

COUNTY OF LOS ANGELES
ROAD DEPARTMENT

PRECISE
BENCH MARK LIST



ANGELES FOREST QUAD

1965 ADJUSTMENT

NGVD 29 DATUM

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 Adjustment.

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
EM - - - - -	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

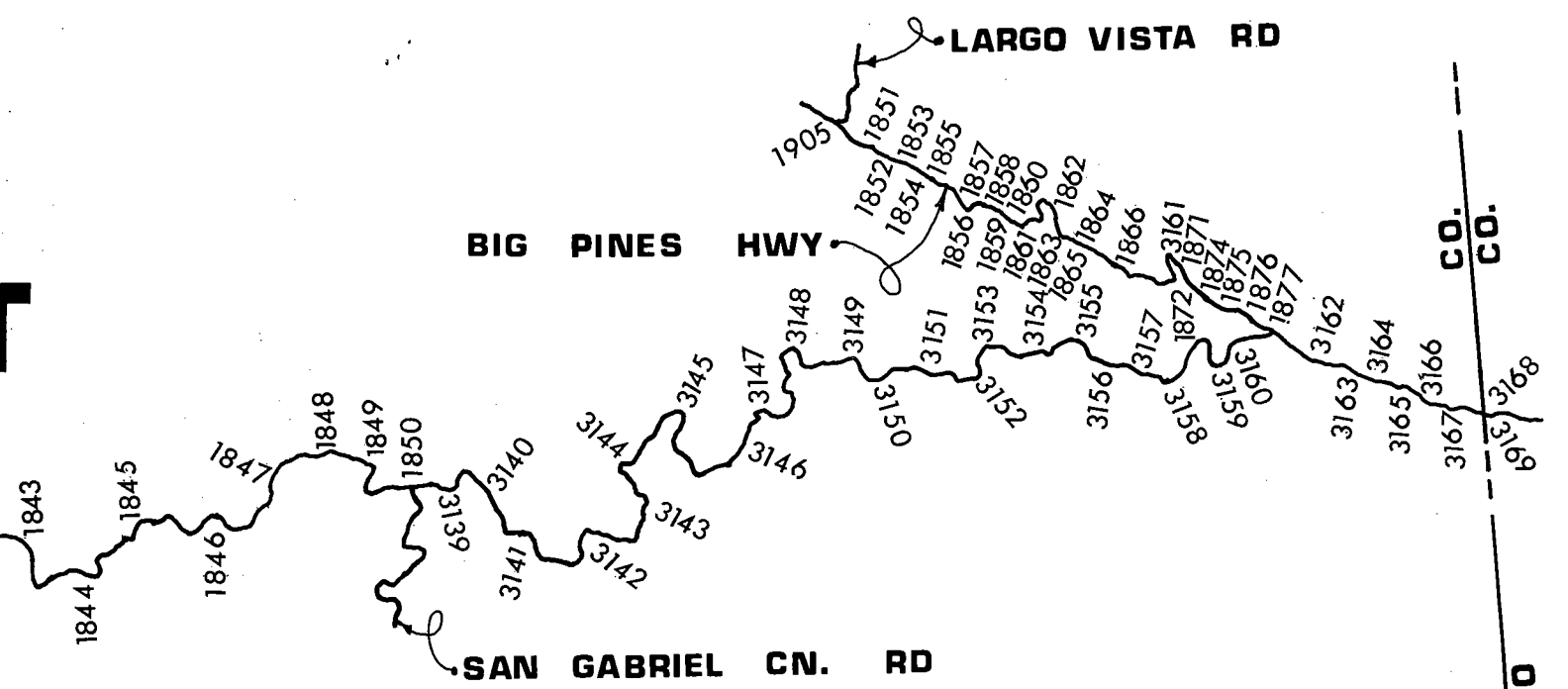
NR - - - - - Near
OPP - - - - - Opposite
PI - - - - - Point of Intersection
PK&W - - - - - PK Nail and Washer
P/L - - - - - Property Line
POST - - - - - Point on Semi-Tangent
PP - - - - - Power Pole
PVMT - - - - - Pavement
PROD - - - - - Produced
RD - - - - - Road
RDBM - - - - - Road Dept. Bench Mark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

LLANO QUAD

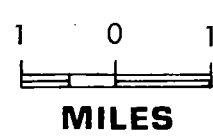
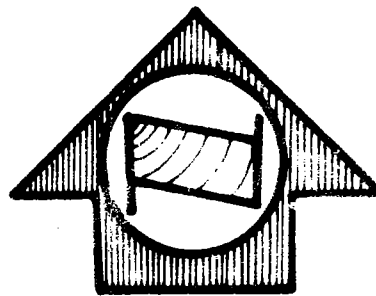
S

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AD



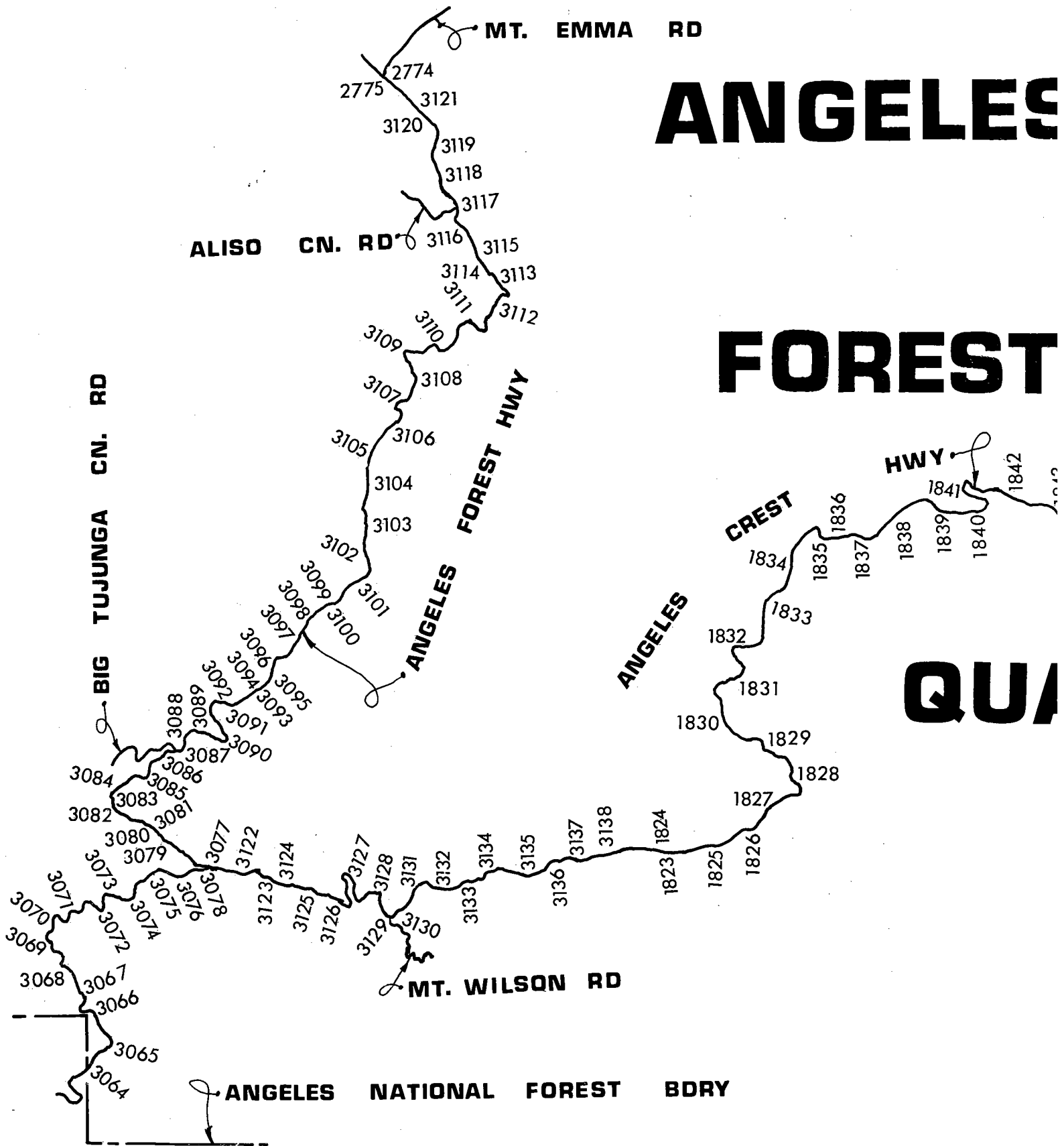
--- LOS ANGELES CO. / SAN BERNARDINO CO. ---



ANGELES

FOREST

QUA



QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	4684.820	L&BN CONC FLOOR WOMENS REST ROOM SHORTCUT CAMP GROUNDS MKD (BM)	BL 1823
ANG FOR (1965)	4684.340	L&BN CONC FLOOR MENS REST ROOM SHORTCUT CAMP GROUNDS MKD (BM)	BL 1824
ANG FOR (1965)	4817.198	L&T CONC RIM DROP INLET 15FT S APPROX C/L ANGELES CREST HWY & 0.9MI E INT ANGELES CREST HWY & BARLEY FLATS RD NR STA POST 1027&36 MKD (BM)	BL 1825
ANG FOR (1965)	5039.056	L&BN CONC HDWL 22FT S APPROX C/L ANGELES CREST HWY & 1.8MI E INT ANGELES CREST HWY & BARLEY FLATS RD NR STA POST 1072&85 MKD (BM)	BL 1826
ANG FOR (1965)	4971.811	L&BN CONC FRAME DROP INLET 15FT S APPROX C/L ANGELES CREST HWY & 2.9MI E INT ANGELES CREST HWY & BARLEY FLATS RD NR STA POST 1124&90 MKD (BM)	BL 1827
ANG FOR (1965)	5176.865	L&BN CONC FRAME DROP INLET 15FT E APPROX C/L ANGELES CREST HWY & 3.9MI E INT ANGELES CREST HWY & BARLEY FLATS RD NR STA POST 1177&25 MKD (BM)	BL 1828
ANG FOR (1965)	5405.882	L&BN ROCK FOUNDATION (APPROACHING CHARLTON FLAT) SIGN 17FT E APPROX C/L ANGELES CREST HWY & 5.0MI E INT ANGELES CREST HWY & BARLEY FLATS RD MKD (BM)	BL 1829
ANG FOR (1965)	5408.206	L&BN CONC HDWL 18FT E APPROX C/L ANGELES CREST HWY & 0.8MI E INT ANGELES CREST HWY & CHARLTON FLAT PICNIC AREA RD NR STA POST 1276&89 MKD (BM)	BL 1830
ANG FOR (1965)	5201.088	L&BN CONC HDWL 15FT E APPROX C/L ANGELES CREST HWY & 1.8MI E INT ANGELES CREST HWY & CHARLTON FLAT PICNIC AREA RD NR STA POST 1328&68	BL 1831
ANG FOR (1965)	5394.311	L&BN ROCK WALL AROUND VIEW POINT OF DEVIL & BEAR CYNS 80FT S APPROX C/L ANGELES CREST HWY & 2.8MI E INT ANGELES CREST HWY & CHARLTON FLAT PICNIC AREA RD MKD (BM)	BL 1832
ANG FOR (1965)	5319.371	L&BN ROCK WINGWALL OPP STORE @ NEWCOMB RANCH 19FT S APPROX C/L ANGELES CREST HWY MKD (BM)	BL 1833
ANG FOR (1965)	5655.778	L&BN ROCK WALL OF DRAIN 15FT E APPROX C/L ANGELES CREST HWY & 1.25MI E NEWCOMB RANCH STORE NR STA POST 1478&30 MKD (BM)	BL 1834

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QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	5870.701	L&BN ROCK WALL OF DRAIN 15FT S APPROX C/L ANGELES CREST HWY 2.8MI E NEWCOMB RANCH STORE & 200FT W DIRT RD TO ANGELES FOREST HWY NR CALIF RIDING & HIKING TRAIL CROSSING MKD (BM)	BL 1835
ANG FOR (1965)	5910.995	BRASS CAP IN ROCK @ INT OF HIKING TRAILS ON DIVIDE BETWEEN LITTLE ROCK CREEK & HORSE FLATS 125FT S ANGELES CREST HWY & 2.2MI NE CHILAO MKD (R 85 1929)	BL 1836
ANG FOR (1965)	5903.884	L&BN ROCK WALL OF DRAIN 15FT E APPROX C/L ANGELES CREST HWY & 3.0MI E NEWCOMB RANCH 300FT E DIRT RD TO ANGELES FOREST HWY MKD (BM)	BL 1837
ANG FOR (1965)	6334.324	L&BN ROCK WALL OF DRAIN 15FT S APPROX C/L ANGELES CREST HWY 4.5MI E NEWCOMB RANCH NR STA POST 1599&00 MKD (BM)	BL 1838
ANG FOR (1965)	6536.607	L&BN ROCK WINGWALL 35FT SE APPROX C/L ANGELES CREST HWY & 5.5MI E NEWCOMB RANCH NR STA POST 1644&77 MKD (BM)	BL 1839
ANG FOR (1965)	6730.745	L&BN CONC FOOTING 4IN PIPE GATE POST @ ENT TO L A GIRL SCOUT COUNCIL CAMP 35FT W APPROX C/L ANGELES CREST HWY & 6.2MI E NEWCOMB RANCH MKD (BM)	BL 1840
ANG FOR (1965)	6702.603	BRASS CAP MON IN ROCK @ SWITCHBACK CLOUDBURST CYN RD 500FT N ANGELES CREST HWY & RD TO GIRL SCOUT COUNCIL CAMP 2.3MI W BUCKHORN FLATS MKD (R 86 1929)	BL 1841
ANG FOR (1965)	6985.328	L&BN ROCK WALL OF DRAIN 16FT S APPROX C/L ANGELES CREST HWY & 7.3MI E NEWCOMB RANCH NR STA POST 1739&71 MKD (BM)	BL 1842
ANG FOR (1965)	6811.927	L&BN CONC HDWL (C 10.53) 20FT S APPROX C/L ANGELES CREST HWY & 8.3MI E NEWCOMB RANCH MKD (BM)	BL 1843
ANG FOR (1965)	6591.634	L&BN CONC HDWL 20FT E APPROX C/L ANGELES CREST HWY & 9.3MI E NEWCOMB RANCH NR STA POST 1838&68 MKD (BM)	BL 1844
ANG FOR (1965)	6706.122	L&BN CONC FRAME DROP INLET 15FT E APPROX C/L ANGELES CREST HWY 2.7MI E MT WATERMAN SKI LIFT NR STA POST 1888&70 MKD (BM)	BL 1845
ANG FOR (1965)	6839.258	L&BN CONC HDWL 18FT S APPROX C/L ANGELES CREST HWY & 3.7MI E MT WATERMAN SKI LIFT NR STA POST C1334&00 MKD (BM)	BL 1846

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	6639.020	1/2IN STEEL ROD IN CONC SLAB @ COR STATE OF CALIF STEEL GARAGE 53FT E APPROX C/L ANGELES CREST HWY & 4.8MI E MT WATERMAN SKI LIFT	BL 1847
ANG FOR (1965)	6733.222	STATE OF CALIF BRASS MON FLUSH WITH CB ANGELES CREST HWY @ W ENT TUNNEL NO 1 MKD (DIV OF HWYS)	BL 1848
ANG FOR (1965)	6740.791	STATE OF CALIF BRASS MON FLUSH WITH CB ANGELES CREST HWY @ E EXIT TUNNEL NO 2 MKD (DIV OF HWYS)	BL 1849
ANG FOR (1965)	6656.476	L&BN W SIDE DROP CATCH BASIN 45FT N C/L ANGELES CREST HWY & 50FT W C/L PROD ST HWY 39 @ ISLIP SADDLE	BL 1850
ANG FOR (1965)	5386.444	SPK&T TP 29629 30FT N APPROX C/L BIG PINES HWY & 0.75MI E INT BIG PINES HWY & LARGO VISTA RD	BL 1851
ANG FOR (1965)	5399.834	L&BN CONC WALL OF DRAIN 15FT S APPROX C/L BIG PINES HWY & 0.8MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 5.65 MKD (BM)	BL 1852
ANG FOR (1965)	5459.405	USC&GS BRASS MON 6IN UP 35FT S APPROX C/L BIG PINES HWY & 0.95MI E INT BIG PINES HWY & LARGO VISTA RD MKD (H 1167 1962) SIGN MKR 3FT UP 1FT S	BL 1853
ANG FOR (1965)	5484.229	SPK IN PP 1403482E 30FT S APPROX C/L BIG PINES HWY & 1.35MI E INT BIG PINES HWY & LARGO VISTA RD	BL 1854
ANG FOR (1965)	5495.891	SPK&T PP 1403483E 20FT N APPROX C/L BIG PINES HWY & 1.4MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 6.22	BL 1855
ANG FOR (1965)	5620.200	SPK&T PP 656223E 40FT S APPROX C/L BIG PINES HWY @ ALL NATIONS CAMP GROUNDS 1.9MI E INT BIG PINES HWY & LARGO VISTA RD	BL 1856
ANG FOR (1965)	5629.286	USC&GS BRASS MON IN LGE BOULDER 75FT S APPROX C/L BIG PINES HWY IN ALL NATIONS CAMP GROUNDS 1.9 MI E INT BIG PINES HWY & LARGO VISTA RD MKD (G 1167 1962)	BL 1857
ANG FOR (1965)	5708.862	L&BN CONC WALL DRAIN 20FT S APPROX C/L BIG PINES HWY & 2.15MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 6.94 MKD (BM)	BL 1858
ANG FOR (1965)	5796.400	L&BN CONC WALL DRAIN 18FT S APPROX C/L BIG PINES HWY & 2.4MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 7.15 MKD (BM)	BL 1859

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	5880.314	RDBM TAG CONC & ROCK WALL LARGE BASIN 33FT S APPROX C/L BIG PINES HWY & 2.8MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 7.60	BL 1860
ANG FOR (1965)	5914.485	USC&GS BRASS MON FLUSH IN CONC & ROCK WALL OF LGE DRAIN 45FT S APPROX C/L BIG PINES HWY & 2.9MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 7.71 MKD (J 1167 1962)	BL 1861
ANG FOR (1965)	6021.394	L&BN CONC HDWL 18FT S APPROX C/L BIG PINES HWY & 3.3MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 8.05 MKD (BM)	BL 1862
ANG FOR (1965)	6048.777	L&BN CONC HDWL 18FT S APPROX C/L BIG PINES HWY & 3.4MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 8.12 MKD (BM)	BL 1863
ANG FOR (1965)	6124.125	L&BN CONC WALL OF DRAIN 26FT NE APPROX C/L BIG PINES HWY & 4.1MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 8.80 MKD (BM)	BL 1864
ANG FOR (1965)	6125.442	L&BN CONC FLOOR OF REST ROOM 28FT N APPROX C/L BIG PINES HWY & 4.1MI E INT BIG PINES HWY & LARGO VISTA RD OPP JACKSON LAKE MKD (BM)	BL 1865
ANG FOR (1965)	6120.826	USC&GS BRASS MON FLUSH IN CONC WALL DRAIN 30FT S APPROX C/L BIG PINES HWY & 4.6MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 9.34 MKD (L 1167 1962)	BL 1866
ANG FOR (1965)	6366.266	USC&GS BRASS DISK IN CONC WALL DRAIN 25FT N APPROX C/L BIG PINES HWY & 5.9MI E INT BIG PINES HWY & LARGO VISTA RD MKD (M 1167 1962)	BL 1871
ANG FOR (1965)	6393.611	L&BN CONC WALL DRAIN 18FT S APPROX C/L BIG PINES HWY & 6.0MI E INT BIG PINES HWY & LARGO VISTA RD MKD (BM)	BL 1872
ANG FOR (1965)	6530.233	L&BN CONC WALL DRAIN 18FT N APPROX C/L BIG PINES HWY & 6.5MI E INT BIG PINES HWY & LARGO VISTA RD MKD (BM)	BL 1874
ANG FOR (1965)	6562.267	L&BN CONC WALL DRAIN 18FT N APPROX C/L BIG PINES HWY & 6.6MI E INT BIG PINES HWY & LARGO VISTA RD NR MILE POST 11.11 MKD (BM)	BL 1875
ANG FOR (1965)	6768.538	USC&GS BRASS MON IN CONC WALL DRAIN 18FT N APPROX C/L BIG PINES HWY & 7.0MI E INT BIG PINES HWY & LARGO VISTA RD MKD (N 1167 1962)	BL 1876
ANG FOR (1965)	6861.892	BRASS MON 7FT E PILLAR @ BIG PINES COUNTY PARK HDQTRS MKD (RS 1924 RESET 1926)	BL 1877

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1965)	5216.593	USC&GS MON 4IN UP NW COR BIG PINES HWY & LARGO VISTA RD 30FT N & 33FT W APPROX C/L INT MKD (F 1166 1962)	BL 1905
BASELINE (1965)	3791.815	BRAD IN 2IN IP 1IN UP ON C/L PROD MT EMMA RD 70FT W C/L ANGELES FOREST HWY	BL 2774
BASELINE (1965)	3787.357	L&BN CONC FOOTING 6FT CHAIN LINK FENCE RD DEPT YD NE COR MT EMMA RD & ANGELES FOREST HWY 100FT N & 150FT E C/L INT MKD (BM)	BL 2775
ANG FOR (1965)	2082.400	USC&GS MON @ ANG PT CONC HDWL OF CULV 144&73 15FT W C/L ANGELES CREST HWY & 2.7MI N FOOTHILL BLVD MKD (A 1149 1961)	BL 3064
ANG FOR (1965)	2187.365	USC&GS MON @ ANG PT CONC HDWL OF CULV 163&46 15FT W C/L ANGELES CREST HWY & 3.15MI N FOOTHILL BLVD MKD (B 1149 1961)	BL 3065
ANG FOR (1965)	2371.217	RDBM TAG CTR SHORT WINGWALL OF CULV 197&50 18FT W C/L ANGELES CREST HWY & 3.8MI N FOOTHILL BLVD	BL 3066
ANG FOR (1965)	2512.356	USC&GS MON @ SE COR BRIDGE 53-63 16FT E C/L ANGELES CREST HWY & 4.4MI N FOOTHILL BLVD MKD (D 1149 1961)	BL 3067
ANG FOR (1965)	2609.201	USC&GS MON CONC HDWL OF CULV 249&25 18FT W C/L ANGELES CREST HWY & 4.8MI N FOOTHILL BLVD MKD (E 1149 1961)	BL 3068
ANG FOR (1965)	2679.269	USC&GS MON @ SE COR BRIDGE 53-86 18FT E C/L ANGELES CREST HWY & 5.3MI N FOOTHILL BLVD MKD (F 1149 1961)	BL 3069
ANG FOR (1965)	2821.447	USC&GS MON CONC HDWL OF CULV 304&87 47FT W C/L ANGELES CREST HWY & 5.8MI N FOOTHILL BLVD MKD (G 1149 1961)	BL 3070
ANG FOR (1965)	2964.852	USC&GS MON SET VERTICALLY IN ROCK OUTCROP 17FT W C/L ANGELES CREST HWY & 6.4MI N FOOTHILL BLVD MKD (H 1149 1961)	BL 3071
ANG FOR (1965)	3104.413	USC&GS MON E END CONC RET WALL 17FT S C/L ANGELES CREST HWY & 6.9MI N FOOTHILL BLVD MKD (J 1149 1961)	BL 3072
ANG FOR (1965)	3297.525	USC&GS MON 4IN UP 35FT N C/L ANGELES CREST HWY & 7.5MI N FOOTHILL BLVD MKD (G 1151 1961)	BL 3073
ANG FOR (1965)	3447.194	USC&GS MON CONC HDWL OF CULV 421&61 18FT W C/L ANGELES CREST HWY & 8.1MI N FOOTHILL BLVD MKD (F 1151 1961)	BL 3074

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QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	3591.760	USC&GS MON SET VERTICALLY IN ROCK OUTCROP 21FT W C/L ANGELES CREST HWY & 8.6MI N FOOTHILL BLVD MKD (E 1151 1961)	BL 3075
ANG FOR (1965)	3655.334	USC&GS MON SET VERTICALLY IN ROCK OUTCROP 17FT S C/L ANGELES CREST HWY & 9.1MI N FOOTHILL BLVD MKD (D 1151 1961)	BL 3076
ANG FOR (1965)	3646.460	RDBM TAG CONC & ROCK FOOTING OF CLEAR CREEK STA SIGN 30FT N C/L INT ANGELES CREST HWY & ANGELES FOREST HWY	BL 3077
ANG FOR (1965)	3626.347	USC&GS MON SET VERTICALLY IN CLEAR CREEK STA FIRE TRUCK GARAGE @ INT ANGELES CREST HWY & ANGELES FOREST HWY MKD (C 1151 1961)	BL 3078
ANG FOR (1965)	3511.125	RDBM TAG CONC & ROCK WALL OF DRAIN 32FT SW C/L ANGELES FOREST HWY & 0.5MI NW ANGELES CREST HWY	BL 3079
ANG FOR (1965)	3368.627	RDBM TAG CONC FOUNDATION OF SIGN TO CLEAR CREEK CENTER @ NW COR ANGELES FOREST HWY & RD TO CENTER 28FT N & 23FT W C/L INT	BL 3080
ANG FOR (1965)	3367.642	RDBM TAG CONC & ROCK WALL OF DRAIN ON NE COR ANGELES FOREST HWY & RD TO CLEAR CREEK CENTER 30FT N & 19FT E C/L INT	BL 3081
ANG FOR (1965)	3283.038	RDBM TAG CONC & ROCK WALL @ CULV 22FT E C/L ANGELES FOREST HWY & 1.5MI NW ANGELES CREST HWY NR MILE POST 23.55	BL 3082
ANG FOR (1965)	3228.698	RDBM TAG CONC & ROCK HDWL OF CULV 20FT N C/L ANGELES FOREST HWY & 2.0MI NW ANGELES CREST HWY CAP MKD (STA 115&75)	BL 3083
ANG FOR (1965)	3328.654	RDBM TAG CONC & ROCK RET WALL 15FT W C/L ANGELES FOREST HWY & 2.5MI NW ANGELES CREST HWY NR MILE POST 22.59	BL 3084
ANG FOR (1965)	3373.817	RDBM TAG CONC & ROCK WALL 22FT N C/L ANGELES FOREST HWY & 3.1MI NW ANGELES CREST HWY NR MILE POST 22.00 CAP MKD (STA 158&63)	BL 3085
ANG FOR (1965)	3352.717	L&BN CTR CONC & ROCK WALL 20FT N C/L ANGELES FOREST HWY & 3.6MI NW ANGELES CREST HWY NR MILE POST 21.51 CAP MKD (STA 186&00)	BL 3086
ANG FOR (1965)	3239.300	RDBM TAG CONC DRAIN ON SW COR ANGELES FOREST HWY & BIG TUJUNGA CANYON RD 30FT S & 235FT W C/L INT	BL 3087

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	3239.641	L&T CONC & ROCK WALL OF DRAIN ON NW COR ANGELES FOREST HWY & BIG TUJUNGA CANYON RD 83FT N & 23FT W C/L INT MKD (BM)	BL 3088
ANG FOR (1965)	3200.554	RDBM TAG CONC & ROCK WALL OF DRAIN 23FT E C/L ANGELES FOREST HWY & 0.5MI NW BIG TUJUNGA CANYON RD NR MILE POST 20.55	BL 3089
ANG FOR (1965)	3052.347	RDBM TAG CONC & ROCK WALL OF DRAIN 25FT W C/L ANGELES FOREST HWY & 1.0MI NW BIG TUJUNGA CANYON RD NR MILE POST 20.08	BL 3090
ANG FOR (1965)	3047.756	L&T NR CTR CONC & ROCK HDWL 21FT N C/L ANGELES FOREST HWY & 1.5MI NW BIG TUJUNGA CANYON RD NR MILE POST 19.67 MKD (BM)	BL 3091
ANG FOR (1965)	2947.550	RDBM TAG CONC & ROCK WALL OF DRAIN 25FT W C/L ANGELES FOREST HWY & 2.0MI NW BIG TUJUNGA CANYON RD	BL 3092
ANG FOR (1965)	2871.889	RDBM TAG N CB ANGELES FOREST HWY @ E END BRIDGE B 822 OVER BIG TUJUNGA CREEK	BL 3093
ANG FOR (1965)	2902.165	RDBM TAG S CB ANGELES FOREST HWY @ W END BRIDGE B 822 OVER BIG TUJUNGA CREEK	BL 3094
ANG FOR (1965)	3021.095	RDBM TAG CONC & ROCK WALL @ TUNNEL ENT 18FT E C/L ANGELES FOREST HWY & 0.3MI N BRIDGE OVER BIG TUJUNGA CREEK	BL 3095
ANG FOR (1965)	3048.273	RDBM TAG CONC & ROCK MON FOR PARK 18FT W C/L ANGELES FOREST HWY & 200FT N TUNNEL ENT 0.5MI N BRIDGE OVER BIG TUJUNGA CREEK NR MILE POST 17.96	BL 3096
ANG FOR (1965)	3228.511	L&T CTR CONC GAS ISL @ SINGING SPRINGS 25FT E C/L ANGELES FOREST HWY & 1.1MI N BRIDGE OVER BIG TUJUNGA CREEK MKD (BM)	BL 3097
ANG FOR (1965)	3360.215	RDBM TAG CONC & ROCK WALL OF DRAIN @ ENT MONTE CRISTO STA 30FT W C/L ANGELES FOREST HWY & 0.6MI N SINGING SPRINGS	BL 3098
ANG FOR (1965)	3356.414	RDBM TAG CONC FOOTING OF GATE TO UPPER BIG TUJUNGA CANYON RD 50FT E C/L ANGELES FOREST HWY & 1.0MI N SINGING SPRINGS	BL 3099
ANG FOR (1965)	3364.412	RDBM TAG CONC & ROCK WALL OF DRAIN 33FT E C/L ANGELES FOREST HWY & 250FT N ENT TO UPPER BIG TUJUNGA CANYON RD 1.1MI N SINGING SPRINGS	BL 3100

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ANG FOR (1965)	3473.105	RDBM TAG @ ANG PT CONC & ROCK WALL OF CULV 30FT W C/L ANGELES FOREST HWY & 1.6MI N SINGING SPRINGS NR MILE POST 15.93	BL 3101
ANG FOR (1965)	3600.199	RDBM TAG NR CTR CONC & ROCK WALL OF CULV 22FT W C/L ANGELES FOREST HWY & 2.3MI N SINGING SPRINGS OPP MILE POST 15.18	BL 3102
ANG FOR (1965)	3697.303	RDBM TAG N END CONC & ROCK HDWL OF CULV 45FT W C/L ANGELES FOREST HWY & 2.9MI N SINGING SPRINGS NR MILE POST 14.65	BL 3103
ANG FOR (1965)	3760.565	RDBM TAG CONC & ROCK WALL IN FRONT BAUGHMAN SPRING 35FT W C/L ANGELES FOREST HWY & 3.3MI N SINGING SPRINGS	BL 3104
ANG FOR (1965)	3888.224	RDBM TAG CONC & ROCK WALL OF DRAIN 21FT W C/L ANGELES FOREST HWY & 0.6MI N BAUGHMAN SPRING 100FT N MILE POST 13.64	BL 3105
ANG FOR (1965)	4035.665	RDBM TAG CONC & ROCK WALL OF DRAIN 20FT E C/L ANGELES FOREST HWY & 1.1MI N BAUGHMAN SPRING	BL 3106
ANG FOR (1965)	4234.535	RDBM TAG CONC WALL OF CULV 15FT W C/L ANGELES FOREST HWY & 1.8MI N BAUGHMAN SPRING @ MILE POST 12.45	BL 3107
ANG FOR (1965)	4398.134	RDBM TAG CONC & ROCK WALL OF DRAIN 32FT E C/L ANGELES FOREST HWY & 2.3MI N BAUGHMAN SPRING 75FT N MILE POST 11.96	BL 3108
ANG FOR (1965)	4546.697	RDBM TAG CONC & ROCK WALL OF DRAIN 50FT E C/L ANGELES FOREST HWY & 2.9MI N BAUGHMAN SPRING 60FT S MILE POST 11.39	BL 3109
ANG FOR (1965)	4751.846	RDBM TAG CONC & ROCK WALL OF DRAIN 25FT E C/L ANGELES FOREST HWY & 3.5MI N BAUGHMAN SPRING 60FT S MILE POST 10.74	BL 3110
ANG FOR (1965)	4911.344	RDBM TAG CONC & ROCK RET WALL IN SMOKING AREA @ MILL CREEK SUMMIT 163FT E C/L ANGELES FOREST HWY & 80FT S RD TO CAMP	BL 3111
ANG FOR (1965)	4738.867	RDBM TAG CONC & ROCK HDWL OF CULV 30FT E C/L ANGELES FOREST HWY & 0.6MI N MILL CREEK SUMMIT 70FT S MILE POST 9.58	BL 3112
ANG FOR (1965)	4590.488	RDBM TAG LGE BOULDER @ END CUT 19FT W C/L ANGELES FOREST HWY & 1.2MI N MILL CREEK SUMMIT @ N END CURVE	BL 3113

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ANG FOR (1965)	4460.850	RDBM TAG CONC & ROCK RET WALL 55FT N C/L ANGELES FOREST HWY & 1.6MI N MILL CREEK SUMMIT	BL 3114
ANG FOR (1965)	4298.075	RDBM TAG CONC & ROCK FLOOR OF DRAIN 24FT W C/L ANGELES FOREST HWY & 2.3MI N MILL CREEK SUMMIT NR ENT TO CUT	BL 3115
ANG FOR (1965)	4212.235	RDBM TAG CONC & ROCK WALL OF DRAIN 19FT E C/L ANGELES FOREST HWY & 2.8MI N MILL CREEK SUMMIT 200FT S MILE POST 7.39	BL 3116
ANG FOR (1965)	4184.276	RDBM TAG LGE BOULDER 4FT ABOVE RD ON SW COR ANGELES FOREST HWY & ALISO CANYON RD 80FT S & 55FT W C/L INT	BL 3117
ANG FOR (1965)	4069.352	RDBM TAG NR CTR OF DRAIN FLOOR 26FT W C/L ANGELES FOREST HWY & 0.5MI N ALISO CANYON RD 40FT S MILE POST 6.77	BL 3118
ANG FOR (1965)	4009.416	RDBM TAG NR CTR CONC & ROCK FLOOR OF DRAIN 28FT E C/L ANGELES FOREST HWY & 1.1MI N ALISO CANYON RD OPP MILE POST 6.18	BL 3119
ANG FOR (1965)	4036.879	RDBM TAG CONC HDWL OF CULV 30FT S C/L ANGELES FOREST HWY 1.5MI N ALISO CANYON RD NR MILE POST 5.74	BL 3120
ANG FOR (1965)	3854.130	RDBM TAG FOOTING ANGELES NATIONAL FOREST SIGN 38FT S C/L ANGELES FOREST HWY & 2.2MI N ALISO CANYON RD	BL 3121
ANG FOR (1965)	3554.301	USC&GS MON IN HDWL OF CULV 526&34 15FT N C/L ANGELES CREST HWY & 0.4MI E ANGELES FOREST HWY MKD (B 1151 1961)	BL 3122
ANG FOR (1965)	3578.375	USC&GS MON IN HDWL OF CULV 559&23 22FT N C/L ANGELES CREST HWY & 1.1MI E ANGELES FOREST HWY MKD (A 1151 1961)	BL 3123
ANG FOR (1965)	3774.638	USC&GS MON SET VERTICALLY IN ROCK WALL 20FT N C/L ANGELES CREST HWY & 1.6MI E ANGELES FOREST HWY MKD (Z 1150 1961)	BL 3124
ANG FOR (1965)	3937.043	USC&GS MON SET VERTICALLY IN ROCK WALL 20FT N C/L ANGELES CREST HWY & 2.1MI E ANGELES FOREST HWY NR MKR 36.00 MKD (Y 1150 1961)	BL 3125
ANG FOR (1965)	4101.261	USC&GS MON SET VERTICALLY IN ROCK WALL 20FT E C/L ANGELES CREST HWY & 2.7MI E ANGELES FOREST HWY MKD (X 1150 1961)	BL 3126

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ANG FOR (1965)	4229.340	RDBM TAG @ ANG PT HDWL OF CULV 671&63 18FT N C/L ANGELES CREST HWY & 3.1MI E ANGELES FOREST HWY NR MKR 37.00	BL 3127
ANG FOR (1965)	4493.853	RDBM TAG CONC & ROCK WALL @ CULV 716&70 18FT N C/L ANGELES CREST HWY & 4.0MI E ANGELES FOREST HWY	BL 3128
ANG FOR (1965)	4630.264	USC&GS MON SET VERTICALLY IN ROCK OUTCROP @ NW COR ANGELES CREST HWY & MT WILSON RD 18FT N & 20FT W C/L INT MKD (U 1150 1961)	BL 3129
ANG FOR (1965)	4642.567	L&T NR CONC WALK IN DRWY TO GAS PUMP @ RANGER STA 9FT N C/L ANGELES CREST HWY & 100FT W C/L MT WILSON RD MKD (BM)	BL 3130
ANG FOR (1965)	4680.994	RDBM TAG CONC HDWL OF CULV 772&75 30FT N C/L ANGELES CREST HWY & 0.5MI E RED BOX RANGER STA	BL 3131
ANG FOR (1965)	4807.916	RDBM TAG CONC HDWL OF CULV 804&11 40FT N C/L ANGELES CREST HWY & 1.1MI E RED BOX RANGER STA	BL 3132
ANG FOR (1965)	4699.062	RDBM TAG @ ANG PT CONC & ROCK WALL OF CULV 835&00 19FT N C/L ANGELES CREST HWY & 1.7MI E RED BOX RANGER STA	BL 3133
ANG FOR (1965)	4594.020	RDBM TAG CONC FLOOR OF ROCK DRAIN 860&20 16FT S C/L ANGELES CREST HWY & 2.2MI E RED BOX RANGER STA	BL 3134
ANG FOR (1965)	4444.218	RAMSET CONC HDWL OF CULV 892&50 13FT N C/L ANGELES CREST HWY & 2.7MI E RED BOX RANGER STA	BL 3135
ANG FOR (1965)	4360.092	RDBM TAG CONC HDWL OF CULV 917&50 18FT N C/L ANGELES CREST HWY & 3.2MI E RED BOX RANGER STA	BL 3136
ANG FOR (1965)	4483.968	RDBM TAG CONC HDWL CATCH BASIN 941&90 15FT N C/L ANGELES CREST HWY & 3.7MI E RED BOX RANGER STA	BL 3137
ANG FOR (1965)	4594.662	L&BN CONC & ROCK FOUNDATION OF BARLEY FLATS SIGN 20FT S & 6FT W C/L INT ANGELES CREST HWY & RD TO DETENTION CAMP 18 MKD (BM)	BL 3138
ANG FOR (1965)	6700.168	USC&GS MON IN ROCK OUTCROP 80FT N C/L ANGELES CREST HWY & 1000FT E HWY 39 @ ISLIP SADDLE MKD (P 1166 1962)	BL 3139
ANG FOR (1965)	6898.955	RDBM TAG CONC & ROCK HDWL OF CULV 51&06 30FT S C/L ANGELES CREST HWY & 1.0MI E HWY 39	BL 3140
ANG FOR (1965)	7186.749	RDBM TAG CONC & ROCK WALL OF CULV 106&96 50FT S C/L ANGELES CREST HWY & 2.1MI E HWY 39	BL 3141

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ANG FOR (1965)	7384.624	ST HWY MON FLUSH IN CONC & ROCK WALL 25FT S C/L ANGELES CREST HWY & 3.1MI E HWY 39 NR STA MKR 161&30	BL 3142
ANG FOR (1965)	7594.659	RDBM TAG CONC & ROCK WALL @ CULV 214&61 23FT E C/L ANGELES CREST HWY & 4.1MI E HWY 39	BL 3143
ANG FOR (1965)	7853.992	RDBM TAG CONC & ROCK WALL OF CULV 13FT E C/L ANGELES CREST HWY & 5.2MI E HWY 39	BL 3144
ANG FOR (1965)	7784.331	ST HWY MON IN CONC & ROCK WALL 23FT S C/L ANGELES CREST HWY & 6.2MI E HWY 39	BL 3145
ANG FOR (1965)	7547.776	RDBM TAG @ ANG PT CONC & ROCK WALL @ PICNIC GROUNDS 65FT S C/L ANGELES CREST HWY & 7.0MI E HWY 39 NR STA MKR 340&82	BL 3146
ANG FOR (1965)	7280.863	RDBM TAG CONC & ROCK WALL @ CULV 396&17 36FT SE C/L ANGELES CREST HWY & 8.0MI E HWY 39	BL 3147
ANG FOR (1965)	7061.900	L&BRAD CONC & ROCK WALL @ CULV 452&50 14FT S C/L ANGELES CREST HWY & 9.1MI E HWY 39	BL 3148
ANG FOR (1965)	6888.172	USC&GS MON IN CONC WALL WITH STEEL GUARD RAIL 15FT N C/L ANGELES CREST HWY & 9.8MI E HWY 39 MKD (W 1166 1962)	BL 3149
ANG FOR (1965)	6822.756	RDBM TAG CONC & ROCK WALL NR END STEEL GUARD RAIL 13FT N C/L ANGELES CREST HWY & 10.0MI E HWY 39	BL 3150
ANG FOR (1965)	6586.427	USC&GS MON IN CONC WALL @ CULV 542&50 28FT S C/L ANGELES CREST HWY & 11.0MI E HWY 39 MKD (X 1166 1962)	BL 3151
ANG FOR (1965)	6733.006	L&BN CONC & ROCK WALL @ CULV 571&61 23FT W C/L ANGELES CREST HWY & 0.6MI E VINCENT GULCH DIVIDE MKD (BM)	BL 3152
ANG FOR (1965)	6772.305	USC&GS MON SET VERTICALLY IN ROCK FACE 23FT W C/L ANGELES CREST HWY & 0.7MI E VINCENT GULCH DIVIDE MKD (V 1166 1962)	BL 3153
ANG FOR (1965)	6857.980	RDBM TAG CONC FRAME OF DROP INLET @ CULV 596&00 20FT S C/L ANGELES CREST HWY & 1.0MI E VINCENT GULCH DIVIDE	BL 3154
ANG FOR (1965)	6988.914	L&BN CONC & ROCK WALL @ CULV 620&59 35FT N C/L ANGELES CREST HWY & 1.5MI E VINCENT GULCH DIVIDE MKD (BM)	BL 3155

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
ANG FOR (1965)	7116.943	RDBM TAG CONC & ROCK WALL @ CULV 646&66 55FT N C/L ANGELES CREST HWY & 2.0MI E VINCENT GULCH DIVIDE	BL 3156
ANG FOR (1965)	7261.950	L&BN CONC & ROCK WALL @ CULV 675&63 21FT N C/L ANGELES CREST HWY & 2.5MI E VINCENT GULCH DIVIDE MKD (BM)	BL 3157
ANG FOR (1965)	7377.389	RDBM TAG NR W END WALL @ INSPIRATION PT 60FT S C/L ANGELES CREST HWY & 3.3MI E VINCENT GULCH DIVIDE	BL 3158
ANG FOR (1965)	7222.251	L&BN CONC WALL @ CULV NR MILE POST 78.50 18FT S C/L ANGELES CREST HWY & 3.8MI E VINCENT GULCH DIVIDE MKD (BM)	BL 3159
ANG FOR (1965)	7111.597	RDBM TAG CONC WALL OF CULV 13FT W C/L ANGELES CREST HWY & 4.3MI E VINCENT GULCH DIVIDE	BL 3160
ANG FOR (1965)	6231.414	RDBM TAG CONC WALL OF DRAIN 19FT NE C/L BIG PINES HWY & 5.5MI E LARGO VISTA RD NR MILE POST 10.12	BL 3161
ANG FOR (1965)	6637.790	L&BN IN CONC & ROCK HDWL @ CULV NR MILE POST 80.59 25FT N C/L BIG PINES HWY & 0.7MI E BIG PINES PARK HDQTRS MKD (BM)	BL 3162
ANG FOR (1965)	6583.233	L&BN E CONC & ROCK WINGWALL OF CULV @ ENT TO HOLIDAY HILL SKI LIFT 48FT S C/L BIG PINES HWY MKD (BM)	BL 3163
ANG FOR (1965)	6456.925	SPK IN POLE OF BIG PINES RECREATION AREA SIGN 30FT N C/L BIG PINES HWY & 1.5MI E BIG PINES PARK HDQTRS	BL 3164
ANG FOR (1965)	6407.040	CS MON IN CONC 4IN UP 40FT N C/L BIG PINES HWY & 1.8MI E BIG PINES PARK HDQTRS NR FIRE HYD MKD (BP RC 50 WC)	BL 3165
ANG FOR (1965)	6338.095	USC&GS MON IN CONC WALL OF CULV @ ENT ST HWY WRIGHTWOOD MAINT STA 20FT N C/L BIG PINES HWY & 2.0MI E ANGELES CREST HWY MKD (D 976 1964)	BL 3166
ANG FOR (1965)	6306.534	L&BN CONC WALL OF DRAIN 50FT E OF SE COR ST HWY MAINT YARD 50FT N C/L BIG PINES HWY & 2.1MI E ANGELES CREST HWY MKD (BM)	BL 3167
ANG FOR (1965)	6160.971	LOS ANGELES & SAN BERNARDINO CO MON IN CONC 2IN UP ON CO BDRY 45FT N C/L BIG PINES HWY MKD (STA 20D)	BL 3168

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ANG FOR 6157.859 BR CAP IN CONC ON LOS ANGELES-SAN BERNARDINO CO BL 3169
(1965) BDRY 290FT S BIG PINES HWY MKD (BM F-2)