

COUNTY OF LOS ANGELES

ROAD DEPARTMENT

PRECISE

BENCH MARK LIST



PALMDALE QUAD

1973 ADJUSTMENT

NGVD29 DATUM

P R E F A C E

The Road Department level net is composed of more than 2,000 miles of levels supporting in excess of 12,000 bench marks. In 1975, a major readjustment of the net was undertaken. To emphasize the complete break with previous elevations, the BY,BG & BL series bench marks have been relabeled CY,CG & CL, respectively.

To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory is divided into 34 quads or areas. For identification purposes each quad is 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.,

CG 6234 --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 -1975) ELEV. 696.238

Experience indicates that this general adjustment will, for the most part, remain sound for the next 10 years. Updating constrained adjustments will be made in 5 years. It is expected that these updating adjustments will be in the nature of a few hundredths of a foot. When a quad is readjustment, new elevation lists will be published and the date of the readjustment will replace the "1975" at the end of the bench mark description. Two bench marks with different adjustment dates will not normally agree with each other.

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 over 600 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.

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	FRWY - - - - -	Freeway
BC - - - - -	Beginning of Curve	F/W - - - - -	Front of Walk
BLDG - - - - -	Building	GAR - - - - -	Garage
BM - - - - -	Bench Mark	HDWL - - - - -	Headwall
BT SPK - - - - -	Boat or Bolt Spike	HSE - - - - -	House
BR CAP - - - - -	Brass or Bronze Cap	HWY - - - - -	Highway
C B - - - - -	Catch Basin	INT - - - - -	Intersection
CTR - - - - -	Center	IP - - - - -	Iron Pipe
C/L - - - - -	Center Line	LT - - - - -	Left
C/L INT - - - - -	Center Line Intersection	LACE - - - - -	L. A. City Engineer
C/L PROD - - - - -	Center Line Produced	LACS - - - - -	L. A. Co. Engineer
CONC - - - - -	Concrete	LAFC - - - - -	L. A. Co. Flood Control
COR - - - - -	Corner	L&BN - - - - -	Lead and Bench Nail
COE - - - - -	Corps of Engineers	L&BR - - - - -	Lead and Brad
CULV - - - - -	Culvert	L&N - - - - -	Lead and Nail
CYN - - - - -	Canyon	L&SPK - - - - -	Lead and Spike
CB - - - - -	Curb	L&T - - - - -	Lead and Tack
CS MON - - - - -	Co. Engineer Monument	MCR - - - - -	Middle of Curb Return
CT SPK - - - - -	Cut Spike	MKD - - - - -	Marked
DR - - - - -	Drive or Driveway	MC - - - - -	Middle of Curve
E/O - - - - -	East of	MON - - - - -	Monument
ECR - - - - -	End of Curb Return	N/O - - - - -	North of

ABBREVIATIONS USED IN BENCH MARK LISTINGS . . . CONTINUED

NR - - - - - Near
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
RDBM - - - - - Road Dept. Bench Mark
RDBM TAG - - - - - Road Dept. Bench Mark Tag
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

R WEST QUAD

L A N C A S T E R Q U A D

LANCASTER
EAST
QUAD

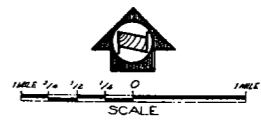
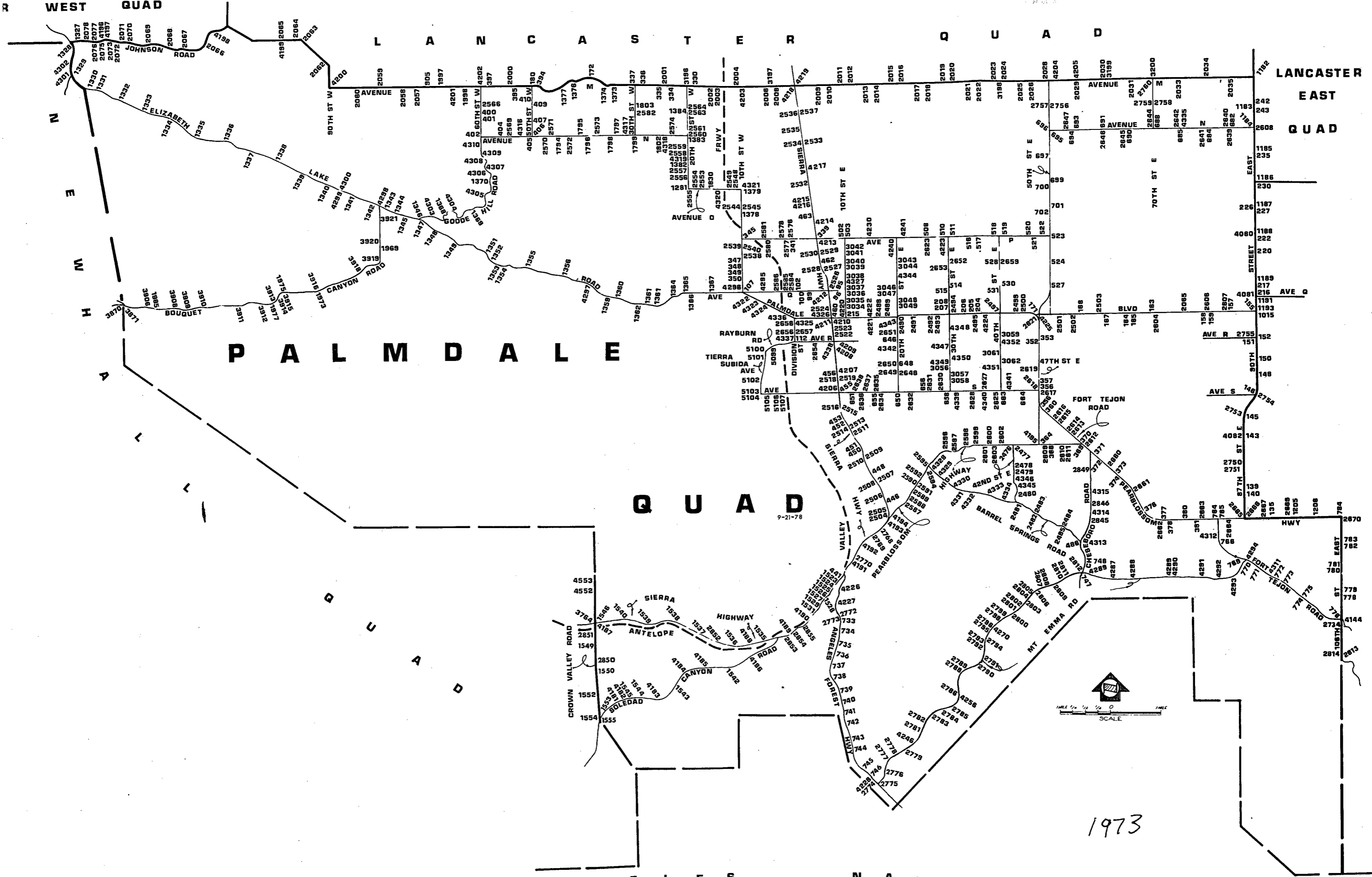
P A L M D A L E

Q U A D
9-21-78

QUAD

LLANO

A N G E L E S N A T I O N A L F O R E S T



1973

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	2632.964	L&BN 2.5FT N BCR @ NE COR RAMBLER AVE & AVE Q 70FT N & 15FT E C/L INT	CL 95
PALMDALE (1973)	2633.513	L&BN 11FT W BCR NW COR RAMBLER AVE & AVE Q 30FT N & 63FT W C/L INT	CL 96
PALMDALE (1973)	2643.752	L&T 5FT E BCR @ SE COR AVE Q & SUMAC AVE 60FT E & 30FT S C/L INT	CL 99
PALMDALE (1973)	2644.487	L&T 5FT E BCR @ SE COR AVE Q & 3RD ST E 30FT S & 60FT E C/L INT	CL 100
PALMDALE (1973)	2640.093	L&BN 5FT W BCR @ NW COR AVE Q & CAROLSIDE AVE (TO THE N) 70FT N & 54FT W C/L INT	CL 102
PALMDALE (1973)	2693.473	CS MON (W EDGE) IN WELL ON C/L AVE Q 10FT W C/L 10TH ST W MKD (21 22 28 27 T6N R12W)	CL 107
PALMDALE (1973)	2717.426	CS MON IN WELL DN 14 IN @ C/L INT AVE R & DIVISION ST MKD (27 26 34 35 T6N R12W) USE N EDGE	CL 112
BASELINE (1973)	2935.896	USC&GS MON 4IN UP 32FT N C/L PEARBLOSSOM HWY & 0.5MI E 87TH ST E 332FT E CULV I664&04 99FT E PP 1294916E MKD (H 306 1935)	CL 135
BASELINE (1973)	2857.195	CS MON IN WELL 12IN DN @ C/L INT AVE U & 87TH ST E MKD (SEC 12 13 7 18 T5N R10W R11W)	CL 139
BASELINE (1973)	2860.429	RDBM TAG ON N SIDE OF CONC FTG OF 2IN FENCE POST 135FT W C/L 87TH ST E & 25FT S C/L AVE U	CL 140
BASELINE (1973)	2776.570	CS MON (N EDGE) IN WELL 12IN DN ON C/L AVE T 10FT W C/L 87TH ST E MKD (SEC 1 6 12 7 T5N R11W R10W)	CL 143
BASELINE (1973)	2743.778	SPK SE COR WIER BOX @ NW COR 87TH ST E & AVE S-8 20FT N & 30FT W C/L INT	CL 145
BASELINE (1973)	2712.135	CS MON (S EDGE) IN WELL 16IN DN @ C/L INT 90TH ST E & AVE S MKD (SEC 31 32 T6N T5N R10W)	CL 146
BASELINE (1973)	2699.211	RDBM TAG & N IN CTR OF CONC BASE OF TELEPHONE BOOTH @ SW COR BLDG NO 37356 90TH ST E 90FT E C/L & 95FT S C/L AVE R-12	CL 148
BASELINE (1973)	2685.432	RDBM TAG & N @ SW COR OF CONC SLAB 25FT N C/L AVE R-8 & 45FT E C/L 90TH ST E	CL 150
BASELINE (1973)	2671.394	L&T @ SE COR OF CONC SLAB @ SE COR OF CONC BLOCK BLDG NO 37855 90TH ST E 130FT W C/L & 475FT N AVE R-4	CL 151

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBER
BASELINE (1973)	2663.109	CS MON (W EDGE) IN WELL 15IN DN @ C/L INT 90TH ST E & AVE R MKD (SEC 29 30 31 32 R10W T6N)	CL	152
BASELINE (1973)	2645.485	L&T IN SE COR BLDG NO 8849 PALMDALE BLVD 62FT N C/L & 129FT W C/L 90TH ST E	CL	155
PALMDALE (1973)	2645.459	RDBM MON IN WELL 6FT S C/L PALMDALE BLVD & 0.5 MI W 90TH ST E 33FT W TP NO 583344H	CL	157
PALMDALE (1973)	2642.598	CS MON IN WELL 24IN DN @ C/L INT PALMDALE BLVD & 80TH ST E MKD (1/4 COR 25 30 R10W R11W T6N)	CL	158
PALMDALE (1973)	2645.272	RDBM TAG IN CONC & ROCK FTG OF IRON FENCE POST 27FT N C/L PALMDALE BLVD @ 80TH ST E	CL	159
PALMDALE (1973)	2636.613	CS MON IN WELL 24IN DN @ C/L INT PALMDALE BLVD & 70TH ST E MKD (1/4 COR 25 26 R11W T6N)	CL	163
PALMDALE (1973)	2635.827	CS MON 2IN UP 50FT N C/L PALMDALE BLVD & 50FT E C/L 65TH ST E (N EDGE)	CL	164
PALMDALE (1973)	2635.265	CS MON IN WELL @ C/L INT PALMDALE BLVD & 65TH ST E MKD (CTR SEC 26 R11W T6N)	CL	165
PALMDALE (1973)	2627.546	CS MON 18IN DN ON C/L 60TH ST E ON C/L PROD OF PALMDALE BLVD FROM THE E MKD (1/4 COR SEC 26, 27 R11W T6N) (USE E EDGE)	CL	167
PALMDALE (1973)	2625.675	CS MON 40FT E C/L 55TH ST E & 40 FT N C/L PALMDALE BLVD 3FT NW PP NO 971017E	CL	168
PALMDALE (1973)	2615.074	USC&GS MON UP 4IN 232FT W C/L 47TH ST E & 45FT N C/L PALMDALE BLVD MKD (E-306 1935) 2IN IP WITNESS POST 3FT UP 1FT S	CL	171
BASELINE (1973)	2494.020	USC&GS DISK IN CONC POST 92FT N & 65FT W C/L INT AVE M & 40TH ST W MKD (F 489 1955)	CL	172
BASELINE (1973)	2495.190	L&T CONC SLAB NW COR PORCH TO HSE NO 42002 50TH ST W 48FT N & 66FT E C/L INT 50TH ST W & AVE M	CL	180
PALMDALE (1973)	2595.378	L&BN E CB 35TH ST E 30FT E C/L & 175FT N C/L PALMDALE BLVD	CL	204
PALMDALE (1973)	2595.678	RDBM TAG W CB 35TH ST E 30FT W C/L & 161FT N C/L PALMDALE BLVD	CL	205
PALMDALE (1973)	2600 .830	RDBM TAG N CB OF SERVICE RD TO PALMDALE BLVD @ NW COR PALMDALE BLVD & 32ND ST E 1.5FT W OF BCR 80FT N & 47FT W C/L INT	CL	206

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	2597.723	L&BRAD 2FT W OF BCR @ NW COR AVE Q-7 & FRONTIER AVE 30FT N & 50FT W C/L INT	CL 207
PALMDALE (1973)	2599.756	L&BRAD 4FT E BCR @ NE COR AVE Q-7 & 30TH ST E 80FT E & 30FT N C/L INT	CL 208
PALMDALE (1973)	2643.320	CS MON 11IN DN ON C/L 10TH ST E & 142FT N OF C/L INT PALMDALE BLVD & 10TH ST E MKD (1/4 SEC COR 26, 25, T6N R12W 1928) (USE N EDGE)	CL 215
BASELINE (1973)	2624.470	L&BN W SIDE CONC FTG FOR SURGE & BREATHER PIPE 902FT N AVE Q & 60FT E C/L OF 90TH ST E	CL 216
BASELINE (1973)	2617.027	L&BN W SIDE STAND PIPE AROUND SURGE & BREATHER PIPE 0.4 MI N AVE Q & 60FT E C/L 90TH ST E OPP PP NO 373189E	CL 217
BASELINE (1973)	2610.140	L&T W EDGE STAND PIPE AROUND SURGE & BREATHER PIPE 0.8 MI N AVE Q 60FT E C/L 90TH ST E 25FT S & 85FT E PP NO 373180E	CL 220
BASELINE (1973)	2603.612	L&BN NR SW COR OLD CONC FTG 50FT E & 35FT N C/L INT AVE P & 90TH ST E	CL 222
BASELINE (1973)	2588.943	CS MON IN WELL 18IN DN @ C/L INT 90TH ST E & AVE O-8 MKD (1/4 COR 18 17 T6N R10W)	CL 226
BASELINE (1973)	2589.093	L&BN SE COR CONC FTG OF SMALL TANK 15FT S OF ELEC PUMP 300FT N OF AVE O-8 & 60FT E OF C/L 90TH ST E	CL 227
BASELINE (1973)	2575.893	RDBM TAG CONC FTG OF 8FT CHAIN LINK FENCE AROUND EDISON SUB STA 30FT S & 30FT E C/L INT OF 90TH ST E & AVE Q	CL 230
BASELINE (1973)	2560.281	CS MON IN WELL 10IN DN @ C/L INT 90TH ST E & AVE N-8 MKD (1/4 COR 7 8 T6N R10W)	CL 235
BASELINE (1973)	2535.607	CS MON IN WELL 18IN DN @ C/L INT 90TH ST E & AVE M-8 MKD (1/4 COR 5 6 T6N R10W)	CL 242
BASELINE (1973)	2536.511	2IN IP (W EDGE) 12IN UP ON NW COR 90TH ST E & AVE M-8 40FT N & 40FT W C/L INT	CL 243
BASELINE (1973)	2523.094	USC&GS BRASS DISK IN TOP OF CONC POST 4IN UP 208FT E OF C/L 20TH ST W & 33FT N C/L AVE M MKD (D 489 1955)	CL 330
BASELINE (1973)	2518.075	CS MON IN WELL 18IN DN @ C/L INT AVE M & 25TH ST W MKD (1/4 COR 32 5 T6N R12W)	CL 334

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2523.214	L&T IN SE COR OF CONC DR TO HSE NO 2524 AVE M 140FT S C/L & 215FT W C/L 25TH ST W	CL 335
BASELINE (1973)	2520.107	USC&GS MON TOP OF CONC POST 4IN UP 300FT E C/L 30TH ST W & 34FT N C/L AVE M 6FT W PP NO 1054594E MKD (E 489 1955)	CL 336
BASELINE (1973)	2514.806	CS MON IN WELL @ C/L INT AVE M & 30TH ST W MKD (SEC COR 31 32 5 6 T7N T6N R12W)	CL 337
PALMDALE (1973)	2613.585	USC&GS MON 64FT E C/L SIERRA HWY & 225FT N C/L AVE P 39FT W OF W RAIL SPRR MKD (W 425 1935)	CL 339
PALMDALE (1973)	2634.463	L&BN 1.5FT W OF BCR @ SW COR OF CAROLSIDE AVE & PICTORIAL ST	CL 341
PALMDALE (1973)	2667.010	CS MON IN WELL 20IN DN @ C/L INT AVE P & 10TH ST W MKD (16 15 21 22 T6N R12W)	CL 345
PALMDALE (1973)	2686.923	RDBM TAG IN N CB BEECHDALE DR 18FT N C/L & 130FT W OF C/L OF 10TH ST W	CL 347
PALMDALE (1973)	2686.867	RDBM TAG 1FT W OF BCR @ SW COR OF BEECHDALE DR & 10TH ST W 18FT S & 77FT W OF C/L INT	CL 348
PALMDALE (1973)	2696.140	SPK IN PP 759354E @ SW COR 10TH ST W & YUCCA TREE ST	CL 349
PALMDALE (1973)	2695.186	L&T IN CONC CLEANOUT BX TO 30IN CIP IN FRONT OF HSE 39011 10TH ST W 43FT W C/L & 252FT S C/L YUCCA TREE ST	CL 350
PALMDALE (1973)	2635.992	RDBM TAG CONC FTG OF POST @ NW COR AVE R & 47TH ST E 30FT N & 64FT W C/L INT	CL 352
PALMDALE (1973)	2635.499	L&BN IN E END OF CONC SLAB @ GATE ENTRANCE ON N SIDE OF AVE R 30FT N C/L & 225FT W C/L OF 47TH ST E	CL 353
PALMDALE (1973)	2669.533	L&T NR N EDGE CONC DRWY TO GARAGE 99FT E C/L 47TH ST E & 160FT N C/L AVE R-12 14FT E OF CB SERVICE RD	CL 356
PALMDALE (1973)	2669.813	RDBM TAG 1FT S OF BCR 40FT E C/L 47TH ST E & 56FT S C/L AVE R-12	CL 357
PALMDALE (1973)	2692.764	L&T N END OF 1ST STEP OF HSE NO 37024 47TH ST E (HWY 138) 140FT E C/L & 0.3MI S AVE S 275FT S OF BEG CURVE TO E	CL 359

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBE
PALMDALE (1973)	2694.522	1 & T IN SE COR CONC APRON 143FT E C/L 47TH ST E (HWY 138) & 0.3MI S AVE S 150FT S HSE 37024 & 425FT S OF BEG CURVE TO E	CL	360
PALMDALE (1973)	2756.168	L&T W END OF 1ST CONC STEP OF PORCH OF HSE NO 4723 PEARBLOSSOM HWY 250FT E OF 47TH ST E & 175FT N C/L PEARBLOSSOM HWY	CL	364
PALMDALE (1973)	2760.408	L&T S END OF 1ST CONC STEP TO PORCH OF HSE NO 5004 PEARBLOSSOM HWY 50FT E C/L 50TH ST E & 90FT S C/L PEARBLOSSOM HWY	CL	366
PALMDALE (1973)	2754.207	L&T 3FT E OF W END GAS STA ISL 60FT N C/L PEARBLOSSOM HWY & 250FT W C/L HWY 138	CL	369
PALMDALE (1973)	2757.102	L&T NR CTR OF GAS STA ISL 90FT S C/L PEARBLOSSOM HWY & 90FT SW C/L HWY 138	CL	370
PALMDALE (1973)	2774.651	L&T NR SLY END OF CONC SLAB TO BLDG NO 5810 PEARBLOSSOM HWY 80FT W C/L & 0.4MI S AVE T	CL	371
PALMDALE (1973)	2775.932	L&T NR CTR OF CONC SLAB TO BLDG NO 5828 PEARBLOSSOM HWY 0.4 MI S OF AVE T & 80FT W OF C/L PEARBLOSSOM HWY	CL	372
PALMDALE (1973)	2811.998	RDBM MON IN WELL 45FT E C/L PEARBLOSSOM HWY & 400FT N BLDG 6630 1.0MI SE AVE T 5FT S TP 647301H ANGLE IRON MARKER POST 2FT UP 2.5FT S*LY	CL	373
PALMDALE (1973)	2817.358	L&T IN SW COR CONC SLAB BLDG 6630 PEARBLOSSOM HWY 60FT W C/L & 1.2MI S AVE T 345FT N OF CURVE TO NW	CL	374
PALMDALE (1973)	2860.741	RDBM MON 46FT NE C/L PEARBLOSSOM HWY & 75FT NW OF CURVE TO E @ TOWN OF LITTLE ROCK 5FT S TP 647299H ANGLE IRON MARKER POST 3FT UP 3FT S	CL	376
PALMDALE (1973)	2885.819	RDBM TAG N END OF W ABUT OF BRIDGE NO 53-303 OVER LITTLE ROCK CREEK 15FT N OF C/L OF PEARBLOSSOM HWY	CL	377
PALMDALE (1973)	2886.202	RDBM TAG S END OF E ABUT OF BRIDGE NO 53-303 OVER LITTLE ROCK CREEK 15FT S OF C/L PEARBLOSSOM HWY	CL	378
PALMDALE (1973)	2896.401	L&T @ SW COR CONC WK IN FRONT OF BLDG NO 7313 PEARBLOSSOM HWY 60FT N C/L & 0.3 MI E OF BRIDGE NO 53-303 OVER LITTLE ROCK CREEK	CL	380
PALMDALE (1973)	2910.347	USGS MON (W EDGE) @ SE COR PEARBLOSSOM HWY & 77TH ST E 30FT E & 27FT S C/L INT MKD (2910) ANGLE IRON MARKER POST 3FT UP & 1FT E	CL	381

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBER
BASELINE (1973)	2491.198	CS MON IN WELL 14IN DN @ C/L INT AVE M & 50TH ST W MKD (CO SUR 35 36 2 1 T7N T6N R13W 1927) (W EDGE)	CL	394
BASELINE (1973)	2496.524	CS MON IN WELL 18IN DN @ C/L INT OF AVE M & 55TH ST W MKD (CO SUR 1/4 COR SEC 35, 2 R-13W T-7N T-6N USE S EDGE)	CL	395
BASELINE (1973)	2513.813	CS MON IN WELL 22IN DN @ C/L INT OF AVE M & 60TH ST W MKD (SEC COR 34 35 3 2 T7N T6N R13W)	CL	397
PALMDALE (1973)	2603.645	RDBM TAG ON E SIDE OF CONC COLLAR AROUND 36IN STAND PIPE 240FT N C/L AVE M-8 & 36FT E C/L 60TH ST W	CL	400
PALMDALE (1973)	2613.948	CS MON IN WELL 12IN DN @ C/L INT 60TH ST W & AVE M-8 MKD (1/4 COR SED 2 SEC 3 T6N R13W) USE N EDGE	CL	401
PALMDALE (1973)	2724.170	RDBM TAG IN SE COR OF CONC FOUNDATION OF PUMP HSE 51FT E C/L 60TH ST W & 260FT N C/L OF AVE N	CL	402
PALMDALE (1973)	2686.396	RD MON IN WELL W/COVER @ NW COR OF AVE N & 55TH ST W 8FT N & 101FT W OF C/L INT	CL	404
PALMDALE (1973)	2637.817	CS MON IN WELL 24IN DN @ C/L INT OF AVE N & 50TH ST W MKD (2 1 11 12 R13W T6N)(NE EDGE)	CL	405
PALMDALE (1973)	2640.186	USGS MON 4IN UP 30FT N C/L AVE N & 45FT E C/L 50TH ST W MKD (R 50 1929) 2IN IP 1FT S WITNESS	CL	406
PALMDALE (1973)	2556.397	CS MON IN WELL 10IN DN @ C/L INT OF 50TH ST W & AVE M-8 MKD (1/4 COR 2 1 R13W T6N)(NW EDGE)	CL	407
PALMDALE (1973)	2515.874	RDBM TAG S CB TO SCHOOL 5FT NE OF END OF CB 50FT N & 43FT E OF C/L INT OF 50TH ST W & AVE M-4	CL	409
PALMDALE (1973)	2505.476	L&T IN MC IN E CB OF DRWY TO QUARTZ HILL SCHOOL 100FT E C/L 50TH ST W & 590FT N AVE M-4	CL	410
PALMDALE (1973)	3226.521	USC&GS MON FLUSH 35FT W C/L SIERRA HWY & 0.5MI S INT NEW ANGELES FOREST HWY MKD (S 431 1935)	CL	441
PALMDALE (1973)	2911.184	USC&GS MON 85FT E C/L SIERRA HWY & 0.4MI N PEARBLUSSOM HWY 6FT S TP 6010 MKD (M 811 RESET 1955)	CL	446
PALMDALE (1973)	2867.548	USC&GS MON 3IN UP 45FT E C/L SIERRA HWY & 0.35MI S SPRR CROSSING 71FT N/O N EDGE HDWL CULV 19.76 95FT NE PP 618780H MKD (E 430 1935)	CL	448

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	2826.723	USC&GS MON 4IN UP 39FT W C/L SPRR & 177FT S C/L BARREL SPRINGS RD MKD (P 429 1935)	CL 450
PALMDALE (1973)	2831.616	USC&GS MON 4IN UP 43FT W C/L SPRR & 132FT N C/L BARREL SPRINGS RD MKD (M 429 1935)	CL 451
PALMDALE (1973)	2800.898	USC&GS MON 3IN UP 89FT SW C/L SIERRA HWY & 81FT NE CL SPRR 150FT W/O EXIT TO UNA LAKE 0.5MI S AVE S MKD (U 428 1935)	CL 452
PALMDALE (1973)	2802.824	USC&GS MON 1FT S OF N END HDWL CULV UNDER SPRR 21FT E C/L SPRR & 70FT W PALM IRRIG DIST DRAIN PUMP 0.5MI S AVE S MKD (T 487 1955)	CL 453
PALMDALE (1973)	2710.819	USC&GS MON 3IN UP 43FT E & 80FT S C/L INT SPRR & AVE R-8 48FT W C/L SIERRA HWY MKD (H427 1935)	CL 456
PALMDALE (1973)	2656.944	USC&GS MON FLUSH 185FT N C/L PALMDALE BLVD & 26FT E C/L SPRR MKD (X 811 1947)	CL 460
PALMDALE (1973)	2617.564	USC&GS MON FLUSH 174FT E C/L SIERRA HWY & 118FT S C/L AVE P-8 44FT W C/L SPRR MKD (B 426 1935)	CL 462
PALMDALE (1973)	2608.018	USC&GS MON 4IN UP 39FT W C/L SPRR & 67FT E C/L SIERRA HWY 420FT S TP LINE 0.5MI N AVE P MKD (U 425 1935)	CL 463
PALMDALE (1973)	2591.004	CS MON IN WELL 22IN DN @ C/L INT 10TH ST E & AVE P MKD (CG SURV SEC COR 13 14 23 24 R12W T6N R E 5869) USE NE EDGE	CL 502
PALMDALE (1973)	2592.402	RE MON IN WELL 8IN DN @ NE COR AVE P & 10TH ST E 170FT E & 34FT N C/L INT & 10FT W OF PP NO 1055339E 2IN I P WITNESS POST 3FT UP & 1.5' N	CL 503
PALMDALE (1973)	2557.910	CS MON (E EDGE) IN WELL 12IN DN 26FT E C/L INT AVE P & 25TH ST E MKD (1/4 COR 18 19 R11W T6N)	CL 508
PALMDALE (1973)	2551.238	CS MON 12IN DN @ C/L INT AVE P & 30TH ST E MKD (17-18-19-20 R11W T6N)USE N EDGE	CL 510
PALMDALE (1973)	2551.989	RD MON IN WELL 8IN DN @ NE COR AVE P & 30TH ST E 50FT E & 30FT N C/L INT & 10FT E PP NO 1055295E 2IN IP WITNESS POST 3FT UP 2FT N	CL 511
PALMDALE (1973)	2578.614	CS MON IN WELL 14IN DN @ C/L INT AVE Q & 30TH ST E MKD (19-20 29-30 R11W T6N) USE W EDGE	CL 514
PALMDALE (1973)	2580.545	L&BRAD 2FT S BCR @ SE COR AVE Q & 30TH ST E 40FT E & 72FT S OF C/L INT	CL 515

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM	NUMBER
PALMDALE (1973)	2550.839	CS MON (N EDGE) IN WELL 18IN DN @ C/L INT AVE P & 35TH ST E MKD (1/4 COR SEC 17 20 R11W T6N)	CL	516
PALMDALE (1973)	2552.458	RDBM MON IN WELL 6IN DN 54FT E & 34FT N C/L INT AVE P & 35TH ST E 10FT E PP 1055284E 2IN IP WITNESS POST 3FT UP 2FT N	CL	517
PALMDALE (1973)	2550.779	CS MON IN WELL 16IN DN @ C/L INT AVE P & 40TH ST E MKD (SEC COR 16-17-20-21 R11W T6N CO SURV 1926) USE N EDGE	CL	518
PALMDALE (1973)	2552.679	RDBM MON IN WELL 6IN DN 48FT E C/L 40TH ST E & 30FT N C/L AVE P 6FT E PP 1055272E 2IN IP WITNESS POST 3FT UP 2FT SE	CL	519
PALMDALE (1973)	2556.244	CS MON IN WELL 24IN DN @ C/L INT AVE P & 45TH ST E MKD (1/4 COR 16 21 R11W T6N) USE N EDGE	CL	520
PALMDALE (1973)	2557.920	RDBM MON IN WELL 6IN DN 100FT E C/L 45TH ST E & 4FT S C/L AVE P	CL	521
PALMDALE (1973)	2560.571	RDBM MON IN WELL 6IN DN 100FT W C/L 50TH ST E & 4FT S C/L AVE P	CL	522
PALMDALE (1973)	2559.580	CS MON IN WELL 24IN DN @ C/L INT AVE P & 50TH ST E MKD (SEC COR 15-16-21-22 R11W T6N)(W EDGE)	CL	523
PALMDALE (1973)	2579.095	CS MON IN WELL 14IN DN @ C/L INT 50TH ST E & AVE P-8 MKD (1/4 COR 21-22 R11W T6N)	CL	524
PALMDALE (1973)	2597.344	CS MON IN WELL 12IN DN @ C/L INT 50TH ST E & AVE Q MKD (SEC COR 21-22-27-28 R11W T6N)	CL	527
PALMDALE (1973)	2570.034	CS MON IN WELL 6IN DN @ C/L INT 40TH ST E & AVE P-8 MKD (1/4 COR 20 21 R11W T6N CO SURV)	CL	528
PALMDALE (1973)	2587.233	RDBM MON IN WELL 6IN DN 121FT E C/L 40TH ST E & 57FT N C/L AVE Q ON POLE LINE 6FT E PP NO 179025E	CL	530
PALMDALE (1973)	2587.267	CS MON (W EDGE) IN WELL 12IN DN @ C/L INT 40TH ST E & AVE Q MKD (SEC COR 20 21 28 29 R11W T6N) CO SURV 1926	CL	531
PALMDALE (1973)	2623.358	L&BN N CB AVE R 2.3FT E BCR @ NE COR AVE R & 20TH ST E 66FT E & 30FT N C/L INT	CL	646
PALMDALE (1973)	2661.628	CS MON 12IN DN ON C/L 20TH ST E 0.5MI S AVE R MKD (1/4 SEC COR 36 31 R11W R12W T6N 1929)	CL	648

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	2714.678	CS MON IN WELL 18IN DN ON C/L INT 20TH ST E & GOLD AVE S (FRONTAGE RD) MKD (CO SURV SEC COR 36 31 1 T6N T5N R11W R12W)	650
PALMDALE (1973)	2727.886	CS MON (N EDGE) IN WELL 6IN DN @ C/L INT 15TH ST CL E & AVE S MKD (1/4 COR 36 T6N T5N R12 W RE 5869)	655
PALMDALE (1973)	2690.219	CS MON IN WELL 10IN DN NW EDGE ON C/L AVE S 71FT CL W 25TH ST E MKD (1/4 COR 31 T6N T5N R11W RE 5869)	656
PALMDALE (1973)	2668.985	CS MON IN WELL 20IN DN @ C/L INT AVE S & 30TH ST CL E MKD (CO SURV 31 32 6 T6N T5N R11W) USE W EDGE	658
PALMDALE (1973)	2671.221	L&T NW COR SLAB TO GRAIN ELEVATOR 100FT E/O C/L CL 40TH ST E TO N & 136FT S/O C/L AVE S MKD (BM)	663
PALMDALE (1973)	2670.524	CS MON IN WELL 22IN DN @ C/L INT 45TH ST E TO N CL & AVE S MKD (CO SURV 1/4 COR 33 T5N T6N R11W) USE S EDGE	664
PALMDALE (1973)	2534.712	RDBM MON IN WELL 8IN DN ON NW COR AVE N & PROP CL 85TH ST E 100FT W & 50FT N C/L INT 2IN IP MARKER 2FT N	682
PALMDALE (1973)	2531.479	RDBM MON IN WELL 8IN DN ON NW COR AVE N & 80TH CL ST E 100FT W & 50FT N C/L INT 2IN IP MARKER 2FT N	684
PALMDALE (1973)	2528.623	L&T CONC ISL OF GAS PUMP 66FT S C/L AVE N & CL 170FT E C/L 76TH ST E MKD (BM)	685
PALMDALE (1973)	2517.589	RDBM MON IN WELL 8IN DN ON NW COR AVE N & 70TH CL ST E 100FT W & 50FT N C/L INT 2IN IP MKR 2FT N	688
PALMDALE (1973)	2512.700	RDBM MON IN WELL 8IN DN ON NW COR AVE N & PROP CL 65TH ST E 100FT W & 50FT N C/L INT 2IN IP MARKER 2FT N 3FT UP	690
PALMDALE (1973)	2505.104	CS MON IN WELL 24IN DN @ C/L INT AVE N & 60TH ST CL E MKD (SEC COR 2-3-10-11 T6N R11W)	691
PALMDALE (1973)	2504.169	RDBM MON IN WELL 2IN DN ON NE COR AVE N & PROP CL 55TH ST E 100FT E & 50FT N C/L INT	693
PALMDALE (1973)	2503.146	CS MON IN WELL 24IN DN @ C/L INT AVE N & PROP CL 55TH ST E MKD (1/4 COR 3-10 T6N R11W)	694
PALMDALE (1973)	2501.933	L&T CONC WK TO HSE ON SE COR AVE N & 50TH ST E CL 150FT E & 84FT S C/L INT MKD (BM)	695
PALMDALE (1973)	2499.641	CS MON IN WELL 8IN DN @ C/L INT AVE N & 50TH ST CL E MKD (SEC COR 3-4-9-10 T6N R11W)	696

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	2514.178	L&T CONC WK @ HSE ON NW COR 50TH ST E & AVE N-8 110FT N & 56FT W C/L INT MKD (BM)	CL 697
PALMDALE (1973)	2529.966	CS MON IN WELL 8IN DN @ C/L INT 50TH ST E & AVE O MKD (SEC COR 9-10-15-16 T6N R11W)	CL 699
PALMDALE (1973)	2531.253	RD MON IN WELL 8IN DN ON SW COR 50TH ST E & AVE O 100FT S & 50FT W C/L INT 2IN IP 2FT W 3FT UP	CL 700
PALMDALE (1973)	2543.443	CS MON IN WELL 8IN DN @ C/L INT 50TH ST E & AVE O-8 PROP MKD (1/4 COR 15-16 T6N R11W) USE S EDGE	CL 701
PALMDALE (1973)	2543.973	RD MON IN WELL 8IN DN ON SW COR 50TH ST E & AVE O-8 100FT S & 50FT W C/L INT 2IN IP MARKER 2FT W 3FT UP	CL 702
PALMDALE (1973)	3266.886	RDBM TAG N END HDWL 22FT E C/L ANGELES FOREST HWY & 492FT N OF S COR EDISON SUBSTA 1.7MI S SIERRA HWY	CL 733
PALMDALE (1973)	3265.871	RDBM TAG N END HDWL 22FT W C/L ANGELES FOREST HWY & 492FT N OF S COR EDISON SUBSTA 1.7MI S SIERRA HWY	CL 734
PALMDALE (1973)	3236.778	RDBM TAG N END HDWL 28FT W C/L ANGELES FOREST HWY & 2.2MI S SIERRA HWY	CL 735
PALMDALE (1973)	3241.611	RDBM TAG N END HDWL 22FT E C/L ANGELES FOREST HWY & 2.2MI S SIERRA HWY	CL 736
PALMDALE (1973)	3272.488	RDBM TAG N END HDWL 25FT W C/L ANGELES FOREST HWY & 2.4MI S SIERRA HWY	CL 737
PALMDALE (1973)	3275.212	RDBM TAG N END HDWL 25FT E C/L ANGELES FOREST HWY & 2.4MI S SIERRA HWY	CL 738
PALMDALE (1973)	3363.784	RDBM TAG N END HDWL 22FT W/O C/L ANGELES FOREST HWY & 2.9MI S SIERRA HWY	CL 739
PALMDALE (1973)	3375.007	RDBM TAG NW COR CONC FRAME AROUND PUMP OF WINDMILL 70FT E C/L ANGELES FOREST HWY & 3.0MI S SIERRA HWY IN YD HSE 32300	CL 740
PALMDALE (1973)	3465.695	RDBM TAG N END HDWL 33FT W C/L ANGELES FOREST HWY & 3.4MI S SIERRA HWY	CL 741
PALMDALE (1973)	3468.684	RDBM TAG CTR ROCK HDWL 29FT E C/L ANGELES FOREST HWY & 3.4MI S SIERRA HWY	CL 742

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	3566.743	SPK & RD WASHER IN POST OF BRIDGE B 793 25FT W C/L ANGELES FOREST HWY NR EDISON POWER LINE CROSSING 3.8MI S SIERRA HWY	CL 743
PALMDALE (1973)	3574.042	RDBM TAG SW FTG EDISON TOWER 230-5 133FT E C/L ANGELES FOREST HWY & 3.8MI S SIERRA HWY NR BRIDGE B 793	CL 744
PALMDALE (1973)	3680.939	CS MON 3IN UP 42FT N C/L ANGELES FOREST HWY & 0.5MI W/O MT EMMA RD MKD (PROP LINE MON 12IN) 2IN I P 3FT UP 5FT S	CL 745
PALMDALE (1973)	3683.669	CS MON 3IN UP 39FT S C/L ANGELES FOREST HWY & 0.5MI W MT EMMA RD MKD (PROP LINE MON 11) 2IN IP 3FT UP 5FT S	CL 746
PALMDALE (1973)	3056.304	1&T N FTG TOWER 203-2 100FT S C/L MT EMMA RD & 210FT E C/L CHESEBORO RD TOWER LEG MKD (BM Q)	CL 747
PALMDALE (1973)	2886.424	CSBM MON 1.5FT E OF E CB ON NE COR 82ND ST E & PEARBLOSSOM HWY 106FT N & 24FT E C/L INT 5FT N TP NO 494851E MKD (BM 106-19 1958)	CL 764
PALMDALE (1973)	2889.384	RDBM TAG N CB PEARBLOSSOM HWY 48FT E BCR NE COR 82ND ST E 22FT N & 97FT E C/L INT	CL 765
PALMDALE (1973)	2943.576	RDBM MON IN WELL 8IN DN NE COR 82ND ST E & AVE V 107FT N & 50FT E C/L INT 2IN IP MARKER 2FT E 3FT UP	CL 766
PALMDALE (1973)	3003.408	RDBM TAG SW FTG TOWER 221-6 @ NE COR 87TH ST E & FT TEJON RD 50FT N & 95FT E C/L INT	CL 769
PALMDALE (1973)	3089.418	RDBM MON IN WELL 8IN DN 50 FT N/O C/L FORT TEJON RD & 0.2MI E/O MT EMMA RD NR MI POST NO 1.37 2IN IP MKR 3FT UP & 2FT N	CL 770
PALMDALE (1973)	3097.926	RDBM MON IN WELL 8IN DN 50FT S/O C/L FORT TEJON RD & 0.2MI E/O MT EMMA RD NR MI POST MKR NO 1.07 2IN IP MKR 3FT UP & 2FT S	CL 771
PALMDALE (1973)	3156.365	RDBM MON IN WELL 8IN DN 50FT N/O C/L FORT TEJON RD & 1.0MI E/O MT EMMA RD 80FT NE OF TP 116-570 NR MILEAGE MKR NO 1.73 2IN IP MKR 3FT UP & 2FT N	CL 772
PALMDALE (1973)	3158.984	RDBM MON IN WELL 8IN DN 50FT S C/L FT TEJON RD & 1.0MI E/O MT EMMA RD 68FT S E OF TP 116-571 NR MILEAGE MKR NO 1.83 2IN IP MKR 3FT UP & 2FT N	CL 773
PALMDALE (1973)	3197.965	RDBM MON IN WELL 8IN DN @ NW COR FT TEJON RD & 101ST ST E 100FT W & 50FT N C/L INT 2IN IP MKR 3FT UP 2FT N	CL 774

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
PALMDALE (1973)	3202.327	RDBM MON IN WELL 8IN DN @ SW COR FT TEJON RD & 101ST ST E 50FT S & 105FT W C/L INT 2IN IP MKR 2FT S 3FT UP	CL 775
BASELINE (1973)	3265.617	RDBM MON IN WELL 8IN DN ON SW COR FT TEJON RD & 106TH ST E 100FT S & 50FT W C/L INT 2IN IP MARKER 2FT W 3FT UP	CL 776
BASELINE (1973)	3164.688	CS MON IN WELL 30IN DN @ C/L INT 106TH ST E & PROP AVE W MKD (SEC COR 20-21 28-29 R10W T5N) (E EDGE)	CL 778
BASELINE (1973)	3168.528	RDBM MON IN WELL 8IN DN ON NE COR 106TH ST E & PROP AVE W 100FT N & 50FT E C/L INT 2IN IP MARKER 2FT E 3FT UP	CL 779
BASELINE (1973)	3116.060	RDBM MON IN WELL 8IN DN SW COR 106TH ST E & AVE V-8 90FT S & 50FT W C/L INT 2IN IP MARKER 2FT W 3FT UP	CL 780
BASELINE (1973)	3114.688	1-1/2IN IP & CUT SPK IN WELL 8IN DN @ C/L INT 106TH ST E & AVE V-8	CL 781
BASELINE (1973)	3046.009	L&T IN SLY CONC FTG OF LA DEPT W&P TOWER NO H220-1 ON SW COR 106TH ST E & AVE V 190FT S & 56FT W C/L INT MKD (BM)	CL 782
BASELINE (1973)	3039.497	CS MON IN WELL 18IN DN @ C/L INT 106TH ST E & AVE V MKD (16-17-20-21 T5N R10W) (N EDGE)	CL 783
BASELINE (1973)	2963.862	USGS MON 10IN UP ON SW COR 106TH ST E & PEARBLOSSOM HWY 61FT S & 43FT W C/L INT MKD (LS 23 1929)	CL 784
BASELINE (1973)	2610.028	CSBM MON 5IN UP 76FT N & 44FT W C/L INT AVE M & 70TH ST W 4FT N PP 1183862E MKD (BM 104-17 1958)	CL 905
BASELINE (1973)	2643.907	CS MON IN WELL @ C/L INT PALMDALE BLVD & 90TH ST E MKD (1/4 SEC 29 30 T6N R10W)	CL 1015
BASELINE (1973)	2525.992	CSBM MON 4IN UP 36FT N C/L AVE M & 36FT E C/L 90TH ST E MKD (BM 107-18 1961)	CL 1182
BASELINE (1973)	2536.604	CSBM MON 4IN UP ON NE COR 90TH ST E & AVE M-8 40FT N & 38FT E C/L INT MKD (BM 107-17 1961)	CL 1183
BASELINE (1973)	2554.780	CSBM MON 4IN UP 40FT S C/L AVE N & 30FT W C/L 90TH ST E MKD (BM 107-16 1961)	CL 1184
BASELINE (1973)	2560.529	CSBM MON 6IN UP 25FT S C/L AVE N-8 & 60FT E C/L 90TH ST E MKD (BM 107-15 1961)	CL 1185

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1973)	2577.099	CSBM MON 6IN UP DN NE COR 90TH ST E & AVE O 205FT N & 33FT E C/L INT MKD (BM 107-14 1961)	CL 1186
BASELINE (1973)	2589.774	CSBM MON 6IN UP DN NE COR 90TH ST E & AVE O-8 300FT N & 35FT E C/L INT MKD (BM 107-13 1960)	CL 1187
BASELINE (1973)	2602.620	CSBM MON 6IN UP DN NE COR 90TH ST E & AVE P 30FT N & 68FT E C/L INT MKD (BM 107-12 1960)	CL 1188
BASELINE (1973)	2613.588	CSBM MON 6IN UP 36FT E C/L 90TH ST E & 20FT S C/L AVE P-8 MKD (BM 107-11 1960)	CL 1189
BASELINE (1973)	2626.095	CS MON IN WELL 22IN DN @ C/L INT 90TH ST E & AVE Q MKD (SEC COR 19 20 29 30 R10W T6N)	CL 1191
BASELINE (1973)	2644.176	CSBM MON 4IN UP DN NW COR 90TH ST E & PALMDALE BLVD 30FT N & 65FT W C/L INT MKD (BM 107-9 1960)	CL 1193
BASELINE (1973)	2947.012	CSBM MON 4IN UP @ SE COR PEARBLOSSOM HWY & 96TH ST E 31FT S & 177FT E C/L INT MKD (BM 106-22 1958)	CL 1205
BASELINE (1973)	2954.262	CSBM MON 6IN UP 40FT S C/L PEARBLOSSOM HWY & 0.6MI E 96TH ST E 50FT W CTR SMALL WASH @ MKR I720&28 MKD (BM 106-23 1958)	CL 1206
BASELINE (1973)	3332.668	CS MON 2IN UP 27FT N & 38FT E C/L INT ELIZABETH LAKE RD & JOHNSON RD 40FT W C/L DR TO ELIZABETH MISSION CATHOLIC CHURCH MKD (PC 21 RE 63)	CL 1327
BASELINE (1973)	3329.772	US FOREST RESERVE IP & MON 30FT S & 40FT E C/L INT JOHNSON RD & ELIZABETH LAKE RD @ NW COR 4FT BARBED WIRE FENCE 3FT W PP NO 1847478E MKD (BOUNDARY POST NO 83 1905)	CL 1328
BASELINE (1973)	3401.587	USGS MON @ SE COR ELIZABETH LAKE RD & SAN FRANCISQUITO CANYON RD 21FT S & 121FT E C/L INT MKD (3403 RESET SEPT 1939) 2IN I P WITNESS POST 2FT UP 1FT S	CL 1329
PALMDALE (1973)	3448.281	CSBM MON 6IN UP 30FT N C/L ELIZABETH LAKE RD & 0.35MI E SAN FRANCISQUITO CN RD 2FT N TP 111- 682 MKD (BM 111-28 1960)	CL 1330
PALMDALE (1973)	3450.425	CSBM MON 6IN UP 24FT S C/L ELIZABETH LAKE RD & 0.9 MI E SAN FRANCISQUITO CN RD 1FT N PP 767422E 37FT E OF S END CULV NO 14.49 & 62 W DIRT RD TO HSE NO 13136 MKD (BM 111-27 1960) 2IN IPWITNESS POST 3FT UP 2FT N	CL 1331

