550	458 5	182/132 50	144	172	445 5	169/119 50	
5.	165	670	466 5	190/140 50	147	973	448 5	172/122 50	
6.	162	390	463 5	188/136 52	171	300	472 5	197/145 52	for toward run see pg. 125
7.	148	707	449 5	155/140 15	269	357	570 5	276/262 14	BM 30-32B 300'± N. of Captain's Inn per FB 3705-177
	1130.248			279	1181	600		278	

Σ of run from BM ~~SB~~ 30-39 - to - BM 30-32B

Total BS = 1130.248
" FS = 1181.600
Diff. in elev. = 51.352

BS. Stadia = 279
FS " = 278
Total " = 557

WEATHER clear INST. NO. 75234
TIME 11:10 PM ROD NO. 95-96
NOTES CHKD [signature] DATE AUG 26 '65

JOB NO. 0301.02
SURVEY OF LA Co Precise Level Net
SURVEY BY Vege NOTES Vege
INDEXED C. J. GALLI DATE

F.B. 3741 PG. 126

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

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 ~~#~~ 30-39 TO Tide Staff Support
BM SB-39 = LA Co. BM #30-39									BM SB-39
1.	138	347	439 5	148 127 21	168	500	469 6	179 157 22	0.15 ± mi. S. of San Gabriel River Bridge, per FB 3705-197
									Tide Staff Support. 0.15 ± mi. S. of San Gabriel River bridge, per FB 3705-197
									for return run see pg. 128
	Σ of run from BM ~~SB~~ 30-39 to ~~BM~~ Tide staff Support.								
			Total BS =	138.347					BS stadia = 21 1/2
			" FS =	168.500					FS " = 22
			Diff. in elev =	-30.153					Total " = 43

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Voge
NOTES BY Voge
INDEXED C.J. Gall
DATE 7-30-65
DATE
WEATHER Clear
TIME 10:45 AM
NOTES CHKD
INST. NO. 25238
ROD NO. 98-96
DATE AUG 26 '65
F.B. 3746 PG. 127

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM Tide Staff Supp. TO BM ~~SB~~ 30-39
Tide Staff.									Tide Staff Support.
1.	166	300	467 5	177 155 22	136	194	437 5	146 125 21	0.15± mi. S. of San Gabriel River bridge, per FB 3705-197
									Bm SB-39 = LACo. BM #30-39 0.15± mi. S. of San Gabriel River bridge, per FB 3705-197
									for toward run see pg. 127

℄ of run from Tide Staff Supp. to Bm SB-39 = LACo. Bm 30-39

Total BS = 166.300 ✓
" FS = 136.194 ✓
Diff. in elev. = +30.106 ✓

B.S. Stadia = 22 ✓
FS " = 21 ✓
Total " = 43 ✓

F.B. 3746 PG. 128

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 11:00 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 Tide Staff Sup. TO ~~LAG BM # 30-40 =~~ BM-1 (TG)
Tide Staff									Tide Staff Sup.
"	166	165	467 5	177 155 22	136	054	437 5	147 126 21	0.15 ± mi. S. of San Gabriel River bridge, per FB 3705-197
BM TG-BM1	186	611	487 5	189 184 5	186 ~~186~~	804 ~~611~~	487 ~~487~~ 5	190 ~~189~~ 7 ~~184~~ 5 183	TG-BM1 = LA Co. BM# 30-40
	352	776		27	322	858		28	0.15 ± mi. S. of San Gabriel River bridge, per FB 3705-197

for return run see pg. 130

Σ of run from BM Tide Staff support to TG-BM 1 = LA Co BM # 30-40

Total BS = 352.776

" FS = 322.858

Diff. in elev. = + 29.918

B.S. stadia = 27

F.S. " = 28

Total " = 55

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-30-65

INDEXED C. J. GALLI DATE

WEATHER clear

TIME 10:50 AM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 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.

INST. NO. 75238 ROD NO. 95-96 DATE AUG 26 '85

WEATHER Clear TIME 10:55 AM NOTES CHKD

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									LAG. BM #30-40 = FROM BM TG-BM1 TO Tide Staff Sup.
BM TG-BM1 = LAG. BM #30-40									BM TG-BM1 = LAG. BM #30-40
1.	181	486	482	5 184 178 6	181	294	482	5 183 178 5	0.15 mi ± S. from San Gabriel River bridge, per FB 3705-197
Tide Staff Sup.	138	365	439	5 148 127 21	168	500	469	5 179 157 22	Tide Staff Support 0.15 ± mi. S. from San Gabriel River bridge, per FB 3705-197
	319.851			27	349.794			27	
									for foward run see pg. 129

℄ of run from BM TG-BM1 = LAG. BM #30-40 to Tide Staff Support.

Total BS = 319.851

" FS = 349.794

Diff. in elev. = -29.943

B.S. Stadia = 27

F.S. " = 27

Total " = 54

F.B. 3746 PG. 130

SURVEY OF LA Co. Precise Level Net

SURVEY BY Vega NOTES Vega

INDEXED C. J. GALLI DATE

JOB NO. 030.02

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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	LAC. BM# 30-40: FROM BM TG-BM1 TO BM 30-32
BM-TG-BM1	= LAC. BM# 30-40								BM TG-BM-1 = 0.15 ± mi. S of San Gabriel Rv. bridge per FB 3705-
1.	189	100	490 5	196/182 14	166	970	467 5	174/159 15	
2.	173	980	474 5	199/146 53	147	922	448 5	172/122 50	
3.	139	712	440 5	164/114 50	140	778	441 5	166/114 52	
4.	247	892	548 5	274/220 54	199	795	500 5	224/174 50	
5.	149	104	450 5	173/125 48	157	787	458 5	181/134 47	
6.	159	323	460 5	185/133 52	154	925	455 5	182/126 56	
7.	163	097	464 5	188/138 50	154	330	455 5	178/130 48	
8.	156	070	457 5	182/130 52	156	018	457 5	182/130 52	
9.	165	192	466 5	190/140 50	145	264	446 5	172/119 55	
10.	165	312	466 5	190/140 50	153	566	454 5	178/128 50	
11.	164	041	465 5	190/138 52	156	437	457 5	181/131 50	
12.	161	411	462 5	176/146 30	100	454	401 5	115/85 30	

Cont'd Pg. 132

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

SURVEY BY E. J. Vuge

NOTES BY Vogs E. J. GALLI

INDEXED

DATE 7-30-65

DATE

WEATHER clear

TIME 1:20 PM

NOTES CHKD [illegible]

INST. NO 75234

ROD NO 95-96

DATE AUG 26 '65

F.B. 3746 PG. 131

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	LA Co. BM #30-40 FROM BM TG-BM1 TO BM 30-32 C
13.	255	691	556 5	262 248 14	114	315	415 5	121 107 14	Cont'd from pg. 131
14.	168	440	469 5	175 162 13	137	198	438 5	145 130 15	BM 30-32 C
	2458.365			582	2085.759			584	Pacific Coast Hwy & San Gabriel River, per FB 3703-
									for return run See pg. 133

Σ of run from BM ~~30~~ TG-BM1 = LA Co. BM #30-40 To BM 30-32 C

Total BS = 2458.365
" FS = 2085.759
Diff. in elev = +372.606

B.S. Stadia = 582
F.S. " = 584
Total " = 1166

F.B. 3746 PG. 132 JOB NO. 0301.02
SURVEY OF LA Co Precise Level Net
SURVEY BY Vogc NOTES Vogc
INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234
TIME 1:20 PM Cont'd ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W J Voge

NOTES BY Voge DATE 7-30-65

INDEXED [illegible] DATE

WEATHER clear

TIME 2:25 PM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 25234

ROD NO. 95-96

F.B. 3746 PG. 133

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM30-32C TO BMTG-BM1
BM 30-32 C									BM 30-32 C Pacific Coast Hwy & San Gabriel River, per FB 3705-
1.	135	280	436 5	142/128 14	166	516	467 5	173/160 13	
2.	116	111	417 5	123/109 14	257	450	558 5	264/250 14	
3.	101	030	402 5	116/86 30	160	347	461 5	175/145 30	
4.	152	805	453 5	177/127 50	162	300	463 5	187/137 50	
5.	154	143	455 5	179/129 50	164	231	465 5	189/139 50	
6.	143	597	444 5	169/117 52	164	990	465 5	191/137 54	
7.	156	872	457 5	182/130 52	161	530	462 5	187/135 52	
8.	158	042	459 5	182/134 48	161	425	462 5	185/137 48	
9.	154	444	455 5	180/128 52	161	778	462 5	188/134 54	
10.	157	858	458 5	181/133 48	147	610	448 5	171/123 48	
11.	207	307	508 5	234/180 54	254	867	555 5	279/229 50	
12.	137	019	438 5	162/111 51	136	483	437 5	161/111 50	

Cont'd pg. 134

F.B. 374c PG. 134

JOB NO. 0301.0r

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 76231

TIME 2:25PM (Cont'd) ROD NO. 95-96

NOTES CHKD. WJm DATE AUG 26 '85

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 Los Angeles County Engineering Bldg.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-32E TO BM TG-BM-1 LA Co. BM #30-40
							cont'd from pg. 133
13.	150 058	451 5	175 125 50	174 658	475 5	199 149 50	
14.	168 800	469 5	175 161 14	191 480	492 5	198 184 14	BM TG-BM 1 = LACo.BM 30-40 0.15± mi. S. of San Gabriel River bridge, per FB 3705–
	2093.366		579	2465.665		577	
							for forward run see pg. 131

Σ of run from BM 30-32E to BM TG BM 1 = LACo BM #30-40

Total BS = 2093.366

" FS = 2465.665

Diff in elev. = -372.299

BS Stadia = 579

FS. " = 577

Total " = 1156

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 30-32C TO BM 30-34A
BM 30-32C									BM 30-32C Pacific Coast Hwy & San Gabriel River, per FB 3705 — 173
1.	128	250	429 5	146 / 109 37	131	275	432 5	149 / 113 36	
2.	56	320	357 5	66 / 46 20	234	728	535 5	244 / 224 20	
3.	162	192	463 5	187 / 137 50	157	625	458 5	182 / 132 50	
4.	167	180	468 5	192 / 142 50	235	412	536 5	260 / 210 50	
BM 30-34A	27	482	328 5	36 / 17 19	215	953 ~~958~~	516 5	224 / 206 18	BM 30-34A Pacific Coast Hwy & San Gabriel River, 960 ~~[illegible]~~ ft. ± N. per FB 3705 — 179 for return run see pg. 136
	541	424		176	974	993		174	

Σ of run from BM 30-32C to BM 30-34A

Total B.S. = 541.424 B.S. Stadia = 176

" F.S. = 974.993 F.S. " = 174

Diff. in elev. = -433.569 Total " = 350

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

SURVEY BY W. J. Voge DATE 7-29-65 WEATHER Overcast INST. NO. 25234

NOTES BY Voge DATE TIME 9:50 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 135

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-34A TO BM30-32C
BM30-34A									BM30-34A Pacific Coast Hwy & San Gabriel River N. 960' ±, per FB 3705-179
1.	295	361	596 5	295 285 20 10x2	107	736	408 5	117 98 19	
2.	227	500	528 5	252 202 50	158	830	459 5	183 133 50	
3.	150	778	451 5	175 125 50	155	458	456 5	180 130 50	
4.	232	900	533 5	242 222 20	54	285	355 5	64 44 20	
5.	128	160	429 5	146 110 36	124	767	425 5	143 106 37	BM30-32C Pacific Coast Hwy & San Gabriel River, per FB 3705-173
	1034.699			176	601.076			176	for foward run see pg. 135

Σ of run from BM 30-34A to BM 30-32C

Total B.S. = 1034.699
" F.S. = 601.076
Diff. in elev. = +433.623

B.S. Stadia = 176
F.S. " = 176
Total " = 352

F.B. 3746 Pg. 136

SURVEY OF L.A.C. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 2:00 PM ROD NO. 95E96

NOTES CHKD [signature] DATE AUG 26 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 30-34A TO BM 30-35A
BM 30-34A									BM 30-34A Pacific Coast Hwy & San Gabriel River, 960' ± N, per FB 3705-179
1.	282	077	583 5	282 257 50 / 2542	33 ~~33~~	620	334 5	58 8 50	
2.	182	048	483 5	207 157 50	151	075	452 5	176 126 50	
3.	157	253	458 5	175 139 36 ~~46~~	40	115	341 5	58 22 36	
BM 30-35A	162	198	463 5	165 158 7	149	330	450 5	153 146 7	BM 30-35A Pacific Coast Hwy & San Gabriel River, N. 0.4 ± mi, per FB 3705-181
	783	576		143	374	140		143	

for return run see pg. 138

Σ of run from BM 30-34A to BM 30-35A

Total B.S. = 783.576
" F.S. = 374.140
Diff. in elev. + 409.436

B.S. Stadia = 143
F.S. " = 143
Total " = 286

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

SURVEY BY W. J. Voge

NOTES BY Voge DATE 7-29-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:20 AM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 25234

ROD NO. 95-96

F.B. 3746 PG. 137

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-35A TO BM 30-34A
BM30-35A									BM 30-35A Pacific Coast Hwy & San Gabriel River, N. 0.40 ± Mi., per FB 3705-181
1.	153	747	454 5	157 / 150 7	165	823	466 5	169 / 162 7	
2.	35	020	336 5	54 / 17 37	159	353	460 5	177 / 141 36	
3.	148	549	449 5	173 / 123 50	173	005	474 5	198 / 148 50	
4.	19	053	320 5	44 / 19 50 / 25 x 2	267	542	568 5	292 / 242 50	BM 30-34A Pacific Coast Hwy & San Gabriel River N. 960' ±, per FB 3705-179
	356	369		144	765	723		143	for foward + on See pg. 137

Σ of run from BM30-35A to BM30-34A

Total B.S. = 356.369

" F.S. = 765.723

Diff. in elev = 409.354

B.S. Stadia = 144

F.S. " = 143

Total " = 287

F.B. 3746 Pg. 138

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 7523.4

TIME 1:40 PM ROD NO. 95 & 96

NOTES CHKD [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM30-35A TO BM30-35B
BM30-35A									BM 30-35A Pacific Coast Hwy. & San Gabriel River, N.O. 40 ± mi, per FB3705-181
1.	151	682	452 5	155 / 148 7	154	218	455 5	158 / 150 8	
2.	64	925	365 5	89 / 39 50	148	380	449 5	173 / 123 50	
3.	157	550	458 5	182 / 132 50	150	931	451 5	175 / 125 50	
4.	160	455	461 5	185 / 135 50	148	563	449 5	173 / 123 50	
5.	150	925	451 5	175 / 125 50	155	291	456 5	180 / 130 50	
6.	151	609	452 5	166 / 136 30	83	838	384 5	98 / 68 30	
BM30-35B	251	591	552 5	263 / 240 23	153	905	454 5	164 / 142 22	BM 30-35B 2nd St & San Gabriel River, per FB 3705-183
	1088.737			260	995.126			260	for return run see pg. 140

Σ of run from BM 30-35A to BM 30-35B

Total B.S. = 1088.737
" F.S. = 995.126
Diff. in elev. = +93.611

B.S. Stadia = 260
F.S. " = 260
Total " = 520

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

SURVEY BY W. J. Voge DATE 7-29-65 WEATHER Overcast INST. NO. 25234

NOTES BY Voge TIME 1:10 PM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD. [signature] DATE AUG 26 '65

F.B. 3746 PG. 139

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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 BM30-35B TO BM30-35A
BM30-35B									2nd St. & San Gabriel River, per FB3705-183
"	150	968	451 5	161 139 22	242	255 ~~530~~	543 5	253 231 22	
	~~153~~	~~410~~	~~454 5~~	~~164 142 22~~	~~244~~	~~7~~	~~545 5~~	~~256 233 23~~	
2.	74	132	375 5	89 59 30	156	118	457 5	171 141 30	
3.	156	902	457 5	181 131 50	155	325	456 5	180 130 50	
4.	153	000	454 5	178 128 50	159	470	460 5	184 134 50	
5.	150	078	451 5	175 125 50	159	790	460 5	184 134 50	
6.	150	280 ~~30~~	451 5	175 125 50	60	333	361 5	85 35 50	
7.	156	743	457 5	160 152 8	152	390 ~~340~~	453 5	156 ~~149~~ 7	BM30-35A Pacific Coast Hwy & San Gabriel River, N. 0.40± mi, per FB3705-181
	992	103		260	1085	681		259	for toward run see pg. 139

Σ of run from BM30-35B to BM30-35A

Total B.S. = 992.103
" F.S. = 1085.681
Diff. in elev. = − 93.578

B.S. stadia = 260
F.S. " = 259
Total " = 519

F.B. 3744 PG. 140

SURVEY OF LA Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:10 AM ROD NO. 95496

NOTES CHKD. [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-35B TO BM30-35C
BM30-35B									BM 30-35B 2nd St & San Gabriel River, per FB 3705-183
1.	52	327	353 5	58 / 47 11	205	118	506 5	211 / 200 11	
2.	148	401	449 5	173 / 123 50	153	794	454 5	178 / 128 50	
3.	155	802	456 5	180 / 130 50	146	314	447 5	171 / 121 50	
4.	151	593	452 5	160 / 142 18	161	721	462 5	169 / 152 17	BM 30-35C 2nd St. & San Gabriel River, N 0.20± Mi., per FB 3705-185
	508	123		129	666	947		128	

for return run see pg. 142

Σ of run from BM30-35B to BM30-35C

Total B.S. = 508.123
" F.S. = 666.947
Diff. in elev. = −158.824

B.S. Stadia = 129
F.S. " = 128
Total " = 257

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

SURVEY BY WJ Voge

NOTES BY Voge E. J. GALLI

INDEXED

DATE 7-29-65

DATE

WEATHER Overcast

TIME 1:40 PM

NOTES CHKD [illegible]

INST. NO. 25234

ROD NO. 95-96

DATE AUG 26 '65

F.B. 3746 PG. 141

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM30-35C TO BM30-35B
BM30-35C							BM 30-35C 2nd St. & San Gabriel River, N 0.20± mi., per FB3705-185
1.	153 900	454 5	162 144 18	154 610	455 5	163 145 18	
2.	155 910	456 5	180 130 50	160 325	461 5	185 135 50	
3.	154 127	455 5	179 129 50	143 465	444 5	168 118 50	
4.	207 110	508 5	212 201 11	53 926	354 5	58 47 11	BM30-35B 2nd St. & San Gabriel River, per FB3705-183
	671.047		129	512.326		129	
							too toward run see Pg. 141

Σ of run from BM 30-35C to BM30-35B

Total BS = 671.047
" F.S. = 512.326
Diff. in elev. = +158.721

B.S. Stadia = 129
F.S. " = 129
Total " = 258

F.B. 3746 PG. 142

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 10:50 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '63

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 BM30-35C TO BM 30-36A
BM.30-35C									BM 30-35C 2nd St. & San Gabriel River, N. 0.20 ± mi., per FB 3705-185.
1.	169	874	470 5	194 / 144 50	153	378	454 5	178 / 128 50	
2.	157	673	458 5	182 / 132 50	145	033	446 5	170 / 120 50	
3.	156	047 ~~[illegible]~~	457 5	181 / 131 50	148	309	449 5	173 / 123 50	
4	154	466	455 5	179 / 129 50	149	611	450 5	174 / 124 50	
Σ	163	091	464 5	188 / 138 50	148	814	449 5	173 / 123 50	
BM30-36A	151	377	452 5	156 / 146 10	161	121	462 5	166 / 156 10	BM30-36A 7th St. & San Gabriel River, S. 0.55 ± mi., per FB 3705-187
	952	528		260	906.	266		260	

for return run see pg. 144

Σ of run from BM 30-35C to BM 30-36A

Total BS = 952.528
" FS = 906.266
Diff in elev = + 46.262

B.S. Stadia = 260
F.S. " = 260
Total " = 520

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

SURVEY BY W.J. Voge DATE 7-29-65 WEATHER Overcast INST. NO. 25234

NOTES BY Voge DATE TIME 2:00 PM ROD NO. 95-96

INDEXED L. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 143

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM30-36A TO BM30-35C
BM30-36A									BM30-36A 7th St. & San Gabriel River, S. 0.55± mi, per FB3705-187
1.	156	252	457 5	161 / 150 11	160	398	461 5	166 / 155 11	
2.	157	306	458 5	182 / 132 50	163	771	464 5	188 / 138 50	
3.	148	323	449 5	173 / 123 50	159	262	460 5	184 / 134 50	
4.	152	210	453 5	177 / 127 50	155	379	456 5	180 / 130 50	
5.	146	500	447 5	171 / 121 50	161	475	462 5	186 / 136 50	
6.	156	538	457 5	181 / 131 50	163	088	464 5	188 / 138 50	BM30-35C San Gabriel River & 2nd St. N. 0.20± mi, per FB3705-185
	917	129		261	963	373		261	for foward run See pg. 143

Σ of run from BM30-36A to BM30-35C

Total BS. = 917.129
" FS. = 963.373
Diff. in elev. = − 46.244

BS. Stadia = 261
F.S. " = 261
Total " = 522

F.B. 3746 PG. 144

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vogel NOTES Vogel

INDEXED [illegible] DATE

WEATHER clear INST. NO. 75234

TIME 10:35 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '68

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES TO THIS SHEET MUST BE MADE OR 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 W.J. Voge
NOTES BY E. J. GALLI DATE 7-29-65 TIME 2:20 PM WEATHER Overcast INST. NO. 76224
INDEXED DATE NOTES CHKD DATE ROD NO. 95-9 AUG 26 65
F.B. 3746 PG. 145

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM 30-36A TO BM 30-37
BM 30-36A							BM 30-36A 7th St. & San Gabriel River S. 0.55 ± mi, per FB 3705-189
1.	170 834	471 5	195/145 50	151 716	452 5	176/126 50	
2.	156 920	457 5	181/131 50	152 084	453 5	177/127 50	
3.	162 553	463 5	187/137 50	150 213	451 5	175/125 50	
4.	163 759	464 5	188/138 50	155 742	456 5	180/130 50	
5.	160 708	461 5	185/135 50	154 405	455 5	179/129 50	
6.	157 756	458 5	182/132 50	152 359	453 5	177/127 50	
7.	154 776	455 5	179/129 50	155 252	456 5	180/130 50	
8.	161 445	462 5	186/136 50	154 923	455 5	179/128 51	
9.	129 267	430 5	138/120 18	277 356	578 5	284/270 14	for return run see pg. 146
10.	25 372	326 5	29/21 8	263 239	564 5	267/259 8	BM 30-37 7th St. & San Gabriel River, per FB 3705-189
	1443 390		426	1767 289		423	

End run from BM 30-36A to BM 30-37

Total BS = 1443.390 BS Stadia = 426
" FS = 1767.289 FS " = 423
Diff. in elev = -323.899 Total " = 849

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-37 TO BM 30-36A
BM 30-37									BM 30-37, 7th St. & San Gabriel River, Per FB 3705-189
1.	281	467	582 5	286 276 10	43	844	344 5	46 38 10	
2.	261	700	562 5	268 254 14	108	967	409 5	115 100 15	
3.	144	290	445 5	171 117 54	164	952	465 5	190 138 52	
4.	155	885	456 5	180 130 50	155	342	456 5	180 130 50	
5.	149	916	450 5	174 124 50	156	959	457 5	181 131 50	
6.	157	753	458 5	182 132 50	164	088	465 5	189 139 50	
7.	157	597	458 5	182 132 50	154	360	455 5	179 129 50	
8.	139	643	440 5	164 114 50	160	506	461 5	185 135 50	
9.	151	321	452 5	176 126 50	160	100	461 5	185 135 50	for forward run see pg. 145
10.	157	366	458 5	182 132 50	163	978	464 5	188 138 50	BM 30-36A 7th St. & San Gabriel River, S. 0.55 ± mi., per FB3705-187
	1756	938		428	1433	096		427	

Σ of run from BM 30-37 to BM 30-36A

Total BS = 1756.938
" FS = 1433.096
Diff. in elev = +323.842

B.S. Stadia = 428
F.S. " = 427
Total " = 855

F.B. 3746 PG. 146

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear

TIME 9:50 AM

NOTES CHKD [illegible]

INST. NO. 75231

ROD NO. 95-96

DATE AUG 26 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 30-37 TO BM 30-13A
BM30-37									BM 30-37
1.	282	030	583 5	287 277 10	44	420	345 5	49 39 10	7th St. & San Gabriel River, per FB 3705-189
2.	259	190	560 5	266 252 14	42	198	343 5	51 33 18	BM 30-13A
[illegible]	541	220		24	86	618		28	7th St. & San Gabriel River, per FB 3705-119
									for return run see pg 148

Σ of run from BM 30-37 to BM 30-13A

Total B.S. = 541.220
" F.S. = 86.618
Diff. in elev. = +454.602

B.S. Stadia = 24
F.S. " = 28
Total " = 52

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

SURVEY BY G J Voge DATE 8-2-65

NOTES BY Voge

INDEXED G. J. GALLI DATE

WEATHER clear

TIME 9:25 AM

NOTES CHKD [illegible]

INST. NO 75234

ROD NO 95-96

DATE AUG 26 '65

F.B. 3746 PG. 147

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 30-13A TO BM 30-37
BM 30-13A									BM 30-13A 7th St. & San Gabriel River, per FB 3705-119
1.	63	210	364 5	71 54 17	280	208	581 5	288 272 16	
2.	44	802	345 5	49 39 10	282	408	583 5	287 277 10	BM 30-37 7th St. & San Gabriel River, per FB 3705-119
	108	012		27	562.	616		26	
									for toward run see pg. 147

Σ of run from BM 30-13A to BM 30-37

Total B.S. = 108.012
" F.S. = 562.616
Diff. in elev. = 454.606

B.S. Stadia = 27
F.S. " = 26
Total " = 53

F.B. 3746 PG. 148

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vogt NOTES Vogt

INDEXED J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 9:45 AM

NOTES CHKD [illegible]

INST. NO. 75239

ROD NO. 95-96

DATE AUG 26 '63

76P526 CE # 308 3-61

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L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: ANY ADDITIONS OR CHANGES [illegible] IIS 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 BM30-13A TO BM30-14A
BM 30-13A									BM 30-13A 7th St. & San Gabriel River, per FB 3705-119
1.	199	540	500	5 225 172 53	199	750	500	5 225 172 53	BM30-14A 7th St. & San Gabriel River, per FB 3705-121
									for return run see pg. 150
Σ of run from BM 30-13A to BM 30-14A									
				Total	BS =		199.540		BS. Stadia: 53
				"	FS =		199.750		F.S. " = 53
				Diff. in elev	=		-0.210		Total " = 106

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

SURVEY BY W J Voge

NOTES BY Voge

INDEXED G. J. GALLI

DATE 8-2-65

DATE

WEATHER clear

TIME 9:35 AM

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 26 '65

F.B. 3746 PG. 149

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.

INST. NO. 15234 ROD NO. 95-96 DATE AUG 26 '96

WEATHER Clear TIME 9:40 AM NOTES CHKD. [illegible]

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 30-14A TO BM30-13A
BM30-~~13A~~14A							BM 30-14A San Gabriel River & 7th St.
1.	199115	5005	225 172 53	198840	4995	225 172 53	per FB 3705-121 BM 30-13A San Gabriel River & 7th St. per FB3705-169
							for foward run see pg. 149
E of run from BM30-14A to BM30-13A			Total	BS = 199.115			BS. Stadia = 53
			"	FS = 198.840			FS " = 53
			Diff. in elev. =	+0.275			Total " = 106

F.B. 3746 PG. 150

SURVEY OF LA Co Precise Level Net JOB NO. 830102

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

Notes Ck'd by	Survey of L.A. Co. Precise Level Net
Map No.	JN 0301.02 Tape Std °F
Office Work	Surveyed by W J Voge
Checked	Notes Voge Date 8-10-65
Date	Indexed G. J. GALLI

F. B. 3746 PG. 161

LA CO. PRECISE LEVEL NET

JN 0301.02

LINE # 9

References Used:

FB 3705
FB 1209
FB 1375
FB 1207

Party:
W Voge
J Moore
M. Wacker
L. Love
N. Cherry

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

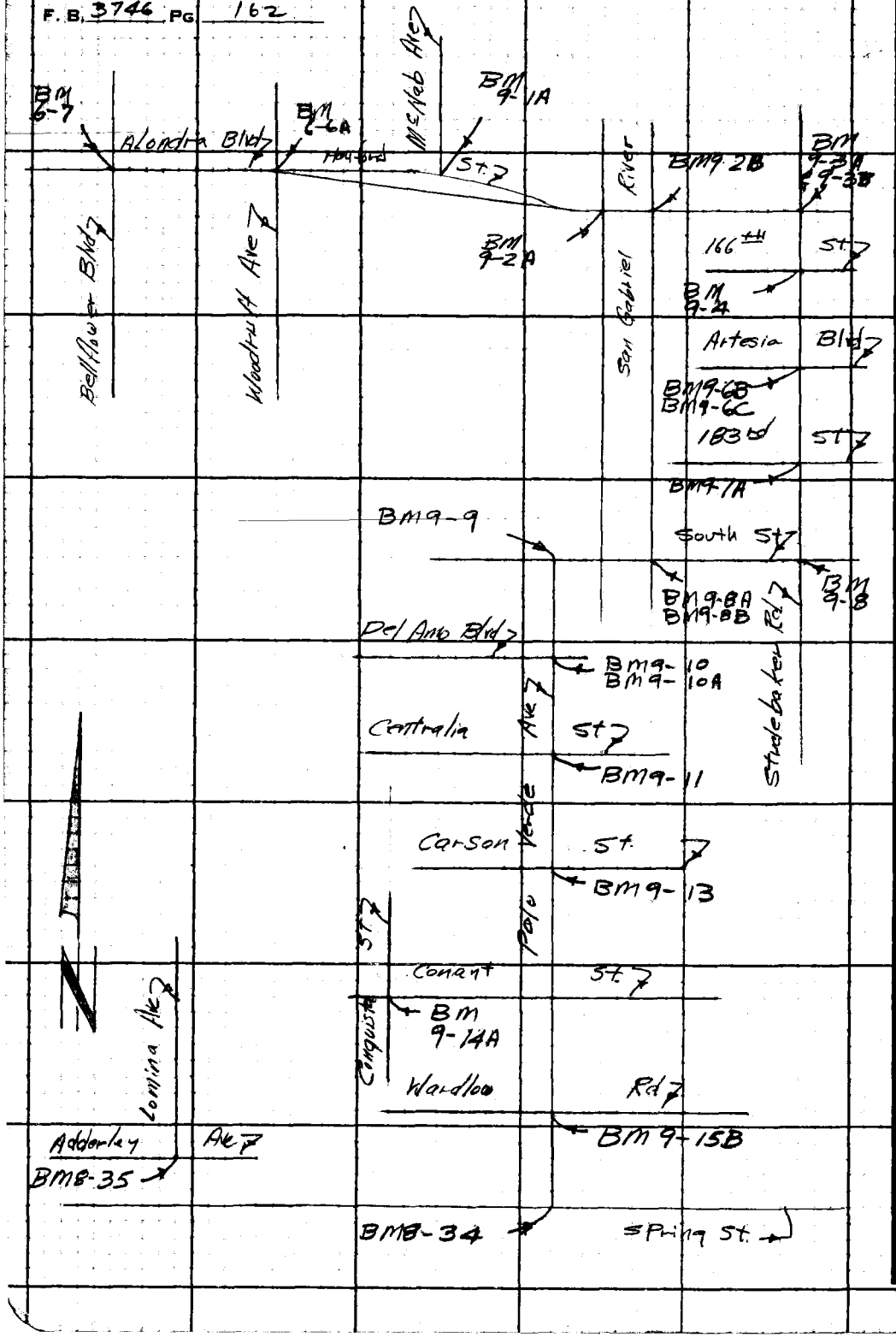
Do not extend this side of this line.

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

76F3095 CE #310 6-62

INDEX

F. B. 3746 PG 162



LOS ANGELES COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

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76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON 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 W. J. Voge
NOTES BY Voge DATE 8-10-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 9:30 AM
NOTES CHKD [illegible]
INST. NO. 75234
ROD NO. 95-96
DATE AUG 26 '65
F.B. 3746 PG. 163

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 6-7 TO BM 6-6A
BM 6-7									BM 6-7 Bellflower Blvd & Alondra Blvd, per F.B. 1207-12
1.	211	440	512 5	234 / 188 46	141	101	442 5	164 46 / 118 ~~59~~	
2.	167	906	468 5	192 / 142 50	152	600	453 5	177 / 127 50	
3.	164	703	465 5	189 / 139 50	151	097	452 5	179 52 / 125 ~~52~~	
4.	135	278	436 5	160 / 111 49	144	735	445 5	169 / 119 50	
5.	150	833	451 5	175 / 125 50	176	376	477 5	201 / 151 50	
6.	143	340	444 5	169 / 118 51	165	049	466 5	189 / 140 49	
7.	163	642	464 5	190 / 136 54	176	565	477 5	203 / 149 54	BM 6-6A Alondra Blvd. & Woodruff Ave. per FB 1207-11
	1137	142		350	1107	523		351	

for return run see pg. 164

Σ of run from BM 6-7 to BM 6-6A

Total B.S. = 1137.142
" F.S. = 1107.523
Diff. in elev. + 29.619

B.S. Stadia = 350
F.S. " = 351
Total " = 701

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 6-6A TO BM 6-7
BM 6-6A									BM 6-6A Alondra Blvd. & Woodruff Ave, per FB 1207-11
1.	176	683	477 5	203/149 54	163	758	464 5	190/136 54	
2.	165	358	466 5	190/140 50	144	525	445 5	169/119 50	
3.	178	352	479 5	203/153 50	151	680	452 5	176/126 50	
4.	146	067	447 5	171/121 50	137	977	438 5	162/113 49	
5.	146	090	447 5	172/120 52	160	910	461 5	185/135 50	
6.	156	856	457 5	181/132 49	165	575	466 5	191/139 52	
7.	138	230	439 5	161/115 46	212	858	513 5	235/189 46	BM 6-7 Alondra Blvd. & Bellflower Blvd., per F.B. 1207-12
	1107.636			351	1137.283			351	for foward run see pg. 163

Σ of run from BM 6-6A to BM 6-7

Total B.S. = 1107.636
" F.S. = 1137.283
Diff. in elev. = - 29.647

BS. Stadia = 351
F.S. " = 351
Total " = 702

F.B. 3746 PG. 164

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vage NOTES Vage

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 10:55 AM

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 95496

DATE AUG 26

76P526 CE # 308 3-61

PLEASE RETURN TO

L[illegible] ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

N[illegible]: 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 6-6A TO BM 9-1A
BM6-6A									BM 6-6A Alondra Blvd & Woodruff Ave. Per FB 1207-11
1.	160	708	461 5	181 139 42	178	633	479 5	198 157 41	
2.	173	381	474 5	198 148 50	149	365	450 5	174 124 50	
3.	181	051	482 5	206 156 50	179	925	480 5	204 153 51	
4	146	758	447 5	171 121 50	165	355	466 5	190 140 50	
5.	151	994	452 5	166 137 29	188	268	489 5	202 174 28	BM 9-1A Hayford St. & McNab Ave., per FB 1375-213
	813	892		221	861	546		220	

for return run see pg. 166

Ext run from BM ~~9-1~~ 6-6A to BM 9-1A

Total BS = 813.892 B.S. stadia = 221

" FS = 861.546 F.S. " = 220

Diff. in elev. = -47.654 Total " = 441

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

SURVEY BY Lel J. Voge

NOTES BY Voge DATE 8-16-65

INDEXED C. J. GALLI DATE

WEATHER Clear

TIME 10:10 AM

NOTES CHKD [illegible] DATE [illegible] 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG. 165

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9-1A TO BM 6-6A
BM 9-1A									BM 9-1A McNab Ave & Hayford St. per FB 1375-213
1.	187	400	488 5	201 173 28	151	158	452 5	165 137 28	
2.	165	155	466 5	190 140 50	146	729	447 5	171 121 50	
3.	180	169	481 5	205 154 51	165	915	466 5	190 140 50	
4.	132	502	433 5	157 107 50	169	650	470 5	194 144 50	
5.	175	132	476 5	196 154 42	159	252	460 5	180 138 42	BM 6-6A Alondra Blvd. & Woodruff Ave., per FB 1207-11
	840	358		221	792	704		220	for foward run see pg. 165

Σ of run from BM 9-1A to BM 6-6A

Total B.S. = 840.358 B.S. Stadia = 221

" F.S. = 792.704 F.S. " = 220

Diff in elev. = +47.654 Total " = 441

F.B. 3746 PG. 166

SURVEY OF L. A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 10:30 AM ROD NO. 95-96

NOTES CHKD [signature] DATE AUG 26 '65

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM 9-1A TO BM 9-2A
BM 9-1A									BM 9-1A McNab Ave. & Hayford St., per FB 1375-213
1.	181	077	482 5	206 ~~156~~ ~~256~~ 156 50	165	806	466 5	190 ~~140~~ ~~140~~ ~~140~~ 50	
2.	153	571	454 5	178 128 50	153	713	454 5	178 128 50	
3.	212	091	513 5	231 194 37	44 ~~59~~	932 ~~813~~	345 ~~368~~ 5	62 26 36	
4.	259	048	560 5	275 244 31	57	813	358 5	73 42 31	
5.	256	842	557 5	273 239 34	100	806	401 5	117 83 34	
6.	188	822	489	200 176 24	122	684	423 5	134 110 24	BM 9-2A San Gabriel River & Alondra Blvd., per F.B. 1375-215
	1251.451			226	645.754			225	for return run See pg. 168

Σ of run from BM 9-1A to BM 9-2A

Total B.S. = 1251.451
" F.S. = 645.754
Diff. in elev. = +605.697

B.S. Stadia = 226
F.S. " = 225
Total " = ~~449~~ 451

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Yoge
NOTES BY Yoge DATE 8-10-65
INDEXED C. J. GALLI DATE
WEATHER CLEAR
TIME 1:00
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG. 167

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-2A TO BM 9-1A
BM. 9-2A									B.M. 9-2A
1.	121	708	422 5	133 109 24	187	898	488 5	199 175 24	SAN GABRIEL RIVER AND ALONDRA BLVD. PER
2.	100	787	401 5	117 83 34	255	519	556 5	271 238 33	F.B. 1375-215
3.	58	357	359 5	74 43 31	260	458	561 5	276 245 31	
4.	47	237	348 5	66 29 37	215	490	516 5	234 199 37	
5.	144	723	445 5	169 119 50	143	902	444 5	168 118 50	
6.	163	844	464 5	188 138 50	179	071	480 5	204 154 50	B.M. 9-1A
	636.656			226	1242.338			225	McNAB AVE. AND HAYFORD ST. PER F.B. 1375-213

for foward run See Pg. 167

℄ OF RUN FROM B.M. 9-2A TO B.M. 9-1A

TOTAL B.S. = 636.656
" F.S. = 1242.338
DIFF. IN ELEV. = -605.682

B.S. STADIA = 226
F.S. STADIA = 225
TOTAL STADIA = 451

F.B. 3746 PG. 168 JOB NO. 0301.02

SURVEY OF L.A.C. Precise Level Net

SURVEY BY VOGE NOTES CHERRY

INDEXED C. J. CALLI DATE

WEATHER CLEAR INST. NO. 75234

TIME 2:00 P.M. ROD NO. 95 & 96

NOTES CHKD [illegible] DATE AUG 26 '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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-2A TO BM 9-2B
BM 9-2A									BM 9-2A
1.	159	189	460 5	178 / 140 38	196	633	497 5	214 / 178 36	SAN GABRIEL RIVER AND ALONDRA BLVD. PER F.B. 1375 - 215
2.	150	663	451 5	159 / 141 18	198	604	499 5	209 / 186 23	B.M. 9-2B
	309.	852		56	395.	237		59	SAN GABRIEL RIVER AND ALONDRA BLVD. PER F.B. 1375-215
									FOR RETURN RUN SEE PAGE 170

Σ OF RUN FROM B.M. 9-2A TO B.M. 9-2B

TOTAL B.S. = 309 852
" F.S. = 395 237
DIFF. ELEV. = -85 385

B.S. STADIA = 56
F.S. STADIA = 59
TOTAL " = 115

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGE DATE 8-10-65 WEATHER CLEAR INST. NO. 75234
NOTES BY VOGE TIME 1:40 P.M. ROD NO. 95 & 96
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 169

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

F.B. 3746 PG. 170 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY W.J. UOGA NOTES CHERRY

INDEXED F. J. GALL DATE

WEATHER CLEAR INST. NO. 75234

TIME 1:40 P.M. ROD NO. 9-C-896

NOTES CHKD. DATE AUG 26 '65

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 9-2B TO BM 9-2A
B.M. 9-2B							
~~B.M.~~ 1.	163 630	464 5	173 152 21	115 718	416 5	124 106 18	B.M. 9-2B SAN GABRIEL RIVER AND ALONDRA BLVD. PER. F.B. 1375-215
BM 9-2A	194 873	495 5	212 176 36	157 439	458 5	176 138 38	
~~3~~	358 503		57	273 157		51	
~~4~~							B.M. 9-2A SAN GABRIEL RIVER AND ALONDRA BLVD. PER F.B. 1375-215
							FOR FORWARD RUN SEE PAGE 169
	Σ OF RUN FROM B.M. 9-2B TO B.M. 9-2A			TOTAL B.S. = 358 503			~~SEE~~ B.S. STADIA = 57
				" F.S. = 273 157			F.S. " = 56
				DIFF. ELEV. = +85 346			TOTAL " = 113

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]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 9-2B TO BM 9-3A
BM 9-2B									BM 9-2B San Gabriel River & Alondra Blvd., per F.B. 1375-215
1.	52	780	353 5	67 / 37 30	243	300	544 5	258 / 228 30	
2.	36	485	337 5	51 / 21 30	242	775	543 5	257 / 227 30	
3.	58	543	359 5	77 / 39 36	183	965	484 5	202 / 164 38	
4	153	944	454 5	178 / 128 50	153	655	454 5	178 / 128 50	
5	164	218	465 5	194 / 134 60	148	500	449 5	178 / 118 60	
6	162	650	463 5	188 / 137 50	148	735	449 5	173 / 123 50	
7	161	840	462 5	186 / 136 50	167	368	468 5	192 / 142 50	
8.	148	166	449 5	173 / 123 50	136	342	437 5	161 / 111 50	for return run see pg. 172
BM 9-3A	132	481	433 5	136 / 127 9	159	645	460 5	164 / 154 10	BM 9-3A Alondra Blvd & Studebaker Rd., per FB 3705-217
	1071	107		365	1584	285		368	

Σ of run from BM 9-2B to BM 9-3A

Total BS = 1071.107
" FS = 1584.285
Diff. in elev. = -513.178

B.S. Stadia = 365
FS " = 368
Total " = 733

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

SURVEY BY G J Voge DATE 8-11-65

NOTES BY Voge DATE

INDEXED G. J. Gall DATE

WEATHER Clear

TIME 9:30 AM

NOTES CHKD [illegible] DATE AUG 26 '65

INST. NO. 75234

ROD NO. 95-96

F.B. 3746 PG. 171

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-3A TO BM 9-2B
BM 9-3A									B.M. 9-3A Studebaker Rd & ~~SAN GABRIEL RIVER AND~~ Alondra Blvd. ~~ALONDRA BLVD.~~ PER F.B. 3705-217
1.	158	278	459 5	163 / 153 10	131	097	432 5	135 / 126 09	
2.	137	462	438 5	162 / 112 50	149	568	450 5	174 / 124 50	
3.	166	990	467 5	191 / 141 50	159	908	460 5	184 / 134 50	FOR FORWARD RUN SEE Pg. 171
4.	145	705	446 5	170 / 120 50	161	239	462 5	186 / 136 50	
5.	147	890	448 5	177 / 117 60	163	122	464 5	193 / 133 60	
6.	152	082	453 5	177 / 127 50	152	202	453 5	177 / 127 50	
7.	183	867	484 5	202 / 164 38	76	562	377 5	95 / 57 38	
8.	258	224	559 5	273 / 243 30	35	917	336 5	50 / 20 30	
9.	244	369	545 5	259 / 228 31	52	075	353 5	68 / 37 31	B.M. 9-2B SAN GABRIEL RIVER AND ALONDRA BLVD. PER F.B. 1375-215
	1594.807			369	1081.690			368	

Σ of RUN FROM B.M. 9-3A TO B.M. 9-2B

TOTAL B.S. = 1594.807
" F.S. = 1081.690
DIFF. IN ELEV. = +513.117

B.S. STADIA = 369
F.S. " = 368
TOTAL " = 737

WEATHER CLEAR INST. NO. 78234
TIME 11:15 ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 26 '63

JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Voge NOTES CHERRY
INDEXED C. J. GALLI DATE

F.B. 3746 PG. 172

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-3A TO BM 9-3B
BM 9-3A									BM 9-3A Alondra Blvd & Studebaker Rd. per FB 3705-217
BM 9-3B	158	390	459	5	183 133	50	144	952	445 5	169 120 49	BM 9-3B Alondra Blvd. & Studebaker Rd., per FB 3705-217
									for return run see pg. ~~173~~ 174
Σ of run from BM 9-3A to BM 9-3B					Total BS = 158.390				B.S. Stadia = 50
					" FS = 144.952				FS " = 49
					Diff. in elev = + 13.438				Total " = 99

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. Voge
NOTES BY Voge DATE 8-11-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 9:55 AM
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 752-34
ROD NO. 85-96
F.B. B746 PG. 173

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-3B TO BM9-3A
BM 9-3B									BM 9-3B Alondra Blvd. & Studebaker Rd., per FB 3705-217
BM9-3A	146	210	447 5	170 122 48	159	564	460 5	183 134 49	BM 9-3A Alondra Blvd. & Studebaker Rd., per FB 3705-217
									for foreand run see pg. 173
Σ of run from BM 9-3B to BM 9-3A				Total	B.S. = 146.210				B.S. Stadia = 48
				"	F.S. = 159.564				FS " = 49
				Diff. in elev. =	-13.354				total " = 97

F.B. 3746 PG. 174

JOB NO. 0301.02

SURVEY OF LA Co Precise Level Net

SURVEY BY Vega NOTES CHERRY

INDEXED C. J. GALLI DATE

WEATHER CLEAR INST. NO. 75234

TIME 11:10 ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 26 '65

76P526 CE # 308 3-61

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

N[illegible]: 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 9-3B TO BM 9-4
BM 9-3B									BM 9-3B Alondra Blvd. & Studebaker Rd. per FB 3705-217
1.	158	478	459 5	182 / 134 48	184	540	485 5	208 / 160 48	
2.	149	270	450 5	174 / 124 50	160	060	461 5	185 / 135 50	
3.	152	540	453 5	177 / 127 50	160	591	461 5	185 / 135 50	
4	147	520	448 5	172 / 122 50	164	427	465 5	189 / 139 50	
5	136	650	437 5	161 / 111 50	167	197	468 5	192 / 142 50	
6	159	772	460 5	184 / 134 50	165	102	466 5	190 / 140 50	
7.	158	083	459 5	183 / 133 50	163	010	464 5	188 / 138 50	
8.	177	081	478 5	202 / 152 50	161	462	462 5	186 / 136 50	
BM 9-4	154	774	455 5	164 / 145 19	168	990	469 5	177 / 158 19	BM 9-4 ℄ Studebaker Rd. & 166th St. per F.B. 1375-9
	1394.168			417	1495.379			417	

for return run See pg. 176

Σ of run from BM 9-3B to BM 9-4

Total B.S. = 1394.168
" F.S. = 1495.379
Diff. in elev. = -101.211

B.S. Stadia = 417
F.S. " = 417
Total " = 834

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C. J. Voge
NOTES BY Voge DATE 8-11-65
INDEXED C. J. [illegible] DATE
WEATHER clear
TIME 10:00 AM
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 75334
ROD NO. 95-96
F.B. 3746 PG. 175

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-4 TO BM 9-3B
BM 9-4									BM 9-4
1.	168	092	469 5	177 / 158 19	153	882	454 5	163 / 144 19	166th St. & Studebaker Rd., per FB 1375-9
2.	161	970	462 5	186 / 136 50	175	307	476 5	200 / 150 50	
3.	162	850	463 5	187 / 137 50	159	602	460 5	184 / 134 50	
4.	164 ~~159~~	310 ~~022~~	465 ~~466~~ 5	189 / 139 50	159	022	460 5	184 / 134 50	
5.	168	144	469 5	193 / 143 50	134	259	435 5	159 / 109 50	
6.	164	742	465 5	189 / 139 50	154	192	455 5	179 / 129 50	
7.	162	282	463 5	187 / 137 50	152	857	453 5	177 / 127 50	
8.	161	121	462 5	186 / 136 50	152	300	453 5	177 / 127 50	
9	186	600	487 5	210 / 162 48	156	801	457	180 / 132 48	B.M. 9-3B
	1499.511			417	1398.222			417	ALONDRA BLVD. AND STUDEBAKER RD. PER F.B. 3705-217
	Σ of RUN FROM B.M. 9-4 TO B.M. 9-3B				TOTAL B.S. = 1499.511				FOR FORWARD RUN SEE Pg. 175
					" F.S. = 1398.222				
					DIFF. IN ELEV. = +101.289				B.S. STADIA = 417
									F.S. " = 417
									TOTAL " = 834

F.B. 3746 Pg. 176

SURVEY OF LA Co Precise Level Net

SURVEY BY Vogel NOTES CHERRY

INDEXED L. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 10:40

NOTES CHKD [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 26 '65

76P526 CE # 308 3-61

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

N[illegible]: 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 9-4 TO BM 9-6B
BM 9-4									BM 9-4 166th St. & Studebaker Rd., per FB 1375-9
1.	162	450	463 5	157 / 137 50	163	385	464 5	188 / 138 50	
2.	143	190	444 5	168 / 118 50	206	978	507 5	231 / 181 50	
3.	117	518	418 5	142 / 92 50	180	678	481 5	205 / 155 50	
4.	135	098	436 5	160 / 110 50	179	159	480 5	204 / 154 50	
5.	141	900	442 5	166 / 116 50	171	857	472 5	196 / 147 49	
6.	132	572	433 5	157 / 107 50	162	900	463 5	187 / 137 50	
7.	147	620	448 5	172 / 122 50	165	475	466 5	190 / 140 50	
8.	156	260	457 5	175 / 137 38	155	272	456 5	175 / 136 39	BM 9-6B Artesia Blvd. & Studebaker Rd, per FB 3705-221
	1136	608		388	1385	704		388	

for return run see pg. 178

Σ of run from BM 9-4 to BM 9-6B

Total BS = 1136.608 B.S. stadia = 388
" FS = 1385.704 F.S. " = 388
Diff. in elev. = -249.096 Total " = 776

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Voge
NOTES BY Voge DATE 8-11-65
INDEXED C. J. GALLI DATE
WEATHER clear INST. NO. 75234
TIME 1:00 PM ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 26 '65
F.B. 3746 PG. 177

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-6B TO BM9-4
BM 9-6B									BM 9-6B Artesia Blvd. & Studebaker Rd., per FB 3705-221
1.	156	618	457 5	176 / 137 39	156	754	457 5	175 / 137 38	
2.	164	340	465 5	189 / 139 50	147	520	448 5	172 / 122 50	
3.	162	938	463 5	187 / 137 50	133	163	434 5	158 / 108 50	
4.	171	408	472 5	196 / 147 49	139	025	440 5	164 / 114 50	
5.	175	816	476 5	200 / 150 50	135	170	436 5	160 / 110 50	
6.	184	668	485 5	209 / 159 50	114	465	415 5	139 / 89 50	
7.	203	133	504 5	228 / 178 50	145	192	446 5	170 / 120 50	
8.	164	770	465 5	189 / 139 50	163 / ~~169~~	385	464 5 / ~~470 5~~	188 / 138 50	BM 9-4 Studebaker Rd. & 166th St., per F.B. 1375-9
	1383	691		388	1134	674		388	for foward run see pg. 177

Σ of run from BM 9-6B to BM 9-4

Total BS = 1383.691

" FS = 1134.674

Diff. in elev. = +249.017

B.S. stadia = 388

F.S. " = 388

Total " = 776

F.B. 3746 PG. 178

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALL DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 9:30 AM ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 26 '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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-6B TO BM9-6C
BM9-6B									BM9-6B Studebaker Rd. & Artesia Blvd., per FB 3705-22'
BM9-6C	161	878	462 5	176 146 30	168	501	469 5	183 153 30	BM9-6C Studebaker Rd. & Artesia Blvd., per FB 3705-22'
									for return run see pg. 180

Σ of run from BM 9-6B to BM 9-6C

Total BS = 161.878
" FS = 168.501
Diff. in elev. = -6.623

B.S. Stadia = 30
F.S. " = 30
Total " = 60

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Vogo
NOTES BY Vogo DATE 8-11-65
INDEXED G. J. GALLI DATE
WEATHER clear
TIME 1:35 PM
NOTES CHKD [illegible] DATE AUG 26 '65
INST. NO. 25234
ROD NO. 95.96
F.B. 3746 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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-6C TO BM 9-6B
BM 9-6C									BM 9-6C Artesia Blvd. & Studebaker Rd., per FB 3705-221
BM 9-6B	165	398	466	5	180 / 150	30	158	825	459 5 173 / 143 30	BM 9-6B Artesia Blvd. & Studebaker Rd., per FB 3705-221
									for forward run see pg. 179
∠ of run from BM 9-6C to BM 9-6B									Total BS = 165.398 / " FS = 158.825 / Diff. in elev = +6.573
									BS Stadia = 30 / FS " = 30 / Total " = 60

F.B. 3746 PG. 180

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 9:20 AM ROD NO. 95-96

NOTES CHKD. [signature] DATE AUG 26 '[illegible]

76P526 CE # 308 3-61

PLEASE RETURN TO
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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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Voge DATE 8-11-65 WEATHER clear INST. NO. 25234
NOTES BY Voge TIME 1:40 PM ROD NO. 95F96
INDEXED C. J. SALLI DATE NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 Pg. 181

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-6C TO BM 9-7A
BM 9-6C									BM 9-6C Artesia Blvd. & Studebaker Rd, per FB 3705-221
1.	157	864	458 5	182 132 50	163	915	464 5	188 138 50	
2.	200	820	501 5	225 173 50	66	290	367 5	91 41 50	
3.	188	950	489 5	211 165 46	187	965	488 5	210 164 46	
4.	100	510	401 5	125 75 50	255	575	556 5	280 230 50	
5.	55	105	356 5	80 30 50	156	147	457 5	181 131 50	
6.	159	930	460 5	184 134 50	172	610	473 5	197 147 50	
7.	152	378	453 5	179 124 55	160	100	461 5	187 133 54	
8.	160	802	461 5	184 135 49	172	301	473 5	198 146 52	
9.	156	646	457 5	170 142 28	169	715	470 5	182 156 26	BM 9-7A Studebaker Rd & 183rd St. per FB 3705-223
	1333.005			428	1504.618			428	

For return run see pg. 182

Est run from BM 9-6C to BM 9-7A

Total BS = 1333.005
" FS = 1504.618
Diff. in elev. = -171.613

BS. Stadia = 428
FS. " = 428
Total " = 856

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-7A TO BM 9-6C
BM 9-7A									BM 9-7A, 183rd & Studebaker Rd, per FB 3705-223
1.	169	322	470 5	182 156 26	159	240	460 5	173 145 28	
2.	177	045	478 5	203 152 51	167	806	468 5	192 142 50	
3.	163	688	464 5	190 136 54	149	620	450 5	177 122 55	
4	170	802	471 5	195 145 50	169	803	470 5	194 144 50	
5.	167	537	468 5	192 142 50	60	027 ~~037~~	361 5	85 35 50	
6.	262	488	563 5	286 236 50	103	940	404 5	128 78 50	
7.	187	712	488 5	210 164 46	188	288	489 5	211 165 46	
8.	64	856	365 5	89 38 51	202	580	503 5	227 178 49	for foward run see pg. 181
9.	168	570	469 5	193 143 50	159	140	460 5	184 134 50	BM 9-6C Artesia Blvd. & Studebaker Rd, per FB 3705-221
	1532.020			428	1360.444			428	

Σ of run from BM 9-7A to BM 9-6C

Total BS = 1532.020
" FS = 1360.444
Diff. in elev. = +171.576

BS Stadia = 428
FS " = 428
Total " = 856

F.B. 3746 Pg. 182

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 2:20 PM

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 26 '65

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W. J. Voge
NOTES BY Voge DATE 8-12-65
INDEXED G. J. GALLI DATE
WEATHER Clear
TIME 10:20 AM
NOTES CHKD [signature] DATE AUG 26 '65
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 PG. 183

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM 9-7A TO BM 9-8
BM 9-7A									BM 9-7A 183rd St. & Studebaker Rd., per FB 3705-223
1.	151	650	452 5	176 126 50	165	241	466 5	190 140 50	
2.	151	467	452 5	176 126 50	172	735	473 5	197 147 50	
3.	153	333	454 5	178 128 50	150	412	451 5	175 125 50	
4.	147	912	448 5	172 122 50	170	460	471 5	195 145 50	
5	134	708	435 5	159 109 50	140	512	441 5	165 115 50	
6.	139	475	440 5	164 114 50	176	705	477 5	201 151 50	
7.	155	525	456 5	180 130 50	171	645	472 5	196 146 50	
8.	141	731	442 5	166 116 50	209	610	510 5	234 184 50	
9.	184	871	485 5	189 178 11	184	583	485 5	189 178 11	BM 9-8 E. South St. & Studebaker Rd., per FB 3705-225
	1360.672			411	1541.903			411	for return run see pg. 184

Σ of run from BM 9-7A to BM 9-8

Total BS = 1360.672
" FS = 1541.903
Diff. in elev. = -181.231

B.S. Stadia = 411
F.S. " = 411
Total " = 822

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM9-8 TO BM9-7A
BM9-8									BM9-8
1.	183	240	484 5	188 177 11	184	356	485 5	189 178 11	Studebaker Rd. & E. South St, per FB3705-225
2.	208	515	509 5	233 183 50	144	250	445 5	169 119 50	
3.	175	479	476 5	200 150 50	152	672	453 5	177 127 50	
4.	174	271	475 5	190 149 50	148	652	449 5	173 123 50	
5.	149	582	450 5	174 124 50	123	999	424 5	148 98 50	
6.	157	840	458 5	182 132 50	161	238	462 5	186 136 50	FOR ~~RETURN~~ FORWARD RUN SEE Pg. 183
7.	165	923	466 5	190 140 50	152	810	453 5	177 127 50	
8.	171	376	472 5	196 146 50	151	365	452 5	176 126 50	
9	166	840	467 5	191 141 50	152	711	453 5	177 127 50	B.M. 9-7A 183 RD ST. & STUDEBAKER ROAD PER F.B. 3705-223
	1553.066			411	1372.053			411	

Σ of RUN FROM B.M. 9-8 TO B.M. 9-7A

TOTAL B.S. = 1553.066 B.S. STADIA = 411
" F.S. = 1372.053 F.S. STADIA = 411
DIFF. IN ELEV. = +181.013 TOTAL STADIA = 822

WEATHER Clear INST. NO. 75234
TIME 11:00 AM ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 26 '65

F.B. 3746 PG. 184 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Vage NOTES CHERRY
INDEXED G. J. GALLI DATE

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-8 TO BM9-8B
BM9-8									BM 9-8
1.	200	366	501 5	225 175 50	63 ~~64~~	958	364 5 ~~95~~ ~~365~~ ~~5~~	88 38 50	Studebaker Rd. & E. South St., per FB 3705-225
2.	238	820	539 5	253 223 30	60	413	361 5	75 45 30	
BM9-8B	239	884	540 5	253 224 29	47	373	348 ~~41~~ 5	61 33 28	
~~4~~	679	.070		109	171	.744	✗	108	BM 9-8B E. South St. & San Gabriel River, per FB1375-217

for return run see pg. 186

E of run from BM9-8 to BM9-8

Total BS = 679.070
" FS = 171.744
Diff. in elev = +507.326

B.S. Stadia = 109
FS " = 108
Total " = 217

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY WJ Voge
NOTES BY Voge DATE 8-12-65
INDEXED G. J. GALLI DATE
WEATHER clear
TIME 1:00 PM
NOTES CHKD [illegible] DATE AUG 27 '65
INST. NO. 75234
ROD NO. 95596
F.B. 3746 PG. 185

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9-8B TO BM 9-8
BM 9-8B									BM 9-8B San Gabriel River & E. South St., per FB 1375-217
1.	51 ~~51~~	247	352 5	65 36 29	243	783	544 5	257 228 29	
2.	64	828	365 5	79 48 31	243	083	544 5	258 227 31	
3.	67	622	368 5	92 42 50	204	159	505 5	229 179 50	BM 9-8 E. South St. & Studebaker Rd., per FB 3705-225
	183.697			110	691.	025		110	for foward run see pg. 185

Σ of run from BM 9-8B to BM 9-8

Total B.S. = 183.697
" F.S. = 691.025
Diff. in elev. = -507.328

BS Stadia = 110
F.S. " = 110
Total " = 220

F.B. 374c PG. 186 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER clear INST. NO. 75234

TIME 2:30 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE AUG 27 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-8B TO BM 9-8A
BM 9-8B									BM 9-8B San Gabriel River & E South St. per FB 1375-217
BM 9-8A	49	793	350 5	63 35 28	58	248	359 5	72 43 29	BM 9-8A San Gabriel River & E. South St. per FB 1375-217
									for return run see pg. 188

Sum of run from BM 9-8B to BM 9-8A

Total BS = 49.793 BS Stadia = 28
" FS = 58.248 FS " = 29
Diff. in elev = − 8.455 Total " = 57

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

SURVEY BY W J Voge WEATHER Clear

NOTES BY Voge DATE 8-12-65 TIME 1:15 PM INST. NO. 25234

INDEXED C. J. GALLI DATE NOTES CHKD DATE AUG 27 '65 ROD NO. 25-92

F.B. 3746 Pg. 187

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-8A TO BM 9-8B
BM 9-8A									BM 9-8A San Gabriel River & E. South St, per FB 1375-217
BM 9-8B	58	856	359 5	72 43 29	50	464	351 5	64 35 29	BM 9-8B San Gabriel River & E. South St., per FB 1375-217
									for foward run see pg. 187

Σ of run from BM 9-8A to BM 9-8B

Total BS = 58.856
" FS = 50.464
Diff. in elev. = +8.392

BS Stadia = 29
FS " = 29
Total " = 58

F.B. 3746 PG. 188 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 2:25 PM ROD NO. 95-96

NOTES CHKD. [illegible] DATE AUG 27 '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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-8A TO BM9-9
BM9-8A									BM9-8A San Gabriel River & E South St, per FB 1375-217
1.	273	879	574 5	273 / 242 / 31x2 62	142	529	443 5	172 / 111 61	
2.	110	602	411 5	134 / 86 48	222	604	523 5	246 / 198 48	
3.	82	989	383 5	97 / 66 31	232	102	533 5	247 / 217 30	
4.	54	879	355 5	69 / 38 31	241	991	542 5	256 / 226 30	
5.	82	643	383 5	97 / 67 30	189	911	490 5	204 / 173 31	
6.	134	112	435 5	159 / 109 50	157	762	458 5	182 / 131 51	
7.	156	216	457 5	173 / 138 35	203	987	504 5	221 / 185 36	BM 9-9 E. South St. & N. Palo Verde Ave. per FB 3705-231
	895.320			287	1390.886			287	

for return run see pg. 190

Σ of run from BM 9-8A to BM 9-9

Total BS = 895.320
" FS = 1390.886
Diff. in elev = -495.566

BS Stadia = 287
FS " = 287
Total " = 574

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Voge
NOTES BY Voge DATE 8-12-65
INDEXED C. J. GALLI DATE
WEATHER clear
TIME 1:20 PM
NOTES CHKD [illegible] DATE AUG 27 '65
INST. NO 25234
ROD NO. 95-96
F.B. 3746 PG. 189

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9-9 TO BM 9-8A
BM 9-9									BM 9-9 N Palo Verde Ave. & E. South St., per FB 3705-231
1.	206	387	507 5	223 / 188 35	159	102	460 5	176 / 141 35	
2.	154	493	455 5	179 / 128 51	130	231	431 5	155 / 105 50	
3.	190	617	491 5	205 / 174 31	71	868	372 5	86 / 55 31	
4.	231	182	532 5	246 / 215 31	55	312	356 5	70 / 39 31	
5.	234	622	535 5	249 / 218 31	78	583	379 5	93 / 62 31	
6.	218	837	519 5	242 / 194 48	113	861	414 5	137 / 89 48	
7.	145	577	446 5	175 / 114 61	277	107	578 5	277 / 246 62	BM 9-8A San Gabriel River & E. South St., per FB 1375-217
	1381.715			288	886.064			31x2 / 288	for foward run See pg. 189

Σ of run from BM 9-9 to BM 9-8A

Total BS = 1381.715 BS Stadia = 288

" FS = 886.064 FS " = 288

Diff in elev. = + 495.651 Total " = 576

F.B. 3746 PG. 190

SURVEY OF LA Co Precise Level Net

SURVEY BY Yoge NOTES Yoge

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 1:55 PM ROD NO. 95-96

NOTES CHKD [illegible] DATE 2-27-68

76P526 CE # 308 3-61

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 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 WJ Voge
NOTES BY Voge DATE 8-13-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 9:30 AM
NOTES CHKD [illegible] DATE AUG 27 '65
INST. NO 75234
ROD NO 95591
F.B. 3746 PG 191

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 9-9 TO BM 9-10A
BM 9-9									BM 9-9 N. Palo Verde Ave & E South st., per FB 3705-231
1.	175	258	476 5	200 / 150 50	160	280	461 5	185 / 135 50	
2.	136	831	437 5	161 / 111 50	167	252	468 5	192 / 142 50	
3.	149	015	450 5	167 / 131 36	165	751	466 5	184 / 147 37	
4.	173	460	474 5	198 / 148 50	163	837	464 5	188 / 138 50	
5.	149	068	450 5	174 / 124 50	169	077	470 5	194 / 144 50	
6.	136	921	437 5	158 / 115 43	142	289	443 5	163 / 121 42	Σ of run from BM 9-9 to BM 9-10A
7.	160	490	461 5	185 / 135 50	154	090	455 5	179 / 129 50	Total BS = 1996.386
8.	160	208	461 5	185 / 135 50	175	860	476 5	200 / 150 50	" FS = 2155.017
9.	147	405	448 5	172 / 122 50	165	732	466 5	190 / 140 50	Diff. in elev = -158.631
10.	147	692	448 5	174 / 119 55	196	653	497 5	222 / 170 52	B.S. stadia = 625; F.S. " = 625; Total " = 1250
11.	160	507	461 5	180 / 139 41	144	632	445 5	165 / 123 42	
12.	151	821	452 5	176 / 126 50	168	122	469 5	193 / 143 50	for return run see pg. 192
BM 9-10A	147	710	448 5	172 / 122 50	181	442	482 5	181 / 135 52	BM 9-10A Del Amo Blvd. & Palo Verde Ave., Per FB 3705-233
	1996.386			625	2155.017			26x2 / 625	

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9-10A TO BM 9-9
BM 9-10A									BM 9-10A Del Amo Blvd & Palo Verde Ave, per FB 3705-233
1.	176	622	477 5	202 / 151 51	142	622	443 5	167 / 117 50	
2.	164	640	465 5	189 / 139 50	148	528	449 5	173 / 123 50	Σ of run from BM 9-10A to BM 9-9
3.	140	139	441 5	161 / 119 42	142	307	443 5	163 / 122 41	
4.	175	812	476 5	201 / 149 52	140	108	441 5	168 / 112 56	Total BS = 2087.270
5.	163	405	464 5	188 / 138 50	147	270	448 5	172 / 122 50	" FS = 1928.880
6.	175	326	476 5	200 / 150 50	157	951	458 5	182 / 132 50	Diff. in elev = + 158.390
7.	153	536	454 5	178 / 128 50	160	278	461 5	185 / 135 50	B.S. stadia = 625
8.	141	282	442 5	162 / 120 42	135	477	436 5	157 / 114 43	FS " = 626
9.	165	600	466 5	190 / 140 50	147	597	448 5	172 / 122 50	Total " = 1251
10.	163	263	464 5	188 / 138 50	147	667	448 5	172 / 122 50	
11.	144	388	445 5	163 / 125 38	148	859	449 5	166 / 130 36	
12.	163	578	464 5	188 / 138 50	135	690	436 5	160 / 110 50	for foward run See pg. 191
BM 9-9	159	679	460 5	184 / 134 50	174	526	475 5	199 / 149 50	BM 9-9 Palo Verde Ave & E South St. per FB 3705-231
	2087.270			625	1928.880			626	

F.B. 3746 PG. 192

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Vega NOTES Vega

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 11:00 AM ROD NO. 95-PC

NOTES CHKD [signature] DATE AUG 27 '63

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 9-10A TO BM 9-10
BM 9-10A							BM 9-10A Palo Verde Ave & Del Amo Blvd, per FB 3705-233
BM 9-10	157 097	458 5	169 / 145 24	189 422	490 5	201 / 177 24	BM 9-10 Palo Verde Ave & Del Amo Blvd, per FB 3705-233
							for return run see pg. 194
	Σ of run from BM 9-10 A to BM 9-10						

Total BS = 157.097' B.S. Stadia = 24'
" FS = 189.422' F.S. " = 24'
Diff. in elev. = -32.325' Total " = 48'

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Voge
NOTES BY W J Voge
INDEXED W. J. GALL
DATE 8-13-65
DATE
WEATHER clear
TIME 10:30 AM
NOTES CHKD
DATE AUG 27 '65
INST. NO 75324
ROD NO 95-96
F.B. 3744 Pg. 193

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75-38 ROD NO. 95-96 DATE AUG 27 '85

WEATHER clear TIME 10:40 AM NOTES CHKD

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 9-10 TO BM 9-10A
BM 9-10							BM 9-10 Del Amo Blvd. & Palo Verde Ave per FB 3705-233
BM 9-10A	189 188	490 5	201 177 24	156 843	457 5	168 144 24	BM 9-10A Del Amo Blvd & Palo Verde Ave, per FB 3705-233
							for foward run See pg. 193
E of run from BM 9-10 to BM 9-10A			Total " Diff. in elev	BS = 189.188 FS = 156.843 = +32.345			BS Stadia = 24 FS " = 24 Total " = 48

F.B. 3746 PG. 194 JOB NO. 030102

SURVEY OF LA Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALL DATE

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Hal J. Voge
NOTES BY Geo. Gall
DATE 8-13-65
WEATHER Clear
TIME 1:00 PM
INDEXED
DATE
NOTES CHKD
DATE
INST. NO. 75234
ROD NO. 95-96
F.B. 3746 Pg. 195

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM 9-10 To BM 9-11
BM 9-10.							BM 9-10 Palo Verde Ave & Del Amo Blvd, per FB 3705-233
1.	177 993	478 5	202 152 50	174 105	475 5	198 148 50	
2.	130 818	431 5	156 105 50	175 393	476 5	200 150 50	
3.	140 093	441 5	165 115 50	172 430	473 5	197 147 50	
4.	143 297	444 5	165 121 44	168 624	469 5	190 146 44	
5.	146 275	447 5	171 121 50	165 552	466 5	190 140 50	
6.	148 310	449 5	173 123 50	165 187	466 5	190 140 50	
7.	146 029	447 5	171 121 50	169 156	470 5	194 144 50	
8.	144 097	445 5	168 119 49	212 818	513 5	237 188 49	BM 9-11 Palo Verde Ave & Centralia St, per FB 3705-235
	~~1032.815~~ 1176.912		393	1403.265		393	for return run See Pg. 196
	E of run from BM 9-10 to BM 9-11			Total BS = ~~1032.815~~ 1176.912 " FS = 1403.265 Diff. in elev. = ~~370.450~~ -226.353			BS Stadia = 393 FS " = 393 Total " = 786

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 9-11 TO BM 9-10
BM 9-11									BM 9-11 PALO VERDE AND CENTRALIA ST. PER F.B. 3705-235
1.	194	603	~~495~~ 495	5	218 170	48	124	574	425 5	149 99 50
2.	167 ~~145~~	187 ~~587~~	468 ~~446~~	5	~~170~~ ~~120~~ 142 192	50	145	587	446 5	170 120 50
3.	160	678	461	5	189 134	51 ~~56~~	144	195	445 5	168 119 49
4.	167	472	468	5	195 142	50	147	597	448 5	172 122 50
5.	170	874	471	5	192 148	44	146	178	447 5	178 124 44
6.	173	100	~~148~~ 474	5	198 148	50	138	450	439 5	163 113 50
7.	178	624	479	5	203 153	50	137	000	438 5	162 112 50
8.	175	508	476	5	200 150	50	178	100	479 5	203 153 50
	1388	046			393		1161	681		393

FOR FORWARD RUN SEE Pg. 195

B.M. 9-10 PALO VERDE AVE. AND DEL AMO BLVD. PER F.B. 3705-233

Σ of RUN FROM B.M. 9-10 TO B.M. 9-10

TOTAL B.S. 1388.046
TOTAL F.S. 1161.681
DIFF. IN ELEV. + 226.365

B.S. STADIA = 393
F.S. STADIA = 393
TOTAL STADIA = 786

WEATHER PTLY CLDY. INST. NO. 75234
TIME 9:45 A.M. ROD NO. 95-96
NOTES CHKD [illegible] DATE AUG 27 '65

JOB NO. 0301.02
SURVEY OF LA Co Precise Level Net
SURVEY BY Voge NOTES Voge
INDEXED C. J. GALLI DATE

F.B. 3744 Pg. 196

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-11 TO BM 9-13
BM 9-11									9-11 Palo Verde Ave & ~~Central~~ Centralia St, per FB 3705-235
1.	212	345 ~~345~~	513 5	237 / 187 50	150	150	451 5	175 / 125 50	
2.	152	995	453 5	177 / 127 50	164	062	465 5	189 / 139 50	
3.	145	570	446 5	170 / 120 50	160	661	461 5	185 / 135 50	
4.	140	619	441 5	165 / 115 50	162	657	463 5	187 / 137 50	
5.	162	787	463 5	187 / 137 50	147	362	448 5	172 / 122 50	
6.	155	935	456 5	180 / 130 50	161	518	462 5	186 / 136 50	
7.	146	629	447 5	171 / 121 50	159	778	460 5	184 / 134 50	
8.	163	790	464 5	188 / 138 50	147	932 ~~978~~	448 5	172 / 122 50	
9.	139	710	440 5	156 / 121 35	227	489	528 5	245 / 210 35	BM 9-13 Carson St & Palo Verde Ave., per FB 3705-237
	1420.380			435	1481.609			435	

for return run see pg. 198

Σ of run from BM 9-11 to BM 9-13

Total BS = 1420.380
" FS = 1481.609
Diff. in elev = − 61.229

BS Stadia = 435
FS " = 435
Total " = 870

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

SURVEY BY Jo J Voge DATE 8-13-65 WEATHER Clear INST. NO. 75234

NOTES BY Voge DATE TIME 1:35 PM ROD NO. 95-96

INDEXED C.J. GALLI DATE NOTES CHKD [illegible] DATE AUG 27 '65

F.B. 3746 PG 197

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM9-13 TO BM9-11
BM 9-13									BM 9-13 Carson St. & Palo Verde Ave., per FB 3705-237
1.	226	308	527 5	244 / 209 35	138	508	439 5	156 / 121 35	
2.	145	575	446 5	170 / 120 50	162	294	463 5	187 / 137 50	
3.	161	752	462 5	186 / 136 50	147	750	448 5	172 / 122 50	
4.	162	870	463 5	187 / 137 50	155	433	456 5	180 / 130 50	
5.	142	977	443 5	167 / 117 50	158	408	459 5	183 / 133 50	
6.	165	117	466 5	190 / 140 50	144	532	445 5	169 / 119 50	
7.	160	590	461 5	185 / 135 50	146	551	447 5	171 / 121 50	
8.	161	678	462 5	186 / 136 50	150	138	451 5	175 / 125 50	
9.	148	727	449 5	173 / 123 50	210	871	511 5	235 / 185 50	BM 9-11 Palo Verde Ave. & Centralia Ave. per FB 3705-235
	1475.594			435	1414.485			435	for toward run See Pg. 197

Σ of run from BM 9-13 to BM9-11

Total BS = 1475.594 ✓
" FS = 1414.485 ✓
Diff. in elev. = +61.109 ✓

BS Stadia = 435 ✓
FS " = 435 ✓
Total " = 870 ✓

F.B. 3746 Pg. 198

SURVEY OF LA Co. Precise Level Net

SURVEY BY Vogt NOTES Vogt

INDEXED C. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 2:10 PM

NOTES CHKD [signature]

INST. NO. 75234

ROD NO. 95-96

DATE AUG 27 '65

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W. J. VOGE
NOTES BY CHERRY DATE 8-16-65
INDEXED C. J. GALLI DATE
WEATHER PTLY. CLDY. INST. NO. 75234
TIME 10:15 A.M. ROD NO. 95896
NOTES CHKD. [illegible] DATE AUG 27 '65
F.B. 3746 Pg. 199

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 9-13 TO B.M. 9-14A
B.M. 9-13									
1.	215	020	516 5	240 / 191 49	166	462	467 5	191 / 140 51	B.M. 9-13 PALO VERDE AVE. AND CARSON ST. PER. F.B. 3705-237
2.	147	202	448 5	172 / 122 50	170	850	471 5	195 / 145 50	
3.	134	350	435 5	159 / 109 50	182	404	483 5	207 / 157 50	
4.	129	970	430 5	154 / 103 51	177	643	478 5	202 / 152 50	
5.	137	277	438 5	162 / 112 50	183	848	484 5	208 / 188 50	
6.	142	350	443 5	167 / 117 50	148	319	449 5	173 / 123 50	FOR RETURN RUN SEE Pg. 200
7.	158	940	459 5	183 / 133 50	144	800	445 5	169 / 119 50	
8.	159	480	460 5	179 / 139 40	143	300	444 5	163 / 123 40	
9.	187	261	488 5	205 / 170 35	235	102	536 5	252 / 218 34	B.M. 9-14A CONQUISTA ST. AND Conant St., per FB 3705-239
	1411.850			425	1552.728			425	

Σ of run from BM 9-13 to BM 9-14A

Total BS = 1411.850
Total FS = 1552.728
Diff. in elev. = -140.878

BS. Stadia = 425
FS " = 425
Total " = 850

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 75334 ROD NO. 95396 DATE AUG 27 '85

WEATHER SUNNY TIME 1:55 PM NOTES CHKD. [illegible]

F.B. 3146 PG. 200 JOB NO. 03 01.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY NOTES CHERRY

INDEXED C. J. GALLI DATE

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 9-14A TO B.M. 9-13
B.M. 9-14A							B.M. 9-14A CONANT ST. AND CONQUISTA ST. PER. F.B. 3705-239
1.	206 680	509 5	223/190 33	158 552	459 5	176/140 36	
2.	140 166	441 5	160/120 40	156 821	459 5	176/136 40	
3.	150 830	451 5	175/125 50	165 422	466 5	189/140 49	
4.	144 492	445 5	169/118 51	137 812	438 5	161/112 49	
5.	179 827	480 5	204/154 50	133 317	434 5	158/108 50	
6.	177 670	478 5	202/152 50	129 735	430 5	154/104 50	
7.	183 768	484 5	208/158 50	135 874	436 5	160/110 50	
8.	168 520	469 5	193/143 50	150 242	451 5	175/125 50	FOR FORWARD RUN SEE PG. 199
9.	157 779	458 5	182/132 50	201 080	502 5	226/176 50	B.M. 9-13 PALO VERDE AVE. AND CARSON ST. PER F.B. 3705-237
	1509.732		424	1368.855		424	

Σ of RUN FROM B.M. 9-14A TO B.M. 9-13

TOTAL B.S. = 1509.732 B.S. STADIA = 424

TOTAL F.S. = 1368.855 F.S. " = 424

DIFF. IN ELEV. = +140.877 TOTAL " = 848

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY T.W. YOGE
NOTES BY CHERRY
DATE 8-16-65
WEATHER CLOUDY
TIME 11:00 AM
INDEXED
DATE
NOTES CHKD
DATE AUG 27 '68
INST. NO. 75234
ROD NO. 9CE96
F.B. 3746 PG. 701

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM B.M. 9-14A TO B.M. 9-15B
B.M. 9-14 A									B.M. 9-14A CONANT ST. AND CONQUISTAD PER F.B. 3705-239
1.	242	730	543 5	263 / 221 42	208	438	509 5	229 / 187 42	
2.	133	885	434 5	158 / 108 50	172	988	473 5	197 / 147 50	
3.	132	308	433 5	157 / 107 50	168	012	469 5	193 / 143 50	
4.	148	380	449 5	173 / 123 50	164	771	465 5	189 / 139 50	
5.	125	828	426 5	150 / 100 50	159	130	460 5	184 / 134 50	
6.	130	708	431 5	155 / 105 50	151	638	452 5	176 / 126 50	
7.	166	245	467 5	195 / 141 50	146	717	447 5	171 / 121 50	FOR RETURN RUN SEE PG. 202
8.	157	563	458 5	169 / 145 24	192	155	493 5	204 / 180 24	B.M. 9-15B PALO VERDE AVE. AND WARLOW RD. PER F.B. 3705-241
Σ	1237.647			366	1363.849			366	

E of RUN FROM B.M. 9-14A TO B.M. 9-15B

B.S. TOTAL = 1237.647
F.S. TOTAL = 1363.849
DIFF. IN ELEV. = -126.202

B.S. STADIA = 366
F.S. " = 366
TOTAL " = 732

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3746 PG. 202 — SURVEY OF L.A. CO. PRECISE LEVEL NET — JOB NO. 0301.02 — SURVEY BY VOSS & G. J. GALLI — INDEXED — DATE — WEATHER SUNNY — TIME 1:15 PM — NOTES CHKD. — INST. NO. 75-33 — ROD NO. 95-96 — DATE AUG 27 '75

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM B.M. 9-15B TO B.M. 9-14A
B.M. 9-15B							B.M. 9-15B PALO VERDE AVE. AND WARLOW RD. PER. F.B. 3705-241
1.	192 832	493 5	204 180 24	158 350	459 5	170 146 24	
2.	141 718	442 5	166 116 50	160 820	461 5	185 135 50	
3.	152 302	453 5	177 129 50	131 712	432 5	156 106 50	
4.	167 612	468 5	192 142 50	134 200	435 5	159 109 50	
5.	166 390	467 5	191 141 50	149 337	450 5	174 124 50	
6.	169 660	470 5	194 144 50	134 705	435 5	159 109 50	
7.	174 380	475 5	199 149 50	135 400	436 5	160 110 50	FOR FORWARD RUN SEE Pg. 201
8.	206 743	507 5	229 185 42	240 995	541 5	261 219 42	
	1371.637		366	1245.519		366	B.M. 9-14A CONANT ST. AND CONQUISTA ST. PER. F.B. 3705-239

Σ of RUN FROM B.M. 9-15B TO B.M. 9-14A

TOTAL B.S. = 1371.637
TOTAL F.S. = 1245.519
DIFF. IN ELEV. = +126.118

B.S. STADIA = 366
F.S. STADIA = 366
TOTAL STADIA = 732

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W. J. VOGE
NOTES BY M. E. Walker DATE 17-Aug-65
INDEXED C. J. GALLI DATE
WEATHER Clear
TIME 9:10 AM
NOTES CHKD [illegible] DATE AUG 27 '65
INST. NO. 25234
ROD NO. 95896
F.B. 3746 PG 203

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS
									FROM BM 9-15B TO BM8-34
BM9-15B									BM 9-15B Palo Verde Ave & Wardlow Rd.
1.	200	244	501 5	225 175 50	168	302	469 5	193 143 50	per F.B. 3705-241
2.	147	628	448 5	172 122 50	164	150	465 5	189 139 50	
3.	145	170	446 5	170 120 50	159	808	460 5	184 134 50	
4.	145	005	446 5	170 120 50	162	152	463 5	187 137 50	
5.	148	939	449 5	173 123 50	165	753	466 5	190 140 50	
6.	149	878	450 5	174 124 50	163	730	464 5	188 138 50	
7.	148	689	449 5	173 123 50	165	318	466 5	190 140 50	
8.	135	240	436 5	153 117 36	148	355	449 5	166 130 36	for return run. See pg. 204
9.	145	100	446 5	170 120 50	163	950	464 5	188 138 50	
10	143	000	444 5	157 129 28	161	342	462 5	175 147 28	BM. 8-34
	1508.893			464	1622.860			464	Palo Verde Ave & Springst. Per F.B. 1209-29

Σ run from BM 9-15B to BM8-34

Total B.S. = 1508.893
" F.S. = 1622.860
Diff. in elev = -113.967

B.S. Stadia = 464
F.S. " = 464
Total " = 928

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 8-34 TO BM 9-15B
BM 8-34									BM 8-34
									Palo Verde Ave & Spring St.
1.	153	102	454 5	167 / 139 28	134	512	435 5	148 / 120 28	Per F.B. 1209-29
2.	161	670	462 5	186 / 136 50	143	481	444 5	168 / 118 50	
3.	159	978	460 5	177 / 141 36	145	995	446 5	163 / 126 37	
4.	161	597	462 5	186 / 136 50	146	215	447 5	171 / 121 50	
5.	161	491	462 5	186 / 136 50	146	371	447 5	171 / 121 50	
6.	163	903	464 5	188 / 138 50	147	687	448 5	172 / 122 50	(For Forward run see PG-203)
7.	165	748	466 5	190 / 140 50	149	185	450 5	174 / 124 50	
8.	164	468	465 5	189 / 139 50	149	599	450 5	174 / 124 50	
9.	162	943	463 5	187 / 137 50	145	715	446 5	170 / 120 50	
10.	165	922	466 5	190 / 140 50	198	152	499 5	223 / 173 50	B.M. 9-15-B
	1620	.822		464	1506	912		465	Palo Verde Ave & Woodlow Rd
									Per F.B. 3705-241

E run from BM 8-34 to BM 9-15B

Total B.S. = 1620.822
" F.S. = 1506.912
Diff. in Elev. = +113.910

B.S. stadia = 464
F.S. " = 465
Total " 929

F.B. 3746 PG. 204

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Y.O.&E. NOTES M.E. Wacker

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 1:18 PM ROD NO. 95 & 96

NOTES CHKD. [illegible] DATE AUG 27 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-34 TO BM. 8-35
BM. 8-34									BM 8-34 Palo Verde Ave & Spring St. Per F.B. 1209-29
1.	173	361	474 5	198 / 148 50	147	169	448 5	172 / 122 50	
2.	164	587	465 5	189 / 139 50	143	050	444 5	168 / 118 50	
3.	160	650	461 5	185 / 135 50	145	563	446 5	170 / 120 50	
4.	147	252	448 5	172 / 122 50	185	277	486 5	210 / 160 50	
5.	168	552	469 5	193 / 143 50	175	615	476 5	200 / 150 50	
6.	163	897	464 5	184 / 142 42	137	730	438 5	159 / 116 43	
7.	163	330	464 5	173 / 153 20	146	472	447 5	157 / 136 21	(for return run see PG # 207)
8.	141	060	442 5	167 / 116 51	142	318	443 5	167 / 117 50	
9.	168	590	469 5	193 / 143 50	144	585	445 5	169 / 119 50	
10.	169	139	470 5	192 / 146 46	151	863	452 5	174 / 128 46	
11.	144	475	445 5	169 / 119 50	169	208	470 5	194 / 144 50	
12.	140	715	441 5	163 / 116 47	229	892	530 5	254 / 205 49	
	1905	608		556	1918	742		559	B.M. 8-35 Spring St & Adderley Ave ~~Per~~ F.B. @ Lamina Ave, Per FB 1209-30

For ℄ see PG-206

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. YOGE WEATHER Clear INST. NO. 75234
NOTES BY M. E. Wacker DATE 17-Aug-65 TIME 10:00 AM ROD NO. 95 & 96
INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE AUG 27 '65

F.B. 3746 PG. 205

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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 8-34 TO BM 8-35
E run from BM 8-34 To BM 8-35				Total B.S. = 1905.608 ✓					(Cont. from PG# 205) B.S. stadia = 556 ✓
				" F.S. = 1918.742 ✓					F.S. " = 559 ✓
				Diff in Elev = -13.134 ✓					Total " = 1115 ✓

F.B. 3746 PG. 206 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY YOGE NOTES M.E. Wack

INDEXED C. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 10:00 AM. ROD NO. 95 & 96

NOTES CHKD [signature] DATE AUG 27 '65

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

SURVEY BY W. J. Yoge WEATHER Clear INST. NO. 75234

NOTES BY M.E. Wacker DATE 17-Aug 65 TIME 11:08 AM ROD NO. 95196

INDEXED C. J. GALLY DATE NOTES CHKD [illegible] DATE AUG 27 '65

F.B. 3746 PG. 207

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM-8-35 TO BM-8-34
BM 8-35									BM. 8-35 Spring St & Adderley Ave Per. F.B. 1209-30
1.	228	917	529 5	253 204 49	139	780	440 5	163 116 47	
2.	169	438	470 5	194 144 50	144	420	445 5	169 119 50	
3.	147	866	448 5	169 124 45	165	277	466 5	188 141 47	
4.	146	158	447 5	171 121 50	170	328	471 5	195 145 50	
5.	145	159	446 5	170 120 50	143	826	444 5	168 118 50	
6.	145	950	446 5	155 134 21	162	950	463 5	172 152 20	
7.	136	175	437 5	157 114 43	162	072	463 5	183 141 42	(For Forward run see Pg# 205)
8.	172	880	473 5	197 147 50	165	789	466 5	190 140 50	
9.	186	089	487 5	211 162 49	148	242	449 5	173 122 51	
10.	147	712	448 5	172 122 50	164	273	465 5	189 139 50	
11.	145	282	446 5	170 120 50	165	432	466 5	190 140 50	
12.	147	091	448 5	172 122 50	173	245	474 5	198 148 50	BM. 8-34 Palo Verde & Spring St Per F.B. 1209-29
	1918	717		557	1905	634		557	

(For Σ see Pg. # 208)

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM. 8-35 TO BM. 8-34
									(Cont. Pg. #207)
Erun from			Total	B.S. = 1918.717 ✓				B.S. stadia = 557	
B.M. 8-35			"	F.S = 1905.634 ✓				F.S. " = 557 ✓	
To B.M. 8-34			Diff. in	Elev = +13.083 ✓				Total " = 1114 ✓	

F.B. 3746 PG. 208 JOB NO. 0301.02

SURVEY OF L.A. Co Precise Level Net

SURVEY BY Yoge NOTES Wacker

INDEXED G. J. GALLI DATE

WEATHER Clear INST. NO. 75234

TIME 11:08 A.M. ROD NO. 95296

NOTES CHKD [illegible] DATE AUG 27 '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 TO

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

SURVEY BY ____ WEATHER ____ INST. NO. ____

NOTES BY ____ DATE ____ TIME ____ ROD NO. ____

INDEXED ____ DATE ____ NOTES CHKD ____ DATE ____

F.B. 7416 PG. 209

F.B. 3246 Pg. 210 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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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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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 H. J. Voge
Checked	Notes Voge Date 8-18-65
Date	Indexed C. J. GALLI

F. B. 3746 PG. 213

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #310 6-62

LA CO PRECISE LEVEL NET

JN 0301.02

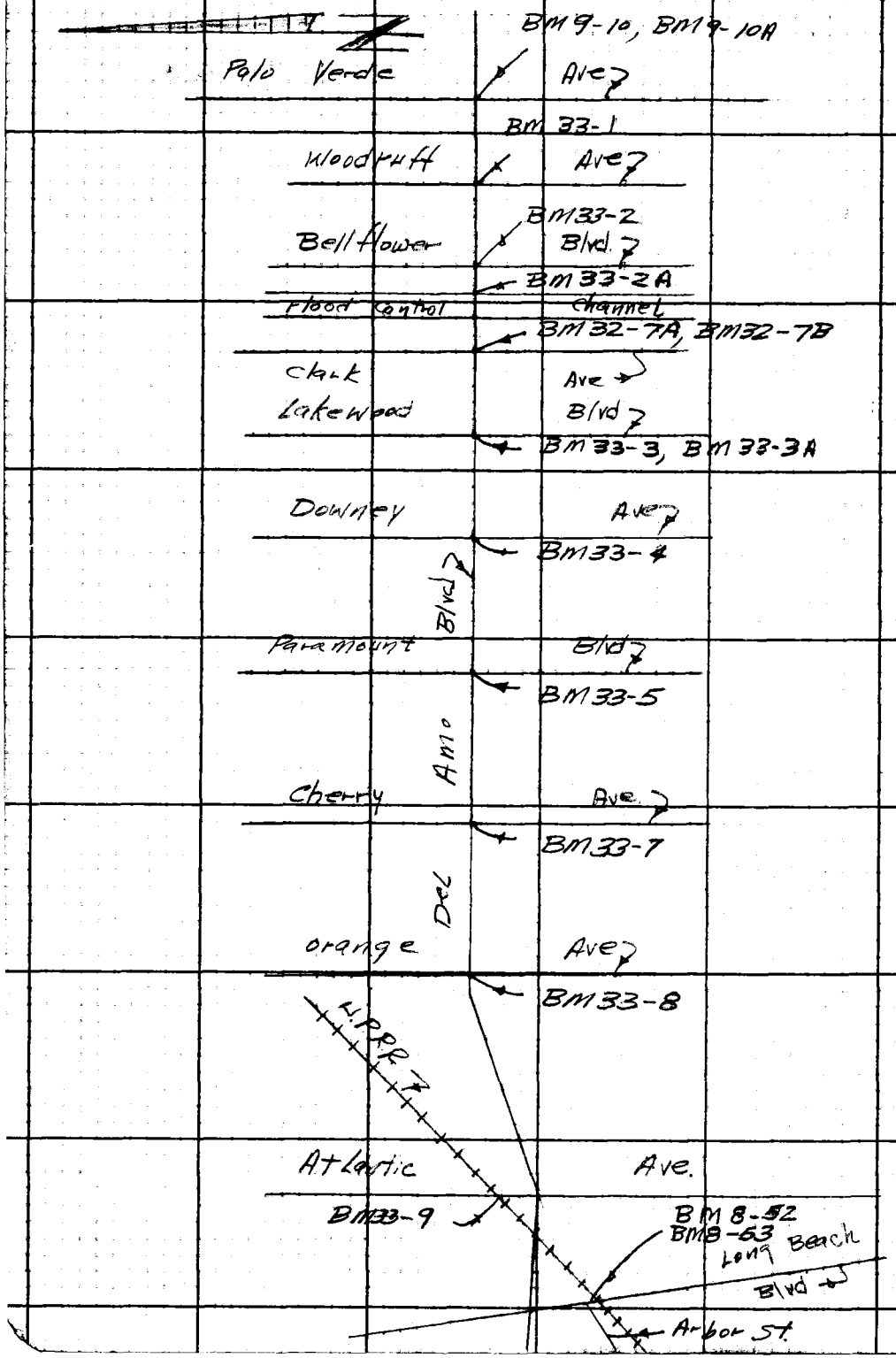
LINE #33

References Used:
FB 3705
FB 1353
FB 1209

Party:
H. Voge
T. Moore
L. Love
M. Wacker
N. Cherry

INDEX

F. B. 3746 PG 214



LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.
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76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 9-10 TO BM 9-10A
BM 9-10									BM 9-10
1.	184	569	485 5	196 / 172 24	152	242	453 5	164 / 140 24	Palo Verde Ave & Del Amo Per F.B. 3705-233
									B.M 9-10A Palo Verde Ave & Del Amo Per F.B. 3705-233
	Earun from BM 9-10 to BM 9-10A			Total B.S. = 184.569					(For return run see Pg # 216)
				Total F.S. = 152.242					
				Diff. in Elev = +32.327					
				B.S. Stadia = 24					
				F.S. " = 24					
				Total " = 48					

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Yoge WEATHER Clear INST. NO. 75234
NOTES BY M. E. Wacker DATE 17 Aug 65 TIME 2:15 P.M. ROD NO. 95+96
INDEXED DATE NOTES CHKD. [illegible] DATE [illegible] '65

F.B. 3746 PG. 215

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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 BM9-10A TO BM9-10
BM9-10A									BM9-10A Palo Verde Ave & Del Amo Blvd, per FB 3705-233
BM9-10	152	998	453 5	164 140 24	185	360	486 5	197 173 24	BM9-10 Palo Verde Ave & Del Amo Blvd, per FB 3705-233 (for foward run See Pg. 215)

Σ of run from BM 9-10A to BM 9-10

Total BS = 152.998
" FS = 185.360
Diff. in elev. = -32.362

BS. Stadia = 24
FS. " = 24
Total " = 48

WEATHER over-cast INST. NO. 75234
TIME 11:35 AM ROD NO. 95-96
NOTES CHKD. [illegible] DATE SEP 27 '65

F.B. 3746 PG. 216 JOB NO. 0301.02
SURVEY OF LA to Precise Level Net
SURVEY BY Vogt NOTES M.E. Wacker
INDEXED G. L. GALLI DATE

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. YOKE WEATHER Clear INST. NO. 75223
NOTES BY H. E. WACHT DATE 17 Aug 65 TIME 2:20 P.M. ROD NO. 86 & 96
INDEXED C. A. GALLI DATE NOTES CHKD DATE SEP 27 '65

F.B. 37416 Pg. 217

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 9-10A TO BM 33-1
BM 9-10A							BM 9-10A Palo Verde Ave & Del Amo Per. F.B. 3705-233
1.	142 591	443 5	167 117 50	171 410	472 5	196 146 50	
2.	152 623	453 5	177 127 50	141 582	442 5	166 116 50	
3.	165 259	466 5	190 140 50	148 801	449 5	173 123 50	
4.	142 172	443 5	167 117 50	158 161	459 5	183 133 50	(For return run see Pg # 218)
5.	135 022	436 5	160 110 50	145 046	446 5	170 120 50	
6.	172 200	473 5	197 147 50	140 832	441 5	165 115 50	
7.	166 986	467 5	191 141 50	126 390	427 5	151 101 50	
8.	151 495	452 5	176 126 50	201 680	502 5	226 176 50	BM 33-1 Del AMO Blvd. & Woodruff Per F.B. 3705-249
	1228.348		400	1233.902		400	

Return run from BM 9-10A to BM 33-1

Total B.S. = 1228.348
" F.S. = 1233.902
Diff in Elev = -5.554

B.S. stadia = 400
F.S. " = 400
Total " = 800

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F.B. 3446 PG. 218 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Yoque NOTES M.E. Wacker

INDEXED G. GALLI DATE

WEATHER Over-cast INST. NO. 75234

TIME 10:56 A.M. ROD NO. 95 & 96

NOTES CHKD [illegible] DATE SEP 27 '65

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS
									FROM BM 33-1 TO BM 9-10A
BM 33-1									BM 33-1 Del Amo Blvd. & Woodruff Ave., per FB 3705-249
1.	201	420	502 5	226 176 50	151	402	452 5	176 126 50	
2.	124	950	425 5	149 99 50	167	037	468 5	192 142 50	
3.	143	377	444 5	168 118 50	173	377	474 5	198 148 50	
4.	149	140	450 5	174 124 50	138	908	439 5	163 113 50	(For forward run see Pg. 217)
5.	161	272	462 5	186 136 50	145	371	446 5	170 120 50	
6.	146	820	447 5	171 121 50	163	365	464 5	188 138 50	
7.	148	710	449 5	173 123 50	160	540	461 5	185 135 50	
8.	153	771	454 5	178 128 50	124	085	425 5	149 99 50	BM 9-10A Del Amo Blvd. & Palo Verde Ave., per FB 3705-233
	1229.460			400	1224.085			400	for forward run See Pg. 217

Σ of run from BM 33-1 to BM 9-10A

Total BS = 1229.460
" FS = 1224.085
Diff. in elev. = +5.375

B.S. Stadia = 400
F.S. " = 400
Total " = 800

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 33-1 TO B.M. 33-2
B.M. 33-1									B.M. 33-1 Del Amo Blvd. & Woodruff Ave Per F.B. 3705-249
1.	201	048	502 5	226 / 176 50	124	444	425 5	149 / 99 50	
2.	143	413	444 5	168 / 118 50	144	100	445 5	169 / 119 50	
3.	175	152	476 5	200 / 150 50	140	637	441 5	165 / 115 50	
4.	152	626	453 5	175 / 129 46	138	372	439 5	161 / 115 46	
5.	158	327	459 5	183 / 133 50	142	316	443 5	167 / 117 50	
6.	166	852	467 5	191 / 141 50	157	080	458 5	182 / 132 50	(For return run see Pg. 220)
7.	166	676	467 5	191 / 141 50	143	560	444 5	168 / 118 50	
8.	144	322	445 5	163 / 125 38	152	428	453 5	171 / 133 38	
9.	154	931	455 5	179 / 129 50	158	527	459 5	183 / 133 50	
10.	156	171	457 5	168 / 143 25	202	587	503 5	214 / 190 24	B.M. 33-2 Del Amo Blvd. & Bellflower Blvd. Per F.B. 3705-251
	1619.518			459	1504 051			458	
	E run from B.M. 33-1 to B.M. 33-2				Total B.S. = 1619.518				B.S. stadia = 459
					" F.S. = 1504.051				F.S. " = 458
					Diff in Elev = +115.467				Total " = 917

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W.J. VOGE
NOTES BY M.E. Wacker DATE 18 Aug. 1965 WEATHER Overcast INST. NO. 75234
INDEXED [illegible] DATE TIME 9:23 A.M. ROD NO. 95 & 96
NOTES CHKD [illegible] DATE SEP 27 '65

F.B. 3746 Pg. 219

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WEATHER OVER-CAST INST. NO. 75234
TIME 10:15 A.M. ROD NO. 25 & 26
NOTES CHKD. DATE SEP 27 '65

SURVEY OF L.A. Co. Precise Level Net
SURVEY BY YOCE NOTES M.E. Wacker
INDEXED G. A. GALLI DATE

JOB NO. 0701.02
F.B. 3746 PG. 220

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							FROM BM. 33-2 TO BM. 33-1
B.M. 33-2							B.M. 33-2 Del Amo Blvd & Bellflower Blvd. Per F.B. 3705-251
1.	200 873	501 5	212 188 24	154 456	455 5	166 141 25	
2.	159 462	460 5	184 134 50	155 568	456 5	180 130 50	
3.	153 089	454 5	172 134 38	145 305	446 5	164 126 38	
4.	144 187	445 5	169 119 50	166 830	467 5	191 141 50	
5.	152 379	453 5	177 127 50	162 698	463 5	187 137 50	
6.	142 782	443 5	167 117 50	159 927	460 5	184 134 50	(For forward run see Pg. 219)
7.	140 386	441 5	163 117 46	153 360	454 5	176 130 46	
8.	137 681	438 5	162 112 50	170 060	471 5	195 145 50	
9.	146 050	447 5	171 121 50	147 350	448 5	172 122 50	
10.	125 458	426 5	150 100 50	202 181	503 5	227 177 50	B.M. 33-1 Del Amo Blvd & Woodruff Ave. Per F.B. 3705-249
	1502.347 ✓		458 ✓	1617 735 ✓		459 ✓	
	E run from BM. 33-2 to BM. 33-1			Total B.S. = 1502.347 ✓ " F.S. = 1617.735 ✓ Diff in Elev = 115.388 ✓			B.S. stadia = 458 ✓ F.S. " = 459 ✓ Total " = 917 ✓

76P526 CE # 308 3-61

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

SURVEY BY VOGE

NOTES BY CHERRY DATE 8-18-65

INDEXED [illegible] DATE

WEATHER SUNNY

TIME 1:20 P.M.

NOTES CHKD [illegible] DATE SEP 27 '65

INST. NO. 75234

ROD NO. 95896

F.B. 3746 Pg. 221

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM B.M. 33-2 TO B.M. 33-2A
B.M. 33-2									B.M. 33-2 BELLFLOWER BLVD. & DEL AMO PER F.B. 3705-251
1.	184	314	485 5	198 / 171 27	154	720	455 5	168 / 141 27	
2.	151	585	452 5	176 / 126 50	184	577	485 5	209 / 159 50	
3.	140	305	441 5	161 / 118 43	126	648	427 5	148 / 104 44	FOR RETURN RUN SEE Pg. 222
4.	134	711	435 5	159 / 109 50	144	800	445 5	169 / 119 50	
5.	144	591	445 5	169 / 119 50	160	841	461 5	185 / 135 50	
6.	141	396	442 5	166 / 116 50	162	842	463 5	187 / 137 50	
7.	114	403	415 5	139 / 89 50	146	236	447 5	171 / 121 50	
8.	159	451	460 5	169 / 150 19	116	676	417 5	126 / 107 19	B.M. 33-2A CLARK ST. & DEL AMO BLVD. 480 ± 'E, PER F.B. 3705-253
	1170.750			339	1197	340		340	

Σ of RUN FROM B.M. 33-2 TO B.M. 33-2A

B.S. TOTAL = 1170.750

F.S. TOTAL = 1197.340

DIFF. IN ELEV. = -26.590

B.S. STADIA = 339

F.S. " = 340

TO " = 679

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 33-2A TO B.M. 33-2
B.M. 33-2A									B.M. 33-2A
1.	116	116	417 5	126 / 107 19	158	933	459 5	168 / 149 19	CLARK ST. & DEL AMO BLVD. 480± 'E, PER F.B. 3705-253
2.	146	813	447 5	171 / 121 50	115	269	416 5	140 / 90 50	
3.	162	397	463 5	187 / 137 50	140	624	441 5	165 / 115 50	FOR FORWARD RUN SEE Pg. 221
4.	163	035	464 5	188 / 138 50	146	700	447 5	171 / 121 50	
5.	141	536	442 5	166 / 116 50	131	380	432 5	156 / 106 50	
6.	129	305	430 5	151 / 107 44	143	340	444 5	165 / 121 44	
7.	182	785	483 5	207 / 158 49	149	924	450 5	174 / 124 50	
8.	156	195	457 5	170 / 143 27	185	670	486 5	199 / 172 27	B.M. 33-2 BELLFLOWER BLVD. & DEL AMO PER F.B. 3705-251
	1198.546			339	1171.840			340	

Σ of run from BM 33-2A to BM 33-2

Total BS = 1198.546
" FS = 1171.840
Diff. in elev. = +26.706

BS Stadia = 339
FS " = 340
Total " = 679

F.B. 3746 PG. 222

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY VOGE NOTES CHERRY

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER SUNNY INST. NO. 75234

TIME 2115 P.M. ROD NO. 95 & 96

NOTES CHKD [signature] DATE SEP 27 '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]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 33-2A TO BM 32-7B
BM 33-2A									BM 33-2A Clark St. & Del Amo Blvd.
1.	126	630	427 5	151 101 50	129	142	430 5	154 104 50	48[illegible] E, per FB 3703-253
2.	160	631	461 5	166 155 11	176	812	477 5	182 171 11	B.M. 32-7B
	287	261		61	305	954		61	CLARK ST. & DEL AMO BLVD. PER F.B. 2865-7

FOR RETURN RUN SEE Pg. 224

Σ of RUN FROM B.M. 33-2A TO B.M. 32-7B

TOTAL B.S. = 287.261
TOTAL F.S. = 305.954
DIFF. IN ELEV. = -18.693

B.S. STADIA = 61
F.S. " = 61
TOTAL " = 122

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W J Page
NOTES BY CHERRY DATE 8-18-65
INDEXED C. J. GALLI DATE
WEATHER SUNNY
TIME 1:55 P.M.
NOTES CHKD [illegible] DATE SEP 27 '65
INST. NO 25234
ROD NO 95-96
F.B. 3746 Pg 223

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 32-7B TO B.M. 33-2A
B.M. 32-7B									B.M. 32-7B CLARK ST. & DEL AMO BLVD. PER F.B. 2865-7
1.	176	503	477 5	182 171 11	160	295	461 5	166 155 11	
2.	129	343	430 5	154 104 50	126	841	427 5	151 101 50	B.M. 33-2A CLARK ST. & DEL AMO BLVD. 480± ' E, PER F.B. 3705-253
	305	846		61	287	136		61	
									FOR FORWARD RUN SEE Pg. 223

Σ of RUN FROM B.M. 32-7B TO B.M. 33-2A

TOTAL B.S. = 305.846
TOTAL F.S. = 287.136
DIFF. IN ELEV. = +18.710

B.S. STADIA = 61
F.S. " = 61
TOTAL = = 122

F.B. 3746 PG. 224 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY RDGE NOTES CHERRY

INDEXED C. J. GALLI DATE

WEATHER SUNNY INST. NO. 75234

TIME 2:10 P.M. ROD NO. 95 & 96

NOTES CHKD [illegible] DATE SEP 27 '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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM32-7B TO BM32-7A
BM 32-7B									Clark St. & Del Amo Blvd, per FB 2865-8
BM32-7A	179	298	480 5	195 163 32	179	212	480 5	195 163 32	(BM 32-7B)
									BM 32-7A, Clark St & Del Amo Blvd, per FB 2865-7
									FOR RETURN RUN SEE Pg. 226
	Σ of RUN FROM B.M. 33-7B TO B.M. 33-7A				TOTAL B.S. = 179.298 TOTAL F.S. = 179.212 DIFF. IN ELEV. = +0.086				B.S. STADIA = 32 F.S. " = 32 TOTAL " = 64

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

SURVEY BY W. J. VOGE

NOTES BY CHERRY DATE 8-18-65

INDEXED G. J. GALLI DATE

WEATHER SUNNY

TIME 2:00 P.M.

NOTES CHKD [illegible] DATE SEP 27 '65

INST. NO. 75234

ROD NO. 95E96

F.B. 37 dc Pg. 225

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM B.M. 32-7A TO B.M. 32-7B
B.M. 32-7A									B.M. 32-7A CLARK ST. & DEL AMO BLVD. PER F.B. 2865-7
B.M. 32-7B	180	280	481	5	180	397	481	5	B.M. 32-7B CLARK ST. & DEL AMO BLVD. PER. F.B. 2865-8
				196 / 64				196 / 64	
				32				32	FOR FORWARD RUN SEE PG. 225
	℄ OF RUN FROM B.M. 32-7A TO B.M. 32-7B				TOTAL B.S. = 180.280 TOTAL F.S. = 180.397 DIFF. IN ELEV. = -.117				B.S. STADIA = 32 F.S. " = 32 TOTAL " = 64

WEATHER SUNNY INST. NO. 75234

TIME 2:05 P.M. ROD NO. 95 & 96

NOTES CHKD. DATE SEP 27 '65

F.B. 3746 PG. 226 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY VOSE NOTES CHERRY

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 W.J. YOCE
NOTES BY M.E. WALKER DATE 18 Aug 1965 WEATHER Overcast INST. NO. 75234
INDEXED G.J. GALLI DATE TIME 9:05 AM ROD NO. 85-96
NOTES CHKD DATE SEP 27 65

F.B. 3746 Pg. 227

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 32-7A TO BM 33-3A
B.M. 32-7A							B.M. 32-7A Del Amo Blvd. & Clark Ave. Per F.B. 2865-7
1.	152 231	453 5	173 131 42	146 862	447 5	167 125 42	
2.	139 093	440 5	164 114 50	140 612	441 5	165 115 50	
3.	158 750	459 5	183 133 50	125 877	426 5	150 100 50	
4.	168 890	469 5	193 143 50	143 965	444 5	168 118 50	
5.	153 728	454 5	178 128 50	170 402	471 5	195 145 50	(For return run see Pg. 228)
6.	143 185	444 5	168 118 50	166 670	467 5	191 141 50	
7.	155 772	456 5	180 130 50	145 307	446 5	170 120 50	
8.	166 672	467 5	190 143 47	165 398	466 5	188 141 47	
9.	174 430	475 5	189 154 30	169 302	470 5	184 154 30	B.M. 33-3A Del Amo Blvd. & Lakewood Per F.B. 3705-255
	1412.751		419	1374.395		419	
	℄ of run from B.M. 32-7A to B.M. 33-3A			Total BS. = 1412.751 " FS. = 1374.395 Diff in Elev = +38.356			B.S. stadia = 419 F.S. " = 419 Total " = 838

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM33-3A TO BM32-7A
BM33-3A									BM 33-3A Lake Wood Blvd & Del Amo Blvd, per FB 3705-235
1.	153	338	454 5	166 140 26	141	241	442 5	152 129 23	
2.	133	760	434 5	156 111 45	152	312	453 5	176 129 47	
3.	148	471	449 5	173 123 50	158	898	459 5	183 133 50	
4.	169	165	470 5	194 144 50	144	926	445 5	169 119 50	
5.	158	093	459 5	183 133 50	141	883	442 5	166 116 50	for toward run see pg. 227
6.	148	143	449 5	173 123 50	173	579	474 5	198 148 50	
7.	130	572	431 5	155 105 50	165	281	466 5	190 140 50	
8.	144 ~~143~~	105 ~~073~~	445 5	169 119 ~~50~~ 50	140	567	441 5	165 115 50	
9.	163	291	464 5	184 143 41	168	660	469 5	189 148 41	BM 32-7A Clark Ave ~~St~~ & Del Amo Blvd. Per FB 2865-7
	1348	938		412	1387	347		411	

Σ of run from BM 33-3A to BM 32-7A

Total BS = ~~FS~~ 1348.938
" FS = 1387.347
Diff. in elev = −38.409

B.S. Stadia = 412
FS " = 411
Total " = 823

F.B. 3746 PG. 228

SURVEY OF LA Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 10:45 AM ROD NO. 95-96

NOTES CHKD [signature] DATE SEP 27 '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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM33-3A TO BM33-3
BM33-3A									BM 33-3A Lakewood Blvd. & Del Amo Blvd, per FB 3705-255
BM33-3	161	345	462 5	163 159 4	164	427	465 5	166 162 4	BM 33-3 Lakewood Blvd & Del Amo Blvd, per FB 3705-255
									for return run see pg. 230.
Σ of run from BM 33-3A to BM 33-3					Total BS = 161.345 ✓				BS Stadia = 4 ✓
					" FS = 164.427 ✓				FS " = 4 ✓
					Diff. in elev = −3.082 ✓				Total " = 8 ✓

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

SURVEY BY W. J. Voge WEATHER Overcast INST. NO 25234

NOTES BY Hacker DATE 8-19-65 TIME 9:40 AM ROD NO 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE SEP 27 '65

F.B. 3746 PG. 229

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 33-3 TO BM 33-3A
BM 33-3									BM 33-3 Lakewood Blvd & Del Amo Blvd, per FB 3705-255
BM 33-3A	164	469	465 5	166 162 4	161	372	462 5 159	162 159 3	BM 33-3A Lakewood Blvd & Del Amo Blvd, per FB 3705-255
									for foward run see Pg. 229
Σ of run from BM 33-3 to BM 33-3A									
			Total	BS =	164.	469 ✓		BS	Stadia = 4 ✓
			"	FS =	161.	372 ✓		FS	" = 3 ✓
			Diff in elev	=	+3.097 ✓			Total	" = 7

F.B. 3746 PG 230

SURVEY OF LA Co. Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED G. J. GALLI DATE

JOB NO. 0301.02

WEATHER clear

TIME 10:30 AM

NOTES CHKD. [illegible]

INST. NO. 75234

ROD NO. 95-96

DATE SEP 27 '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.

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

SURVEY BY W. J. YOGE WEATHER Over Cast INST. NO. 75234

NOTES BY M. E. Wacker DATE 19-Aug-1965 TIME 9:45 AM ROD NO. 95-96

INDEXED C. J. GALLI DATE NOTES CHKD [illegible] DATE 27 '65

F.B. 3746 PG 231

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 33-3 TO BM 33-4
BM 33-3									BM 33-3 Del Amo Blvd & Lakewood Blvd, per FB 3705-255
1.	172	121	473 5	182 / 162 20	173	837	474 5	183 / 162 21	
2.	150	448	451 5	175 / 126 49	175	840	476 5	200 / 151 49	
3.	161	579	462 5	184 / 139 45	165	722	466 5	187 / 143 44	
4.	159	188	460 5	182 / 136 46	188	133	489 5	211 / 165 46	
5.	154	242	455 5	179 / 129 50	146	000	447 5	171 / 121 50	(For return run see Pg-232)
6.	170	922	471 5	195 / 145 50	145	431	446 5	170 / 120 50	
7.	149	190	450 5	174 / 124 50	163	529	464 5	188 / 138 50	
8.	156	092	457 5	181 / 131 50	101	975	402 5	126 / 76 50	
9.	163	069	464 5	181 / 146 35	189	390	490 5	206 / 172 34	
10.	146	868	447 5	161 / 131 30	193	050	494 5	208 / 178 30	BM. 33-4 Del Amo Blvd & Downey Ave Per FB 1353-166
	1583	719		425	1642	907		424	

Σ of Run from BM. 33-3 TO BM. 33-4

Total B.S. = 1583.719

" F.S. = 1642.907

Diff in Elev = -59.188

B.S. stadia = 425

F.S. " = 424

Total " = 849

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 33-4 TO BM 33-3
BM 33-4									BM 33-4 Downey Ave & Del Amo Blvd., per FB 1353-166
1.	194	814	495 5	210 179 31	148	442	449 5	164 133 31	
2.	195	074	496 5	212 178 34	168	270	469 5	186 151 35	
3.	97	193	398 5	122 72 50	151	731	452 5	176 126 50	
4.	160	686	461 5	185 135 50	146	933	447 5	171 121 50	
5.	144	574	445 5	169 119 50	169	582	470 5	194 144 50	
6.	146	629	447 5	171 121 50	155	541	456 5	180 130 50	
7.	189	915	490 5	212 166 46	175	082	476 5	198 152 46	for foward run see Pg. 231
8.	183	020	484 5	205 161 44	165	073	466 5	188 143 45	
9.	178	965	479 5	203 154 49	153	391	454 5	178 128 50	
10.	174	570	475 5	184 164 20	172	065	473 5	182 162 20	BM 33-3 Lakewood Blvd. & Del Amo Blvd., per FB 3705-255
	1665.440			424	1606.110			427	

Σ of run from BM 33-4 to BM 33-3

Total BS = 1665.440
" FS = 1606.110
Diff. in elev = +59.330

BS. Stadia = 424
F.S. " = 427
Total " = 851

F.B. 3746 PG. 232

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALL DATE

JOB NO. 0301.02

WEATHER Clear INST. NO. 75234

TIME 9:40 AM ROD NO. 95-96

NOTES CHKD. [illegible] DATE SEP 27 '65

76P526 CE # 308 3-61

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

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

Do not extend notes this side of this line.

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

SURVEY BY W. J. YOUNG WEATHER Over Cast INST. NO. 78234

NOTES BY M. E. YECKEY DATE 19 Aug 65 TIME 10:22 AM ROD NO. 35-96

INDEXED G. J. GALL DATE NOTES CHKD. [illegible] DATE SEP 27 '65

F.B. 3746 Pg. 233

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS From BM 33-4 To BM 33-5
BM 33-4							BM 33-4 Downey Ave & Del Amo Blvd, per FB 1353-166
1.	191 410	4925	206 176 30	178 225	4795	193 163 30	
2.	167 302	4685	192 142 50	149 260	4505	174 124 50	
3.	166 115	4675	191 140 51	137 890	4385	162 112 50	
4.	135 957	4365	160 110 50	172 500	4735	197 147 50	
5.	172 ~~173~~ 130	4735	197 147 50	153 080	4515	178 128 50	(For return run see PG-234)
6.	164 615	4655	189 139 50	152 255	4535	177 127 50	
7.	156 521	4575	181 131 50	149 387	4505	174 124 50	
8.	167 539	4685	192 142 50	165 980	4665	190 140 50	
9.	151 521	4525	172 ~~153~~ 42 130 ~~22~~	194 206	4955	215 42 173 ~~32~~	B.M. 33-5 Del Amo Blvd & Paramount Blvd Per F.B. 1353-167
	1473.110		423	1452.783		422	
	E of run from BM 33-4 to BM 33-5			Total B.S. = 1473.110			B.S. stadia = 423
				" F.S. = 1452.783			F.S. " = 422
				Diff in Elev = +20.327			Total " = 845

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 33-5 TO BM 33-4
BM 33-5									BM 33-5 Del Amo Blvd. & Paramount Blvd., per FB 1353-167
1.	190	597 ~~596~~	491 5	212 169 43	148	439	449 5	169 127 42	
2.	167	927	468 5	192 142 50	169	100	470 5	194 144 50	
3.	152	931	453 5	177 127 50	145	608	446 5	170 120 50	
4.	138	318	439 5	163 113 50	165	130	466 5	190 140 50	
5.	153	729	454 5	178 128 50	149	109	450 5	174 124 50	
6.	148	233	449 5	173 123 50	150	437	451 5	175 125 50	
7.	149	690	450 5	174 124 50	148	368	449 5	173 123 50	for foward run see Pg. 233
8.	134	850	435 5	159 109 50	167	749	468 5	192 142 50	
9.	182	071	483 5	198 167 31 ~~2~~ 424	194	812	495 5	210 179 31 423	BM 33-4 Downey Ave & Del Amo Blvd. per FB 1353-166
	~~1418~~	~~076~~			1438.752				
	1418	346							

Σ of run from BM 33-5 to BM 33-4

Total BS = 1418.~~076~~ 346

" FS = 1438.752

Diff. in elev = -20.~~676~~ 406

BS Stadia = 424

FS " = 423

~~Total~~ " = 847

F.B. 3746 PG. 234

SURVEY OF LACo Precise Level Net

SURVEY BY Vogt NOTES Vogt

INDEXED G. J. GALLI DATE

JOB NO. C301.02

WEATHER clear INST. NO. 75234

TIME 9:00 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 27 '65

76P526 CE # 308 3-61

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

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 W. J. YOGE
NOTES BY M.E. Wacker DATE 19-Aug 1965
INDEXED C. J. GALLT DATE
WEATHER over cast INST. NO. 75234
TIME 11:10 A.M. ROD NO. 95-96
NOTES CHKD [illegible] DATE SEP 27 '65
F.B. 3746 PG. 235

STATION	BACKSIGHT RIGHT	MIC.	LEFT.	STADIA	FORESIGHT RIGHT	MIC.	LEFT.	STADIA	DESCRIPTION AND REMARKS FROM BM33-5 TO BM33-7
BM33-5									BM 33-5 Del Amo Blvd. & Paramount Blvd, per FB 1353-167
1.	212	900	513 5	237 187 50	149	850	450 5	174 124 50	
2.	147	537	448	172 122 50	150	458	451 5	175 125 50	
3.	177	291	478 5	202 152 50	56	555	357 5	81 31 50	
4.	275	420	576 5	300 250 50	138	511	439 5	163 113 50	
5.	114	898	415 5	139 89 50	168	832	469 5	193 143 50	(For return run see PG-236)
6.	166	590	467 5	191 141 50	141	825	442 5	166 116 50	
7.	158	588	459 5	175 141 34	149	098	450 5	165 132 33	
8.	141	982	442 5	161 121 40	233	306	534 5	252 214 38	BM 33-7 Del Amo Blvd + Cherry Ave Per F.B. 3705-261
	1395	206		374	~~1888~~ ~~435~~ 1188	435		371	

Total B.S. = 1395.206
" FS = 1188.435
Diff. in elev = ~~[illegible]~~ +206.771

E of run from BM. 33-5 to BM. 33-7

~~Total B.S. = 1395.206~~
~~" F.S. = 1888.435~~
~~Diff in Elev = -493.229~~

B.S. stadia = 374
F.S. " = 371
Total " = 745

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR 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 BM33-7 TO BM33-5
BM33-7									BM 33-7 Cherry & Del Amo Blvd, per FB 3705-261
1.	230	739	531 5	249 / 211 38	138	739	439 5	157 / 119 38	
2.	152	450	453 5	168 / 135 33	163	067	464 5	180 / 146 34	
3.	147	744	448 5	172 / 122 50	172	106	473 5	197 / 147 50	
4.	171	341	472 5	196 / 146 50	118	267	419 5	143 / 93 50	
5.	144	038	445 5	169 / 119 50	279	476	580 5	279 / 254 50 / 25x2	for toward run see pg. 235
6.	55	871	356 5	80 / 30 50	173	852	474 5	198 / 148 50	
7.	128	582	429 5	153 / 103 50	161	208	462 5	186 / 136 50	
~~8.~~	~~188~~	~~237~~	~~489 5~~	~~211 / 165 46~~	~~218~~	~~843~~	~~519 5~~	~~247 / 189 58~~	
8.	182	248	483 5	208 / 156 52	212	788	513 5	239 / 185 54	BM 33-5 Del Amo Blvd. & Paramount Blvd, per FB1353-167
	1213.013			373	1419.503			376	

Σ of run from BM 33-7 to BM 33-5

Total B.S. = 1213.013
" F.S. = 1419.503
Diff. in elev = -206.490

BS Stadia = 373
FS " = 376
Total " = 749

F.B. 3746 Pg. 236

SURVEY OF LA Co Precise Level Net

SURVEY BY Voge NOTES Voge

INDEXED C. J. GALLO DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 2:15 PM ROD NO. 95896

NOTES CHKD. [illegible] DATE SEP 27 '65

76P526 CE # 308 3-61

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

N[illegible]: 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.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. VOGE
NOTES BY M. E. Wacker DATE 19 Aug 1965 WEATHER Clear INST. NO. 75234
INDEXED [illegible] DATE TIME 1:05 PM ROD NO. 95-96
NOTES CHKD [illegible] DATE SEP 27 '65
F.B. 3746 PG 237

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS FROM BM 33-7 TO BM 33-8
BM 33-7									BM 33-7 Del Amo Blvd & Cherry Ave, per FB 3705-261
1.	269	807	5705	294 / 244 50	148	751	449 5	172 / 122 50	
2.	168	620	469 5	193 / 143 50	98	041	399 5	123 / 73 50	
3.	168	697	469 5	193 / 143 50	145	338	446 5	170 / 120 50	
4.	170	750	471 5	195 / 145 50	138	598	439 5	163 / 113 50	
5.	165	042	466 5	190 / 140 50	149	857	450 5	174 / 124 50	For return run see PG-238 & 245
6.	158	730	459 5	183 / 133 50	147	400	448 5	172 / 122 50	
7.	157	228	458 5	182 / 132 50	150	408	451 5	175 / 125 50	
8.	157	724	458 5	182 / 132 50	166	368	467 5	191 / 141 50	
9.	143	916	444 5	153 / 132 21	228	916	529 5	238 / 217 21	B.M. 33-8 Orange Ave + Del Amo Blvd Per F.B. 1353-169
	1560.514			421	1373.677			421	

Σ of run from BM. 33-7 to BM. 33-8

Total BS = 1560.514
" FS = 1373.677
Diff. in Elev = +186.837

B.S. stadia = 421
F.S. " = 421
Total " = 842

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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.

INST. NO. 75238 ROD NO. 25-96 DATE SEP 27 '65

WEATHER Clear TIME 1:00 PM NOTES CHKD. [illegible]

JOB NO. 0301.02 NOTES Precise Level Net DATE

SURVEY OF LA Co. SURVEY BY 109 E INDEXED [illegible]

F.B. 3746 PG. 238

STATION	BACKSIGHT Right	Mic.	Left	Stadia	FORESIGHT Right	Mic.	Left	Stadia	DESCRIPTION AND REMARKS From BM 33-8 To BM 33-7
BM 33-8									BM 33-8 Orange Ave & Del Amo Blvd. per FB 1353-169
1.	228	471	529 5	239 218 21	142	193	443 5	153 132 21	
2.	166	230	467 5	191 141 50	159	205	460 5	184 134 50	
3.	153	404	454 5	178 128 50	160	000	461 5	185 135 50	
4.	147	968	448 ~~461~~ 5	172 122 50	159	603	460 5	184 134 50	
5.	151	903	452 5	176 126 50	166	357	467 5	191 141 50	
6.	137	093	438 5	162 112 50	170	062	471 5	195 145 50	for toward run See pg. 237 & 246
7.	146	531	447 5	171 121 50	168	885	469 5	193 143 50	
8.	98	384	399 5	123 73 50	169	151	470 5	194 144 50	
9.	147	118	448 5	173 122 51	268	041	569 5	293 243 50	BM 33-7 Del Amo Blvd & Cherry Ave., per FB 3705-261
	1377	102		422	1563	497		421	

Σ of run from BM 33-8 to BM 33-7

Total BS = 1377.102
" FS = 1563.497
Diff. in elev = -186.395

BS Stadia = 422
FS " = 421
Total " = 843

76P526 CE # 308 3-61

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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Do not extend notes this side of this line.

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

SURVEY BY W. J. YOGE

NOTES BY M. E. [illegible] DATE 19-Aug-1965

INDEXED [illegible] DATE

WEATHER Clear

TIME 1:45 P.M.

NOTES CHKD [illegible]

INST. NO. 75234

ROD. NO. 95896

DATE SEP 27 '65

F.B. 3746 PG. 239

STATION	BACKSIGHT RIGHT	BACKSIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT	FORESIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
									FROM BM33-8 TO BM33-9
BM33-8									BM33-8 Orange Ave & Del Amo Blvd, per FB1353-169
1.	191	717	492 5	218 / 164 54	101	560	402 5	126 / 74 52	
2.	171	900	472 5	196 / 146 50	147	121	448 5	172 / 122 50	
3.	168	222	469 5	192 / 143 49	142	337	443 5	167 / 116 51	
4.	166	588	467 5	191 / 141 50	148	249	449 5	173 / 123 50	
5.	165	120	466 5	190 / 140 50	145	240	446 5	170 / 120 50	(For return run see PG-240)
6.	163	228	464 5	188 / 138 50	162	200	463 5	187 / 137 50	
7.	121	088	422 5	146 / 96 50	234	767	535 5	259 / 209 50	
8.	130	920	431 5	146 / 114 32	235	383	536 5	250 / 219 31	
9.	138	338	439 5	163 / 113 50	120	677	421 5	145 / 95 50	
10.	162	894	463 5	174 / 149 25	107	999	408 5	120 / 95 25	
11.	226	541	527 5	230 / 222 08	131	265	432 5	135 / 126 09	B.M. 33-9
	1806	556		468	1676	798		468	U.P.R.R. Bridge & Atlantic Ave Per F.B. 1353-170
	E of run from B.M. 33-8 to B.M. 33-9				Total BS = 1806.556				B.S. stadia = 468
					" FS = 1676.798				F.S. " = 468
					Diff in Elev = +129.758				Total " = 936

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

INST. NO. 75234 ROD NO. 75-96 DATE SEP 27 '65

WEATHER clear TIME 1:00 PM NOTES CHKD. [illegible]

JOB NO. 0301.02 NOTES Precise Level Net DATE

SURVEY OF CA Co SURVEY BY Voge INDEXED C. A. GALL

F.B. 3746 PG. 240

STATION	BACKSIGHT RIGHT MIC.	BACKSIGHT LEFT.	BACKSIGHT STADIA	FORESIGHT RIGHT MIC.	FORESIGHT LEFT.	FORESIGHT STADIA	DESCRIPTION AND REMARKS
							FROM BM 33-9 TO BM 33-8
BM 33-9							BM 33-9 Desc. see FB 1353-170
1.	12 078	313 5	30 12 36 18+2	170 293	471 5	188 152 36	
2.	106 898	407 5	130 82 48	67 269	368 5	94 40 54	
3.	187 583	488 5	204 170 34	131 440	432 5	146 116 30	
4	234 739	535 5	259 209 50	121 558	422 5	146 96 50	
5	161 806	462 5	186 136 50	163 548	464 5	188 138 50	
6.	145 801	446 5	170 120 50	165 931	466 5	190 140 50	
7.	148 915	449 5	173 123 50	168 260	469 5	193 143 50	
8	146 487	447 5	171 121 50	171 187	472 5	196 146 50	
9	144 660	445 5	169 119 50	169 099	470 5	194 144 50	
10	117 903	418 5	144 90 54	207 806	508 5	234 180 54	BM 33-8
	+ 1406.870		472	~~[illegible]~~		474	Desc - See F.B. 1353-169
	~~1378.585~~			− 1536.391		472	
	~~[illegible]~~			+ 1406.870		Total St. 946	
			diff in elev.	−129.521			

76P526 CE # 308 3-61

PLEASE RETURN TO
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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 W. J. Yoge
NOTES BY M.E. Hacker DATE 19-Aug-1965 TIME 2:30 PM WEATHER Clear
INDEXED C.L. Gall DATE NOTES CHKD DATE SEP 27 '65
INST. NO. 75-35396 ROD NO. 75-35396
F.B. 3746 PG. 74

STATION	BACKSIGHT Right Mic.	BACKSIGHT Left.	BACKSIGHT Stadia	FORESIGHT Right Mic.	FORESIGHT Left.	FORESIGHT Stadia	DESCRIPTION AND REMARKS
							From BM33-9 To BM8-52
BM33-9							BM33-9 U.P.RR bridge & Atlantic Ave, per FB 1353 - 170
1.	119 503	4205	144 / 94 50	125 999	4265	150 / 100 50	
2.	97 785	3985	122 / 72 50	126 420	4275	151 / 101 50	
3.	110 211	4115	135 / 85 50	127 747	4285	152 / 102 50	
4.	130 000	4315	155 / 105 50	143 158	4445	168 / 118 50	
5.	134 710	4355	159 / 109 50	132 078	4335	157 / 107 50	(For return run see PG-242)
6.	116 348	4175	141 / 91 50	127 583	4285	152 / 102 50	
7.	112 990	4135	137 / 87 50	211 038 ~~[illegible]~~	5125 ~~[illegible]~~	236 / 186 50	
8.	147 655	4485	162 / 132 30	289 527	5905	289 / 273 32 (16x2)	
9.	148 085	4495	168 / 129 39	293 730	5945	293 / 273.40 (30x2)	
10.	42 190 ~~230~~	343 5	58 / 27 31	295 230	5965	295 / 272 32 (16x2)	B.M. 8-52 Arbor st. + Long Beach Blvd. Per F.B. 1209 - HH
	1159 477 ✓		450	1872 510 ✓		454	
	E of run from BM. 33-9 to BM. 8-52			Total B.S. = 1159 477 ✓			B.S. Stadia = 450 ✓
				" F.S. = 1872 510 ✓			F.S. " = 454 ✓
				Diff in Elev = -713 033 ✓			Total " = 904 ✓

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 8-52 TO BM 33-9
BM 8-52									BM 8-52 Desc.- FB 1209-44
1.	180	772	481 5	187 174 13	101	081	402 5	108 95 13	
2.	260	399	561 5	262 257 5	51	213	352 5	53 48 5	
3.	270	867	571 5	272 268 4	31	907	332 5	33 29 4	
4.	211	~~678~~ 668	512 5	236 185 51	106	968	407 5	131 80 51	for foward run see pg. 241
5.	~~160~~ 161	079	462 5	191 132 59	147	928	448 5	177 118 59	
6.	157	888	458 5	185 129 56	189	473	490 5	217 162 55	
7.	201	248	502 5	233 168 65	154	821	455 5	187 122 65	
8	170	938	471 5	201 140 61	187	663	488 5	217 156 61	
9.	220	899	521 5	259 182 77	151	748	452 5	188 114 74	BM 33-9 Desc.- FB 1353-170
+	1835	758		391	1122	802		387	
−	1122	802						391	
diff in elev. +	712	956	Cm.				Total stadia	7787	M.

F.B. 3746 PG. 242

SURVEY OF LA Co Precise Level Net

SURVEY BY Vogel NOTES Vogel

INDEXED C. J. GAIN DATE

JOB NO. 0301.02

WEATHER Overcast INST. NO. 75234

TIME 10:30 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 27 '65

76P526 CE # 308 3-61

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

N[illegible]: 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 8-52 TO BM 8-53
BM 8-52									BM 8-52 Arbor St. & Long Beach Blvd., per FB 1209-44
BM 8-53	175	215	476 5	183 168 15	59	845	360 5	66 51 15	BM 8-53 Arbor St. & Long Beach Blvd., per FB 1209-44
									for return run see pg. 244
	Σ of run from BM 8-52 to BM 8-53								
				Total BS =			175.215		BS. Stadia = 15
				" FS =			59.845		FS. " = 15
				Diff. in elev. = +			115.370		Total " = 30

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY W. J. Vege WEATHER Clear INST. NO. 75234
NOTES BY M.E. G. J. Becker DATE 19-Aug-1965 TIME 3:35 P.M. ROD NO. 95196
INDEXED DATE NOTES CHKD. [illegible] DATE SEP 27 '65

F.B. 3746 PG. 243

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST 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. 3746 PG. 244 JOB NO. 030.02

SURVEY OF LA Co Precize Level Net

SURVEY BY Yoyc NOTES Yoyc

INDEXED C. J. GALLI DATE

WEATHER overcast INST. NO. 75236

TIME 10:22 AM ROD NO. 95-96

NOTES CHKD [illegible] DATE SEP 27 '85

STATION	BACKSIGHT			FORESIGHT			DESCRIPTION AND REMARKS
	RIGHT MIC.	LEFT.	STADIA	RIGHT MIC.	LEFT.	STADIA	FROM BM 8-53 TO BM 8-52
BM 8-~~52~~53							BM 8-53
							Desc. FB 1209-44
BM 8-52	060 038	361 5	68/32/~~46~~ 16	175 459	476 5	183/167 16	BM 8-52
				060 038		16/32	Desc. FB 1209-44
				-115 421			
~~1~~							for forward run
~~2~~							See Pg. 243
~~3~~							
~~4~~							
~~5~~							
~~6~~							
~~7~~							
~~8~~							

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				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM33-8 TO BM 33-7
BM33-8									BM 33-8 Desc - See FB 1353-169
1.	213	955	514 5	223 / 203 20	128	102	429 5	138 / 118 20	
2.	149	068	450 5	174 / 124 50	141	337	442 5	166 / 116 50	
3.	150	920	451 5	175 / 125 50	157	912	458 5	182 / 132 50	
4.	148	558	449 5	173 / 123 50	159	908	460 5	184 / 134 50	for toward run See Pg. 237 & 246
5.	151	365	452 5	176 / 126 50	166	332	467 5	191 / 141 50	
6.	140	013	441 5	165 / 115 50	172	562	473 5	197 / 147 50	
7.	145	808	446 5	170 / 120 50	168	765	469 5	193 / 143 50	
8.	100	914	401 5	125 / 75 50	171	208	472 5	196 / 146 50	
9.	149	335	450 5	174 / 123 51	270	190	571 5	294 / 245 49	BM 33-7 Desc. - See FB 3705-261
	1349	936 ✓		421	1536	316 ✓		419	
					1349	936 ✓		421 ✓	
					-186	380 ✓		840 ✓	

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

SURVEY BY W J Vege

NOTES BY Vege DATE 9-13-65

INDEXED B. J. GALLI DATE

WEATHER clear

TIME 9:00 AM

NOTES CHKD [illegible] DATE SEP 27 '65

INST. NO 25234

ROD NO. 95-96

F.B. 3746 PG. 245

PLEASE RETURN TO

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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

Do not extend notes this side of this line.

STATION	BACKSIGHT				FORESIGHT				DESCRIPTION AND REMARKS
	RIGHT	MIC.	LEFT.	STADIA	RIGHT	MIC.	LEFT.	STADIA	FROM BM 33-7 TO BM 33-8
BM 33-7									BM 33-7 Desc - See FB. 3705-261
1.	270	041	571 5	295 245 50	147	560	448 5	173 121 52	
2.	168	991	469 5	193 143 50	99	464	400 5	124 74 50	
3	168	856	469 5	193 143 50	146	588	447 5	171 121 50	
4.	173	369	474 5	198 148 50	140	180	441 5	165 115 50	
5.	165	122	466 5	190 140 50	150	632	451 5	175 125 50	for return run see pg. 245 & 238
6.	161	218	462 5	186 136 50	149	255	450 5	174 124 50	
7.	160	432	461 5	185 135 50	154	303	455 5	179 129 50	
8.	142	279	443 5	167 117 50	149	339	450 5	174 124 50	
9.	128	325	429 5	138 118 20	214	588	515 5	224 204 20	BM 33-8 Desc. See FB 1353-169
	1538	633 ✓		420	1351	909 ✓		422	
	1351	909 ✓						420 ✓	
	+186	724 ✓						-842 ✓	

F.B. 3746 PG. 246

SURVEY OF LA Co Precise Level Net

SURVEY BY Yoge NOTES Yoge

INDEXED C. J. [illegible] DATE

JOB NO. 0301.02

WEATHER clear INST. NO. 75234

TIME 11:00 AM ROD NO. 93-96

NOTES CHKD [illegible] DATE SEP 27 '65

FORM CE 310 6-62

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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.

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

Survey of
JN Tape Std °F
Surveyed by
Notes Date
Indexed

F. B. PG.

F. B. _____ PG _____