

**COUNTY OF LOS ANGELES
ROAD DEPARTMENT**

**PRECISE
BENCH MARK LIST**



**HAWTHORNE QUAD
TORRANCE QUAD**

1980 ADJUSTMENT

P R E F A C E
. 1980 Adjustment

The Road Department level net published in 1975 consisted of more than 1500 miles of levels supporting in excess of 18,000 bench marks. For reasons of economy, this 1980 adjustment is reduced to about 55% of the bench marks previously published. Reductions were made by increasing the spacing between level lines in unincorporated territory, and eliminating lines in non-contract cities and areas where the probability of future engineering projects appears slight. The 1980 adjustment is an update of the remainder of the 1975 bench marks, not including baselines. Data from previous adjustments is available without inferring any responsibility for the current reliability of the data or the actual existence of the bench marks. Elevations of bench marks with the same quad name, but different adjustment dates, are not normally compatible.

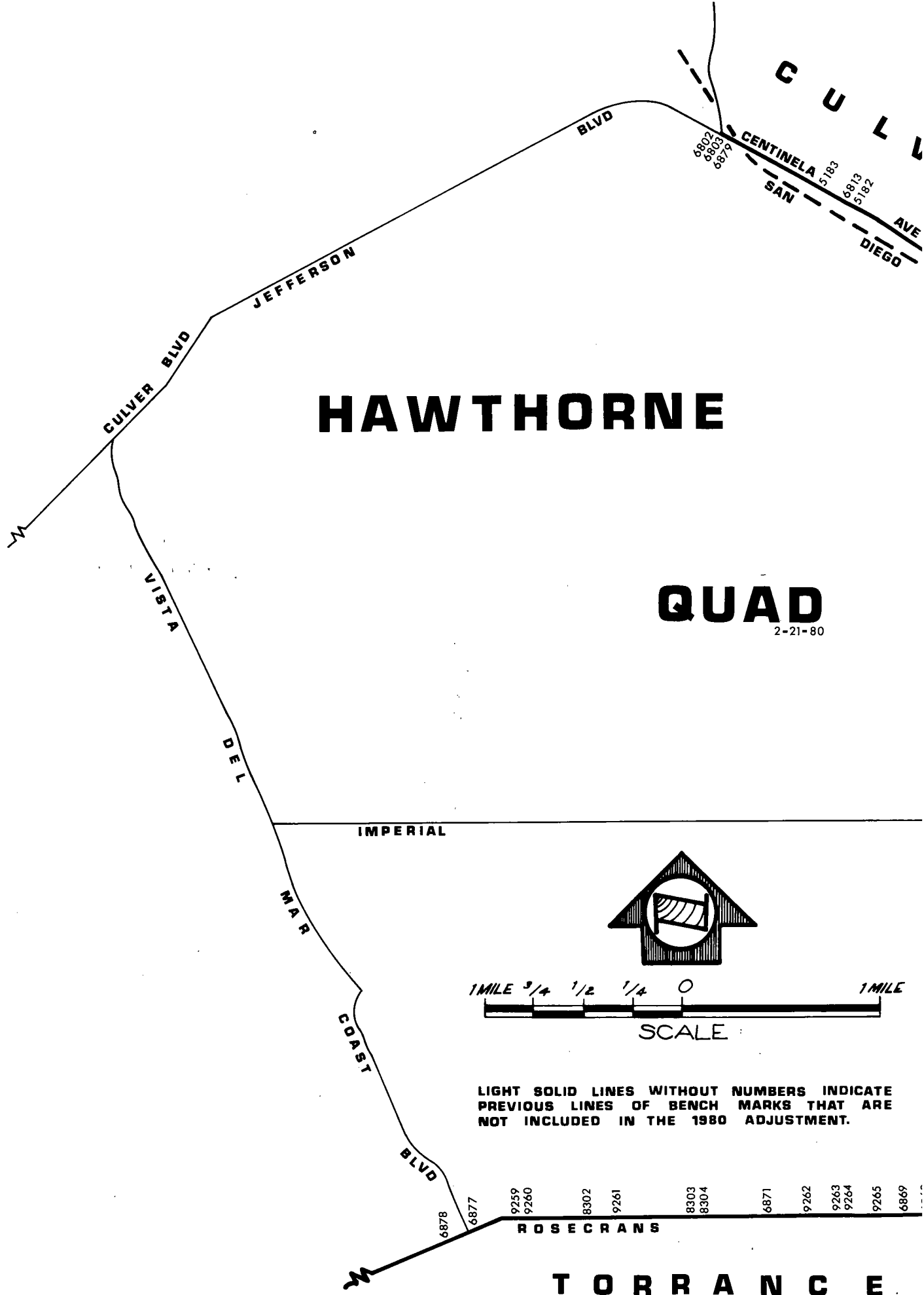
To facilitate the adjustment, indexing, and distribution of adjusted values of the net, the County territory is divided into 34 quads or areas. For identification purposes each quad is given a name, viz., "Rosemead," "La Mirada," "Santa Fe," etc. When bench marks and elevations in the Road Department net are used, the name of the quad in which the bench mark is located and the date of the elevation adjustment must be included in the bench mark description, e.g.,

CY 6901 - RDEM TAG S CB 11FT E BCR @ SE COR LA CIENEGA
BLVD & LENNOX BLVD 32FT S & 73FT E C/L INT
(HAWTHORNE - 1980) ELEV. 82.549

The precision 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 300 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 between a number of bench marks.

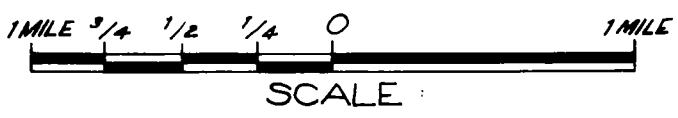
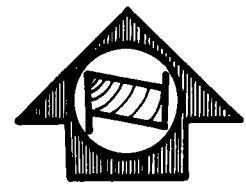
The users of this net are invited to assist in its maintenance by notifying this Department of cases of obliteration, apparent mistakes in descriptions or elevations, and proven disturbance of bench marks.

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



HAWTHORNE

QUAD
2-21-80



LIGHT SOLID LINES WITHOUT NUMBERS INDICATE PREVIOUS LINES OF BENCH MARKS THAT ARE NOT INCLUDED IN THE 1980 ADJUSTMENT.

ROSECRANS

TORRANCE

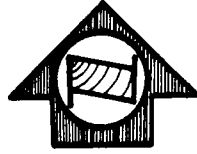
HAWTHORNE

QUAD

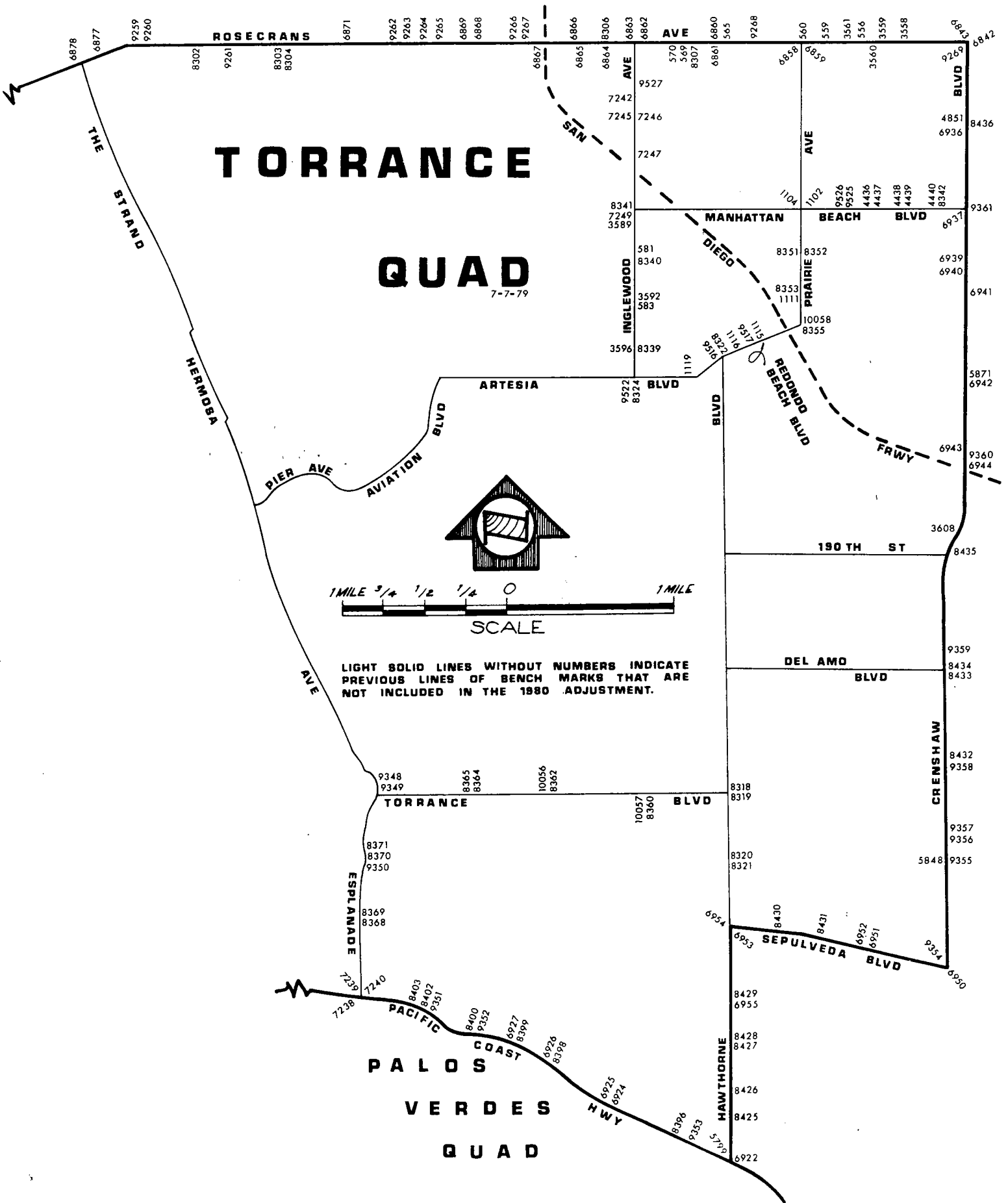
TORRANCE

QUAD

7-7-79



LIGHT SOLID LINES WITHOUT NUMBERS INDICATE PREVIOUS LINES OF BENCH MARKS THAT ARE NOT INCLUDED IN THE 1980 ADJUSTMENT.



THE STRAND

HERMOBA

PIER AVE

AVIATION BLVD

ARTESIA BLVD

TORRANCE BLVD

ESPLANADE

PACIFIC COAST HWY

PALOS VERDES QUAD

ROSECRANS AVE

MANHATTAN BEACH BLVD

INGLEWOOD BLVD

ARTESIA BLVD

TORRANCE BLVD

HAWTHORNE BLVD

MANHATTAN BEACH BLVD

PRAIRIE BLVD

REDWOOD BEACH BLVD

190TH ST

DEL AMO BLVD

SEPULVEDA BLVD

HAWTHORNE BLVD

560

1104

9522

3608

9359

8318

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03/30/87

LOS ANGELES COUNTY ROAD DEPARTMENT
SURVEY SECTION

PAGE 1

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	51.250	RDBM TAG W CB 1FT N/O BCR @ NW COR ROSECRANS AVE & KORNBLUM AVE 68FT N & 18FT W C/L INT W C/L INT	CY 556
BASELINE (1975)	53.896	RDBM TAG E CB 1FT N/O BCR NE COR ROSECRANS AVE & CORDARY AVE 71FT N & 18FT E/O C/L INT	CY 559
BASELINE (1975)	53.380	CS BR CAP MON IN WELL INT ROSECRANS AVE & PRAIRIE AVE TRI STA MKD (INGLEWOOD G-12-B) 1941 RE 2177	CY 560
BASELINE (1975)	61.878	CS BR CAP MON IN WELL C/L INT HAWTHORNE BLVD (E) & ROSECRANS AVE	CY 565
BASELINE (1975)	72.682	CS MON IN WELL 4FT W/O C/L MANSEL AVE 2FT S C/L ROSECRANS AVE SUR CONTROL SYSTEM INGLEWOOD MKD (F-12-A)	CY 569
BASELINE (1975)	70.338	L&T CONC PVMT 9FT S/O C/L ROSECRANS AVE 10FT W/O RAMONA AVE (TO THE NORTH)	CY 570
TORRANCE (1980)	67.631	CS BR CAP MON IN WELL C/L INT 162ND ST & INGLEWOOD AVE MKD (RE 329)	CY 581
TORRANCE (1980)	88.207	L & T IN W CB @ BCR NW COR INGLEWOOD AVE & ROBINSON ST 19FT W & 60FT N C/L INT TO W	CY 583
HAWTHRNE (1980)	68.625	CUT SPK CONC PVMT 14FT N C/L IMPERIAL HWY 70FT E C/L PRAIRIE AVE	CY 881
HAWTHRNE (1980)	68.705	CUT SPK CONC PAVING 14FT S C/L IMPERIAL HWY 70FT E C/L PRAIRIE AVE	CY 882
HAWTHRNE (1980)	68.790	L&T N CB IMPERIAL HWY 40FT N & 50FT E C/L PROD CEDAR AVE	CY 885
HAWTHRNE (1980)	69.152	ST HWY MON IN WELL 12IN DN @ OR NR C/L INT IMPERIAL HWY & HAWTHORNE BLVD	CY 887
HAWTHRNE (1980)	69.398	RAMSET E CB HAWTHORNE BLVD 48FT N BCR @ NE COR IMPERIAL HWY 118FT N & 60FT E C/L INT	CY 888
BASELINE (1975)	51.198	LAFC MON 12IN DN 50FT S C/L EL SEGUNDO BLVD & 175FT E C/L CRENSHAW BLVD ON W P/L DOMINGUEZ LAFC CHANNEL MKD (1959-27 75A CO ENGR)	CY 997
TORRANCE (1980)	48.004	L&SPK 6FT E BCR SERVICE RD ISLAND @ NE COR PRAIRIE AVE & MANHATTAN BEACH BLVD 78FT E & 38FT N C/L INT MKD (KV 39)	CY 1102
TORRANCE (1980)	48.495	L&SPK @ NW COR PRAIRIE AVE & MANHATTAN BEACH BLVD 51FT N/O BCR 128FT N & 40FT W/O C/L INT MKD (SDI)	CY 1104

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
TORRANCE (1980)	50.543	RD BM TAG E CB PRAIRIE AVE 42FT E C/L & 40FT SD C/L PROD 166TH ST	CY 1111
TORRANCE (1980)	73.392	L&T E ECR @ NE COR FREEMAN AVE & REDONDO BEACH BLVD 30FT N & 70FT E C/L INT	CY 1115
TORRANCE (1980)	84.764	L&T NR CTR CB RET @ NE COR ALLEY & REDONDO BEACH BLVD 200FT E HAWTHORNE BLVD	CY 1116
TORRANCE (1980)	91.863	RDBM TAG IN S CB 2FT E/O ANG PT IN CB 36FT S & 130FT E/O C/L INT ARTESIA BLVD & KINGSDALE AVE	CY 1119
BASELINE (1975)	49.649	RDBM TAG IN E CB 1FT N/O BCR @ NE COR ROSECRANS AVE & CERISE AVE 67FT N & 18FT E/O C/L INT	CY 3558
BASELINE (1975)	50.039	LACS BM MON IN WELL 1FT W/O CB IN NW COR ROSECRANS AVE & YUKON AVE 72FT N & 19FT W C/L INT MKD (21-13A 1960 RE 5869)	CY 3559
BASELINE (1975)	50.963	L&T 1FT E BCR @ SE COR KORNBLUM AVE & ROSECRANS AVE 44FT E & 38FT S/O C/L INT	CY 3560
BASELINE (1975)	52.159	RDBM TAG E CB 1FT N/O BCR @ NE COR ROSECRANS AVE & DOTY AVE 66FT N & 18FT E C/L INT	CY 3561
TORRANCE (1980)	61.246	CS BR CAP MON IN WELL C/L INT IN SENECA AVE & BELAND BLVD (USE SE EDGE) OUT	CY 3589
TORRANCE (1980)	83.943	S & L IN W CB 38FT S & 19FT W C/L INT INGLEWOOD AVE & 165TH ST	CY 3592
TORRANCE (1980)	100.214	L&SPK W SIDE CONC STEP TO HSE NO 4749 172ND ST 38FT N/O C/L & 51FT E/O C/L INGLEWOOD AVE & 172ND ST	CY 3596
BASELINE (1975)	56.045	L&SPK @ SW COR CRENSHAW BLVD & 189TH ST 60FT S & 14FT W C/L INT W SERVICE RD 18FT S/O BCR MKD (BM 22-78)	CY 3608
HAWTHRNE (1980)	87.714	RAM SET CTR OF CB RET @ SW COR W 124TH ST & LA CIENEGA BLVD 26FT S & 52FT W/O C/L INT	CY 3615
HAWTHRNE (1980)	87.225	L&BN 2FT S BCR @ SW COR W 123RD ST & LA CIENEGA BLVD 58FT S & 36FT W/O C/L INT	CY 3616
HAWTHRNE (1980)	86.193	RAM SET 5FT E BCR @ SE COR W 121ST ST & LA CIENEGA BLVD	CY 3617
BASELINE (1975)	167.190	LACS BM MON IN WELL 2FT BK OF CB & APPROX CTR OF SW CB RET CRENSHAW BLVD & CENTURY BLVD 50FT S & 47FT W/O C/L INT MKD (BM 27-68 1953 RE 63)	CY 4167

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
TORRANCE (1980)	43.720	L & BN IN CTR CB RET @ NW COR MANHATTEN BEACH BLVD & CRANBROOK AVE SER RD 87FT N & 28FT W C/L INT	CY 4436
TORRANCE (1980)	45.169	RDBM TAG NR S END OF RET WALL 82FT N C/L MANHATTAN BEACH BLVD & 135FT E C/L CRANBROOK AVE	CY 4437
TORRANCE (1980)	45.202	L&BN S CB MANHATTAN BEACH BLVD 20FT W C/L CERISE AVE PROD & 38FT S C/L MANHATTAN BEACH BLVD MKD (BM)	CY 4438
TORRANCE (1980)	44.815	L&BN 1FT W BCR @ NW COR MANHATTAN BEACH BLVD & CERISE AVE 38FT N & 58FT W C/L INT	CY 4439
TORRANCE (1980)	46.980	L&BN NR CTR CB RET @ NE COR MANHATTAN BEACH BLVD & LEMOLI AVE 53FT N & 27FT E C/L INT	CY 4440
BASELINE (1975)	76.499	FLT HD SPK S CB IMPERIAL HWY 10FT W/O BCR @ SW COR CRENSHAW BLVD 38FT S & 85FT W C/L INT	CY 4769
HAWTHRNE (1980)	67.494	L&T S CB IMPERIAL HWY C/L PROD LEMOLI AVE 38FT S C/L IMPERIAL HWY	CY 4770
HAWTHRNE (1980)	66.885	L & T N DEPRESSED CB IMPERIAL HWY 22FT W BCR @ NW COR YUKON AVE 40FT N & 67FT W C/L INT	CY 4772
HAWTHRNE (1980)	67.694	FLT HD SPK S CB IMPERIAL HWY @ BCR E END C B @ SW COR YUKON AVE 38FT S & 40FT W C/L INT	CY 4773
HAWTHRNE (1980)	67.541	L&RD HD SPK N CB IMPERIAL HWY 42FT W BCR @ NW COR DOTY AVE 40FT N & 68FT W C/L INT	CY 4774
HAWTHRNE (1980)	67.518	FL HD SPK 5FT W BCR @ SW COR DOTY AVE & IMPERIAL HWY 40FT S & 33FT W C/L INT	CY 4775
BASELINE (1975)	50.550	L&ROUND HD SPK 6FT N BCR @ NW COR COMPTON BLVD & CRENSHAW BLVD 60FT N & 38FT W C/L INT MKD (W7)	CY 4851
BASELINE (1975)	175.876	USC&GS MON 2IN DN 63FT NLY & 80FT WLY C/L INT FLORENCE AVE & REDONDO BLVD 12FT N/O N CB & 23FT SLY SFRR TRACK (MKD V 415-1935)	CY 5166
BASELINE (1975)	173.631	USC&GS DISC FLUSH 12FT N OF N CB 70FT N C/L FLORENCE AVE & 1180FT E/O PRAIRIE AVE MKD (X-415 1935) 380FT W/O C/L REDONDO BLVD	CY 5168
BASELINE (1975)	165.146	USC&GS DISC LIN UP 7FT N OF N CB & 62FT N C/L FLORENCE AVE & 2FT E C/L PROD PRAIRIE AVE MKD (E 416 1935)	CY 5169

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	130.026	USC&GS MON 3IN UP 60FT NLY & 54FT WLY C/L INT FLORENCE AVE & LA BREA AVE (MKD D 417 1935)	CY 5173
BASELINE (1975)	128.628	USC&GS DISC 2IN UP 4FT N OF N CB & 34FT N C/L FLORENCE AVE & 200FT W C/L LA BREA AVE & 34FT SE C/L SFRR TRACKS MKD (E 417 1935)	CY 5174
BASELINE (1975)	73.487	LACE 3/4IN HEX BAR IN WELL THORNBURN ST @ PI 477FT W C/L LA CIENEGA BLVD	CY 5180
BASELINE (1975)	83.732	LACE 3/4IN HEX BAR IN WELL @ C/L INT LA TIJERA BLVD & THORNBURN ST (TO THE E)	CY 5181
BASELINE (1975)	45.090	LACE 3/4IN HEX BAR IN WELL CENTINELA AVE @ PI 0.65MI SE SEPULVEDA BLVD 358FT SE C/L GREEN VALLEY CIRCLE	CY 5182
BASELINE (1975)	48.930	LACE 3/4IN HEX BAR IN WELL 9FT SW C/L CENTINELA AVE 0 45MI SE SEPULVEDA BLVD @ TOP OF A HILL	CY 5183
BASELINE (1975)	79.017	LACS BM MON IN WELL IN PKWY @ N-W COR CRENSHAW BLVD & 113TH ST 26FT N & 45FT W/O C/L INT MKD (BM 27-70A 1960 RE5869)	CY 5743
BASELINE (1975)	94.792	CS BR CAP MON IN WELL @ C/L INT PACIFIC COAST HWY & HAWTHORNE BL MKD (TOR K-12 1942 RE 2177)	CY 5799
BASELINE (1975)	85.893	BT SPK W CB 8FT S BCR @ SW COR CARSON ST & CRENSHAW BLVD 40FT W & 73FT S/O C/L INT	CY 5848
BASELINE (1975)	53.601	LACE BR CAP MON IN WELL @ C/L INT ARTESIA BLVD & CRENSHAW BLVD MKD (TORRANCE M-4)	CY 5871
HAWTHRNE (1980)	82.541	LA CITY HEX BAR MON IN WELL 16IN DN @ C/L INT LA CIENEGA BLVD & 104TH ST	CY 6663
BASELINE (1975)	28.019	USC&GS BR DISC NWLY COR CONC BR @ SW COR SEPULVEDA BLVD & CENTINELA AVE 75FT S & 50FT W C/L INT MKD (M 776 RESET 1962)	CY 6802
BASELINE (1975)	28.430	CS MON FL NELY COR CONC BR 50FT ELY C/L SEPULVEDA BLVD 165FT SLY C/L CENTINELA AVE MKD (BM 28-68)	CY 6803
BASELINE (1975)	159.185	LACE HEX BAR MON IN WELL @ C/L INT CRENSHAW BLVD & FLORENCE AVE (26-62 CO ENGR)	CY 6804
BASELINE (1975)	158.248	WIRE SPK W CB 5FT N BCR @ NW COR CRENSHAW BLVD & FLORENCE AVE 60FT N & 38FT W C/L INT	CY 6805

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	172.731	USC&GS MON 2IN UP 77FT WLY C/L WEST BLVD 10FT N/C N RAIL RR TRACK 89FT S/O C/L REDONDC BLVD MKD 1 415- 1935	CY 6806
BASELINE (1975)	177.900	USC&GS MON 9IN UP 325FT ELY & 43FT NLY C/L INT FLORENCE AVE & REDONDC BLVD 15FT SLY SFRR TRACK MKD (S 415-1935)	CY 6807
BASELINE (1975)	179.004	USC&GS MON VERTICALLY IN SIGNAL BOX NELY COR FLORENCE AVE & REDONDC BLVD 35FT NLY & 100FT ELY C/L INT MKD (E 973 1964)	CY 6808
BASELINE (1975)	148.328	USC&GS MON 6IN UP 30FT NLY SFRR TRACK 113FT NLY FLORENCE AVE & 200FT WLY CENTINELA AVE MKD (P 978-1964)	CY 6809
BASELINE (1975)	130.204	USC&GS MON 3IN UP NE COR LA BREA AVE & FLORENCE AVE 150FT E & 75FT N C/L INT 6FT NLY AT&SF RR TRACK MKD (S 978 1964)	CY 6810
BASELINE (1975)	124.315	USC&GS MON 6IN UP 350FT W LA BREA AVE & 12FT N OF N CB FLORENCE AVE MKD (Z 978 1964) SURVEY MARKER POST 3FT UP 2FT W	CY 6811
BASELINE (1975)	76.234	CS MON FL IN C B SELY COR INDUSTRIAL AVE & LA CIENEGA BLVD 18FT SLY & 75FT ELY C/L INT MKD (BM 28-11A 1965)	CY 6812
BASELINE (1975)	45.017	LACE HEX BAR IN WELL 18IN DN 21FT W OF PI OF CENTINELA AVE 0.65MI SE SEPULVEDA BLVD 338FT SE C/L GREEN VALLEY CIRCLE	CY 6813
BASELINE (1975)	50.039	LACS BM MON FL IN F C WALL 6FT N/O CB E SIDE CHANNEL 46FT N & 191FT E/O C/L INT ROSECRANS AVE & CRENSHAW BLVD MKD (21-11A 1964 RE 5869)	CY 6842
BASELINE (1975)	49.764	L&BN E CB 1FT N BCR @ NE COR CRENSHAW BL & ROSECRANS AVE 38FT E & 76FT N/O C/L INT	CY 6843
BASELINE (1975)	45.855	LACS BM MON IN WELL 62FT W/O C/L CRENSHAW BLVD & 6FT S C/L PROD 134TH ST MKD (BM 27-76 A 1960 RE 5869)	CY 6844
BASELINE (1975)	49.122	L&BN E CB 6FT S BCR @ NE COR EL SEGUNDO BLVD & CRENSHAW BLVD 63FT N & 40FT E/O C/L INT	CY 6845
BASELINE (1975)	52.652	RDBM BR CAP MON 21IN DN 63FT E/O C/L CRENSHAW BLVD 43FT N/O INT BROADWAY & 28FT N/O C/L P E RR TRACK MKD (RDBM 157)	CY 6846

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	57.607	L&FC BR CAP MON SW COR C B ON NE COR CRENSHAW BLVD & DOMINGUEZ CHANNEL 39FT E/O C/L & 143FT N/O INT 120TH ST MKD BM 114 51 1948(27-71COENG)	CY 6848
BASELINE (1975)	57.607	L&BN W CB 98FT N/O BCR NW COR CRENSHAW BLVD & 120TH ST 160FT N & 38FT W/O C/L INT 1FT S/O N END OF CB	CY 6849
BASELINE (1975)	90.970	LACS BM MON IN WELL ON SW COR CRENSHAW BLVD & 109TH ST 19FT S & 70FT W C/L INT MKD (BM 27-69A 1960)	CY 6850
BASELINE (1975)	204.451	LACS BM MON IN WELL @ S END ISLAND 2FT N CB FACE @ NW COR CRENSHAW BLVD & ARBOR VITAE ST 45FT W & 29FT N/O C/L INT MKD (BM 27-67 1953 63)	CY 6852
BASELINE (1975)	214.148	LACS BM MON IN WELL 1FT BK OF CB FACE @ SW COR CRENSHAW BLVD & MANCHESTER BLVD 104FT S & 40FT W C/L INT MKD (BM 27-66 1953)	CY 6853
BASELINE (1975)	214.941	L&BRAD E CB 2FT S BCR @ SE COR CRENSHAW BLVD & MANCHESTER BLVD 50FT S & 38FT E C/L INT	CY 6854
BASELINE (1975)	224.952	LACE HEX BAR MON IN WELL @ C/L INT 81ST E & 8TH AVE (27-65 CO ENGR-CLA 18-10730)	CY 6855
BASELINE (1975)	242.592	LACE BM MON FL IN CGNC 3FT W/O CB S-W COR CRENSHAW BLVD & 80TH ST 38FT W & 45FT S/O C/L INT MKD (24320 FT 13-C 27-64 CO ENGR CLA 18-10770)	CY 6856
BASELINE (1975)	53.879	CS BR CAP MON IN WELL @ S-E COR ROSECRANS AVE & PRAIRIE AVE 58FT S & 57FT E/O C/L INT MKD (R M NO 5 1960 G1ZB RE 5869)	CY 6858
BASELINE (1975)	54.512	CS BR CAP MON IN WELL 8IN DN @ SW COR ROSECRANS AVE & PRAIRIE AVE 55FT S/O & 62FT W/O C/L INT MKD (RM NO 4 1960 RE5869)	CY 6859
BASELINE (1975)	63.495	CS MON IN WELL 46FT N/O C/L ROSECRANS AVE & 22FT E/O C/L HAWTHORNE BLVD MKD (INGLEWOOD F-12 RM NO 3)	CY 6860
BASELINE (1975)	63.581	CS MON IN WELL 44FT S/O C/L ROSECRANS AVE & 11FT E/O C/L HAWTHORNE BLVD MKD (INGLEWOOD F-12 RM NO 4)	CY 6861
BASELINE (1975)	70.809	L&BN E CB 6FT N BCR @ NE COR ROSECRANS AVE & INGLEWOOD AVE 82FT N & 30FT E/O C/L INT (21-17C)	CY 6862

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	69.711	CS MON IN WELL 10IN DN @ NW COR ROSECRANS AVE & INGLEWOOD AVE 100FT N & 32FT W/O C/L INT MKD (BM 21-17A)	CY 6863
BASELINE (1975)	71.890	RD MON IN WELL 8IN DN @ C/L INT ROSECRANS AVE & SHOUP AVE MKD (RD 1959)	CY 6864
BASELINE (1975)	73.633	RD MON IN WELL 8IN DN @ C/L INT ROSECRANS AVE & OCEAN GATE AVE MKD (RD 1956)	CY 6865
BASELINE (1975)	73.434	L&T S CB 12FT E BCR @ SW COR ROSECRANS AVE & OCEAN GATE AVE 58FT S & 53FT W/O C/L INT	CY 6866
BASELINE (1975)	81.974	RD MON IN WELL 9IN DN @ C/L INT ROSECRANS AVE & HINDRY AVE MKD (RD 1959)	CY 6867
BASELINE (1975)	76.860	RD TAG S CB 1FT E BCR @ SW COR ROSECRANS AVE & AVIATION BLVD 40FT S & 74FT W C/L INT	CY 6868
BASELINE (1975)	77.715	CS MON VERTICALLY IN NLY ABUT RR BR OVER ROSECRANS AVE & AVIATION BLVD 46FT NLY & 64FT WLY C/L INT MKD (BM 21-19A 1964)	CY 6869
BASELINE (1975)	114.402	CS MON IN CONC 18IN BELOW TRACKS 3FT W/O C/L SANTA FE RR & 50FT N C/L ROSECRANS AVE MKD (ING A 12A RM 3 1960)	CY 6871
BASELINE (1975)	27.431	USC&GS MON IN SECOND STEP FROM BOTTOM LEADING TO BEACH AT FOOT OF ROSECRANS AVE 18FT S/O C/L PRGD & 26FT W/O C/L THE STRAND MKD Y-614 1941 (21-24 CO ENG)	CY 6877
BASELINE (1975)	23.700	USC&GS MON IN NEXT TO TOP STEP OF STEPS LEADING TO BEACH @ 43RD ST & THE STRAND 78FT W/O C/L & 12FT N/O C/L PRGD 43RD ST 1FT N/O S END OF STEPS MKD V 767 1945 (27-1 CO ENG)	CY 6878
BASELINE (1975)	26.027	LACE HEX ROD IN WELL 10IN DN @ C/L INT SEPULVEDA BLVD & CENTINELA AVE	CY 6879
HAWTHRNE (1980)	99.619	SQ SPK N CB 12FT W BCR @ NW COR MANCHESTER BLVD & LA CIENEGA BLVD 38FT N & 68FT W C/L INT	CY 6895
HAWTHRNE (1980)	99.417	L&BN W CB 1FT S BCR @ SW COR MANCHESTER BLVD & LA CIENEGA BLVD 55FT S & 38FT W C/L INT MKD (BM)	CY 6896
HAWTHRNE (1980)	94.975	BT SPK N CB @ W END FRWY BR @ NE COR ARBOR VITAE ST & LA CIENEGA BLVD 35FT N & 36FT E C/L INT	CY 6897

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
HAWTHRNE (1980)	94.846	L&BR W CB 6FT N BCR @ SW COR LA CIENEGA BLVD & ARBOR VITAE ST 39FT S & 30FT W C/L INT	CY 6898
HAWTHRNE (1980)	89.701	LA CITY TRI MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD & CENTURY BLVD MKD (ING G7 RESET 1963)	CY 6899
HAWTHRNE (1980)	82.549	RDBM TAG S CB 11FT E/O BCR @ SE COR LA CIENEGA BLVD & LENNOX BLVD 32FT S & 73FT E C/L INT	CY 6901
HAWTHRNE (1980)	79.595	LA CITY HEX BAR MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD & 111TH ST	CY 6902
HAWTHRNE (1980)	84.854	RDBM TAG E CB 3FT N BCR @ NE COR IMPERIAL HWY & LA CIENEGA BLVD 70FT N & 40FT E C/L INT	CY 6904
HAWTHRNE (1980)	84.923	RDBM TAG N CB 2FT E BCR @ NW COR IMPERIAL HWY & LA CIENEGA BLVD 38FT N & 60FT W C/L INT	CY 6905
HAWTHRNE (1980)	85.219	USC&GS MON FL S CB 1FT W BCR @ SW COR LA CIENEGA BLVD & IMPERIAL HWY 38FT S & 76FT W C/L INT MKD (H 1654 1960)	CY 6906
HAWTHRNE (1980)	86.227	CS MON IN WELL 10IN DN @ C/L INT LA CIENEGA BLVD & 120TH ST MKD (RE 529)	CY 6907
HAWTHRNE (1980)	88.367	RDBM TAG E CB 2FT N BCR @ NE COR LA CIENEGA BLVD EL SEGUNDO BLVD 92FT N & 32FT E C/L INT	CY 6909
HAWTHRNE (1980)	84.169	RDBM TAG E CB 1FT S BCR @ SE COR LA CIENEGA BLVD & 134TH ST 31FT S & 13FT E C/L INT	CY 6911
HAWTHRNE (1980)	83.765	RDBM TAG E CB 1FT S BCR @ SE COR LA CIENEGA BLVD & 134TH PL 31FT S & 23FT E C/L INT	CY 6912
BASELINE (1975)	97.424	L&BN E CB HAWTHORNE BLVD 40FT E/O C/L & 64FT S/O C/L PACIFIC COAST HWY 2FT S/O BCR	CY 6922
BASELINE (1975)	77.961	CS BUTTON BR CAP MON FL SE COR CONC CULV 42FT N & 130FT E C/L INT PACIFIC COAST HWY & E DR TO SO HIGH SCHOOL MKD (BM 21-56A 1960 RE 5869)	CY 6924
BASELINE (1975)	87.543	USC&GS MON N COLUMN OF PED OVERHD WK FOR PACIFIC COAST HWY 47FT N C/L 4FT UP 0.8MI W/O HAWTHORNE BLVD 122FT W/O E DR GF HIGH SCHOOL MKD(1053 1960)	CY 6925
BASELINE (1975)	96.482	S&L IN NW COR C B IN S CB 38FT S & 211FT E/O C/L INT PACIFIC COAST HWY & CALLE MAYOR MKD(BM-21-55A)	CY 6926

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	129.851	USC&GS MON FL W END CONC CULV 37FT S C/L PACIFIC COAST HWY 462FT E/O INT PASEO DE GRACIA ACROSS FR & 76FT W/O MCCORMICK MORTUARY MKD (X-1053 1960)	CY 6927
BASELINE (1975)	49.406	CS BR CAP MON IN WELL SW COR CRENSHAW BLVD & COMPTON BLVD 192FT S P 40FT W/O C/L INT MKD (BM 22-1A 1953)	CY 6936
BASELINE (1975)	47.195	FLAT SPK S CB 7FT W BCR @ SW COR CRENSHAW BLVD & MANHATTAN BEACH BLVD 43FT S & 85FT W C/L INT	CY 6937
BASELINE (1975)	42.686	RDBM TAG NLY CB 13FT WLY BCR @ NW COR CRENSHAW BLVD & REDONDC BEACH BLVD 40FT NLY & 30FT WLY C/L INT	CY 6939
BASELINE (1975)	41.895	L&BN WLY CB 1FT NLY CF BCR @ SWLY COR CRENSHAW BLVD & REDONDO BEACH BLVD 83FT SLY & 30FT WLY C/L INT MKD (BM)	CY 6940
BASELINE (1975)	38.829	CS BR CAP MON IN WELL NE COR 166TH ST & ATKINSON AVE 19FT N/O C/L & 30FT E/O E CB LINE MKD (BM 22-3A 1960) RE 5869	CY 6941
BASELINE (1975)	55.135	L&BN W CB 1FT N BCR @ SW COR CRENSHAW BLVD & ARTESIA BLVD 65FT S & 38FT W/O C/L INT MKD(BM)	CY 6942
BASELINE (1975)	63.315	L&BRAD S CB 3FT W BCR @ SW COR CRENSHAW BLVD & 181ST ST 18FT S & 80FT W/O C/L INT	CY 6943
BASELINE (1975)	60.196	CS BM MON IN WELL SW COR CRENSHAW BLVD & 182ND ST 90FT S & 20FT W/O C/L INT MKD (BM 22-6 1952 RE63)	CY 6944
BASELINE (1975)	77.922	RD MON IN WELL @ PI CF CRENSHAW BLVD 216FT S C/L SEPULVEDA BLVD MKD (LA CG RD DPT 1954)	CY 6950
BASELINE (1975)	84.981	CS MON IN WELL 40FT S C/L SEPULVEDA BL 0.4MI W/O CRENSHAW BL 40FT E/O E P/L TOR NAT'L BANK BLDG NO 2860 1FT BK CF CB MKD(BM 22-12A RE 5869 1960)	CY 6951
BASELINE (1975)	83.306	CS MON 8IN DN ON C/L SEPULVEDA BLVD & 0.5MI W CRENSHAW BLVD (BM 22-12 1952)	CY 6952
BASELINE (1975)	79.695	LACS MON IN WELL 17IN DN ON C/L SEPULVEDA BLVD 137FT E/O HAWTHORNE BLVD PROD FROM S MKD (TORRANCE K-9 1942)	CY 6953
BASELINE (1975)	80.644	CS MON IN WELL ON C/L SEPULVEDA BL 64FT W/O C/L INT HAWTHORNE BLVD MKD(TORRANCE J-9 1942 RE 2177	CY 6954

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	78.324	CS MCN 9IN DN 6FT E C/L HAWTHORNE AVE & 125FT N C/L 230TH ST MKD (BM 22-15A 1960)	CY 6955
BASELINE (1975)	47.144	CS BR CAP MON IN WELL @ SELV COR ESPLANADE & AVE I 124FT SLY & 18FT ELY C/L INT MKD (TORRANCE F 10 RE 2177 1939)	CY 7238
BASELINE (1975)	48.140	CS MON IN WELL @ C/L INT AVE I & ESPLANADE	CY 7239
BASELINE (1975)	49.253	USC&GS MON FL @ NE COR ESPLANADE & AVE I 40FT NLY & 44FT ELY C/L INT MKD (D 768 1945)	CY 7240
TORRANCE (1980)	63.360	RD MCN 8IN DN @ C/L INT INGLEWOOD AVE & 147TH ST TO THE E MKD (RD 1959)	CY 7242
TORRANCE (1980)	60.764	L&BN W CB 57FT N BCR @ NW COR INGLEWOOD AVE & COMPTON BLVD 116FT N & 30FT W C/L INT	CY 7245
TORRANCE (1980)	60.913	L&BN W CB 1FT S BCR @ SW COR INGLEWOOD AVE & COMPTON BLVD 60FT S & 32FT W C/L INT MKD (BM)	CY 7246
TORRANCE (1980)	57.381	L&SPK N CB 18FT E BCR @ NE COR INGLEWOOD AVE & 153RD PL 15FT N & 78FT E C/L INT MKD (SD 3011)	CY 7247
TORRANCE (1980)	59.951	L&BN S CB 4FT E BCR @ SW COR INGLEWOOD AVE & MANHATTAN BEACH BLVD 53FT S & 49FT W C/L INT	CY 7249
BASELINE (1975)	206.458	LACE MON IN WELL 10IN DN @ C/L INT CRENSHAW BLVD & 76TH ST	CY 7843
BASELINE (1975)	240.347	RDBM TAG 4FT E BCR 18FT N & 69FT E C/L INT CRENSHAW BLVD & 80TH ST	CY 7844
BASELINE (1975)	224.360	L & BN 2FT W BCR 18FT S & 49FT W C/L INT 8TH AVE & 80TH ST TO W	CY 7845
BASELINE (1975)	210.127	L & BR IN E CB 8TH AVE 20FT E/O C/L CN C/L PROD 84TH ST TO W	CY 7846
BASELINE (1975)	209.912	L&BR 2FT S BCR 47FT S & 20FT W/O C/L INT 8TH AVE & 84TH ST TO W	CY 7847
BASELINE (1975)	213.554	L&T 4FT N/O BCR 83FT N & 38FT E/O C/L INT CRENSHAW BLVD & 90TH ST TO THE E	CY 7848
BASELINE (1975)	214.036	CITY OF INGLEWOOD TAG IN CB 38FT E C/L CRENSHAW BLVD ON C/L PROD 90TH ST TO W	CY 7849
BASELINE (1975)	206.240	L & PK 4FT N BCR 33FT N & 38FT E C/L INT CRENSHAW BLVD & ARBOR VITAE ST TO E	CY 7850

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	194.815	L & T IN W CB 2FT N BCR OF ISLE 47FT N & 38FT W C/L INT CRENSHAW BLVD & HARDY ST	CY 7851
BASELINE (1975)	194.047	L & DN IN NE COR C B 44FT S & 42FT E C/L INT CRENSHAW BLVD & HARDY ST	CY 7852
BASELINE (1975)	127.443	L&BR IN NE COR C B 75FT N & 42FT E/O C/L INT CRENSHAW BLVD & 104TH ST	CY 7853
BASELINE (1975)	124.690	L&BR 8FT S/O BCR OF ISLE 34FT S & 41FT E/O C/L INT CRENSHAW BLVD & 104TH ST	CY 7854
BASELINE (1975)	91.919	S & L IN E CB 10FT S & 38FT E C/L INT CRENSHAW BLVD & 109TH ST	CY 7855
BASELINE (1975)	78.253	RDBM TAG 13FT S BCR 64FT N & 40FT W C/L INT CRENSHAW BLVD & IMPERIAL HWY	CY 7856
BASELINE (1975)	70.840	L & BR IN CB 40FT E C/L CRENSHAW BLVD @ C/L PROC 116TH ST TO W	CY 7857
BASELINE (1975)	70.105	L&SPK IN W CB 38FT W 65FT S/O C/L INT CRENSHAW BLVD & 116TH ST TO W (MKD KE-6)	CY 7858
BASELINE (1975)	53.985	RDBM TAG IN CONC BASE TRAFFIC LIGHT 53FT S & 43FT W/O C/L INT CRENSHAW BLVD & BROADWAY	CY 7859
BASELINE (1975)	49.463	L AFC BR CAP MON FL IN N ABUT TO BRIDGE OVER F C CHANNEL 50FT E/O C/L CRENSHAW BLVD & 191FT N/O 132ND ST MKD (BM 114-63 1959)	CY 7860
BASELINE (1975)	46.536	L&BN IN N WALL L AFC CHANNEL 49FT W/O C/L CRENSHAW BLVD & 187FT N C/L 132ND ST	CY 7861
BASELINE (1975)	46.326	RDBM TAG IN W CB 8FT N & 40FT W C/L INT CRENSHAW BLVD & 134TH ST	CY 7862
BASELINE (1975)	47.230	CS BR CAP MON NE COR C B 19FT N & 65FT W C/L INT CRENSHAW BLVD & 139TH ST MKD (BM 27-77A 1965 5869)	CY 7863
BASELINE (1975)	47.178	L&SPK IN N END C B 1FT W/O CB 36FT S & 41FT W/O C/L INT 139TH ST & CRENSHAW BLVD	CY 7864
BASELINE (1975)	162.267	BR DISK 43FT N BCR 100FT N & 28FT E C/L INT FLORENCE AVE & WEST BLVD MKD (OJA 1968 MWD)	CY 8237
BASELINE (1975)	176.874	USC&GS MCN 2IN UP 495FT ELY & 43FT NLY C/L INT FLORENCE AVE & REDCNDG BLVD 15FT SLY SFRR TRACK MKD (R415-1935)	CY 8238

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	172.037	USC&GS MCN N EDGE TEL M H 1060FT ELY PRAIRIE AVE & 55FT NLY C/L FLORENCE AVE MKD (F 973 -1964) 500FT W/O REDONDO BLVD	CY 8239
BASELINE (1975)	163.915	USC&GS MCN FL IN NW COR C B 3FT NLY CB 58FTNLY & 56FT WLY C/L INT FLORENCE AVE & PRAIRIE AVE MKD(K 973 - 1964)	CY 8240
BASELINE (1975)	152.949	USC&GS BR DISK 1FT N/O CB 12FT W/O BCR 46FT N & 73FT W C/L INT FLORENCE AVE & CENTINELA AVE MKD (N 978 -1964)	CY 8241
BASELINE (1975)	85.910	L & N 3FT N BCR 35FT NLY & 17FT ELY C/L INT HYDE PARK BLVD & GLENWAY DR	CY 8242
BASELINE (1975)	85.987	L & B 5FT NLY BCR 41FT NLY & 17FT WLY C/L INT HYDE PARK BLVD & GLENWAY DR	CY 8243
BASELINE (1975)	79.634	RAMSET 5FT WLY BCR 17FT NLY & 105FT WLY C/L INT LA CIENEGA BLVD & THORNBURN ST	CY 8244
BASELINE (1975)	84.211	L&SPK 0.7FT E BCR 18FT N & 58FT ELY C/L INT LA TIJERA BLVD & THORNBURN ST	CY 8245
HAWTHRNE (1980)	68.589	USC&GS MCN 6FT E BCR @ NE COR IMPERIAL HWY & PRAIRIE AVE 40FT N & 62FT E C/L INT MKD (P 1054 1960)	CY 8257
HAWTHRNE (1980)	76.460	RDBM TAG 3FT E BCR @ NE COR IMPERIAL HWY & INGLEWOOD AVE 40FT N & 47FT E C/L INT	CY 8258
HAWTHRNE (1980)	76.761	L & BN @ NW COR IMPERIAL HWY & INGLEWOOD AVE 40FT N & 44FT W C/L INT MKD (BM)	CY 8259
HAWTHRNE (1980)	83.863	L & T 7FT W BCR @ NW COR LA CIENEGA BLVD & 104TH ST 27FT N & 75FT W C/L INT	CY 8275
HAWTHRNE (1980)	81.775	L&BRAD 46FT W C/L LA CIENEGA BLVD & 32FT S C/L LENNOX BLVD	CY 8276
HAWTHRNE (1980)	80.529	CITY OF LA BM MCN FL IN C B @ SW COR LA CIENEGA BLVD & 111TH ST 50FT S & 45FT W/O C/L INT 6FT S/O BCR 2FT BACK OF CB MKD (PBM 17.12700)	CY 8277
BASELINE (1975)	114.439	CS MCN IN WELL 2FT N CB FACE 44FT N C/L ROSECRANS AVE & 6FT W C/L FLOURNOY RD MKD (BM 21-23A 1970)	CY 8302
BASELINE (1975)	162.566	CS MCN IN WELL 8IN DN 43FT N/O C/L ROSECRANS AVE & 6FT W/O C/L OAK AVE MKD (BM 21-22D 1970)	CY 8303

QUAD-YEAR	ELEV	DESCRIPTION (INCLUDE QUAD AND YEAR IN DESCRIPTION)	BM NUMBER
BASELINE (1975)	163.639	L&BR IN S CB ISLAND ON C/L OAK AVE & 4FT S/O C/L ROSECRANS AVE	CY 8304
BASELINE (1975)	72.061	L & BRAD S CB ROSECRANS AVE 55FT S C/L & 5FT W C/L SHOUP AVE PRCD	CY 8306
BASELINE (1975)	72.841	CS MON IN WELL 8IN DN @ SW COR ROSECRANS AVE & MANSEL AVE 62FT S & 18FT W/O C/L INT MKD (BM 21-16A)	CY 8307
TORRANCE (1980)	107.069	LACS BM MON IN WELL 8IN DN 42FT N & 160FT E C/L INT HAWTHORNE BLVD & TORRANCE BLVD 3FT NO CB MKD (55-3-5)	CY 8318
TORRANCE (1980)	106.168	RDBM TAG IN E CB 2FT S BCR @ SE COR HAWTHORNE BLVD & TORRANCE BLVD 55FT E & 81FT S C/L INT	CY 8319
TORRANCE (1980)	80.045	RDBM TAG IN N CB 10FT W ECR @ NE COR HAWTHORNE BLVD & CARSON ST 38FT N & 78FT E C/L INT	CY 8320
TORRANCE (1980)	79.940	RAMSET IN THE E CB 1FT S BCR @ SE COR HAWTHORNE BLVD & CARSON ST 62FT E & 78FT S C/L INT	CY 8321
TORRANCE (1980)	94.202	L & BN IN N CB 1FT W BCR @ NW COR HAWTHORNE BLVD & REDONDC BEACH BLVD 12FT S & 91FT W C/L INT STPD (BM)	CY 8322
TORRANCE (1980)	118.024	L & T NR CTR CB RET @ SE COR ARTESIA BLVD & INGLEWOOD AVE 46FT S & 46FT E C/L INT	CY 8324
TORRANCE (1980)	104.059	RDBM TAG IN S CB 15FT W CB END @ SW COR INGLEWOOD AVE & NELSON AVE 14FT S & 37FT W/O C/L INT	CY 8339
TORRANCE (1980)	68.878	RDBM TAG IN S CB 25FT E BCR @ SE COR INGLEWOOD AVE & 162ND ST 62FT E & 16FT S C/L INT	CY 8340
TORRANCE (1980)	59.603	RDBM TAG IN W CB 1FT S BCR @ NW COR INGLEWOOD AVE & MANHATTAN BEACH BLVD 32FT W & 76FT N C/L INT	CY 8341
TORRANCE (1980)	47.677	L&T IN SO CB ISL COLLEGE SERVICE RD 60FT S & 50FT E C/L INT MANHATTAN BEACH BLVD & LEMOLI AVE	CY 8342
TORRANCE (1980)	47.729	L & T IN E CB 40FT E C/L PRAIRIE AVE ON C/L PROD 162ND ST	CY 8351
TORRANCE (1980)	47.761	RDBM TAG IN N CB 28FT W ECR @ NW COR PRAIRIE AVE & 162ND ST 23FT N & 93FT W C/L INT	CY 8352
TORRANCE (1980)	49.778	L & T W CB 3FT S BCR @ NW COR PRAIRIE AVE & 166TH ST 41FT N & 40FT W C/L INT	CY 8353

