

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST

NGVD29 DATUM



NEWHALL 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 SAN JOSE HILLS RD +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.

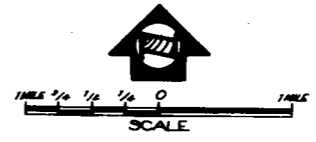
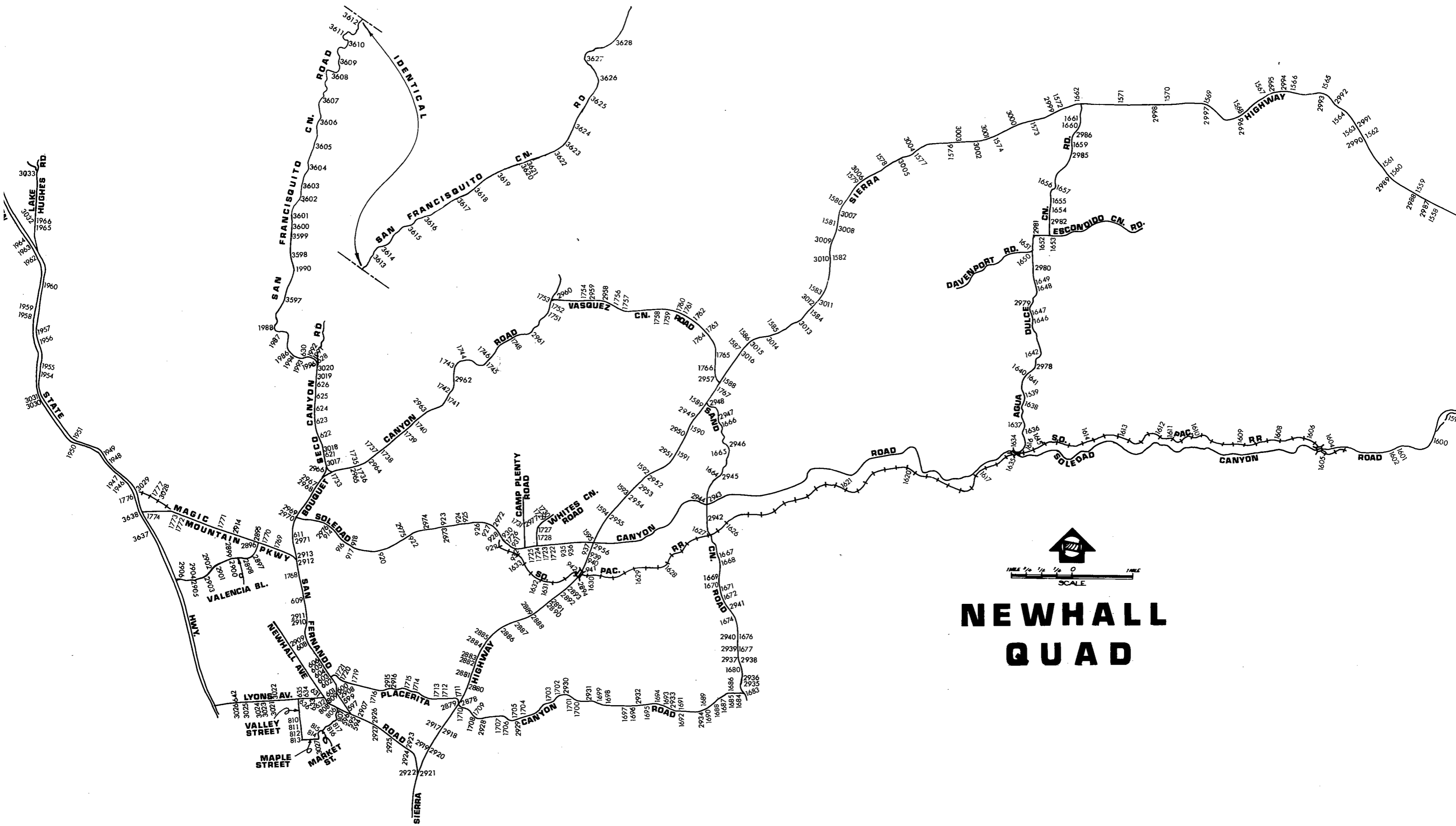
DATUM: U. S. Coast and Geodetic Survey Sea Level Datum
of 1929, through the medium of the Los Angeles
County Engineer Precise Level Net, 1963 Adjust-
ment.

ABBREVIATIONS USED IN BENCH MARK LISTINGS

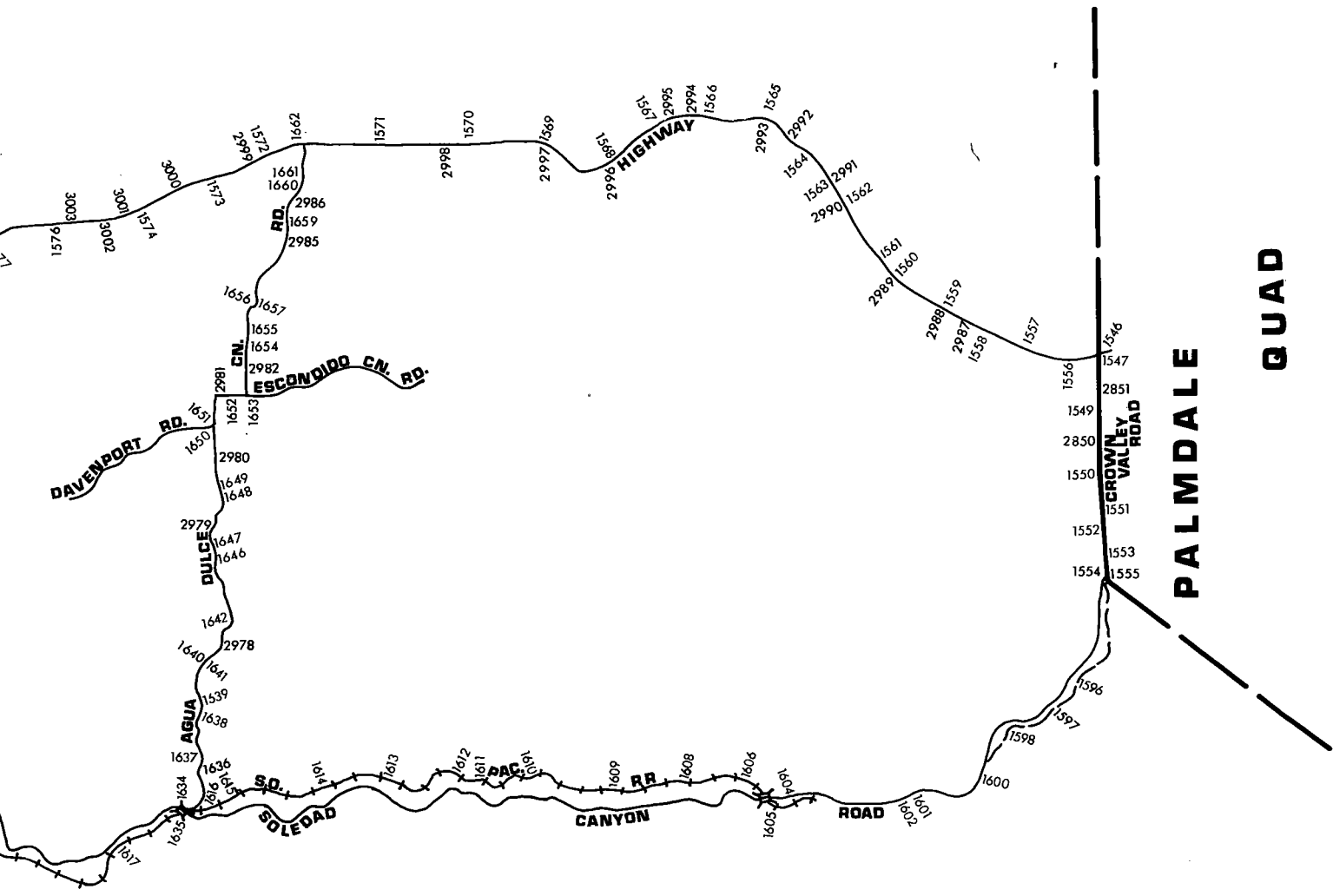
ABUT - - - - -	Abutment	EC - - - - -	End of Curve
ALG - - - - -	Along	ENT - - - - -	Entrance
ANG PT - - - - -	Angle Point	FL - - - - -	Floor
B/W - - - - -	Back of Walk	FTG - - - - -	Footing
BCR - - - - -	Beginning of Curb Return	F/W - - - - -	Front of Walk
BC - - - - -	Beginning of Curve	GAR - - - - -	Garage
BLDG - - - - -	Building	HDWL - - - - -	Headwall
BM - - - - -	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+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

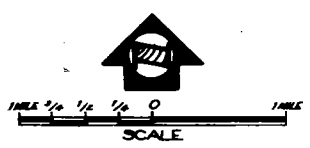
OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK+W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDEM - - - - - Road Dept. Bench Mark
RR - - - - - Railroad
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



NEWHALL QUAD



PALMDALE QUAD



NEWHALL QUAD

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBER
NEWHALL (1965)	1301.505	L+T CONC BASE RR SEMAPHORE NO 4534 @ NW COR SPRR R/W + SAN FERNANDO RD	BL	594
NEWHALL (1965)	1287.993	L+BN E CB SAN FERNANDO RD 4FT N BCR @ NE COR SAN FERNANDO RD + 4TH ST	BL	595
NEWHALL (1965)	1284.085	RDBM TAG W CB NEWHALL AVE 1FT S BCR OF DRWY TO WILLIAM S HART PARK 30FT W C/L PROD SAN FERNANDO RD	BL	596
NEWHALL (1965)	1280.202	L+BN E CB SAN FERNANDO RD 4FT S BCR 25FT E C/L + 30FT S C/L 5TH ST	BL	597
NEWHALL (1965)	1264.153	L+T S CB 8TH ST 1FT E BCR 15FT S C/L + 38FT W C/L SAN FERNANDO RD	BL	599
NEWHALL (1965)	1259.661	L+BN E CB SAN FERNANDO RD 4FT S BCR 30FT S C/L 10TH ST + 45FT E C/L PROD SAN FERNANDO RD	BL	600
NEWHALL (1965)	1260.061	L+T W CB SAN FERNANDO RD 0.5FT N BCR 30FT S C/L 10TH ST + 30FT W C/L PROD SAN FERNANDO RD	BL	601
NEWHALL (1965)	1258.495	BT SPK+W TOP OF CONC HDWL @ SW COR SPRR BRIDGE OVER NEWHALL CREEK 65FT E C/L SAN FERNANDO RD + 30FT S C/L PROD 12TH ST 1FT W OF GUARD FENCE	BL	602
NEWHALL (1965)	1257.916	L+BN TOP OF WINGWALL 3FT W BCR @ SW COR BRIDGE 53-12 OVER NEWHALL CREEK 30FT W C/L SAN FERNANDO RD + 40FT N C/L 12TH ST	BL	603
NEWHALL (1965)	1241.938	RDBM TAG N CB 14TH ST 1FT W BCR 18FT N C/L + 81FT W C/L SAN FERNANDO RD	BL	604
NEWHALL (1965)	1241.173	L+T NE COR CONC SLAB @ NE COR BLDG 24805 SAN FERNANDO RD 65FT W C/L + 75FT N C/L 14TH ST MKD (BM)	BL	605
NEWHALL (1965)	1228.547	L+T IN S END OF CONC STEP OF BLDG NO 24903 SAN FERNANDO RD 70FT W C/L + 31FT N C/L 15TH ST MKD (BM)	BL	606
NEWHALL (1965)	1216.346	USC+GS MON S END BRIDGE 53-14 OVER PLACERITA CREEK 3FT N OF S END CB 18FT E C/L SAN FERNANDO RD + 1.0MI N NEWHALL STA MKD (Q 370 1953)	BL	608
NEWHALL (1965)	1171.225	USC+GS MON 2IN UP 60FT W C/L SAN FERNANDO RD + 0.5MI S BOUQUET CANYON RD 6FT S PP 724408E MKD (R 370 1953) 4IN SQ POST 2FT S	BL	609
NEWHALL (1965)	1155.277	USC+GS MON S END CONC HDWL SPRR CULV 50FT E C/L BOUQUET CANYON RD + 110FT N OF N PROP COR SAUGUS SCHOOL 0.4MI N HENRY MAYO DR MKD (X 898 1955)	BL	611
NEWHALL (1965)	1223.631	L+T S CB 1FT E BCR @ SE COR SAN FRANCISQUITO CANYON RD + ARRIBA DR 18FT S + 66FT E C/L INT MKD (EV 3)	BL	621
NEWHALL (1965)	1237.157	L+SPK E CB 6FT S BCR @ SE COR SAN FRANCISQUITO CANYON RD + CHAPARRO DR 60FT S + 30FT E C/L INT MKD (EV 4)	BL	622
NEWHALL (1965)	1255.824	L+T E CB SAN FRANCISQUITO CANYON RD E SERVICE RD 15FT N OF PI FRONT OF HSE 27204 MKD (RDBM)	BL	623
NEWHALL (1965)	1266.656	L+T NR BCR @ NE COR SAN FRANCISQUITO CANYON RD E SERVICE RD + LOS ROGUES DR 50FT N + 18FT E C/L INT MKD (BM EV 8)	BL	624

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1965)	1283.255	L+T NR BCR @ SE COR SAN FRANCISQUITO CANYON RD E SERVICE RD + PAMPLICO DR 45FT S + 18FT E C/L INT MKD (BM EV 9)	BL 625
NEWHALL (1965)	1296.772	L+BN E CB 10FT S BCR @ SE COR SAN FRANCISQUITO CANYON RD + CALVELLO DR 60FT S + 15FT E C/L INT MKD (BM EV 10)	BL 626
NEWHALL (1965)	1344.830	L+T SE COR CONC SLAB DRIVE-IN THEATER BOX OFFICE 65FT N C/L SAN FRANCISQUITO CANYON RD + 0.5MI N CALVELLO DR MKD (BM)	BL 628
NEWHALL (1965)	1429.476	1IN IP IN CONC 4IN UP 20FT S C/L SAN FRANCISQUITO CANYON RD @ SUMMIT OF GRADE 0.7MI N CALVELLO DR	BL 630
NEWHALL (1965)	1249.953	RDBM TAG TOP OF 8IN CONC WALL OF WIRE FENCE 1FT S OF DRWY TO HSE NO 24435 NEWHALL AVE 27FT W + 105FT S C/L INT NEWHALL AVE + LYONS AVE	BL 631
NEWHALL (1965)	1258.789	L+T S EDGE CONC DRWY 4FT E OF END 45FT N C/L LYONS AVE + 150FT E C/L ARCADIA ST	BL 633
NEWHALL (1965)	1259.399	L+T @ SE COR CONC WLK OF CHURCH BLDG 140FT N C/L LYONS AVE + 90FT E C/L ARCADIA ST	BL 634
NEWHALL (1965)	1259.812	RDBM TAG IN CONC BASE OF WATER WELL 50FT N C/L LYONS AVE + 60FT E C/L PROD VALLEY ST	BL 635
NEWHALL (1965)	1262.066	RDBM TAG N SIDE CONC BASE @ NE COR EDISON TOWER NO M-3T3W3-3 35FT S C/L LYONS AVE + 30FT E C/L WILEY CANYON RD	BL 642
NEWHALL (1965)	1262.676	SPK IN W CB NEWHALL AVE 0.5FT S BCR @ SW COR NEWHALL AVE + MARKET ST 35FT S + 20FT W C/L INT	BL 806
NEWHALL (1965)	1261.966	L+T E CB NEWHALL AVE 20FT E C/L + 26FT N C/L PROD MARKET ST	BL 807
NEWHALL (1965)	1301.723	L+T N EDGE CONC DRWY TO HSE NO 24509 VALLEY ST 33FT W C/L + 120FT N C/L 8TH ST	BL 810
NEWHALL (1965)	1305.757	L+T CONC WK TO HSE NO 23360 8TH ST 40FT S C/L + 105FT E C/L VALLEY ST	BL 811
NEWHALL (1965)	1334.694	L+T CONC WALK TO HSE 23405 MAPLE ST 35FT N C/L + 75FT W C/L VALLEY ST	BL 812
NEWHALL (1965)	1338.794	L+T CONC WALK TO HSE 23410 MAPLE ST 105FT S C/L + 60FT W C/L VALLEY ST	BL 813
NEWHALL (1965)	1335.355	L+T S CB OF S DRWY TO HSE NO 24345 CROSS ST 30FT W C/L + 150FT S C/L PROD MARKET ST	BL 814
NEWHALL (1965)	1332.784	L+T S CB OF N DRWY TO HSE NO 24345 CROSS ST 30FT W C/L + 3FT S C/L PROD MARKET ST	BL 815
NEWHALL (1965)	1291.355	L+T NR E EDGE CONC WALK HSE 22916 MARKET ST 35FT S C/L + 0.2MI W NEWHALL AVE	BL 816
NEWHALL (1965)	1286.160	CS MON IN WELL 6IN DN @ PI 10FT S C/L MARKET ST + 80FT E HSE 22908 0.2MI W NEWHALL AVE	BL 817
NEWHALL (1965)	1185.143	RDBM TAG CTR OF CONC CATTLE GUARD @ MAIN ENT BONELLI RANCH 45FT S C/L SOLEDAD CANYON RD + 0.65MI E BOUQUET CANYON RD	BL 914
NEWHALL (1965)	1195.751	RDBM TAG @ NW COR CONC TANK COVER 40FT S OF C/L SOLEDAD CANYON RD + 63FT E OF TRACK GATE TO SAUGUS STADIUM 0.9MI E BOUQUET CANYON RD	BL 916

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBER
NEWHALL (1965)	1207.117	RDBM TAG @ W END HDWL CULV 1.17 25FT S C/L SOLEDAD CANYON RD + 100FT E OF ENT BERMITE POWDER CO 1.2MI E BOUQUET CANYON RD	BL	917
NEWHALL (1965)	1208.052	RDBM TAG W END N HDWL CULV 1.22 22FT N C/L SOLEDAD CANYON RD + 500FT E OF ENT TO BERMITE POWDER CO 1.2MI E BOUQUET CANYON RD	BL	918
NEWHALL (1965)	1216.950	USC+GS MON 8IN UP 52FT S C/L SOLEDAD CANYON RD + 25FT E SPRR CULV 448.29 0.6MI W OF L A CITY AQUEDUCT + 1.45MI E BOUQUET CANYON RD MKD (Y 52 1926) 2IN IP MKR 3FT UP 2FT S	BL	920
NEWHALL (1965)	1242.732	RDBM TAG W END N HDWL SPRR CULV 447.63 92FT S C/L SOLEDAD CANYON RD + 450FT E OF L A CITY AQUEDUCT 2.1MI E BOUQUET CANYON RD	BL	922
NEWHALL (1965)	1274.052	L+SCREW E END N HDWL SPRR CULV 447.2 50FT S C/L SOLEDAD CANYON RD + 0.2MI W RUETHER AVE	BL	923
NEWHALL (1965)	1288.339	L+T SW COR CONC SLAB FRONT HSE 20549 SOLEDAD CANYON RD 45FT N C/L + 100FT E C/L FURNIVALL AVE	BL	924
NEWHALL (1965)	1292.196	USC+GS MON 4FT UP ON W WALL @ SW COR GARAGE BLDG 55FT N + 154FT W C/L INT SOLEDAD CANYON RD + FURNIVALL AVE MKD (Z 52 1926)	BL	925
NEWHALL (1965)	1302.287	RDBM TAG NW COR CONC BASE SPRR SEMAPHORE 4467 74FT S C/L SOLEDAD CANYON RD + 100FT E HONBY AVE	BL	926
NEWHALL (1965)	1305.998	L+SCREW NE COR CONC BASE SPRR SEMAPHORE P4466 55FT S C/L SOLEDAD CANYON RD + 1500FT E HONBY AVE	BL	927
NEWHALL (1965)	1340.111	RDBM TAG W END S HDWL CULV 3.71 22FT S C/L SOLEDAD CANYON RD + 0.6MI W CAMP PLENTY RD	BL	928
NEWHALL (1965)	1356.464	USC+GS MON S END E HDWL SPRR CULV 445.91 400FT S SOLEDAD CANYON RD + 0.5MI W CAMP PLENTY RD MKD (C 486 1955)	BL	929
NEWHALL (1965)	1343.338	RDBM TAG W END CONC HDWL CULV 3.77 22FT N C/L SOLEDAD CANYON RD + 0.5MI W CAMP PLENTY RD	BL	930
NEWHALL (1965)	1365.633	RDBM TAG CONC ABUT @ SW COR BRIDGE B821 OVER SANTA CLARA RIV 20FT S C/L SOLEDAD CANYON RD + 400FT W CAMP PLENTY RD	BL	931
NEWHALL (1965)	1365.884	L+BN CONC ABUT @ SE COR BRIDGE B821 OVER SANTA CLARA RIV 11FT S C/L SOLEDAD CANYON RD + 200FT W CAMP PLENTY RD	BL	932
NEWHALL (1965)	1406.754	L+BRAD S CB SOLEDAD CANYON RD 3FT W BCR @ SW COR VILNA AVE + SOLEDAD CANYON RD 42FT S + 60FT W C/L INT	BL	935
NEWHALL (1965)	1408.360	L+BRAD E CB VILNA AVE 6FT S BCR @ SE COR VILNA AVE + SOLEDAD CANYON RD 86FT S + 18FT E C/L INT	BL	936
NEWHALL (1965)	1433.736	L+T NW COR CONC SLAB @ NW COR BLDG 18514 (CROSSROADS CAFE) 56FT S C/L SOLEDAD CANYON RD + 185FT W OF W RDWY SIERRA HWY	BL	937
NEWHALL (1965)	1429.610	RDBM TAG E CB @ NE COR BRIDGE 53-423 OVER SANTA CLARA RIV 18FT E C/L SIERRA HWY + 0.3MI S SOLEDAD CANYON RD	BL	939

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1965)	1428.291	FC MON E CB @ SE COR BRIDGE 53-423 OVER SANTA CLARA RIV 18FT E C/L SIERRA HWY + 0.3MI S SOLEDAD CANYON RD MKD (BM 97-10 1950)	BL 940
NEWHALL (1965)	1423.629	1/4IN IRON PLUG IN CHIS SQ S END E HDWL SPRR CULV 444.22 UNDER SIERRA HWY OVERPASS 0.5MI S SOLEDAD CANYON RD MKD (BM 24X)	BL 941
NEWHALL (1965)	1423.199	USC+GS MON N END E HDWL SPRR CULV 444.22 UNDER SIERRA HWY OVERPASS 0.5MI S SOLEDAD CANYON RD MKD (E 486 1955)	BL 942
BASELINE (1965)	2964.632	CS MON FLUSH 51FT N + 19FT E C/L INT SIERRA HWY + CROWN VALLEY RD 8FT SE PP 593220H	BL 1546
BASELINE (1965)	2962.237	CSBM MON 6IN UP 44FT S + 35FT W C/L INT SIERRA HWY, CROWN VALLEY RD + GOVERNOR MINE RD MKD (BM 201-73 1961)	BL 1547
BASELINE (1965)	2866.918	RDBM MON IN WELL 8IN DN 42FT W C/L CROWN VALLEY RD + 0.4MI S SIERRA HWY 100FT N DIRT RD TO HSE 33062 + 6FT SW PP 533161E 2IN IP MKR 2FT W	BL 1549
BASELINE (1965)	2789.280	RDBM MON IN WELL 35FT W C/L CROWN VALLEY RD + 1.0MI S SIERRA HWY 6FT NW PP 536168E 2IN IP MKR 3FT UP 2FT W	BL 1550
BASELINE (1965)	2716.958	L+BN IN MOST NLY CONC WALK OF SOLEDAD-AGUA DULCE SCHOOL 42FT E C/L 4TH ST (CROWN VALLEY RD) + 500FT N SYRACUSE AVE 1.4MI S SIERRA HWY	BL 1551
BASELINE (1965)	2702.284	L+BN IN CONC DRWY TO HSE NO 32109 4TH ST (CROWN VALLEY RD) 32FT W C/L 4TH ST + 50FT N C/L PROD GILLESPIE AVE	BL 1552
BASELINE (1965)	2698.889	L+BN NR N END OF GAS PUMP ISLAND @ SERVICE STA NO 31922 4TH ST (CROWN VALLEY RD) @ SE COR 4TH ST + SMITH AVE 55FT S + 62FT E C/L INT	BL 1553
BASELINE (1965)	2699.101	L+T NR W END OF CONC HDWL LRGE CULV 22FT N C/L SOLEDAD CN RD + 70FT E C/L CROWN VALLEY RD (4TH ST)	BL 1554
BASELINE (1965)	2698.239	USC+GS MON 12IN UP 30FT E C/L 4TH ST (ACTON) + 230FT S C/L SOLEDAD CN RD MKD (H 53 1926)	BL 1555
NEWHALL (1965)	2951.604	STATE HWY MON FLUSH 88FT S C/L SIERRA HWY + 750FT W CROWN VALLEY RD OPP ACTON JUNCT GAS STA 3FT IRON MKR 1FT E	BL 1556
NEWHALL (1965)	3003.427	CSBM MON 6IN UP 45FT N C/L SIERRA HWY + 0.4MI W CROWN VALLEY RD 90FT N PP 107517 MKD (BM 201-74 1961)	BL 1557
NEWHALL (1965)	3029.910	CSBM MON 6IN UP 45FT S C/L SIERRA HWY + 0.2MI E RED ROVER MINE RD 106FT SW PP 760292E MKD (BM 201-75 1961)	BL 1558
NEWHALL (1965)	3040.832	CSBM MON E END N HDWL CULV D105+40 24FT N C/L SIERRA HWY + 0.4MI W RED ROVER MINE RD MKD (BM 201-75A 1961)	BL 1559
NEWHALL (1965)	3080.931	CS MON 6IN UP 56FT N C/L SIERRA HWY + 60FT W C/L RED ROVER MINE RD OFFRAMP 0.1MI W WARD RD 5FT E PP 676652E MKD (BM MS 16)	BL 1560
NEWHALL (1965)	3123.819	CSBM MON 6IN UP 55FT N C/L SIERRA HWY + 400FT W WARD RD MKD (BM 201-76 1961) 2IN IP 3FT UP 2FT S	BL 1561

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
NEWHALL (1965)	3197.487	CSBM MON W END N HDWL CULV D48+32 24FT N C/L SIERRA HWY + 0.2MI E SHANNONDALE RD MKD (BM 201-77 1961)	BL 1562
NEWHALL (1965)	3305.109	CSBM MON E END N HDWL CULV D18+10 25FT N C/L SIERRA HWY + 40FT W DRWY TO CHRIST FAITH MISSION HOME 0.3MI W SHANNONDALE RD MKD (BM 201-78 1961)	BL 1563
NEWHALL (1965)	3390.334	CSBM MON 6IN UP 52FT N C/L SIERRA HWY NR CREST OF GRADE 0.8MI W SHANNONDALE RD 69FT E PP 676620E MKD (BM 201-79 1961) 2IN IP 3FT UP 2FT E	BL 1564
NEWHALL (1965)	3236.779	CSBM MON 6IN UP 75FT N C/L SIERRA HWY + 1.4MI W SHANNONDALE RD 135FT E PP 676610E MKD (BM 201-80 1961) 2IN IP 3FT UP 2FT S	BL 1565
NEWHALL (1965)	3077.390	CSBM MON 6IN UP 50FT N C/L SIERRA HWY + 1.9MI W SHANNONDALE RD 90FT E PP 583055H MKD (BM 201-81 1961) 2IN IP 3FT UP 2FT N	BL 1566
NEWHALL (1965)	2982.215	CSBM MON 6IN UP 50FT N C/L SIERRA HWY + 2.4MI W SHANNONDALE RD 150FT E PP 727016H MKD (BM 201-82 1961) 2IN IP 3FT UP 2FT S	BL 1567
NEWHALL (1965)	2823.076	CSBM MON W END N HDWL CULV D229+42 20FT N C/L SIERRA HWY + 1.4MI E JOHNSON RD MKD (BM 201-83 1961)	BL 1568
NEWHALL (1965)	2806.357	CSBM MON E END N HDWL CULV D198+00 22FT N C/L SIERRA HWY + 0.9MI E JOHNSON RD MKD (BM 201-84 1961)	BL 1569
NEWHALL (1965)	2768.547	CSBM MON 6IN UP 53FT N C/L SIERRA HWY + 0.4MI E JOHNSON RD 66FT E PP 676392E MKD (BM 201-85 1961) 2IN IP 3FT UP 2FT S	BL 1570
NEWHALL (1965)	2730.865	CSBM MON 6IN UP 57FT N + 45FT E C/L INT SIERRA HWY + JOHNSON RD MKD (BM 201-86 1961) 2IN IP 3FT UP 2FT S	BL 1571
NEWHALL (1965)	2732.955	CSBM MON 6IN UP 45FT N C/L SIERRA HWY + 0.3MI W AGUA DULCE CANYON RD 5FT E PP 724426E MKD (BM 201-87 1961)	BL 1572
NEWHALL (1965)	2634.840	CSBM MON 6IN UP 55FT N C/L SIERRA HWY + 0.9MI W AGUA DULCE CANYON RD 7FT E PP 1029748E MKD (BM 201-88 1961)	BL 1573
NEWHALL (1965)	2455.055	CSBM MON 6IN UP 39FT S C/L SIERRA HWY + 1.55MI W AGUA DULCE CANYON RD MKD (BM 201-89 1961)	BL 1574
NEWHALL (1965)	2341.446	CSBM MON 6IN UP 32FT S C/L SIERRA HWY + 0.2MI W SPADE SPRING RD 3.2MI E DAVENPORT RD MKD (BM 201-91 1961)	BL 1576
NEWHALL (1965)	2256.475	CSBM MON E END N HDWL CULV 54FT S + 10FT W C/L INT SIERRA HWY + CENTER ST MKD (BM 201-92 1961)	BL 1577
NEWHALL (1965)	2139.424	CSBM MON 6IN UP 46FT N C/L SIERRA HWY + 2.0MI E DAVENPORT RD 18FT N PP 437431E MKD (BM 201-93 1961) 2IN IP 3FT UP 2FT S	BL 1578
NEWHALL (1965)	2086.935	CSBM MON 2IN UP 55FT N C/L SIERRA HWY + 1.45MI E DAVENPORT RD 22FT S PP 437419E MKD (BM 201-94 1961) 2IN IP 3FT UP 2FT N	BL 1579
NEWHALL (1965)	2048.120	CSBM MON E END N HDWL CULV C339+50 30FT N C/L SIERRA HWY + 1.0MI E DAVENPORT RD MKD (BM 201-95 1961)	BL 1580

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NEWHALL (1965)	2018.927	CSBM MON N HDWL CULV C320+46 25FT N C/L SIERRA HWY + 0.65MI E DAVENPORT RD MKD (BM 201-96 1961)	BL 1581
NEWHALL (1965)	1967.436	CSBM MON 6IN UP 40FT E + 185FT N C/L INT SIERRA HWY + DAVENPORT RD MKD (BM 201-97 1961)	BL 1582
NEWHALL (1965)	1928.182	CSBM MON 6IN UP 50FT W C/L SIERRA HWY + 0.5MI S DAVENPORT RD 3FT S PP 1123490E MKD (BM 201-98 1961) 2IN IP 3FT UP 2FT S	BL 1583
NEWHALL (1965)	1892.974	CSBM MON 6IN UP 45FT E C/L SIERRA HWY + 450FT S BRIDGE 53-24 OVER MINT CANYON WASH 1.0MI W DAVENPORT RD MKD (BM 201-99 1961) 2IN IP 3FT UP 2FT N	BL 1584
NEWHALL (1965)	1829.088	CSBM MON 6IN UP 29FT W C/L SIERRA HWY + 1.6MI S DAVENPORT RD 5FT S PP 461357E MKD (BM 201-100 1961)	BL 1585
NEWHALL (1965)	1784.615	CSBM MON N END W HDWL CULV C186+08 21FT W C/L SIERRA HWY + 0.8MI N VASQUEZ CANYON RD MKD (BM 201-101 1961)	BL 1586
NEWHALL (1965)	1758.470	CSBM MON S END W HDWL CULV C171+08 21FT W C/L SIERRA HWY + 0.5MI N VASQUEZ CANYON RD MKD (BM 201-102 1961)	BL 1587
NEWHALL (1965)	1718.339	L+SPK S END W HDWL CULV C146+58 28FT W C/L SIERRA HWY + 235FT N VASQUEZ CANYON RD MKD (TBM)	BL 1588
NEWHALL (1965)	1694.335	CSBM MON FLUSH 16FT S + 52FT W C/L INT SAND CANYON RD + SIERRA HWY FRONT HSE 16449 MKD (BM 201-104 1961)	BL 1589
NEWHALL (1965)	1637.710	CSBM MON 3IN UP 56FT E C/L SIERRA HWY + 0.5MI S SAND CANYON RD 10FT N PP 516019E MKD (BM 201-105 1961)	BL 1590
NEWHALL (1965)	1597.665	CSBM MON 3IN UP 38FT E C/L SIERRA HWY + 1.0MI S SAND CANYON RD 8FT E PP 766152H MKD (BM 201-106 1961)	BL 1591
NEWHALL (1965)	1560.745	CSBM MON W HDWL CULV C43+50 21FT W C/L SIERRA HWY + 1.5MI N SOLEDAD CANYON RD 21FT N PP 1443605E MKD (BM 201-107 1961)	BL 1592
NEWHALL (1965)	1517.193	CSBM MON FLUSH 45FT S + 60FT W C/L INT SIERRA HWY + HILLFIELD LN MKD (BM 201-108 1961)	BL 1593
NEWHALL (1965)	1474.332	CSBM MON W HDWL CULV B90+53 26FT W C/L SIERRA HWY + 0.1MI S MIRROR WAY 12FT NE PP 1443570E MKD (BM 201-109 1961)	BL 1594
NEWHALL (1965)	1438.479	CSBM MON FLUSH 60FT W + 35FT N C/L INT SIERRA HWY + SOLEDAD CANYON RD MKD (BM 201-110 1961)	BL 1595
NEWHALL (1965)	2624.083	USC+GS MON W END S ABUT SPRR CULV 427.02 75FT W C/L OLD SOLEDAD CANYON RD + 265FT N ENT ACTON REHABILITATION CAMP 1.1MI S INT SOLEDAD CANYON RD + 4TH ST (ACTON) MKD (A 487 1955)	BL 1596
NEWHALL (1965)	2593.892	USC+GS MON 6IN UP 20FT W C/L OLD SOLEDAD CANYON RD + 1.4MI S INT SOLEDAD CANYON RD + 4TH ST (ACTON) MKD (G 53 1926)	BL 1597
NEWHALL (1965)	2577.967	USC+GS MON S END E HDWL SPRR CULV 427.71 30FT W C/L SOLEDAD CANYON RD + 1.2MI NE RAVENNA STA MKD (Z 486 1955)	BL 1598

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NEWHALL (1965)	2523.814	USC+GS MON N WINGWALL SPRR CULV 428.23 150FT E C/L SOLEDAD CANYON RD + 600FT S INT SOLEDAD CANYON RD + OLD SOLEDAD CANYON RD 0.7MI E RAVENNA STA MKD (Y 486 1955)	BL 1600
NEWHALL (1965)	2468.512	USGS MON ON 3IN IP 9IN UP 64FT S OF SE COR RAVENNA STA BLDG 12FT S OF S TRACK SPRR MKD (2468 43)	BL 1601
NEWHALL (1965)	2455.609	USC+GS MON E END S HDWL SPRR CULV 429.06 800FT W RAVENNA STA MKD (X 486 1955)	BL 1602
NEWHALL (1965)	2342.088	USC+GS MON IN ROCK OUTCROP 30FT E + 15FT N C/L INT SPRR + SOLEDAD CANYON RD BRIDGE 430.25 2.2MI E ENT DETENTION CAMP 11 MKD (W 1147 1961)	BL 1604
NEWHALL (1965)	2342.807	USC+GS MON 3FT UP IN E FACE OF E PIER SOLEDAD CANYON RD BRIDGE 430.25 OVER SPRR 2.2MI E ENT DETENTION CAMP 11 MKD (X 1147 1961)	BL 1605
NEWHALL (1965)	2338.667	USC+GS MON IN ROCK OUTCROP 12FT N + 175FT W C/L INT SOLEDAD CANYON RD BRIDGE 430.25 + SPRR 2.2MI E ENT DETENTION CAMP 11 MKD (Y 1147 1961)	BL 1606
NEWHALL (1965)	2288.526	USC+GS MON E END S HDWL SPRR CULV 430.98 0.2MI N INT SOLEDAD CANYON RD + ENT TO ALBRECHT RANCH 1.7MI E ENT DETENTION CAMP 11 MKD (T 486 1955)	BL 1608
NEWHALL (1965)	2242.545	USC+GS MON NW WINGWALL SPRR CULV 431.69 0.2MI N SOLEDAD CANYON RD + 1.0MI E ENT DETENTION CAMP 11 MKD (U 486 1955)	BL 1609
NEWHALL (1965)	2181.219	USC+GS MON E END S HDWL SPRR CULV 432.57 0.1MI E + 0.25MI N OF INT SOLEDAD CANYON RD + ENT DETENTION CAMP 11 MKD (W 486 1955)	BL 1610
NEWHALL (1965)	2161.584	USC+GS MON 12IN UP 20FT S C/L SPRR + 0.25MI N INT SOLEDAD CANYON RD + ENT TO HAPS SUNKEN GARDENS 0.2MI W ENT DETENTION CAMP 11 MKD (E 53 1926)	BL 1611
NEWHALL (1965)	2159.579	USC+GS MON E END N HDWL SPRR CULV 432.96 0.25MI N INT SOLEDAD CANYON RD + ENT HAPS SUNKEN GARDENS 0.2MI W ENT DETENTION CAMP 11 MKD (Z 1147 1961)	BL 1612
NEWHALL (1965)	2059.274	USC+GS MON W END S HDWL SPRR CULV 433.95 15FT S C/L SPRR + 0.6MI E OF CROSSING @ RUSS SIDING MKD (V 486 1955)	BL 1613
NEWHALL (1965)	2024.806	USC+GS MON E END S HDWL SPRR CULV 434.49 200FT E OF CROSSING @ RUSS SIDING 0.25MI NE INT SOLEDAD CANYON RD + ENT TO SOLEDAD CANYON FORESTRY GUARD STA MKD (S 486 1955)	BL 1614
NEWHALL (1965)	1939.114	USC+GS MON 2IN UP 85FT N C/L SPRR + 850FT E SOLEDAD CANYON RD BRIDGE B790 OVER SPRR NR AGUA DULCE CANYON RD MKD (B 1148 1961)	BL 1615
NEWHALL (1965)	1938.845	USC+GS MON E END S HDWL SPRR CULV 435.66 15FT S C/L SPRR + 550FT E INT AGUA DULCE CANYON RD + SOLEDAD CANYON RD MKD (R 486 1955)	BL 1616
NEWHALL (1965)	1867.473	USC+GS MON S END OLD RR BRIDGE ABUT 30FT S PVT RD TO SOLEDAD QUARRY + 0.25MI S SOLEDAD CANYON RD 0.5MI W AGUA DULCE CANYON RD MKD (Q 486 1955)	BL 1617
NEWHALL (1965)	1734.813	USC+GS MON W END S HDWL SPRR CULV 438.08 10FT S C/L SPRR + 0.8MI E OF CROSSING LANG STA RD 0.25MI S SOLEDAD CANYON RD MKD (N 486 1955)	BL 1620

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NEWHALL (1965)	1685.928	USC+GS MON W END S HDWL SPRR CULV 438.94 10FT S C/L SPRR + 400FT W OF CROSSING LANG STA RD 0.25MI S SOLEDAD CANYON RD MKD (M 486 1955)	BL 1621
NEWHALL (1965)	1568.324	USC+GS MON W END N HDWL SPRR CULV 411.24 40FT N C/L SPRR + 300FT W OVERPASS OVER OAK SPRING CANYON RD 0.1MI S LOST CANYON RD MKD (J 486 1955)	BL 1626
NEWHALL (1965)	1557.710	USC+GS MON N END E ABUT SPRR BRIDGE 441.84 OVER SAND CANYON RD 0.5MI S SOLEDAD CANYON RD MKD (H 486 1955)	BL 1627
NEWHALL (1965)	1512.008	USC+GS MON W END S HDWL SPRR CULV 442.82 10FT S C/L SPRR + 1400FT E WOODFALL RD 0.5MI S SOLEDAD CANYON RD MKD (G 486 1955)	BL 1628
NEWHALL (1965)	1478.596	USC+GS MON W END S HDWL SPRR CULV 443.26 10FT S C/L SPRR + 900FT W WOODFALL RD 0.5MI S SOLEDAD CANYON RD MKD (F 486 1955)	BL 1629
NEWHALL (1965)	1422.799	GEN LAND OFF MON 4IN UP 53FT S C/L SPRR + 370FT E SIERRA HWY MKD (WITNESS COR 1/4 SEC COR 21 28 T4N R15W)	BL 1630
NEWHALL (1965)	1400.460	USC+GS MON 12IN UP 31FT W + 40FT N OF SPRR CROSSING OF DIRT RD 0.6MI S + 0.5MI E INT SOLEDAD CANYON RD + CAMP PLENTY RD MKD (A 53 1926)	BL 1631
NEWHALL (1965)	1400.945	USC+GS MON N END W ABUT SPRR CULV 444.91 0.6MI S SOLEDAD CANYON RD + 0.5MI E CAMP PLENTY RD MKD (D 486 1955)	BL 1632
NEWHALL (1965)	1396.900	USC+GS MON 6IN UP 20FT NE C/L SPRR + 160FT NW C/L PROD CAMP PLENTY RD 0.25MI S SOLEDAD CANYON RD MKD (D 1148 1961)	BL 1633
NEWHALL (1965)	1965.438	RDBM MON IN WELL 8IN DN 75FT E C/L AGUA DULCE CANYON RD + 220FT N C/L SOLEDAD CANYON RD 2IN IP MKR 3FT UP 2FT N	BL 1634
NEWHALL (1965)	1958.169	CS MON N ABUT BRIDGE B790 OVER SPRR 12FT N C/L SOLEDAD CANYON RD + 185FT E C/L AGUA DULCE CANYON RD MKD (1958.104)	BL 1635
NEWHALL (1965)	1984.436	L+T S END 1ST STEP TO HSE 60FT E C/L AGUA DULCE CANYON RD + 0.5MI N SOLEDAD CANYON RD MKD (BM)	BL 1636
NEWHALL (1965)	1999.279	L+BN ROCK HDWL CULV 0.56 21FT W C/L AGUA DULCE CANYON RD + 0.5MI N SOLEDAD CANYON RD MKD (BM)	BL 1637
NEWHALL (1965)	2049.300	L+BN S HDWL ROCK CULV 0.90 21FT W C/L AGUA DULCE CANYON RD + 0.9MI N SOLEDAD CANYON RD MKD (BM)	BL 1638
NEWHALL (1965)	2035.533	L+BN CTR ROCK HDWL CULV 1.00 20FT W C/L AGUA DULCE CANYON RD + 1.0MI N SOLEDAD CANYON RD MKD (BM)	BL 1639
NEWHALL (1965)	2058.970	L+BN NW ABUT BRIDGE 1023 16FT N C/L AGUA DULCE CANYON RD + 1.4MI N SOLEDAD CANYON RD MKD (BM)	BL 1640
NEWHALL (1965)	2053.396	L+BN SE ABUT BRIDGE 1023 50FT S C/L AGUA DULCE CANYON RD + 1.4MI N SOLEDAD CANYON RD MKD (BM)	BL 1641
NEWHALL (1965)	2135.431	CS MON NW COR BRIDGE B827 15FT W C/L AGUA DULCE CANYON RD + 0.2MI S ANTELOPE VALLEY FRWY MKD (2135.46)	BL 1642

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NEWHALL (1965)	2168.029	RDBM MON IN WELL 8IN DN 5FT NE C/L AGUA DULCE CANYON RD + 0.3MI N ANTELOPE VALLEY FRWY 55FT W PP 710805E	BL 1646
NEWHALL (1965)	2170.392	SPK+T PP 710805E 60FT E C/L AGUA DULCE CANYON RD + 0.3MI N ANTELOPE VALLEY FRWY	BL 1647
NEWHALL (1965)	2319.841	SPK+T PP 676451E 18FT E C/L AGUA DULCE CANYON RD + 0.85MI N ANTELOPE VALLEY FRWY	BL 1648
NEWHALL (1965)	2321.454	RDBM MON IN WELL 8IN DN 5FT E C/L AGUA DULCE CANYON RD + 0.85MI N ANTELOPE VALLEY FRWY 58FT N PP 676451E	BL 1649
NEWHALL (1965)	2478.989	CS MON 3IN UP ON SW COR AGUA DULCE CANYON RD + DAVENPORT RD 25FT S + 30FT W C/L INT MKD (BM NC 1049) 2IN IP MKR 3FT UP 2FT W	BL 1650
NEWHALL (1965)	2478.566	L+T CTR ROCK HDWL CULV 3.77 16FT W C/L AGUA DULCE CANYON RD + 250FT N DAVENPORT RD MKD (BM)	BL 1651
NEWHALL (1965)	2487.480	RDBM TAG CTR ROCK HDWL CULV 4.11 18FT S C/L AGUA DULCE CANYON RD + 95FT E DRWY HSE 32901 0.15MI W OF END ESCONDIDO CANYON RD	BL 1652
NEWHALL (1965)	2482.822	CS MON 12IN DN 20FT S C/L ESCONDIDO CANYON RD ON C/L PROD AGUA DULCE CANYON RD TO N MKD (WIT 1/4 COR 27 26)	BL 1653
NEWHALL (1965)	2521.225	RDBM TAG S CB DRWY HSE 33324 AGUA DULCE CANYON RD 18FT E C/L + 400FT S DARLING RD	BL 1654
NEWHALL (1965)	2531.225	CS MON FLUSH SE COR PORCH TO STORE BLDG 33355 AGUA DULCE CANYON RD 35FT W C/L + 120FT S DARLING RD MKD (2531.194)	BL 1655
NEWHALL (1965)	2556.872	RDBM TAG W END GAS PUMP ISL @ GAS STA 33613 AGUA DULCE CANYON RD 47FT N C/L + 0.4MI N DARLING RD	BL 1656
NEWHALL (1965)	2554.186	CS MON NE COR CONC SLAB STORE BLDG 33616 AGUA DULCE CANYON RD 45FT S C/L + 0.4MI N DARLING RD MKD (2556.391)	BL 1657
NEWHALL (1965)	2602.190	L+BN IN 4IN IP WITH CONC PLUG 2FT UP ON S SIDE DRWY HSE 34236 AGUA DULCE CANYON RD 25FT E C/L + 0.7MI S SIERRA HWY	BL 1659
NEWHALL (1965)	2687.763	RDBM TAG NW COR CONC SLAB IN FRONT OF BLDG 25FT W C/L AGUA DULCE CANYON RD + 1000FT S SIERRA HWY	BL 1660
NEWHALL (1965)	2696.933	RDBM TAG NR S EDGE CONC WALK TO CHURCH 26FT W C/L AGUA DULCE CANYON RD + 900FT S SIERRA HWY	BL 1661
NEWHALL (1965)	2717.507	RDBM TAG CTR HDWL CULV D 134+00 32FT N C/L SIERRA HWY + 50FT W C/L PROD AGUA DULCE CANYON RD	BL 1662
NEWHALL (1965)	1677.488	CSBM MON 6IN UP 25FT W C/L SAND CANYON RD + 0.55MI N SOLEDAD CANYON RD 220FT S PP 1115102E MKD (BM 202-11 1962)	BL 1664
NEWHALL (1965)	1804.780	CSBM MON 6IN UP 20FT W C/L SAND CANYON RD + 1.1MI N SOLEDAD CANYON RD 50FT W PP 1248553E MKD (BM 202-12 1962)	BL 1665
NEWHALL (1965)	1922.701	CSBM MON 6IN UP 25FT W C/L SAND CANYON RD + 0.5MI S SIERRA HWY 6FT W PP 1233320E MKD (BM 202-13 1962)	BL 1666

