

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST



ARTESIA QUAD
1965 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.

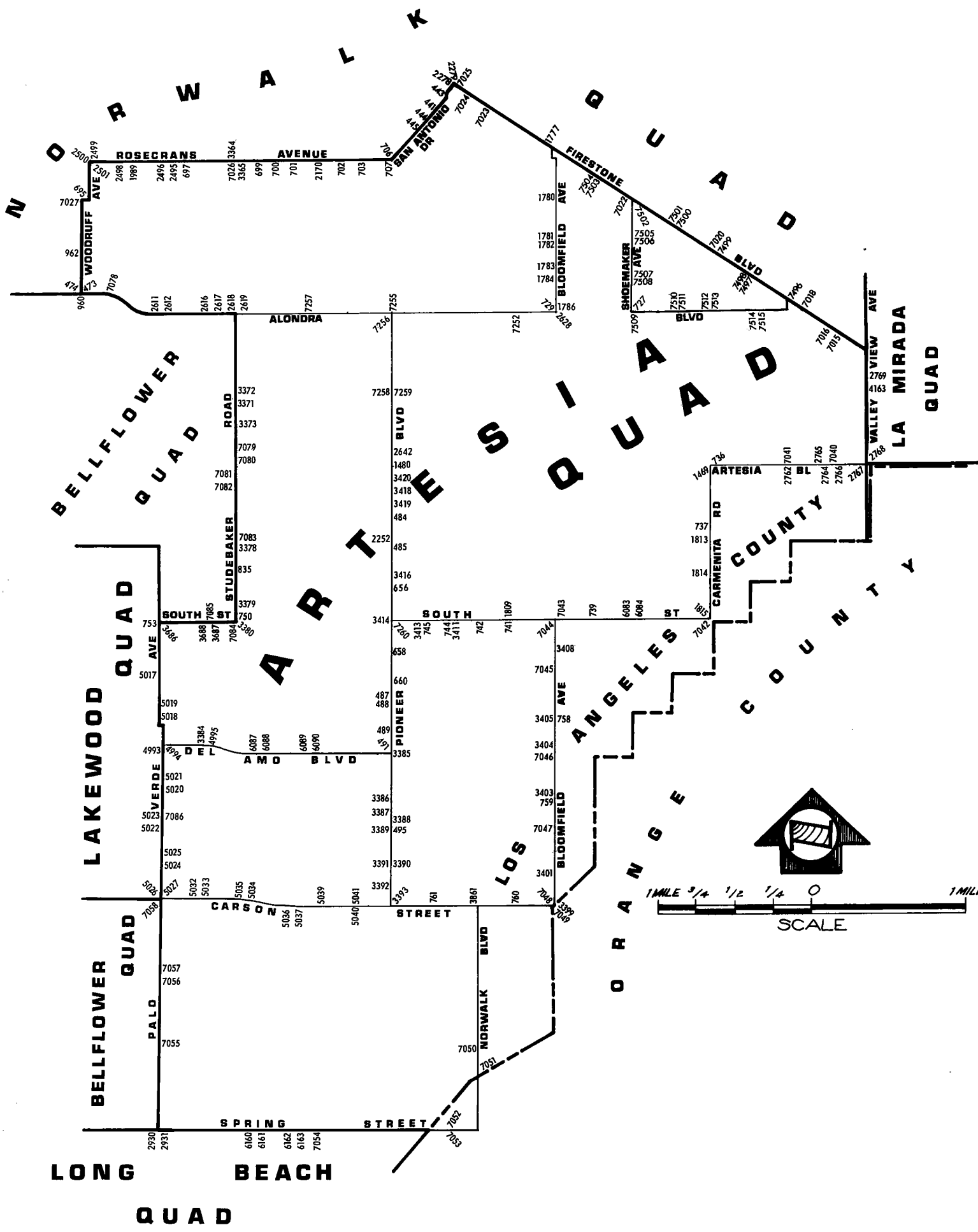
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net, 1963 Adjust-
ment.

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	L AFC - - - - -	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+RDBM 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



LONG BEACH QUAD

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	94.565	L+T 1FT± N CB RET @ NE COR PINE ST + SAN ANTONIO DR OUT	BY 441
BASELINE (1965)	96.242	L+T 5FT± N CB RET @ SW COR SAN ANTONIO DR + FRONT ST OUT	BY 443
BASELINE (1965)	93.261	L+T 2FT± E END OF CB @ SE COR WALNUT ST + SAN ANTONIO DR OUT	BY 444
BASELINE (1965)	93.051	L+T 2FT± E CB RET @ NE COR SYCAMORE ST + SAN ANTONIO DR	BY 445
BASELINE (1965)	73.221	CS REF MON IN WELL 14IN DN ON NE COR ALONDRA BLVD + WOODRUFF BLVD 56FT± N + 60FT± E C/L INT MKD (CLEARWATER K 2A)	BY 473
BASELINE (1965)	73.839	CSBM MON FLUSH ON NE COR ALONDRA BLVD + WOODRUFF AVE 39FT± N + 180FT± W C/L INT MKD (BM 6-6A1958)	BY 474
ARTESIA (1965)	53.804	BT SPK 5FT± E BCR RET @ SE COR PIONEER BLVD + ASHWORTH ST OUT	BY 484
ARTESIA (1965)	51.292	RDBM TAG W CB 1FT± N BCR @ SW COR PIONEER BLVD + 183RD ST 58FT± N + 30FT± W C/L INT	BY 485
ARTESIA (1965)	45.277	SET L+BRAD CONC PLATFORM OF DAIRY 87FT± W C/L PIONEER BLVD + 597FT± S C/L 195TH ST MKD (BM)	BY 487
ARTESIA (1965)	44.016	RD HD SPK S CB 1 FT S COR TO DAIRY 645FT± S C/L 195TH ST + 33FT± OUT PIONEER BLVD	BY 488
ARTESIA (1965)	40.054	SQ HD SPK W CB 100FT± S BCR @ SW COR PIONEER BLVD + LOS COYOTES BLVD 220FT± S + 40FT± W C/L INT CB MKD (SD 1809)	BY 489
ARTESIA (1965)	38.805	RD HD SPK W CB 3FT N BCR @ NW COR PIONEER BLVD + DEL AMO BLVD 82FT N + 40FT W C/L INT CB MKD (SD 1808)	BY 491
ARTESIA (1965)	47.908	L+N 3.5FT± N CB RET @ NW COR PIONEER BLVD + 188TH ST	BY 656
ARTESIA (1965)	46.257	L+T CONC PORCH OF BLDG NO 19210 PIONEER BLVD 75FT± E C/L + 882FT± S C/L SOUTH ST MKD (BM)	BY 658
ARTESIA (1965)	43.466	L+N CONC DRWY 15 FT± E C/L LINCOLN AVE + 42FT± E C/L PIONEER BLVD OUT	BY 660
BASELINE (1965)	80.872	RD HD SPK + L W CB 25FT± N BCR @ NW COR WOODRUFF AVE + WASHINGTON ST 70FT± N + 40FT± W C/L INT MKD (MV 26)	BY 695
BASELINE (1965)	87.609	FC BRONZE DISC @ SW COR DAIRY PLATFORM 75FT± N C/L ROSECRANS AVE 300FT± E SAN GABRIEL RIV BRIDG	BY 697
BASELINE (1965)	84.455	L+N 1FT± E BCR @ SE COR ROSECRANS AVE + CROSSDALE AVE	BY 699
BASELINE (1965)	84.752	L+N 1FT± E BCR @ SE COR ROSECRANS AVE + ELMCROFT AVE	BY 700
BASELINE (1965)	84.258	L+T N CB ROSECRANS AVE 36FT± N C/L + 37FT± W C/L PROD GRIDLEY RD OUT	BY 701
BASELINE (1965)	85.134	L+N 1FT± E BCR @ SE COR ROSECRANS AVE + GARD AVE	BY 702
BASELINE (1965)	86.697	L+N 1FT± S BCR @ SE COR ROSECRANS AVE + JERSEY AVE	BY 703

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	86.445	CS MON IN WELL 13IN DN ON NW COR ROSECRANS AVE + PIONEER BLVD 86FT# N + 40FT# W C/L INT MKD (WHITTIER C 124 1959)	BY 706
BASELINE (1965)	86.986	RDBM MON FLUSH IN CONC SQ POST ON SW COR ROSECRANS AVE + ARLEE AVE 83FT S + 20FT W C/L INT MKD (BM 184)	BY 707
ARTESIA (1965)	68.199	CS MON IN WELL 12IN DN @ C/L INT ALONDRA BLVD + SHOEMAKER AVE MKD (E 2 1965)	BY 727
ARTESIA (1965)	69.806	CS MON @ BLOOMFIELD AVE + ALONDRA BLVD	BY 729
ARTESIA (1965)	58.361	L+T @ C/L INT CARMENITA RD + ARTESIA AVE	BY 736
ARTESIA (1965)	51.890	L+N 42FT# W C/L CARMENITA RD @ N EDGE CONC DRWY HSE NO 18029 450FT# N C/L 14TH ST	BY 737
ARTESIA (1965)	45.368	L+N SE COR DAIRY PLATEFORM 70FT# N C/L SOUTH ST @ HSE NO 12815 1/2 MI E BLOOMFIELD AVE	BY 739
ARTESIA (1965)	47.820	L+N NW COR DAIRY PLATEFORM 70FT# S C/L OF SOUTH ST 1/2MI# W OF BLOOMFIELD AVE NR HSE NO 12426	BY 741
ARTESIA (1965)	45.583	RDBM TAG S CB 1FT# W BCR @ SW COR SOUTH ST + GRAYLAND AVE 40FT# S + 56FT# W C/L INT	BY 744
ARTESIA (1965)	48.608	S+W ON C/L OF SOUTH ST 2FT# SW OF S RAIL PERR 900FT# E PIONEER BLVD	BY 745
BASELINE (1965)	49.420	SW ONE OF 4 L+T STRADDLERS NR C/L INT STUDEBAKER RD + SOUTH ST	BY 750
BASELINE (1965)	51.168	CT SPK CONC PVMT 7FT# S C/L SOUTH ST 85FT# W C/L PALO VERDE AVE	BY 753
ARTESIA (1965)	40.828	L+N 26FT# W C/L BLOOMFIELD AVE + 180FT# S C/L SANTA ANA BRANCH PERR NE COR DRWY 700FT# N C/L DEL AMO BLVD	BY 758
ARTESIA (1965)	37.336	LA CO RD DEPT BM TAG E CB 40FT# E C/L BLOOMFIELD AVE 285FT# N OF LEMMING ST	BY 759
ARTESIA (1965)	30.101	L+T S CB CARSON ST 40FT S C/L + 34FT E C/L CLARETTA PROD 4FT# W OF CB	BY 760
ARTESIA (1965)	29.373	RAM SET + WASHER 3FT# N OF CB IN CB @ NW COR OF CARSON ST + JUAN AVE 42FT# N + 55FT# W C/L INT	BY 761
BASELINE (1965)	54.814	L+N CB E SIDE STUDEBAKER RD NR N SIDE 4FT WK IN FRONT OF HSE NO 18000	BY 835
BASELINE (1965)	73.581	L+T S CB ALONDRA BLVD 68FT# W C/L WOODRUFF AVE	BY 960
BASELINE (1965)	78.496	L+T NR S EDGE N STRIP CONC DRWY 50FT# E C/L WOODRUFF AVE @ HSE NO 15304	BY 962
ARTESIA (1965)	57.235	CS MON IN WELL 16IN DN 12FT# S + 8 FT# W C/L INT ARTESIA BLVD + CARMENITA RD	BY 1469
ARTESIA (1965)	56.918	L+SPK IN CONC APRON ON SE COR ARTESIA BLVD + PIONEER BLVD 54FT# S + 62FT# E C/L INT	BY 1480
BASELINE (1965)	83.484	RDBM TAG S CB 3.5FT# W BCR @ SW COR ROSECRANS AVE + BLOOMFIELD AVE 89FT# W + 40FT# S C/L INT	BY 1777

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ARTESIA (1965)	78.475	L+T N CB RET SW COR MAPLEDALE ST + BLOOMFIELD AVE OUT	BY 1780
ARTESIA (1965)	77.192	L+BRAD E CB 3FT# S BCR @ SE COR BLOOMFIELD AVE + EXCELSIOR DR 68FT# OUT 10FT# E C/L INT	BY 1781
ARTESIA (1965)	77.172	L+T OUT RET NW COR EXCELSIOR DR + BLOOMFIELD AVE	BY 1782
ARTESIA (1965)	74.589	RDBM TAG W CB BLOOMFIELD AVE 40FT# W C/L + 7FT# N C/L PROD MOLETTE ST	BY 1783
ARTESIA (1965)	74.377	L+BRAD E CB 0.5FT# S BCR @ SE COR BLOOMFIELD AVE + MOLETTE ST 55FT# S + 40FT# E C/L INT	BY 1784
ARTESIA (1965)	70.881	L+T N CB OUT HWY 30FT# E C/L BLOOMFIELD AVE @ SE COR ALONDRA BLVD + BLOOMFIELD AVE	BY 1786
ARTESIA (1965)	48.243	L+T E END OF CONCRETE LOADING PLATFORM OF MILK BLDG 175FT# E ELY ST OUT @ ELY SOUTH ST W HSE NO 12361	BY 1809
ARTESIA (1965)	49.055	CS MON IN CASING W/COVER 8FT# W C/L CARMENITA RD + 10FT# OUT @ 183RD ST	BY 1813
ARTESIA (1965)	46.750	L+T N EDGE OF 1ST OUT STEP HSE NO 18605 60FT# W C/L CARMENITA RD	BY 1814
BASELINE (1965)	90.027	RDBM TAG S CB ROSECRANS AVE 40FT# S C/L @ ANG PT OF CB TO BRIDGE OVER SAN GABRIEL RIV 500FT# W BRIDGE	BY 1989
BASELINE (1965)	84.550	L+T W CB SYLVAN OUT AVE 1FT# N BCR @ NW COR ROSECRANS AVE	BY 2170
ARTESIA (1965)	51.802	L+T E CB 13FT# OUT @ NE COR PIONEER BLVD + 183RD ST 52FT# OUT 13FT# E C/L INT	BY 2252
BASELINE (1965)	96.130	L+SPK @ CTR OUT NW COR FIRESTONE BLVD + SAN ANTONIO DR	BY 2278
BASELINE (1965)	96.633	L+T E CB SAN ANTONIO DR 1FT# S CB RET @ SE COR FIRESTONE BLVD OUT @ SAN ANTONIO DR	BY 2279
BASELINE (1965)	98.818	L+BN N CB ROSECRANS AVE NE COR BRIDGE OVER SAN GABRIEL RIV 1FT# W OF E END OF BRIDGE 23FT# N C/L ROSECRANS AVE	BY 2495
BASELINE (1965)	101.200	L+BN N CB ROSECRANS AVE @ NW COR BRIDGE OVER SAN GABRIEL RIV 1FT# E OF W END OF BRIDGE 23FT# N C/L ROSECRANS AVE	BY 2496
BASELINE (1965)	84.944	L+T N CB ROSECRANS AVE 1FT# W END CB ON APPROX E P/L HSE NO 10325	BY 2498
BASELINE (1965)	83.029	L+T N CB @ CB RET @ NW COR ROSECRANS AVE + CARPINTERO AVE	BY 2499
BASELINE (1965)	84.372	RD MON IN WELL 8IN DN @ OR NR C/L INT WOODRUFF AVE + ROSECRANS AVE MKD (LA CO RD DEPT 1953)	BY 2500
BASELINE (1965)	83.833	CS MON IN WELL OUT 15FT# S + 12FT# E C/L INT WOODRUFF + ROSECRANS AVE	BY 2501
BASELINE (1965)	92.143	CO FLOOD CONTROL BR DISC IN SW COR BRIDGE NO B977 OVER SAN GABRIEL RIV 25FT# C/L ALONDRA BLVD MKD (BM 75-46)	BY 2611
BASELINE (1965)	89.341	CORP OF ENGINEERS BR DISC IN SE COR BRIDGE NO B977 OVER SAN GABRIEL RIV 25FT S C/L ALONDRA BLVD MKD (SG 18 1958)	BY 2612

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	73.118	L+T N CB 1FT# E CB RET @ NE COR ALONDRA BLVD SERVICE RD + DUMONT AVE	BY 2616
BASELINE (1965)	73.653	L+T N CB 1FT# E OF CB RET @ NE COR ALONDRA BLVD SERVICE RD + LEIBACHER AVE	BY 2617
BASELINE (1965)	72.510	CS REF MON IN WELL 9IN DN ON NW COR STUDEBAKER RD + ALONDRA BLVD 56FT# N + 62FT# W C/L INT MKD (ARTESIA A-2 NO 3 1960)	BY 2618
BASELINE (1965)	72.948	CS REF MON IN WELL 9IN DN ON NE COR STUDEBAKER RD + ALONDRA BLVD 85FT# N + 50FT# E C/L INT MKD (ARTESIA A-2 NO 4 1960)	BY 2619
ARTESIA (1965)	70.479	L+T CTR CONC DRWY HSE NO 1608 ALONDRA AVE 30FT# S C/L ALONDRA AVE + 33FT# E C/L BLOOMFIELD AVE	BY 2628
ARTESIA (1965)	57.554	L+BRAD WK AROUND BLDG ON NE COR ARTESIA BLVD + PIONEER BLVD 52FT# N + 48FT# E C/L INT	BY 2642
ARTESIA (1965)	55.805	L+T E EDGE OF E CONC DRWY STRIP TO HSE NO 13738 ARTESIA BLVD 55FT# S + 195FT# W C/L INT ARTESIA BLVD + MARQUARDT AVE	BY 2762
ARTESIA (1965)	61.974	COE BRASS MON ON E END OF BRIDGE NO 53-277 18FT# S C/L ARTESIA BLVD + 100FT# W VALLEY VIEW AVE MKD (CC33 1958)	BY 2764
ARTESIA (1965)	53.857	L+T NE COR CONC LOADING PLATFORM TO DAIRY BLDG W HSE NO 13960 60FT# S + 100FT# W ARTESIA BLVD	BY 2765
ARTESIA (1965)	54.397	L+T NW COR CONC LOADING PLATFORM TO DAIRY BLDG WHSE NO 14106 75FT# S + 100FT# W ARTESIA BLVD	BY 2766
BASELINE (1965)	53.706	CS MON C/L INT VALLEY VIEW AVE + ARTESIA AVE OLD STYLE MON	BY 2768
BASELINE (1965)	60.246	USGS MON NW COR SPRR CONC CULV BRIDGE 26FT# E C/L VALLEY VIEW AVE 5FT# N OF RAIL 500FT# S FIRESTONE BLVD	BY 2769
BASELINE (1965)	22.324	L+BN S CB SPRING ST 1FT# E CB RET @ SE COR SPRING ST + PALO VERDE AVE	BY 2930
BASELINE (1965)	21.636	CS MON (BR SPK IN CONC) @ INT PALO VERDE AVE + SPRING ST 18IN DN	BY 2931
BASELINE (1965)	83.783	L+T 1FT# N BCR @ NW COR STUDEBAKER RD + ROSECRANS AVE	BY 3364
BASELINE (1965)	83.383	L+N NR BACK WK ON SW COR ROSECRANS AVE + STUDEBAKER RD 75FT# S + 48FT# W C/L INT	BY 3365
BASELINE (1965)	70.929	L+N IN CONC CB ON NW DAIRY PLATFORM 100FT# S HSE NO 16404 STUDEBAKER RD 70FT# E C/L	BY 3371
BASELINE (1965)	69.627	CS MON 5FT E C/L STUDEBAKER RD 5FT S C/L 166TH ST 10IN DEEP	BY 3372
BASELINE (1965)	62.601	L+T DRWY HSE NO 17121 STUDEBAKER RD 50FT# W C/L 1FT# IN FROM N EDGE OF DRWY	BY 3373
BASELINE (1965)	55.605	CS MON W/CASE + COVER @ C/L INT STUDEBAKER RD + 183RD ST	BY 3378
BASELINE (1965)	53.153	L+T N EDGE CONC DRWY TO HSE NO 18810 50FT# E C/L STUDEBAKER RD	BY 3379

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ARTESIA (1965)	43.596	RDBM TAG S CB @ S END OF CUL-DE-SAC OF MAMIE AVE OPP CONC LIGHT STANDARD NO 13-71 70FT± N C/L DEL AMO BLVD	BY 3384
ARTESIA (1965)	37.917	CS MON IN WELL W/COVER @ C/L INT DEL AMO BLVD + PIONEER BLVD	BY 3385
ARTESIA (1965)	37.450	L+T N CB 205TH ST 8FT± W CB RET @ NW COR 205TH ST + PIONEER BLVD	BY 3386
ARTESIA (1965)	33.410	L+T E CB PIONEER BLVD 40FT± E C/L + 50FT± N C/L PROD 215TH ST	BY 3390
ARTESIA (1965)	33.569	RDBM TAG W CB 3FT± N BCR @ NW COR PIONEER BLVD + 215TH ST 60FT± N + 40FT± W C/L INT	BY 3391
ARTESIA (1965)	33.128	L+T CONC WK TO HSE NO 1603 PIONEER BLVD 30FT± W OF C/L PIONEER BLVD 65FT± S C/L 216TH ST	BY 3392
ARTESIA (1965)	31.492	CS MON IN WELL W/COVER @ C/L INT PIONEER BLVD + CARSON ST	BY 3393
ARTESIA (1965)	42.792	COE BR DISK TOP OF WING WL NW COR BR 55-147 OVER COYOTE CR 147FT E + 40FT N C/L INT BLOOMFIELD AVE + CARSON ST MKD (CC 13 1957)	BY 3399
ARTESIA (1965)	35.095	L+T N END WK TO HSE NO 21209 + 100FT± W C/L BLOOMFIELD AVE	BY 3401
ARTESIA (1965)	36.964	LA CD RD DEPT BM TAG W CB BLOOMFIELD AVE + 295FT± N OF LEMMING ST 40FT± W C/L BLOOMFIELD AVE	BY 3403
ARTESIA (1965)	38.863	CS MON IN WELL W/COVER @ C/L INT DEL AMO BLVD + BLOOMFIELD AVE	BY 3404
ARTESIA (1965)	45.446	L+SPK NW COR CONC BASE TO SEMAPHORE SIG CONTROL BOX 30FT± E C/L BLOOMFIELD AVE + 12FT± S PERR TRACK	BY 3405
ARTESIA (1965)	44.037	L+T WK 5FT± N PORCH STEPS TO HSE NO 19226 @ NE COR 193RD ST + BLOOMFIELD AVE	BY 3408
ARTESIA (1965)	45.455	RDBM TAG S CB 1FT± E BCR @ SE COR SOUTH ST + GRAYLAND AVE 40FT S + 56FT± E C/L INT	BY 3411
ARTESIA (1965)	48.486	L+BN NE COR CONC BASE TO WIG WAG SIGNAL CONTROL BOX 15FT± W OF PERR TRACKS + 30FT± S OF C/L SOUTH ST BOX NO ON 18.60	BY 3413
ARTESIA (1965)	47.105	2 CS MON W/CASE + COVER @ SW MON @ C/L INT SOUTH ST + PIONEER BLVD	BY 3414
ARTESIA (1965)	48.342	L+BN 1FT± N BCR @ NW COR PIONEER BLVD + 187TH ST	BY 3416
ARTESIA (1965)	53.807	L+BN N CB ASHWORTH ST 1FT± E BCR NE COR ASHWORTH ST + PIONEER BLVD	BY 3418
ARTESIA (1965)	54.455	BT SPK IN END OF CONC WK TO HSE NO 17726 @ NE COR PIONEER BLVD + 177TH ST	BY 3419
ARTESIA (1965)	55.389	L+T NW COR WK TO HSE NO 17528 PIONEER BLVD 60FT± N 176TH ST + 75FT± E PIONEER BLVD	BY 3420
BASELINE (1965)	49.786	CS MON 88FT± S C/L SOUTH ST 9FT± E C/L PALO VERDE AVE	BY 3686

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	66.037	FC BR CAP @ E END BRIDGE OVER THE SAN GABRIEL RIV ON SOUTH ST @ SE COR OF BRIDGE BM 74-54	BY 3687
BASELINE (1965)	70.625	L+T @ W END OF BRIDGE OVER SAN GABRIEL RIV ON S SOUTH ST @ SW COR BRIDGE ON S CB	BY 3688
ARTESIA (1965)	29.319	CS CONTROL SYSTEM STD DISC 46FT± N C/L CARSON ST + 46FT± W C/L NORWALK BLVD	BY 3861
BASELINE (1965)	57.944	L+BN N END WK TO CROWN FERTILIZER CO 55FT± W C/L VALLEY VIEW AVE	BY 4163
BASELINE (1965)	43.529	CS MON IN WELL 10IN DN ON SW COR DEL AMO BLVD + PALO VERDE AVE 23FT± W + 85FT± S C/L INT MKD (BM 9-10)	BY 4993
BASELINE (1965)	44.611	L+T E CB 17FT± S BCR @ SE COR DEL AMO BLVD + PALO VERDE AVE 90FT± S + 30FT± E C/L INT MKD (BM)	BY 4994
BASELINE (1965)	43.531	RDBM TAG N CB DEL AMO BLVD 40FT± N C/L + 85FT± W C/L PROD MAMIE AVE	BY 4995
BASELINE (1965)	47.771	L+T S CB 3FT± W BCR @ SW COR PALO VERDE AVE + CANDLEWOOD ST 68FT± W + 38FT± S C/L INT MKD (BM)	BY 5017
BASELINE (1965)	46.652	L+BR W CB 1FT± N BCR @ NW COR PALO VERDE AVE + CARFAX AVE 75FT± N + 30FT± W C/L INT MKD (BM)	BY 5018
BASELINE (1965)	46.618	L+BR E CB 1FT± N BCR @ NE COR PALO VERDE AVE + EBERLE ST 50FT± N + 30FT± E C/L INT MKD (BM)	BY 5019
BASELINE (1965)	38.768	CS MON IN WELL 10IN DN @ OR NR C/L INT PALO VERDE AVE + ARBOR RD USE S EDGE	BY 5020
BASELINE (1965)	41.372	L+BN N CB 73FT± W BCR @ NW COR PALO VERDE AVE + ARBOR RD 138FT± W + 18FT± N C/L INT (ALONG FC R/W) CB MKD (LC 28)	BY 5021
BASELINE (1965)	36.239	CS MON IN WELL 12IN DN @ OR NR C/L INT PALO VERDE AVE + CENTRALIA ST USE W EDGE	BY 5022
BASELINE (1965)	38.179	RD HD SPK S CB (W SIDE BRIDGE NO B950) 140FT± W BCR @ SW COR PALO VERDE AVE + CENTRALIA ST 205FT± W + 18FT± S C/L INT CB MKD (KN 240)	BY 5023
BASELINE (1965)	35.231	CS MON IN WELL 12IN DN @ OR NR C/L INT PALO VERDE AVE + HARVEY WAY	BY 5024
BASELINE (1965)	36.345	L+BN E CB 1FT± S BCR @ SE COR PALO VERDE AVE + HARVEY WAY 30FT± E + 57FT± S C/L INT	BY 5025
BASELINE (1965)	36.648	RDBM TAG W CB 6FT± N BCR @ NW COR PALO VERDE AVE + CARSON ST 82FT± N + 30FT± W C/L INT	BY 5026
BASELINE (1965)	36.602	RDBM TAG E CB 6FT± N BCR @ NE COR PALO VERDE AVE + CARSON ST 82FT± N + 30FT± E C/L INT	BY 5027
ARTESIA (1965)	34.607	RDBM TAG N CB 2FT± W BCR @ NW COR CARSON ST + KNOXVILLE AVE 82FT± N + 45FT± W C/L INT	BY 5032
ARTESIA (1965)	34.831	RDBM TAG N CB 2FT± E BCR @ NE COR CARSON ST + KNOXVILLE AVE 82FT± N + 44FT± E C/L INT	BY 5033
ARTESIA (1965)	34.924	RDBMTAG W CB 1FT± S BCR @ NW COR CARSON AVE + LOS COYOTES DIAG 85FT± N + 40FT± W C/L INT	BY 5034
ARTESIA (1965)	34.044	RD BM TAG E CB 2FT± N BCR @ NE COR CARSON ST + LOS COYOTES DIAG 100FT± N + 40FT± E C/L INT	BY 5035

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ARTESIA (1965)	52.449	COE BR CAP SW COR BRIDGE OVER SAN GABRIEL RIV 4FT# S CB FACE MKD (SG 5 1958)	BY 5036
ARTESIA (1965)	51.524	COE BR CAP SW COR BRIDGE OVER SAN GABRIEL RIV 2FT# S CB FACE MKD (SG 6 1958)	BY 5037
ARTESIA (1965)	33.115	USC+GS BR CAP IN CATCH BASIN 45FT# N C/L CARSON ST + 1000FT# E INT CARSON ST + BRIDGE OVER SAN GABRIEL RIV MKD (F780 1946)	BY 5039
ARTESIA (1965)	33.764	RDBM TAG E END CONC HDWL 46FT# S C/L CARSON ST + 2000FT# E INT CARSON ST + BRIDGE OVER SAN GABRIEL RIV	BY 5040
ARTESIA (1965)	32.757	RDBM TAG N CB NR ENT TO INLET 40FT# N C/L CARSON ST + 2000FT# E INT CARSON ST + BRIDGE OVER SAN GABRIEL RIV	BY 5041
ARTESIA (1965)	39.650	L+BN W END CATCH BASIN 35FT# W OF DRWY TO SCHOOL 40FT# N C/L DEL AMO BLVD 1300FT# W PIONEER BLVD	BY 6087
ARTESIA (1965)	40.484	RDBM TAG W CB OF SCHOOL DRWY 55FT# N C/L DEL AMO BLVD 1300FT# W PIONEER BLVD	BY 6088
ARTESIA (1965)	38.214	L+T N CB 0.1FT# E BCR @ NE COR DEL AMO BLVD + JERSEY AVE 40FT# N + 55FT# E C/L INT	BY 6089
ARTESIA (1965)	39.141	L+BR N CB 45FT# E BCR @ NE COR DEL AMO BLVD + 40FT# N + 160FT# E C/L INT	BY 6090
BASELINE (1965)	19.757	CS MON 10IN DN 74FT# S C/L SPRING ST + 114FT# W C/L STUDEBAKER RD MKD (BM 8-33 1951 RE 63)	BY 6160
BASELINE (1965)	22.162	USC+GS DISK IN TOP CONC POST 19FT# W OF FENCE AROUND PUMP STATION @ LONG BEACH WATER DEPT WISE WELL NO 1 4FT# N C/L INT 444799E 2FT# E OF BOUNDARY FENCE + 16FT# S OF WITNESS POST + 110FT# S C/L SPRING ST NR STUDEBAKER RD MKD (A779 1946)	BY 6161
BASELINE (1965)	28.848	USC+BS BR DISK IN SE COR CONC BLOCK FOR MANHOLE 84FT# W OF W END BRIDGE NO B96C + 60FT# N C/L SPRING ST ON SPRING ST @ SAN GABRIEL RIV MKD (J-51 RESET 1952)	BY 6162
BASELINE (1965)	37.574	CS CONTROL SYSTEM TRAVERSE MON 14IN DN 2FT# S OF S CB + 15FT# W OF W END BRIDGE NO B96C ON SPRING ST @ SAN GABRIEL RIV MKD (ARTESIA B-11 1954)	BY 6163
BASELINE (1965)	65.302	RR SPK IN CONC IN NE ABUT TO RR BR 9/40 300FT SLY SERVICE RD OF SANTA ANA FRWY + 1500FT WLY VALLEY VIEW AVE	BY 7015
BASELINE (1965)	66.061	COE BR CAP FL IN SE COR BR ON SERVICE RD OF SANTA ANA FRWY ABT 1500FT WLY VALLEY VIEW AVE	BY 7016
BASELINE (1965)	67.894	L+T @ NE COR ISLAND @ INT FIRESTONE BLVD + ALONDRA BLVD 20FT S + 27FT W C/L INT MKD (BM)	BY 7018
BASELINE (1965)	78.808	RDBM TAG ELY HDWL ON NELY COR CARMENITA RD + FIRESTONE BLVD 100FT NLY + 30FT ELY APPROX C/L INT	BY 7020
BASELINE (1965)	76.294	USC+GS MON IN S HDWL CULV 500 B ON SPRR ABT 355FT NW C/L SHOEMAKER AVE MKD (597 1932)	BY 7022

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BASELINE (1965)	94.205	CAL STATE BM MON FL WITH WK ON SW COR FIRESTONE BLVD + NORWALK BLVD 83FT S + 23FT W C/L INT MKD (BM 22-B-41)	BY 7023
BASELINE (1965)	98.424	USC+GS DISK VERT IN WALL BANK OF NORWALK BLDG ON NWLY COR FRONT ST + CLARKDALE AVE MKD (V98 1932)	BY 7024
BASELINE (1965)	99.743	USC+GS BR MON VERT IN FACE BLDG ON NE COR FIRESTONE BLVD + SAN ANTONIO DR MKD (V98 1932)	BY 7025
BASELINE (1965)	82.333	CS MON 10IN DISK ON COR ROSECRANS AVE + STUDEBAKER RD 49FT 10 FT W C/L INT MKD (BM6-2 1951)	BY 7026
BASELINE (1965)	80.539	L+T W CB 6FT S BCR @ SW COR WOODRUFF AVE + WASHINGTON ST 50FT S + 40FT W C/L INT	BY 7027
ARTESIA (1965)	62.085	COE BR DISK @ NE COR OF BR 53-277 ARTESIA BLVD + COYOTE CR 0.2MI W VALLEY VIEW MKD (CC 34-1958)	BY 7040
ARTESIA (1965)	54.519	CS MON IN WELL 10IN DN 100FT W C/L 11FT N C/L INT ARTESIA BLVD + GUARDT AVE	BY 7041
ARTESIA (1965)	42.533	L+BN TOP OF C B 70FT S 11 FT W C/L INT CARMENITA RD + SOUTH ST	BY 7042
ARTESIA (1965)	45.418	USC+GS MON 100FT N + 20 FT W C/L INT SOUTH ST + BLOOMFIELD AVE 6IN DN	BY 7043
ARTESIA (1965)	44.077	USC+GS BR CAP MON IN CONC POST 6IN UP 33FT W + 19FT N C/L INT 1957 BLOOMFIELD AVE MKD (F 779-1946) LEANING - USE HIGH SIDE	BY 7045
ARTESIA (1965)	39.521	RDBM TAG W CB 1FT S BCR @ SW COR 38FT W + 75FT S C/L INT BLOOMFIELD AVE + DEL AMO BLVD	BY 7046
ARTESIA (1965)	35.448	L+T E CB 1FT S BCR @ SE COR 66FT S + 40FT E C/L INT BLOOMFIELD AVE + CENTRALIA RD	BY 7047
ARTESIA (1965)	34.806	BT SPK HDWL 1FT FROM N END 38FT W + 65FT N C/L INT CARSON ST + BLOOMFIELD AVE	BY 7048
ARTESIA (1965)	42.638	COE BR DISK TOP OF WING WL SW COR BR 55-147 OVER COYOTE CR 147FT E + 40FT S C/L INT BLOOMFIELD AVE + CARSON ST MKD (CC 12 1957)	BY 7049
ARTESIA (1965)	26.312	L+BN 1FT S BCR @ SW COR NORWALK BLVD + WARDLOW RD 73FT N + 45FT W C/L INT MKD (BM)	BY 7050
ARTESIA (1965)	39.889	BR TAG FL IN WALL ON SE COR BR 55-136 OVER COYOTE CR MKD (ORANGE CO SURVEYOR BM RCE 7872)	BY 7051
BASELINE (1965)	37.876	COE BR DISK NE COR SOUTHERN MOST BR 1101 4FT N OF N CB 0.2MI W NORWALK BLVD ON SPRING ST MKD(CC 6-1957)	BY 7052
BASELINE (1965)	37.582	COE BR DISK SE COR SOUTHERN MOST BR 1101 3.5FT S OF CB 0.2MI W NORWALK BLVD ON SPRING ST MKD(CC 5 1957)	BY 7053
BASELINE (1965)	39.311	CS REF MON SE COR BR B 965 IN TOP OF CONC ABUT 3FT S CB LINE @ SPRING ST + SAN GABRIEL RIVER MKD (ARTESIA B-11 RM 1 1954)	BY 7054
BASELINE (1965)	26.868	FC MON IN WK FL 1FT BACK OF CB FACE @ NE COR WARDLOW RD + PALO VERDE AVE 45FT E + 48FT N C/L INT	BY 7055

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BASELINE (1965)	30.557	L+BN 1FT S BCR @ SE COR CONANT ST + PALO VERDE AVE 30FT E + 55FT S C/L INT	BY 7056
BASELINE (1965)	30.696	L+T 1FT E BCR @ NE COR CONANT ST + PALO VERDE AVE 65FT E + 20FT N C/L INT	BY 7057
BASELINE (1965)	34.107	USGS MON 3.5FT DN 75FT S + 47FT W C/L INT CARSON ST + PALO VERDE AVE 5FT E OF ROW OF SYCAMORE TREES MKD (LBBM 512 A2 1923)	BY 7058
BASELINE (1965)	72.275	CS BR CAP 10IN DN 74FT W C/L MC NAB AVE + 5FT ELY OF N CB HAYFORD ST MKD (BM 9-1A RE 5869 1961)	BY 7078
BASELINE (1965)	61.454	BT SPK 1FT S/O N EDGE DR TO HSE 17323 STUDEBAKER RD 160FT N + 55FT W C/L INT ARTESIA BLVD + STUDEBAKER RD	BY 7079
BASELINE (1965)	61.746	L+BN 2FT E BCR @ NE COR ARTESIA BLVD + STUDEBAKER RD 81FT E + 42FT N C/L INT	BY 7080
BASELINE (1965)	61.271	L+BN 5FT N BCR @ SW COR ARTESIA BLVD + STUDEBAKER RD 43FT W + 72FT S C/L INT	BY 7081
BASELINE (1965)	67.312	L+BN E SIDE OF SECOND SIG CONTROL BOX 66FT W C/L STUDEBAKER RD + 18FT S C/L RR TRACKS 0.2MI S ARTESIA BLVD	BY 7082
BASELINE (1965)	55.953	L+BN W CB 1FT N BCR @ NW COR STUDEBAKER RD + 183RD ST 73FT OUT 70FT W C/L INT MKD (BM)	BY 7083
BASELINE (1965)	66.313	COE BR DISK FL @ NE COR BR OVER SAN GABRIEL RIVER ON SOUTH ST 0.2MI E/O PALO VERDE AVE MKD (SG 12-1958)	BY 7085
BASELINE (1965)	36.109	CS MON 12IN DN 6FT W OF E CB 46FT N + 25FT E C/L INT PALO VERDE AVE + CENTRALIA ST MKD (BM 9-11 1951 RE 63)	BY 7086
ARTESIA (1965)	68.978	L+BN S CB 3FT E OF END OF CB 20FT W + 40FT S C/L INT THORNLAKE AVE OUT ALONDRA BLVD	BY 7252
ARTESIA (1965)	70.154	L+BN W CB 33FT S BCR @ SW COR PIONEER BLVD + ALONDRA BLVD 40FT W + 107FT S C/L INT	BY 7256
ARTESIA (1965)	69.655	L+BN 1FT E BCR @ NE COR GRIDLEY RD + ALONDRA BLVD 40FT N + 50FT E C/L INT	BY 7257
ARTESIA (1965)	65.200	L+BN W CB 2FT N BCR @ NW COR 166TH ST + PIONEER BLVD 64FT N + 30FT W C/L INT	BY 7258
ARTESIA (1965)	64.516	L+T N CB 1FT E BCR @ NE COR 166TH ST + PIONEER BLVD 30FT N + 66FT E C/L INT	BY 7259
ARTESIA (1965)	47.171	CS MON 11IN DN @ C/L INT OUT 166TH ST + PIONEER BLVD MKD (COUNTY SUR MON)	BY 7260
BASELINE (1965)	65.292	L+BN S CB 4FT E FUT BCR @ SE COR FIRESTONE BLVD + MARQUARDT AVE 22FT S + 64FT E C/L INT MKD (BM)	BY 7496
BASELINE (1965)	68.010	L+BN S CB FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 20FT S C/L + 0.25MI W MARQUARDT AVE IN FRONT PP 1119957E MKD (BM)	BY 7497
BASELINE (1965)	69.179	L+BN S CB FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 20FT S C/L IN FRONT BLDG 13700 0.25MI W MARQUARDT AVE MKD (BM)	BY 7498
BASELINE (1965)	80.137	L+BN S CB FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 20FT S C/L + 90FT W C/L CARMENITA RD OFFRAMP MKD (BM)	BY 7499

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BASELINE (1965)	77.722	L+BN CONC HDWL 23FT S C/L FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) IN FRONT BLDG 13146 0.3MI W CARMENITA RD MKD (BM)	BY 7500
BASELINE (1965)	77.665	L+BN S CB FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 20FT S C/L NR E P/L BLDG 13100 0.3MI W CARMENITA RD MKD (BM)	BY 7501
BASELINE (1965)	78.874	L+BN CONC RET WALL ON SW COR SHOEMAKER AVE + SPRR @ COR 8FT CHAIN LINK FEN 35FT S + 44FT W C/L INT MKD (BM)	BY 7502
BASELINE (1965)	81.628	L+BN S HDWL CULV 23FT S C/L FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 0.3MI W SHOEMAKER AVE MKD (BM)	BY 7503
BASELINE (1965)	81.566	L+BN N HDWL CULV 22FT N C/L FIRESTONE BLVD (S FRONTAGE RD SANTA ANA FRWY) 0.3MI W SHOEMAKER AVE MKD (BM)	BY 7504
ARTESIA (1965)	75.057	L+BN CONC RET WALL ON NW COR SHOEMAKER AVE + EXCELSIOR DR 48FT N + 36FT W C/L INT MKD (BM)	BY 7505
ARTESIA (1965)	73.904	L+BN N CB 1FT W BCR @ NW COR SHOEMAKER AVE + EXCELSIOR DR 18FT N + 60FT W C/L INT MKD (BM)	BY 7506
ARTESIA (1965)	71.717	L+BN W CB SHOEMAKER AVE 30FT W C/L + 4FT N C/L PROD MOLETTE ST MKD (BM)	BY 7507
ARTESIA (1965)	71.928	L+BRAD N CB 1FT E BCR @ NE COR SHOEMAKER AVE + MOLETTE ST 20FT N + 70FT E C/L INT	BY 7508
ARTESIA (1965)	69.257	L+BN W CB SHOEMAKER ALONDRA BLVD MKD (BM) OUT	BY 7509
ARTESIA (1965)	71.589	L+BN N CB 21FT W BCR @ NW COR ALONDRA BLVD + CORNET AVE 40FT N + 83FT W C/L INT MKD (BM)	BY 7510
ARTESIA (1965)	71.484	L+BN E CB 3FT N OUT @ NE COR ALONDRA BLVD + CORNET AVE 78FT OUT 21FT E C/L INT MKD (BM)	BY 7511
ARTESIA (1965)	69.501	L+T W CB 1FT N BCR @ SW COR ALONDRA BLVD + CARMENITA RD 73FT S + 40FT W C/L INT	BY 7512
ARTESIA (1965)	70.533	L+BN S CB 39FT E BCR @ SE COR ALONDRA BLVD + CARMENITA RD 40FT S + 116FT E C/L INT MKD (BM)	BY 7513
ARTESIA (1965)	69.348	L+BN W CB 4FT N BCR @ NW COR ALONDRA BLVD + CLANTON CIR 80FT N + 26FT W C/L INT MKD (BM)	BY 7514
ARTESIA (1965)	68.905	L+BN N CB 2FT W BCR @ NE COR ALONDRA BLVD + CLANTON CIR 40FT N + 60FT E C/L INT MKD (BM)	BY 7515