

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST



COVINA QUAD

1970 ADJUSTMENT

PREFACE

The Road Department level net is composed of more than 1,000 miles of levels supporting in excess of 10,000 bench marks. In 1964-65, a major readjustment of the net was undertaken. To emphasize the complete break with previous elevations, the SY, SG & SL series bench marks have been re-labeled BY, BG & BL, respectively.

To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory was divided into 31 quads or areas. For identification purposes each quad was given a name, viz., "Rosemead," "La Mirada," "Santa Fe," etc. When bench marks and elevations in the Road Department net are used, the name of the quad in which the bench mark is located and the date of the adjustment of the elevation must be included in the bench mark description, e.g.,

BG 1887 --L+BN IN CONC HDWL OF DRAIN PIPE UNDER DR 218 FT
NE +18 FT SE C/L INT GRAND AVE +CAMERON AVE MKD (BM)
(COVINA --1965) ELEV. 696.238

It is expected that this general adjustment will, for the most part, remain sound for the next 8 to 12 years. As new circuits are completed, however, re-adjustment of individual quads may become advisable. It is expected that these subsequent adjustments will be in the nature of a few hundredths of a foot. When a quad is re-adjusted, new elevation lists will be published and the date of the re-adjustment will replace the "1965" at the end of the bench mark description. Two bench marks in the same quad with different adjustment dates will not normally join each other. Since all adjustments taper out to nothing at the periphery of the quad, any bench mark in one quad will join any bench mark in another quad regardless of their respective adjustment dates.

The basic accuracy of the net is reflected by an indicated field probable error of plus or minus 0.012 foot per mile of leveling as determined from 298 conditions of closure. However, many years experience in vertical control in the greater Los Angeles basin and Antelope Valley indicate that because of varying degrees of subsidence and heaving, the true datum is recovered only by obtaining substantial agreement of a number of bench marks.

The users of this net are invited to assist in its maintenance by notifying this Department of cases of obliteration, apparent mistakes in descriptions or elevations, and proven disturbance of bench marks.

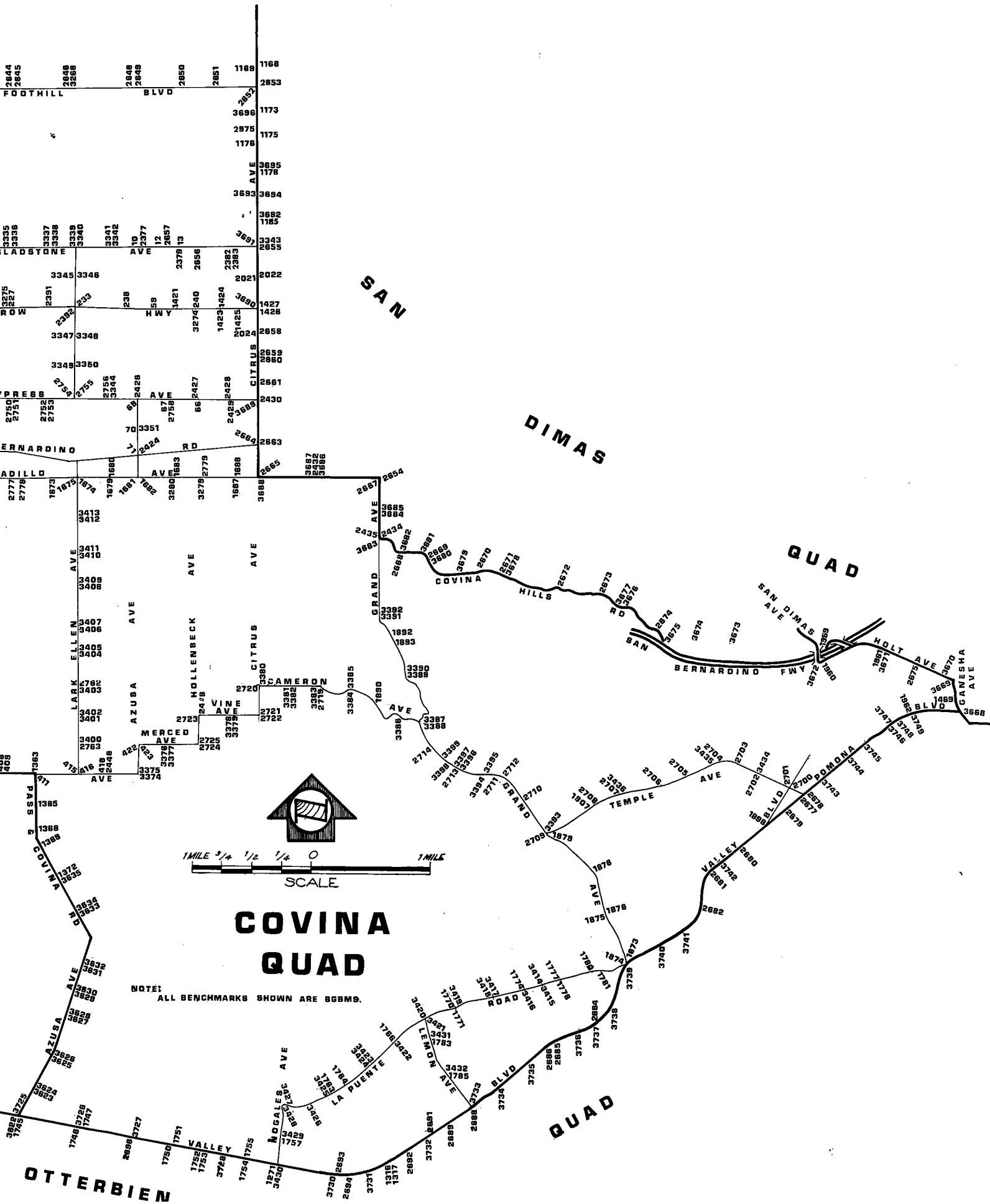
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net, 1963 Adjust-
ment.

ABBREVIATIONS USED IN BENCH MARK LISTINGS

| | | | |
|---------------------|---------------------------|----------------------|---------------------------------------|
| ABUT - - - - - | Abutment | EC - - - - - | End of Curve |
| ALG - - - - - | Along | ENT - - - - - | Entrance |
| ANG PT - - - - - | Angle Point | FL - - - - - | Floor |
| B/W - - - - - | Back of Walk | FTG - - - - - | Footing |
| BCR - - - - - | Beginning of Curb Return | F/W - - - - - | Front of Walk |
| BC - - - - - | Beginning of Curve | GAR - - - - - | Garage |
| BLDG - - - - - | Building | HDWL - - - - - | Headwall |
| EM - - - - - | Bench Mark | HSE - - - - - | House |
| BT SPK - - - - - | Boat or Bolt Spike | INT - - - - - | Intersection |
| BR CAP - - - - - | Brass or Bronze Cap | IP - - - - - | Iron Pipe |
| C B - - - - - | Catch Basin | LT - - - - - | Left |
| CTR - - - - - | Center | LACE - - - - - | L. A. City Engineer |
| C/L - - - - - | Center Line | LACS - - - - - | L. A. County Engineer |
| C/L INT - - - - - | Center Line Intersection | LAFC - - - - - | L. A. Co. Flood Control |
| C/L PROD - - - - - | Center Line Produced | L+BN - - - - - | Lead and Bench Nail |
| CONC - - - - - | Concrete | L+BR - - - - - | Lead and Brad |
| COR - - - - - | Corner | L+N - - - - - | Lead and Nail |
| COE - - - - - | Corps of Engineers | L+RDEM TAG - - - - - | Lead and Road Dept. Bench Mark Tag |
| CULV - - - - - | Culvert | L+SPK - - - - - | Lead and Spike |
| CB - - - - - | Curb | L+T - - - - - | Lead and Tack |
| CS MON - - - - - | County Engineer Monument | MCR - - - - - | Middle of Curb Return |
| CS BR CAP - - - - - | County Engineer Brass Cap | MKD - - - - - | Marked |
| CT SPK - - - - - | Cut Spike | MC - - - - - | Middle of Curve |
| DR - - - - - | Drive or Driveway | MON - - - - - | Monument |
| E/O - - - - - | East of | N/O - - - - - | North of |
| ECR - - - - - | End of Curb Return | NR - - - - - | Near |

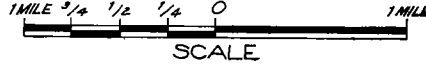
ABBREVIATIONS USED IN BENCH MARK LISTINGS . . . CONTINUED

OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK+W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDEM - - - - - Road Dept. Bench Mark
RR - - - - - Railroad
RT - - - - - Right
R/W - - - - - Right of Way
SDMH - - - - - Storm Drain Manhole
SMH - - - - - Sewer Manhole
SPK - - - - - Spike
ST+W - - - - - Spike Tin and Washer
S/O - - - - - South of
TP - - - - - Telephone Pole
USC+GS - - - - - U. S. Coast and Geodetic Survey
USGS - - - - - U. S. Geological Survey
WK - - - - - Walk
W/O - - - - - West of



COVINA QUAD

NOTE: ALL BENCHMARKS SHOWN ARE BGMMS.



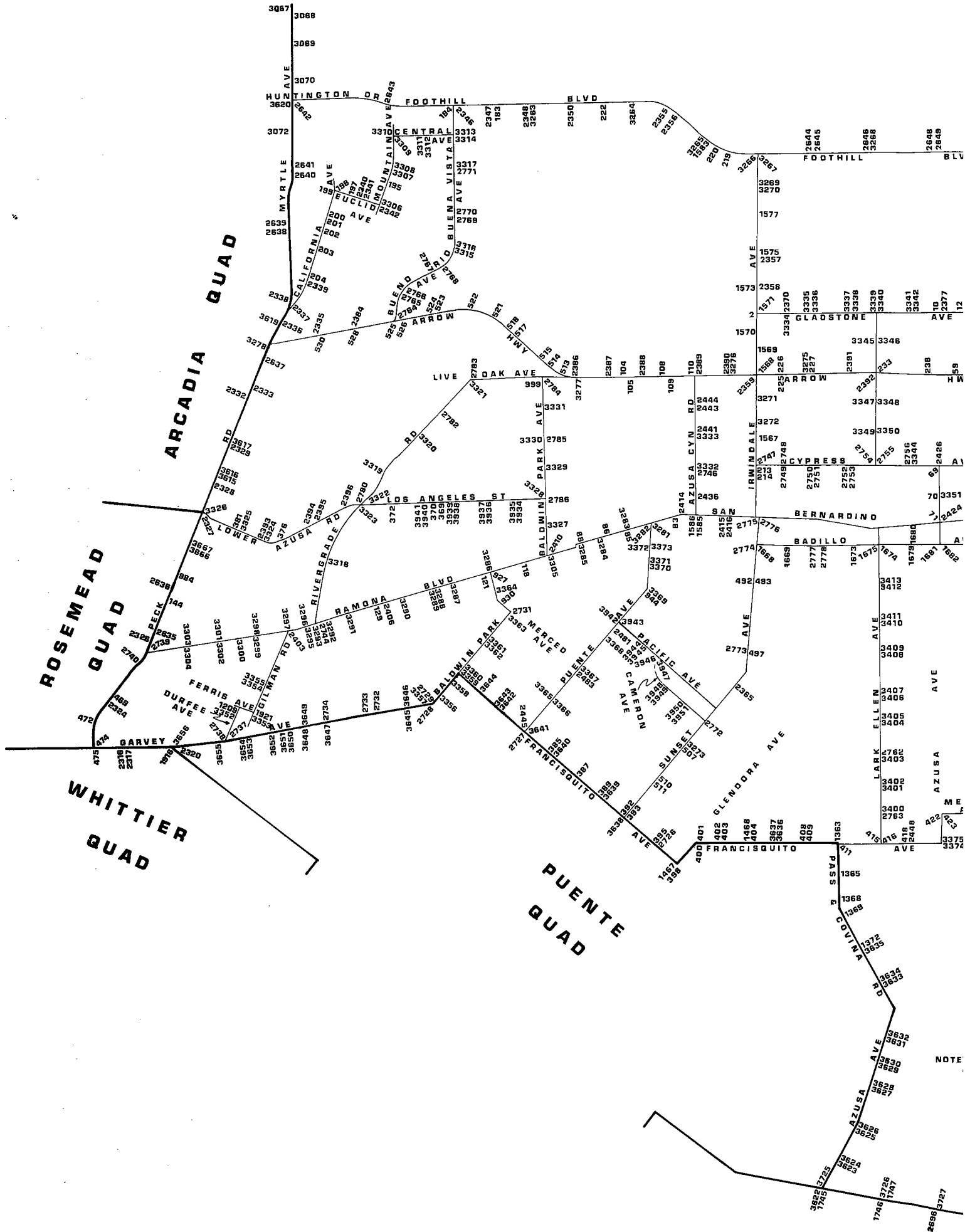
OTTERBIEN

QUAD

QUAD

SAN

DIMAS



OTTERBIE

NOTE

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|------------------|---------|--|-----------|
| COVINA (1970) | 497.977 | L+T W CB IRWINDALE AVE 60FT OUT GLADSTONE ST 30FT N END OF CB | BG 2 |
| COVINA (1970) | 517.968 | L+BN N CB 1FT W BCR @ NW COR GLADSTONE ST + AZUSA AVE 30FT N + 70FT W C/L INT | BG 10 |
| COVINA (1970) | 536.791 | L+T W CB 1FT N BCR @ NW COR GLADSTONE ST + PASADENA AVE 66FT N + 20FT W C/L INT | BG 12 |
| COVINA (1970) | 551.633 | CS REF MON 6IN DN IN ISLAND @ NE COR GLAD- STONE ST + CERRITOS AVE 40FT N + 115FT E C/L INT MKD (GLENORA RM NO1) | BG 13 |
| COVINA (1970) | 530.552 | L+T CTR CB RET @ SW COR ARROW HWY + ARMEL DR | BG 59 |
| COVINA (1970) | 529.211 | SQ HD SPK W CB 3FT N BCR @ SW COR CYPRESS ST + HOLLENBECK AVE 65FT S + 35FT W C/L INT | BG 66 |
| COVINA (1970) | 514.431 | L+T 15FT W BCR @ SW COR ELSPETH WAY + CYPRESS ST | BG 67 |
| COVINA (1970) | 501.281 | RDBM TAG W CB 2FT S BCR @ SW COR CYPRESS ST + AZUSA AVE 42FT W + 69FT S C/L INT | BG 69 |
| COVINA (1970) | 493.726 | RDBM TAG W CB 23FT S SPRR TRACK 43FT W C/L AZUSA AVE + 1000FT S CYPRESS ST | BG 70 |
| COVINA (1970) | 492.061 | L+FLAT SPK E CB 45FT S BCR @ SE COR AZUSA AVE + SAN BERNARDINO RD 106FT S 43FT E C/L INT | BG 71 |
| COVINA (1970) | 403.277 | L+N IN CTR E CB RET OF ENT OUT COVINA WATER CO 31FT S C/L SAN BERNARDINO RD | BG 83 |
| COVINA (1970) | 389.059 | L+BN NE COR CONC SLAB OF BLDG 51FT S C/L E RAMONA BLVD + 4FT E C/L PROD PARK PL MKD (BM) | BG 85 |
| COVINA (1970) | 382.244 | L+N IN W CB DOWNING AVE 95F OUT OF E ROMONA BLVD S OF ALLEY | BG 86 |
| COVINA (1970) | 375.834 | L+T IN CTR CB RET NW COR MAINE OUT RAMONA BLVD N OF PERR | BG 88 |
| COVINA (1970) | 440.935 | CS MON IN WELL 8IN DN @ C/L INT ARROW HWY + HEINTZ ST MKD (AZUSA F18) | BG 104 |
| COVINA (1970) | 442.184 | CS REF MON FLUSH IN CONC SLAB ON SE COR ARROW HWY + HEINTZ ST 55FT S + 35FT E C/L INT MKD (AZUSA F18) | BG 105 |
| COVINA (1970) | 453.842 | L+T IN CONC RET WALL S SIDE ARROW HWY 45FT E OF GATE TO HSE NO 15250 | BG 108 |
| COVINA (1970) | 455.060 | L+T NE COR CONC STEP FRONT OF OUT NO 15260 45FT S C/L ARROW HWY | BG 109 |
| COVINA (1970) | 458.802 | L+BN CONC FOOTING OF FEN COR @ NW COR ARROW HWY + AZUSA CN RD 48FT N + 18FT W C/L INT MKD (BM) | BG 110 |
| COVINA (1970) | 357.094 | RDBM TAG S CB 1FT W BCR @ SW COR OUT RAMONA BLVD + STEWART AVE 41FT W + 35FT S C/L INT | BG 118 |
| COVINA (1970) | 347.822 | L+T 1FT N BCR @ SW COR IDAHO ST OUT W RAMONA BLVD | BG 121 |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|--------------------|---------|--|-----------|
| COVINA (1970) | 325.752 | RDBM TAG 1FT S BCR @ SW COR RAMONA BLVD SAN FRANCISQUITO AVE 65FT S + 30FT W INT OUT | BG 129 |
| BASELINE (1965) | 308.608 | L+T @ SW COR DRIVEWAY 48FT E C/L PECK RD + 100FT S C/L BAYE ST | BG 144 |
| COVINA (1970) | 506.327 | L+N 3FT S BCR @ SE COR BRYCEDALE AVE + HUNTINGTON DR | BG 183 |
| COVINA (1970) | 509.732 | BT SPK W CB 40FT S BCR @ HUNTINGTON DR + BUENA VISTA ST 108FT S + OUT C/L INT | BG 184 |
| COVINA (1970) | 440.266 | L+T IN E CB 6FT N BCR @ NE COR MOUNTAIN AVE + HURST VIEW ST | BG 195 |
| COVINA (1970) | 419.239 | L+T IN CONC DRWY TO HSE NO 2003 @ SW COR EUCLID AVE + WESLEY GROVE AVE | BG 197 |
| COVINA (1970) | 419.943 | L+T IN SE COR DRWY OF HSE NO 2003 @ SW COR FLAGSTONE AVE + EUCLID AVE | BG 198 |
| COVINA (1970) | 424.312 | L+T IN W CB CALIFORNIA AVE 15FT N C/L PROD EUCLID AVE | BG 199 |
| COVINA (1970) | 400.569 | L+T IN CTR CB RET NW COR JOELLA ST + CALIFORNIA AVE | BG 200 |
| COVINA (1970) | 396.870 | L+T IN CTR CB RET @ NW COR EL SUR ST + CALIFORNIA AVE | BG 201 |
| COVINA (1970) | 393.271 | L+T IN CTR CB RET @ NW COR MAYDEE ST + CALIFORNIA AVE | BG 202 |
| COVINA (1970) | 388.223 | L+N IN W EDGE FIRST CONC STEP HSE NO 2003 @ NE COR CALIFORNIA AVE + PAMELA ST OUT | BG 203 |
| COVINA (1970) | 375.864 | L+T IN CTR CB RET @ NW COR BRISBANE ST AND CALIFORNIA AVE | BG 204 |
| COVINA (1970) | 433.261 | CS TAG N CB 1FT E BCR @ NW COR IRWINDALE AVE CYPRESS ST 76FT W + 30FT N C/L INT | BG 213 |
| COVINA (1970) | 432.770 | SQ HD SPK S CB 6FT W BCR @ SW COR IRWINDALE AVE + CYPRESS ST 80FT W + 30FT S C/L INT MKD (BM HV 87) | BG 214 |
| COVINA (1970) | 592.667 | L+N IN S CB BRIDGE ON FOOTHILL BLVD OVER SAN GABRIEL RIVER @ SE END OF BRIDGE | BG 219 |
| COVINA (1970) | 590.960 | L+SPK 4FT FROM SW END BRIDGE NO 53-21 ON FOOTHILL BLVD OVER SAN GABRIEL RIVER 1FT FROM CONC RAILING | BG 220 |
| COVINA (1970) | 532.525 | L+T E CB ELMHURST AVE 1FT S BCR @ SE COR HUNTINGTON DR 70FT S + 17FT E C/L INT | BG 222 |
| COVINA (1970) | 474.718 | RDBM TAG CONC DR 70FT N C/L ARROW HWY + 130FT W C/L MORADA ST | BG 225 |
| COVINA (1970) | 472.009 | RD MON IN WELL 8IN DN @ C/L INT ARROW HWY + MORADA ST | BG 226 |
| COVINA (1970) | 474.049 | CS MON IN WELL 10IN DN @ C/L INT ARROW HWY + VINCENT AVE MKD (SEC COR 3 4 9 10 R10W T1S) | BG 227 |
| COVINA (1970) | 484.842 | CS REF MON IN CONC FLUSH @ SE COR LARK ELLEN AVE + ARROW HWY 45FT S + 45FT E C/L INT MKD (RM NO2 AZUSA K-12) | BG 233 |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|--------------------|---------|--|-----------|
| COVINA (1970) | 518.850 | L+BN @ NE COR CONC SLAB OF GAS STATION 7356 53FT S C/L ARROW HWY + 102FT W C/L LOWER AZUSA AVE | BG 238 |
| COVINA (1970) | 546.084 | RDBM TAG E CB 7FT S BCR @ SE COR ARROW HWY + HOLLENBECK AVE 30FT E + 77FT S C/L INT | BG 240 |
| COVINA (1970) | 353.906 | L+T 1FT E BCR @ SE COR FILHURST AVE + LOS ANGELES ST 30FT S + 55FT E C/L INT | BG 369 |
| COVINA (1970) | 351.637 | L+T @ E BCR @ SE COR HARLAN AVE + LOS ANGELES ST 30FT S + 55FT E C/L INT | BG 370 |
| COVINA (1970) | 345.283 | L+T IN 2ND STEP ON W SIDE OF LOADING PLATFORM OF COMMUNITY DAIRY @ NO 13055 LOS ANGELES ST (LOWER AZUSA RD) | BG 372 |
| COVINA (1970) | 324.744 | CS MON IN WELL 9IN DN C/L INT ROSEGLEN ST + LOWER AZUSA RD TO E | BG 376 |
| COVINA (1970) | 326.087 | L+T CONC DR OF HSE NO 11741 40FT N C/L LOWER AZUSA RD + 750FT W LA MADERA AVE MKD (BM) | BG 381 |
| BASELINE (1965) | 336.268 | L+T IN W CB OF WILLOW AVE 1FT N BCR @ NW COR FRANCISQUITO AVE 20FT W + 64FT N C/L INT | BG 385 |
| BASELINE (1965) | 337.533 | RDBM TAG IN N CB FRANCISQUITO AVE 2FT E BCR @ NE COR RAMA DR 30FT N + 57FT E OF C/L INT | BG 387 |
| BASELINE (1965) | 338.506 | PK IN E CB ORANGE AVE 2FT S BCR @ SE COR FRANCISQUITO AVE 66FT S + 18FT E C/L INT | BG 389 |
| BASELINE (1965) | 341.454 | RDBM TAG CB 6FT E C/L PROD N END OF SERVICE RD 50FT S C/L FRANCISQUITO AVE + 55FT W C/L SUNSET AVE | BG 392 |
| BASELINE (1965) | 341.570 | L+BRAD 6FT E BCR 30FT S C/L FRANCISQUITO AVE + 80FT E C/L SUNSET AVE | BG 393 |
| BASELINE (1965) | 343.209 | L+BRAD 3FT E OF CATCH BASIN 30FT S C/L FRANCISQUITO AVE + 55FT W C/L CALIFORNIA AVE | BG 395 |
| BASELINE (1965) | 345.364 | RDBM TAG IN E CB SERVICE ISLAND 75FT S + 40FT E C/L INT FRANCISQUITO AVE + HACIENDA BLVD | BG 398 |
| BASELINE (1965) | 354.082 | CS MON @ C/L INT FRANCISQUITO AVE + HACIENDA BLVD | BG 400 |
| BASELINE (1965) | 356.215 | L + T 2IN E BCR 18FT S + 45FT E C/L INT FRANCISQUITO AVE + GRIFFITHS AVE | BG 401 |
| BASELINE (1965) | 363.135 | L + N @ BCR 44FT S + 18FT W C/L INT FRANCISQUITO AVE + MULLENDER AVE | BG 402A |
| BASELINE (1965) | 363.165 | L + N @ BCR 44FT S + 18FT E C/L INT FRANCISQUITO AVE + MULLENDER AVE | BG 403 |
| BASELINE (1965) | 371.914 | SQ HD SPK IN N CB OF CATCH BASIN @ NE COR FRANCISQUITO AVE + WALNUT AVE 18FT N + 40FT E C/L INT MKD (AZ 202) | BG 404 |
| BASELINE (1965) | 390.237 | CS TRI MON C/L INT FRANCISQUITO AVE + VALINDA AVE N MKD (PUENTE J6) | BG 408 |
| BASELINE (1965) | 392.399 | SQ HD SPK E CB 6FT S BCR @ SE COR FRANCISQUITO AVE + VALINDA AVE 53FT S + 30FT E C/L INT MKD (A2207) | BG 409A |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM | NUMBER |
|--------------------|---------|---|----|--------|
| BASELINE (1965) | 407.072 | L+BN S CB 10FT E BCR 20FT S + 55FT E C/L INT PASS+ COVINA RD + FRANCISQUITO AVE | BG | 411A |
| COVINA (1970) | 429.454 | CS MON @ C/L INT FRANCISQUITO AVE + LARK ELLEN AVE (S EDGE) | BG | 415 |
| COVINA (1970) | 431.821 | RE TAG NO 1797 S CB 3FT W BCR @ SE COR FRANCISQUITO AVE + LARK ELLEN AVE 21FT S + 62 FT E OF C/L INT | BG | 416 |
| COVINA (1970) | 463.544 | L+T N CB 1FT W BCR @ NW COR FRANCISQUITO AVE + GLENVIEW RD 20FT N + 46FT W C/L INT | BG | 418 |
| COVINA (1970) | 466.107 | RAMSET S CB 6FT W BCR @ SW COR AZUSA AVE + MERCED AVE 80FT W + 30FT S C/L INT | BG | 422 |
| COVINA (1970) | 467.504 | NAIL IN CONC POST IN WELL 8IN DN @ C/L INT AZUSA AVE + MERCED AVE | BG | 423 |
| BASELINE (1965) | 283.439 | RD HD NAIL IN 1IN STEEL WASHER @ E BCR + W END OF CATCH BASIN @ NE COR PECK RD + VALLEY BLVD | BG | 469 |
| BASELINE (1965) | 276.824 | L+T IN W CB 3FT S CATCH BASIN @ NW COR PECK RD + MEEKER AVE | BG | 472 |
| BASELINE (1965) | 273.384 | L+T 8FT E OF CONC DR TO GAS STA @ NW COR GARVEY AVE + PECK RD | BG | 474 |
| BASELINE (1965) | 273.320 | L+BN 1FT W BCR @ SW COR GARVEY AVE + PECK RD | BG | 475 |
| COVINA (1970) | 407.276 | L+BN S CB 3FT E BCR 70FT W C/L SUNSET AVE 30FT S C/L PUENTE AVE | BG | 492 |
| COVINA (1970) | 406.690 | BT SPK E CB 20FT S BCR 77FT S C/L PUENTE AVE + 40FT E C/L SUNSET AVE | BG | 493 |
| COVINA (1970) | 391.987 | BT SPK E CB 11FT S BCR @ SE COR SUNSET AVE + WORKMAN AVE 40FT E + 44 FT W C/L INT MKD (BM) | BG | 497 |
| COVINA (1970) | 362.043 | L+PK S CB 60FT E BCR @ SE COR SUNSET AVE + MERCED AVE 30FT S + 135FT E C/L INT | BG | 507 |
| COVINA (1970) | 348.064 | L+N W CB 3FT N BCR @ NW COR SUNSET AVE + FARLINGTON ST 60FT N + 40FT W C/L INT | BG | 510 |
| COVINA (1970) | 347.879 | L+T S CB 1FT W BCR @ SW COR SUNSET AVE + FARLINGTON ST 20FT S + 75FT W C/L INT | BG | 511 |
| COVINA (1970) | 425.990 | L+T S CB TRAFFIC ISLAND 15FT E OF W END 200FT NW C/L INT ARROW HWY + LIVE OAK AVE + 600FT NW OF MAINE AVE + ARROW HWY | BG | 513 |
| COVINA (1970) | 421.932 | L+BN ANG PT OF 6FT CHAIN LINK FEN @ END OF R R TRACK IN CONC PIPE YD 36FT S C/L ARROW HWY + 1500FT W MAINE AVE MKD (BM) | BG | 514 |
| COVINA (1970) | 424.281 | L+BN S EDGE OF CONC PVMT OF SERVICE RD UP SANTA FE DAM 30FT N C/L ARROW HWY | BG | 515 |
| COVINA (1970) | 433.314 | L+T CONC ABUT @ NE COR ARROW HWY BRIDGE OVER SANTA FE DAM SPILLWAY | BG | 517 |
| COVINA (1970) | 433.304 | L+T CONC ABUT @ NW COR ARROW HWY BRIDGE OVER SANTA FE DAM SPILLWAY | BG | 518 |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|--------------------|---------|--|-----------|
| COVINA (1970) | 411.950 | R D MON @ P O S T 300FT E OUT HWY 15FT N C/L + 150FT E EDISON POWERLINE CROSSING | BG 521 |
| COVINA (1970) | 404.619 | L+BN CTR CONC HDWL 33FT N C/L ARROW HWY + 700FT W OF CURVE TO SE NR SANTA FE DAM | BG 522 |
| COVINA (1970) | 391.202 | L+T CONC HDWL 1FT W OF E END OF WALL 30FT N C/L ARROW HWY + 650FT E C/L BUENO RIO DR | BG 523 |
| COVINA (1970) | 390.254 | R D MON 69FT SE PP NO 804653E 40FT SW OF CONC HDWL + 625FT E C/L INT BUENO RIO DR + ARROW HWY | BG 524 |
| COVINA (1970) | 388.115 | R D MON @ C/L INT ARROW HWY + BUENO RIO DR | BG 525 |
| COVINA (1970) | 388.422 | C S MON FLUSH 50FT S C/L ARROW HWY + 10FT E C/L BUENO RIO DR | BG 526 |
| COVINA (1970) | 374.750 | R D MON @ C/L INT ARROW HWY + LIVE OAK AVE | BG 528 |
| COVINA (1970) | 359.576 | L+T IN CONC PVMT 1FT SW C/L INT LONGDEN AVE + LIVE OAK AVE | BG 530 |
| COVINA (1970) | 349.423 | L+BN S CB 1FT E BCR @ SE COR RANDOLPH BLVD + MERCED AVE OUT | BG 927 |
| COVINA (1970) | 346.822 | CS MON @ C/L INT MERCED AVE + FRAZIER ST | BG 930 |
| COVINA (1970) | 377.147 | RD MON @ PI ON PUENTE AVE 55FT NE C/L INT PUENTE AVE + CENTRAL AVE | BG 944 |
| BASELINE (1965) | 313.497 | RDBM TAG E CB 1FT S BCR @ NE COR PECKER LAMBERT AVE 50FT N + 39FT E C/L INT OUT | BG 984 |
| COVINA (1970) | 417.186 | L+BN CONC FOUNDATION COR FENCE POST @ SW COR LIVE OAK AVE + BALDWIN PARH BLVD | BG 999 |
| BASELINE (1965) | 655.439 | CS MON @ C/L INT FOOTHILL BLVD TO E + CITRUS AVE S OUT | BG 1168 |
| BASELINE (1965) | 655.924 | L+T E WALL OF DRAIN 30FT N C/L FOOTHILL BLVD TO E 17FT W C/L PROD CITRUS AVE 25FT N DR TO HSE NO 6843 OUT | BG 1169 |
| BASELINE (1965) | 626.216 | FC BR CAP W RET WALL 75FT N L I E + ALTON WASH + 18FT W C/L CITRUS AVE OUT | BG 1173 |
| BASELINE (1965) | 616.107 | L+BN N CB ALOSTA AVE 33 FT BCR @ NW COR CITRUS AVE 100FT W + 40FT N C/L INT OUT | BG 1175 |
| BASELINE (1965) | 616.544 | L+SPK E CB CITRUS AVE 10FT S BCR @ SE COR ALOSTA AVE 30FT E + 104FT S C/L INT | BG 1176 |
| BASELINE (1965) | 609.285 | RDBM TAG N CB MAUNA LOA AVE 6FT E BCR @ NE COR CITRUS AVE 18FT N + 72FT E C/L INT | BG 1178 |
| BASELINE (1965) | 591.704 | L+BRAD S CB NEARFIELD ST 1FT E BCR @ SE COR CITRUS AVE 64FT E + 18FT S C/L INT | BG 1185 |
| COVINA (1970) | 303.650 | L+T N EDGE CONC WK TO HSE NO 3560 DURFEE AVE 43FT E C/L @ SE COR FERRIS RD (3FT E OF END OF WK) | BG 1209 |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|-----------------|---------|--|-----------|
| BASELINE (1965) | 456.320 | R D MON IN WELL 10 IN DN @ C/L INT VALLEY BLVD + NOGALES ST | BG 1271 |
| BASELINE (1965) | 487.479 | L+BN S SIDE OF CONC BASE OF RR X SIGNAL 12FT S OF S RAIL SPRR + 25FT E C/L WATER ST | BG 1316 |
| BASELINE (1965) | 487.208 | L+BN IN CONC BASE OF RR X SIGNAL 15FT N OF N RAIL SPRR + 20FT W C/L WATER ST + 60FT S C/L VALLEY BLVD MKD (50-57A) | BG 1317A |
| BASELINE (1965) | 405.192 | CS MON IN WELL @ C/L INT PASS + COVINA RD + FRANCISQUITO AVE | BG 1363A |
| BASELINE (1965) | 412.127 | L+BN E CB PASS + COVINA RD 144FT S C/L DOUBLEGROVE ST | BG 1365 |
| BASELINE (1965) | 428.146 | L+BN S CB 2FT E BCR @ SE COR MAPLEGROVE ST + PASS + COVINA RD | BG 1368 |
| BASELINE (1965) | 439.007 | CS MON IN WELL C/L PASS + COVINA RD 400FT SE OF PI S OF MAPLEGROVE ST NR WATER RESERVOIR MKD (BM 37-5 1954 RE 63) | BG 1369 |
| BASELINE (1965) | 426.871 | LACS MON IN WELL 11IN DN @ C/L INT PASS-COVINA RD + OLD AMAR RD EXT (MKD CO SUR MON) | BG 1372 |
| COVINA (1970) | 539.370 | L+BN S CB ARROW HWY SERV RD 170FT E DR TO HSE NO 610 + 585FT W CERRITOS AVE | BG 1421 |
| COVINA (1970) | 561.990 | L+T N CB SERV RD 33FT W BCR @ SW COR FENIMORE AVE + ARROW HWY | BG 1423 |
| COVINA (1970) | 561.810 | L+BN S CB SERV RD 2FT W BCR @ SW COR FENIMORE AVE + ARROW HWY | BG 1424 |
| COVINA (1970) | 569.327 | L+BN S CB ARROW HWY 95FT E OF DR TO HSE NO 18252 670FT W CITRUS AVE | BG 1425 |
| BASELINE (1965) | 578.138 | C S MON @ C/L CITRUS AVE 20FT S C/L ARROW HWY MKD (SEC COR 2 1 11 12 TIS R10W) | BG 1426 |
| BASELINE (1965) | 580.676 | L+T SIDE CONC BASE OF LIGHT STANDARD @ N C/L ARROW HWY + 54FT E C/L CITRUS AVE | BG 1427 |
| BASELINE (1965) | 345.485 | CS MON C/L INT FRANCISQUITO AVE TO W + HACIENDA BLVD | BG 1467 |
| BASELINE (1965) | 370.340 | CS MON 6FT E + 1FT N C/L INT FRANCISQUITO AVE + WALNUT AVE | BG 1468 |
| BASELINE (1965) | 785.441 | MWD BR MON FL IN HDWL 8FT N/O N RAIL SPRR 75FT S C/L MT VERNON AVE + 250FT W C/L BELLEVUE AVE | BG 1469 |
| COVINA (1970) | 438.450 | CS MON IN WELL 12FT E C/L IRWINDALE 0.5 MI S ARROW HWY ON N P/L PROD HSE (BM 16-2 1952 RE 63) | BG 1567 |
| COVINA (1970) | 467.314 | CS MON IN WELL 6IN DN @ C/L INT ARROW HWY + IRWINDALE AVE | BG 1568 |
| COVINA (1970) | 476.138 | L+BN IN CONC BASE OF 3IN FENCE POST 48FT E C/L IRWINDALE AVE 66FT SE OF PP NO 464297E + 600FT N ARROW HWY | BG 1569 |
| COVINA (1970) | 489.989 | L+BN IN CONC FOUNDATION OF COR FENCE ENT TO CONCRETE CONDUIT CO 27FT W C/L IRWINDALE AVE + 700FT S GLADSTONE ST | BG 1570 |

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| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|--------------------|---------|--|-----------|
| COVINA (1970) | 496.928 | CS MON @ NE COR IRWINDALE AVE + 23FT FROM S END + 10FT W OF E COR | BG 1571 |
| COVINA (1970) | 513.553 | BR MON S CB 4FT W BCR @ SW COR IRWINDALE AVE + PARAMOUNT ST 34FT S + 55FT W C/L INT | BG 1573 |
| COVINA (1970) | 526.959 | CS MON IN WELL 29FT E C/L IRWINDALE S OF S CB 1ST ST MKD (BM 11-22 1952) | BG 1575 |
| COVINA (1970) | 547.022 | L+BN IN CONC BASE TO COR POST OF CHAIN LINK FENCE 33FT E C/L IRWINDALE AVE 27FT N + 11FT E OF TP NO 14176Y + 1300FT N 1ST ST | BG 1577 |
| COVINA (1970) | 575.778 | RDBM TAG IN W CB 1FT S BCR @ SW COR HUNTINGTON DR + CROWNHAVEN DR 90FT S + 18FT W C/L INT | BG 1583 |
| COVINA (1970) | 405.461 | L+T IN S CB SAN BERNARDINO RD 30FT S C/L @ C/L PROD AZUSA CANYON RD | BG 1585 |
| COVINA (1970) | 405.631 | L+BN IN W CB 5FT S BCR @ NW COR SAN BERNARDINO RD + AZUSA CANYON RD 60FT N + 21FT W C/L INT | BG 1586 |
| COVINA (1970) | 414.332 | SQ HD SPK N CB 6FT E BCR 75FT N C/L BADILLO ST + 115FT E C/L IRWINDALE AVE MKD (HV 64) | BG 1668 |
| COVINA (1970) | 422.457 | BT SPK E CB 6FT N BCR 108FT N C/L BADILLO ST + 15FT E C/L ELLEN DR MKD (HV 76) | BG 1669 |
| COVINA (1970) | 446.663 | RDBM TAG E CB 57FT N BCR 20FT E C/L CARVOL AVE + 95FT N C/L ELGENIA AVE | BG 1673 |
| COVINA (1970) | 458.430 | RDBM TAG W CB 2FT S BCR 75FT S C/L BADILLO ST + 30FT W C/L LARK ELLEN AVE | BG 1674 |
| COVINA (1970) | 461.749 | L+T CONC WK TO CHURCH @ NE COR BADILLO ST + LARK ELLEN AVE 75FT N + 133FT E C/L INT MKD (BM) | BG 1675 |
| COVINA (1970) | 468.893 | RDBM TAG W CB 24FT S BCR 60FT S C/L BADILLO ST + 18FT W C/L LEAF AVE | BG 1679 |
| COVINA (1970) | 472.088 | RDBM TAG N CB 50FT N C/L BADILLO ST + 200FT E C/L LEAF AVE | BG 1680 |
| COVINA (1970) | 487.889 | L+BRAD W CB 16FT S BCR 48FT W C/L AZUSA AVE + 60FT N C/L BADILLO ST MKD (BM C59) | BG 1681 |
| COVINA (1970) | 488.257 | ST HWY MON IN WELL 8IN DN C/L INT BADILLO ST + AZUSA AVE MKD (L-2) | BG 1682 |
| COVINA (1970) | 504.727 | RDBM TAG E CB 3FT S BCR 18FT E C/L ARMEL DR + 115FT S C/L BADILLO ST | BG 1683 |
| COVINA (1970) | 528.244 | RDBM TAG W CB 18FT S BCR 15FT W C/L FOURTH AVE + 65FT S C/L BADILLO ST | BG 1687 |
| COVINA (1970) | 528.896 | RDBM TAG W CB 14FT N BCR 25FT W C/L FOURTH AVE + 65FT N C/L BADILLO ST | BG 1688 |
| BASELINE (1965) | 379.341 | RD MON IN WELL 7IN DN @ C/L INT VALLEY BLVD + AZUSA AVE PASS + COVINA RD PASS + COVINA RD | BG 1745 |
| BASELINE (1965) | 390.096 | RD MON IN WELL 8IN DN ON C/L INT VALLEY BLVD + HAMBLEDON AVE | BG 1746 |
| BASELINE (1965) | 390.843 | L+T N CB VALLEY BLVD 3FT E BCR @ NE COR HAMBLEDON AVE 36FT N + 47FT E C/L INT | BG 1747 |

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|-----------------|---------|---|-----------|
| BASELINE (1965) | 412.372 | L+BN IN RR SIGNAL BASE 75FT S C/L VALLEY BLVD + 35FT W C/L YORBITA RD | BG 1750 |
| BASELINE (1965) | 410.050 | RDBM TAG CTR CONC HDWL 43FT N C/L VALLEY BLVD + 25FT E C/L YORBITA RD | BG 1751 |
| BASELINE (1965) | 419.859 | RDBM TAG W CB 11FT N BCR 81FT N C/L VALLEY BLVD + 20FT W C/L LA SEDA RD | BG 1752A |
| BASELINE (1965) | 419.960 | L+T E CB 12FT N BCR 82FT N C/L VALLEY BLVD + 20FT E C/L LA SEDA RD | BG 1753 |
| BASELINE (1965) | 429.646 | L+BN E END CONC HDWL 70FT S C/L VALLEY BLVD + 0.2MI E LA SEDA RD MKD (BM 12) | BG 1754 |
| BASELINE (1965) | 432.923 | RDBM TAG N CB 1FT W CATCH BASIN 40FT N VALLEY BLVD + 0.2 MI E LA SEDA RD | BG 1755 |
| COVINA (1970) | 453.903 | L+T CONC SLAB TO FRONT DOOR TO HSE NO 177NOGALES ST 94FT W C/L + 0.25 MI N VALLEY BLVD MKD (BM) | BG 1757 |
| COVINA (1970) | 497.087 | RDBM TAG IN CONC WINGWALL OF CATCH BASIN 25FT N C/L LA PUENTE RD + 0.4 MI E NOGALES ST | BG 1763 |
| COVINA (1970) | 514.589 | RDBM TAG IN CONC WINGWALL OF CATCH BASIN 28FT N C/L LA PUENTE RD + 0.6 MI E NOGALES ST | BG 1764 |
| COVINA (1970) | 572.546 | RDBM TAG IN CONC HDWL OF CULV 24FT N C/L LA PUENTE RD + 1.1 MI E NOGALES ST | BG 1766 |
| COVINA (1970) | 568.841 | RDBM TAG IN W HDWL OF DR TO HSE NO 20205 LA PUENTE RD 16FT N C/L + 0.25 MI E LEMON AVE | BG 1770 |
| COVINA (1970) | 568.877 | RDBM TAG IN E HDWL OF DR TO HSE NO 20205 LA PUENTE RD 16FT N C/L + 0.25 MI E LEMON AVE | BG 1771 |
| COVINA (1970) | 577.795 | L+T IN CONC HDWL @ NW COR LA PUENTE RD + PIERRE RD 25FT N + 30FT W C/L INT MKD (BM) | BG 1774 |
| COVINA (1970) | 603.617 | L+T CONC WK TO HSE NO 524 @ NE COR GARTEL DR + BENIK PL 31FT N + 30FT E C/L INT MKD (BM) | BG 1777 |
| COVINA (1970) | 604.293 | L+T IN CONC DR TO HSE NO 524 @ NE COR GARTEL DR + BENIK PL 20FT N + 76FT E C/L INT MKD (BM) | BG 1778 |
| COVINA (1970) | 621.255 | RDBM TAG IN E END OF CONC HDWL 24FT N C/L LA PUENTE RD + 0.15 MI E GARTEL DR | BG 1780 |
| COVINA (1970) | 616.909 | RDBM TAG NR CTR OF CONC HDWL 24FT N C/L LA PUENTE RD + 0.2 MI W SAN JOSE HILLS RD | BG 1781 |
| COVINA (1970) | 546.717 | RDBM TAG IN N CONC ABUT OF BRIDGE NO 169 16FT W C/L LEMON AVE + 110FT S C/L VEJAR RD | BG 1783 |
| COVINA (1970) | 534.650 | L+T CONC WK TO HSE NO 221 LEMON AVE 92FT W C/L + 250FT S C/L CARREY RD MKD (BM) | BG 1785 |
| BASELINE (1970) | 604.217 | CS MON IN WELL 30IN DN NR CTR TRAFFIC ISL @ INT VALLEY BLVD LA PUENTE RD + GRAND AVE MKD (BM 11-95) | BG 1873A |
| COVINA (1970) | 609.544 | RD MON IN WELL 6IN DN @ PI GRAND AVE 195FT N C/L VALLEY BLVD | BG 1874 |
| COVINA (1970) | 633.888 | RDBM TAG CTR CONC HDWL 30FT W C/L GRAND AVE + 0.45MI N VALLEY BLVD | BG 1875 |
| COVINA (1970) | 638.427 | RD MON IN WELL 8IN DN @ PI GRAND AVE 22FT W C/L + 0.6MI N VALLEY BLVD | BG 1876 |

| QUAD-YEAR | ELEV | DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION) | BM NUMBER |
|--------------------|---------|---|-----------|
| COVINA (1970) | 711.278 | RD MON IN WELL 6IN DN @ PI GRAND AVE 18FT E C/L + 1.1MI N VALLEY BLVD | BG 1878 |
| COVINA (1970) | 722.733 | RD MON IN WELL 4IN DN ON C/L RD TEMPLE AVE 57FT W C/L GRAND AVE | BG 1879 |
| COVINA (1970) | 647.108 | RDBM TAG N CB 90FT E + 12FT N C/L INT CAMERON AVE + PVD ST 0.5MI S BARRANCA ST | BG 1890 |
| COVINA (1970) | 547.740 | L+T W CB 1FT N BCR @ NW COR SUNSET HILL DR + GRAND AVE | BG 1892 |
| COVINA (1970) | 558.627 | L+BN W CB GRAND AVE 40FT W C/L + 400FT S SUNSET HILL DR | BG 1893 |
| BASELINE (1965) | 684.146 | LACS MON IN WELL 12IN DN 110' SW LY + 30FT NW LY C/L INT POMONA BLVD + SPR TRACKS 55FT W OF W RAIL | BG 1898 |
| COVINA (1970) | 729.548 | RDBM TAG @ SE COR BONITA DR + TEMPLE AVE IN CONC FOOTING OF GATE @ ENT TO CATTLE YARD 50FT S + 140FT E C/L INT | BG 1907 |
| BASELINE (1965) | 287.948 | CS MON IN WELL 8IN DN ON C/L VALLEY BLVD + 27FT S C/L GARVEY AVE MKD (EL MONTE J5 RE 2177) | BG 1916 |
| COVINA (1970) | 301.850 | CS MON IN WELL 12IN DN 5FT E + 5FT S C/L INT FERRIS RD + GILMAN RD MKD (EL MONTE L4) | BG 1921 |
| BASELINE (1965) | 787.505 | RDBM TAG N END ABUT BRIDGE NO 53-872 OVER SAN BERNARDINO FRWY 15FT W C/L SAN DIMAS AVE | BG 1959A |
| BASELINE (1965) | 786.503 | RDBM TAG S END ABUT BRIDGE NO 53-872 OVER SAN BERNARDINO FRWY 15FT E C/L SAN DIMAS AVE | BG 1960 |
| BASELINE (1965) | 768.342 | CS MON IN WELL 11IN DN @ C/L RIDGEWAYS ST 130FT SE C/L HOLT AVE MKD (BM 17-21 1952) | BG 1961 |
| BASELINE (1965) | 771.121 | RD BR CAP MON IN HDWL 80FT N LY C/L POMONA BLVD 8FT S/O S RAIL SPRR 13FT E LY C/L RIDGEWAY ST PROD 90FT S C/L MT VERNON AVE | BG 1962 |
| BASELINE (1965) | 584.582 | FC MON IN SW WINGWALL OF BRIDGE B1237 ON CITRUS AVE OVER BIG DALTON WASH 37FT W C/L MKD (BM 81-39) | BG 2021 |
| BASELINE (1965) | 585.045 | L+BRAD E CB CITRUS AVE @ NE END OF BRIDGE B1237 OVER BIG DALTON WASH 30FT E C/L | BG 2022A |
| BASELINE (1965) | 572.286 | L+SPK W CB 40FT W C/L CITRUS AVE + 57FT N OF N END BRIDGE B1228 OVER SAN DIMAS WASH | BG 2024 |
| BASELINE (1965) | 280.266 | L+T S CB LFT W BCR @ SE COR GARVEY AVE + MEEKER AVE 32FT W + 38FT S C/L INT | BG 2316 |
| BASELINE (1965) | 280.474 | L+BN S CB 3FT E BCR @ SE COR GARVEY AVE + MEEKER AVE 38FT S + 34FT E C/L INT | BG 2317 |
| BASELINE (1965) | 290.238 | RDBM TAG IN CB 30FT S/O C/L GARVEY AVE 20FT E/O ENTRANCE TO 12050 GARVEY AVE @ BEG RR UNDERPASS 450FT E LY VALLEY BLVD | BG 2320 |
| BASELINE (1965) | 282.696 | CS MON IN WELL 8IN DN @ NE COR PECK RD + VALLEY BLVD 40FT N + 64FT E C/L INT MKD (BM 15-1) | BG 2324 |
| BASELINE (1965) | 297.326 | RDBM TAG SE COR CONC TEL M H @ SE COR PECK RD + FOREST GROVE ST 22FT S + 68FT E C/L INT | BG 2326 |

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|--------------------|---------|---|-----------|
| BASELINE (1965) | 321.998 | CS MON IN WELL 9IN DN @ SE COR PECK RD + LOWER AZUSA RD 1FT BACK OF CB FACE + 63FT E + 63FT S C/L INT MKD (BM 15-4) | BG 2327 |
| BASELINE (1965) | 329.935 | CS MON 50FT E C/L PECK RD + 7FT S C/L CHERRYLEE DR MKD (LOT 7) | BG 2328 |
| BASELINE (1965) | 336.864 | L+T CONC PORCH OF BLDG @ SW COR PECK RD + RIO HONDO PKWY 147FT S + 78FT W C/L INT MKD (BM) | BG 2329 |
| BASELINE (1965) | 338.435 | FC MON IN N END OF CB ON BRIDGE NO B 1270 40FT W C/L PECK RD + 1000FT N CLARK ST MKD (BM 67-75) | BG 2332 |
| BASELINE (1965) | 339.136 | RDBM TAG CONC WALL OF WASH @ NE COR BRIDGE NO B1270 5FT E CB + 45FT E C/L PECK RD + 1000FT N CLARK ST | BG 2333 |
| COVINA (1970) | 359.243 | CS MON IN WELL 12IN DN IN ISL NR INT LONGDEN AVE + ARROW HWY 27FT N + 40FT W C/L INT MKD (A-11) | BG 2335 |
| BASELINE (1965) | 357.353 | RD MON IN WELL 6IN DN @ INT MYRTLE AVE + LONGDEN AVE | BG 2336 |
| BASELINE (1965) | 364.140 | L+T E CB MYRTLE AVE 40FT E C/L + 37FT S BCR OF ISL + 66FT S C/L CALIFORNIA AVE EXIT | BG 2337A |
| BASELINE (1965) | 365.065 | FC TAG W CB MYRTLE AVE 40FT W C/L + 1FT S CATCH BASIN + 46FT N OF CALIFORNIA AVE EXIT | BG 2338 |
| COVINA (1970) | 375.354 | L+T W CB 4FT S BCR @ SW COR CALIFORNIA AVE + BRISBANE ST 15FT W + 60FT S C/L INT | BG 2339 |
| COVINA (1970) | 421.693 | FC MON S CB NR BCR @ SW COR EUCLID AVE + GOODALL AVE 45FT W + 18FT S C/L INT | BG 2340 |
| COVINA (1970) | 423.667 | RDBM TAG N CB 1FT E BCR @ NE COR EUCLID AVE + SHAMROCK AVE 18FT N + 49FT E C/L INT | BG 2341 |
| COVINA (1970) | 419.460 | SQ HD SPK E CB 25FT S BCR @ SE COR MOUNTAIN AVE + ALLEY OPP EUCLID AVE 20FT E + 83FT S C/L INT MKD (KK 222) | BG 2342 |
| COVINA (1970) | 510.080 | CS MON FLUSH 3FT S OF S CB FACE @ SE COR HUNTINGTON DR + BUENA VISTA ST 45FT S + 66FT E C/L INT MKD (BM 11-14A) | BG 2346 |
| COVINA (1970) | 507.475 | RDBM TAG S CB 4FT W BCR @ SW COR HUNTINGTON DR + BRYCEDALE ST 43FT S + 48FT W C/L INT | BG 2347 |
| COVINA (1970) | 534.287 | RDBM TAG S CB 2FT W BCR @ SW COR HUNTINGTON DR + HIGHLAND AVE 60FT W + 43FT S C/L INT | BG 2348 |
| COVINA (1970) | 523.136 | USC+GS MON IN WELL 24IN DN 2FT S OF S CB HUNTINGTON DR 44FT S C/L + 0.2MI E HIGHLAND AVE MKD (USC+GS F 96) | BG 2350 |
| COVINA (1970) | 556.516 | RDBM TAG S CB 4FT W BCR @ SW COR HUNTINGTON DR + CRESTFIELD DR 42FT S + 60FT W C/L INT | BG 2355 |
| COVINA (1970) | 557.805 | RDBM TAG S CB 3FT E BCR @ SE COR HUNTINGTON DR + CRESTFIELD DR 42FT S + 62FT E C/L INT | BG 2356 |
| COVINA (1970) | 527.937 | CS TAG E CB 12FT S BCR @ SE COR IRVINGDALE AVE + 1ST ST 44FT S + 35FT E C/L INT | BG 2357 |
| COVINA (1970) | 514.243 | L+T E CB 5FT S BCR @ SE COR IRVINGDALE AVE + PARAMOUNT ST 53FT S + 33FT E C/L INT | BG 2358 |

