

**LOS ANGELES COUNTY
PUBLIC WORKS**

BENCHMARKS



Public Works
LOS ANGELES COUNTY

POMONA QUAD

2013 ADJUSTMENT

2013 BASELINE

NAVD 88 DATUM FOOT/METER

PREFACE

The Department of Public Works level net is composed of more than 1,700 miles or 2720 kilometers of levels supporting in excess of 9,000 benchmarks. Previously when a major readjustment of the net was undertaken, to emphasize the complete break with previous elevations, the CY, CG, and CL, series benchmarks were re-labeled DY, DG, and DL, respectively. Beginning in 1993 the Baseline readjustment year will be indicated on Baseline BM's, as indicated below (*). Henceforth all BM numbers will be labeled as a Y, G, or L series that will no longer indicate the major adjustment year.

To facilitate the adjustment, indexing and distribution of the adjusted values of the net, the county territory was divided into 33 quads or areas. For the identification purposes each quad was given a name (i.e. "Rosemead", "La Mirada", and "Santa Fe"...etc). When benchmarks and elevations in the quad are used, the name of the bench and quad must be stated in the description, i.e.:

(*)	BASELINE	90.057	L&BR IN CTR OF CB RET @ NE COR	Y 9191
	(1990)	295.461	LA HABRA BLVD & VALLEY HOME AVE	

It is expected that this general adjustment will for the most part remain sound for 8 to 10 years. Updating constrained adjustments will continue in the future. When a quad is readjusted, new elevations will be published and the date of readjustment will be noted in the benchmark description. Two benchmarks 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 ± 0.017 feet per mile (4mm per kilometer) of leveling as determined from conditions of closure. However, many years of experience in vertical control in the greater Los Angeles basin and Antelope Valley indicates that because of varying degrees of subsidence and heaving, the true datum is recovered only by obtaining substantial agreement of a number of benchmarks.

The users of this network of benchmarks are invited to assist in its maintenance by notifying this department of cases of obliteration, apparent mistakes in descriptions or elevations, and the disturbance of benchmarks.

Datum: North American Vertical Datum of 1988 (NAVD88)

Note: NAVD 1988 minus approximately 2.3 feet (70 cm) equals NGVD 1929 Datum. For more accurate equations at individual benchmarks refer to previous publications.

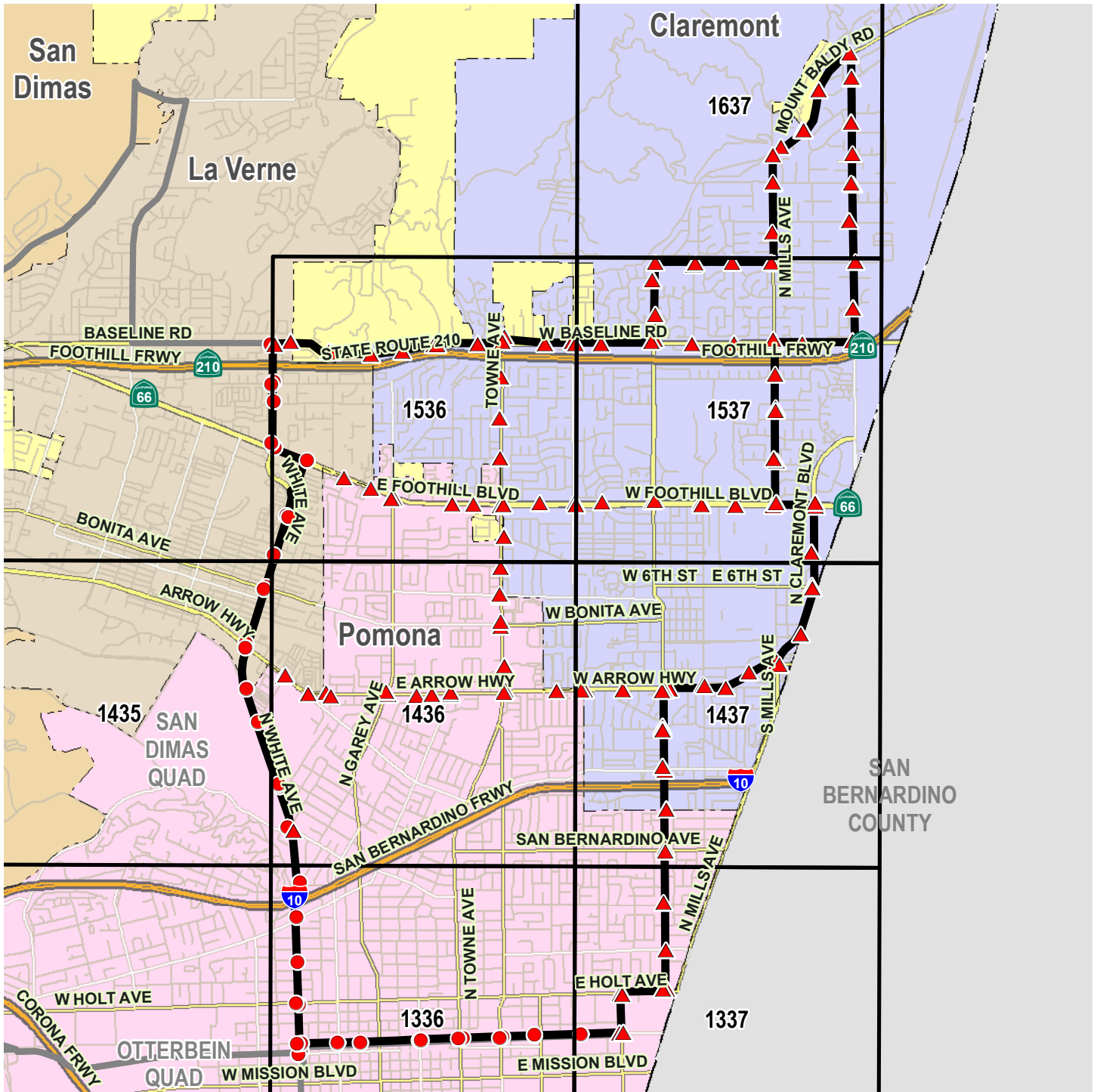
Abbreviations used in Benchmark Descriptions





Abbreviations	Descriptions	Abbreviations	Descriptions
<i>ABUT</i>	Abutment	<i>LT</i>	Lead and Tack
<i>ALG</i>	Along	<i>LACE</i>	Los Angeles City Engineer
<i>ANG PT</i>	Angle Point	<i>LACS</i>	La County Engineer
<i>B/W</i>	Back of Walk	<i>LAFC</i>	La County Flood Control
<i>BCR</i>	Begin Curb Return	<i>L&BN</i>	Lead and Bench Nail
<i>BC</i>	Begin Curve	<i>L&BR</i>	Lead and Brad
<i>BLDG</i>	Building	<i>L&N</i>	Lead and Nail
<i>BM</i>	Benchmark	<i>L&SPK</i>	Lead and Spike
<i>BT SPK</i>	Boat or Bolt Spike	<i>L&T</i>	Lead and Tack
<i>BR CAP</i>	Brass Cap Monument	<i>MCR</i>	Middle Curb Return
<i>C B</i>	Catch Basin	<i>MKD</i>	Marked
<i>CTR</i>	Center	<i>MC</i>	Middle Curve
<i>C/L</i>	Centerline	<i>MON</i>	Monument
<i>C/L INT</i>	Centerline Intersection	<i>N/O</i>	North of
<i>C/L PROD</i>	Centerline Produced	<i>NR</i>	Near
<i>CONC</i>	Concrete	<i>OPP</i>	Opposite
<i>COR</i>	Corner	<i>PI</i>	Point of Intersection
<i>COE</i>	Corps of Engineers	<i>PK&W</i>	PK Nail and Washer
<i>CULV</i>	Culvert	<i>P/L</i>	Property Line
<i>CYN</i>	Canyon	<i>POST</i>	Point on Simi-Tangent
<i>CB</i>	Curb	<i>PP</i>	Power Pole
<i>CS MON</i>	Co. Eng. Monument	<i>PVMT</i>	Pavement
<i>CT SPK</i>	Cut Spike	<i>PROD</i>	Produced
<i>DPW</i>	Dept of Public Works	<i>RD</i>	Road
<i>DR</i>	Driveway	<i>RDBM</i>	Road Dept Benchmark
<i>E/O</i>	East of	<i>RDBM TAG</i>	Road Dept Benchmark Tag
<i>ECR</i>	End Curb Return	<i>RR</i>	Railroad
<i>EC</i>	End Curve	<i>R/W</i>	Right of Way
<i>ENT</i>	Entrance	<i>SDMH</i>	Storm Drain Manhole
<i>FL</i>	Flow line	<i>SMH</i>	Sewer Manhole
<i>FTG</i>	Footing	<i>SPK</i>	Spike
<i>FRWY</i>	Freeway	<i>ST&W</i>	Spike Tin and Washer
<i>F/W</i>	Front of Walk	<i>S/O</i>	South of
<i>GAR</i>	Garage	<i>TP</i>	Telephone Pole
<i>HDWL</i>	Head Wall	<i>USC&GS</i>	US Coast and Geodetic Survey
<i>HSE</i>	House	<i>USGS</i>	US Geological Survey
<i>HWY</i>	Highway	<i>WK</i>	Walk
<i>INT</i>	Intersection	<i>W/O</i>	West of
<i>IP</i>	Iron Pipe		

QUAD COVERAGE INDEX MAP



POMONA QUAD INDEX

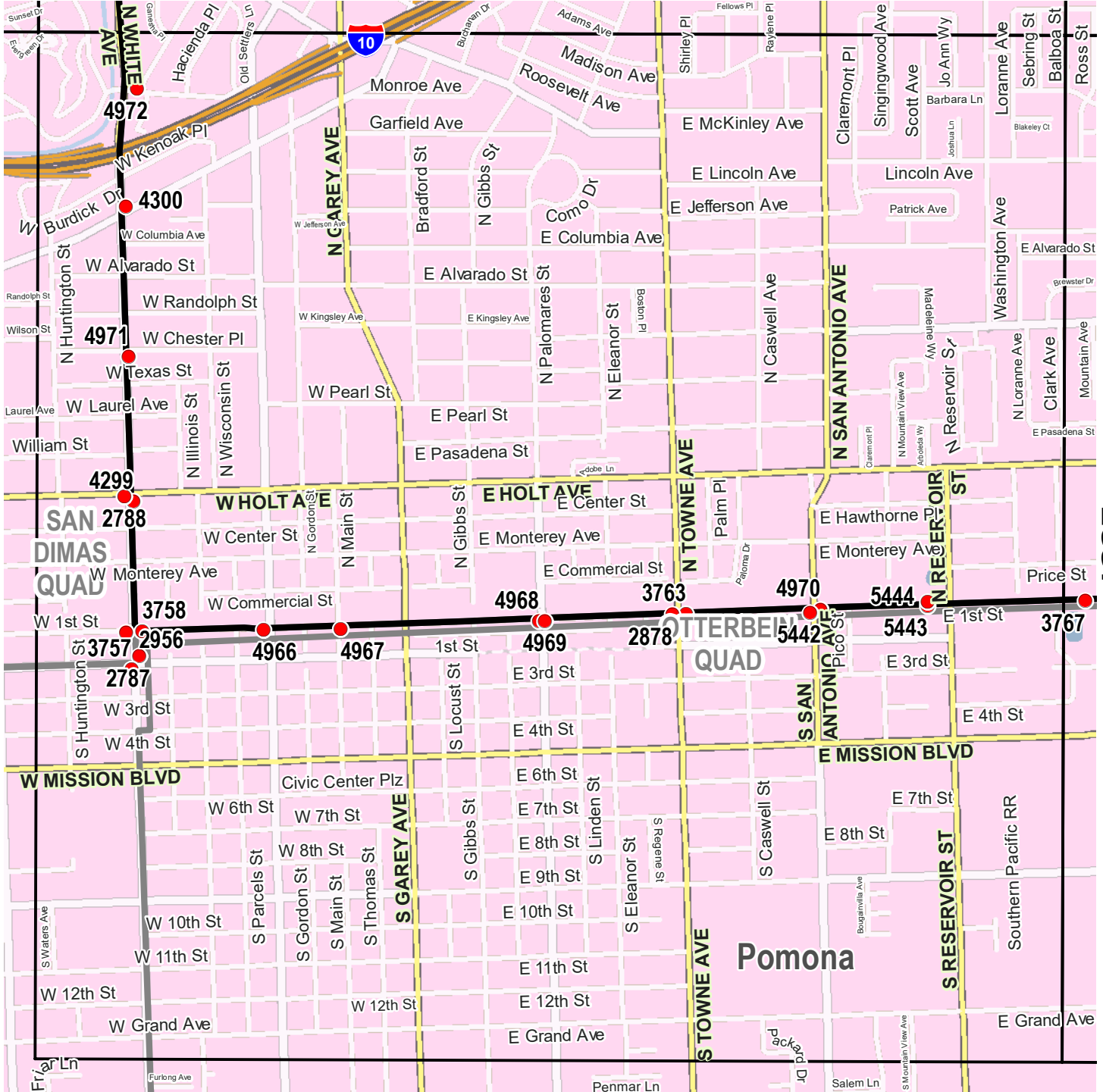


-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM







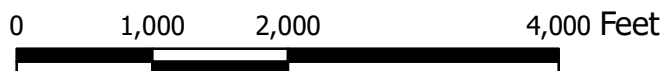
GRID 1336 POMONA QUAD

1436

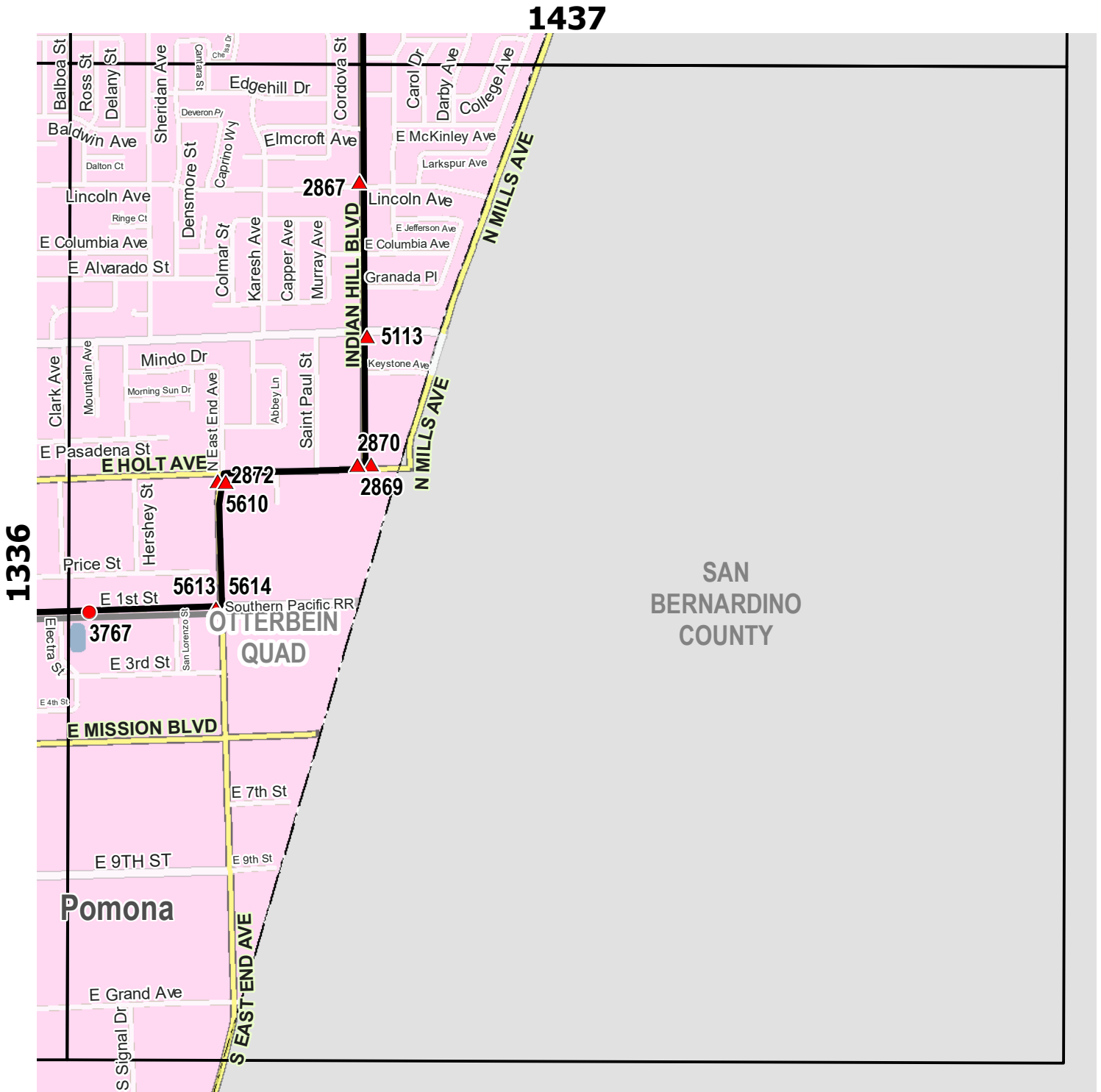


1337

-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM







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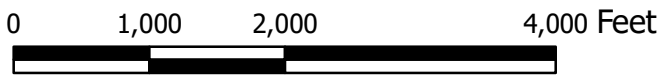


SAN
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COUNTY

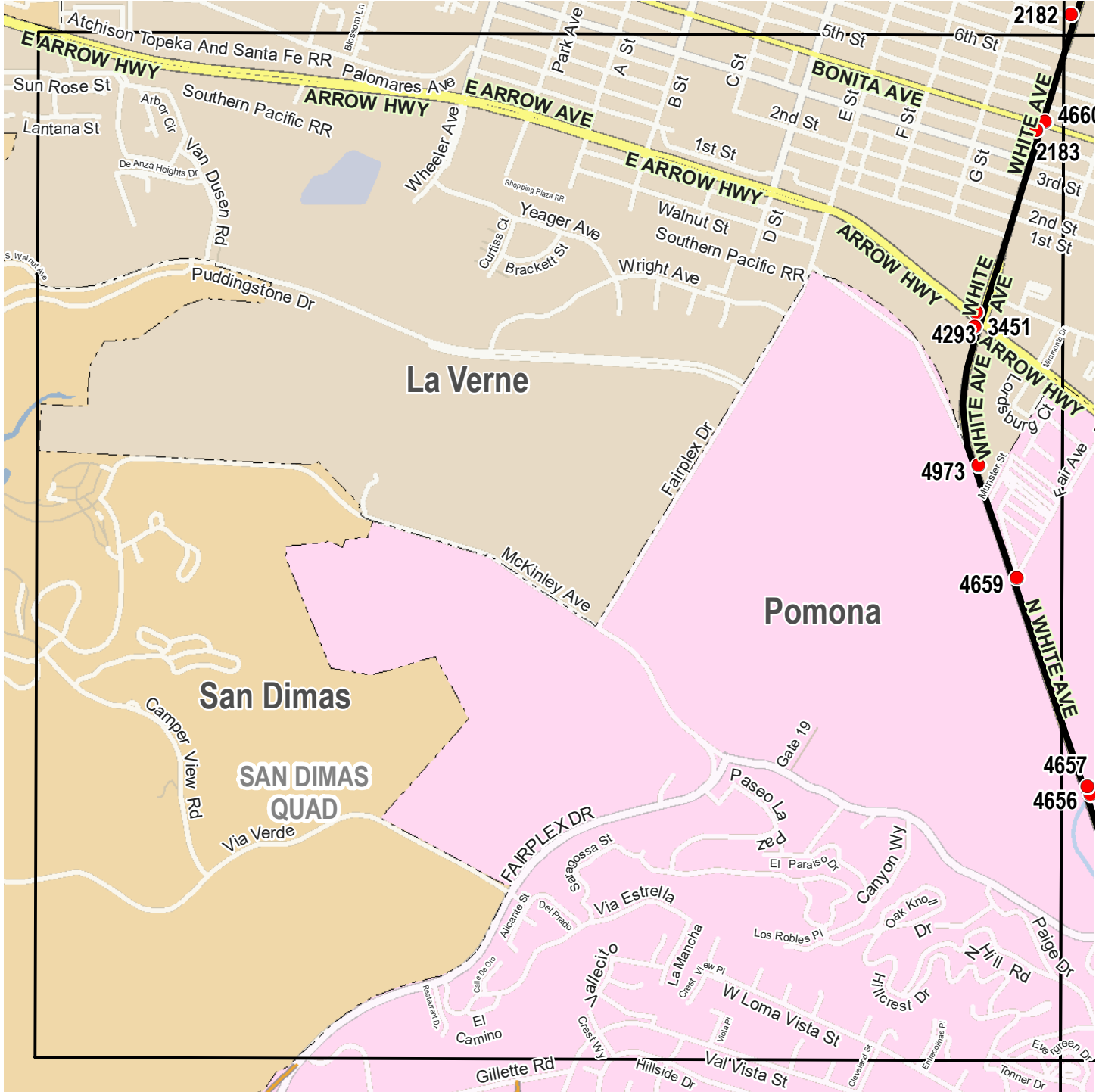
Pomona





OTTERBEIN
QUAD

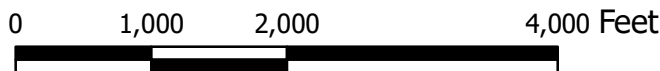
-  Quad Boundary
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GRID 1435 POMONA QUAD



-  Quad Boundary
-  Field Book Grid
-  Baseline BM
-  Interior BM

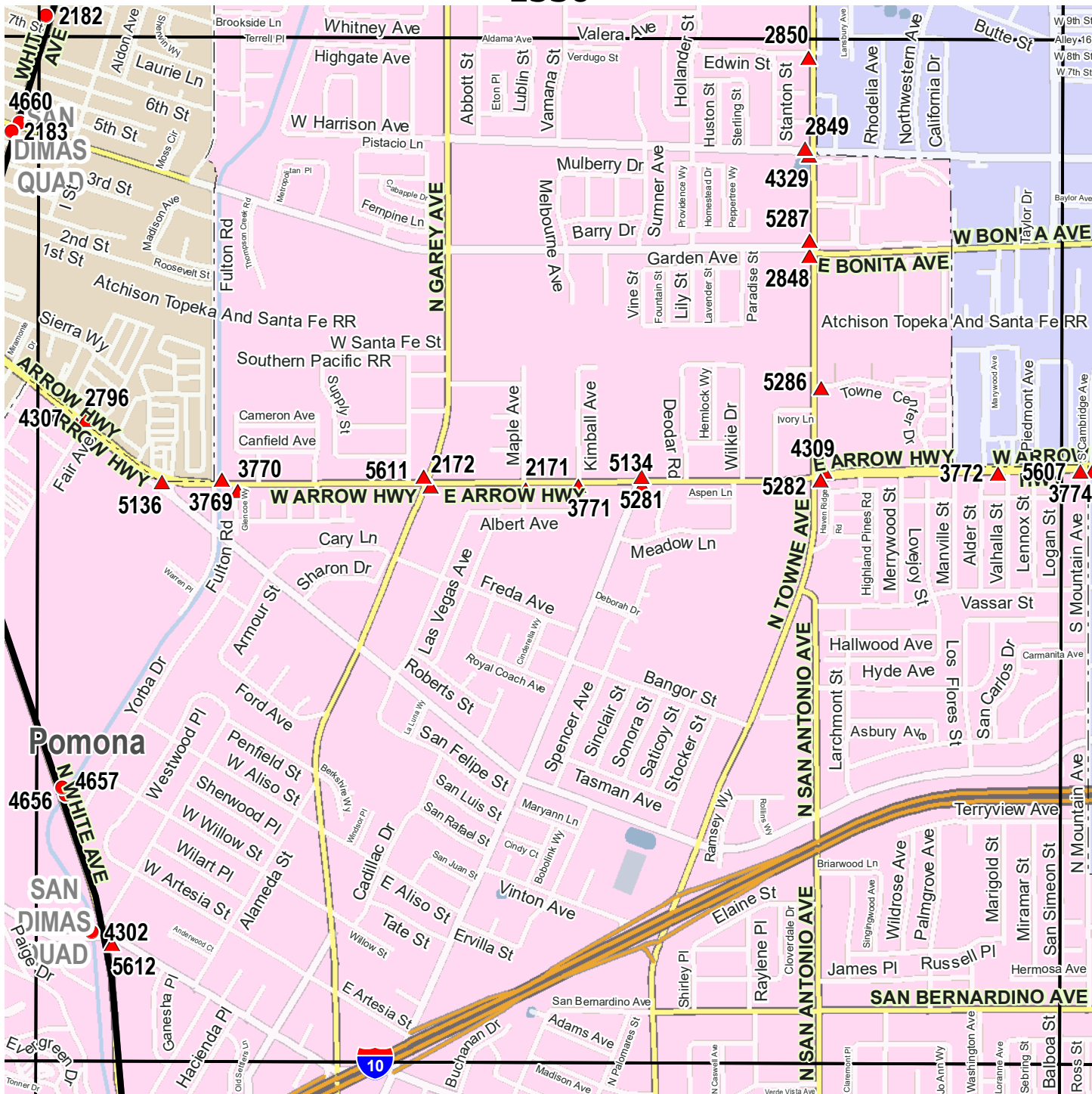






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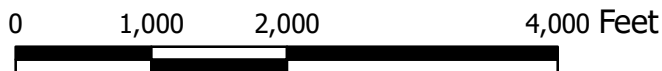


GRID 1436 POMONA QUAD

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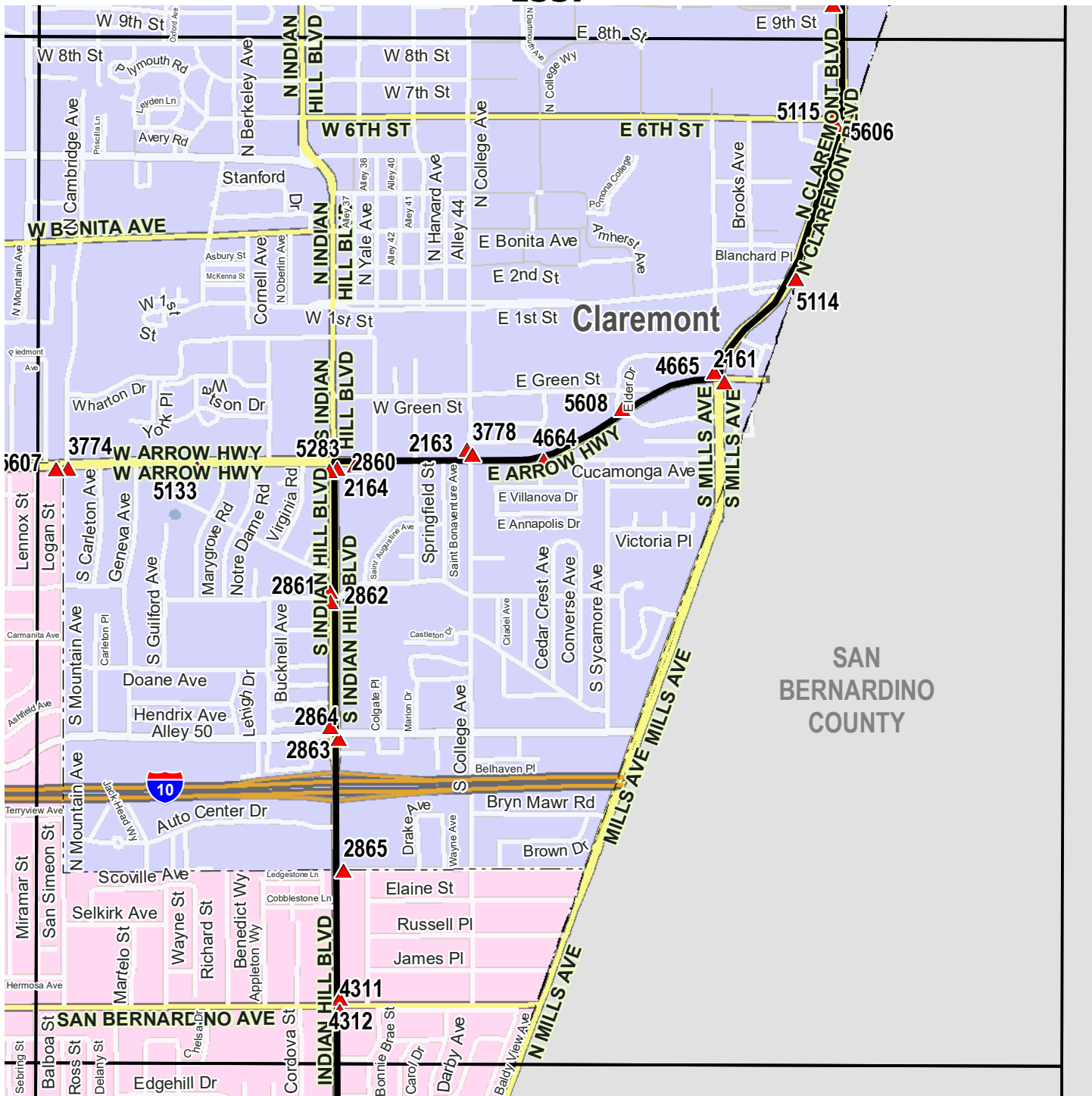
-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM





GRID 1437 POMONA QUAD

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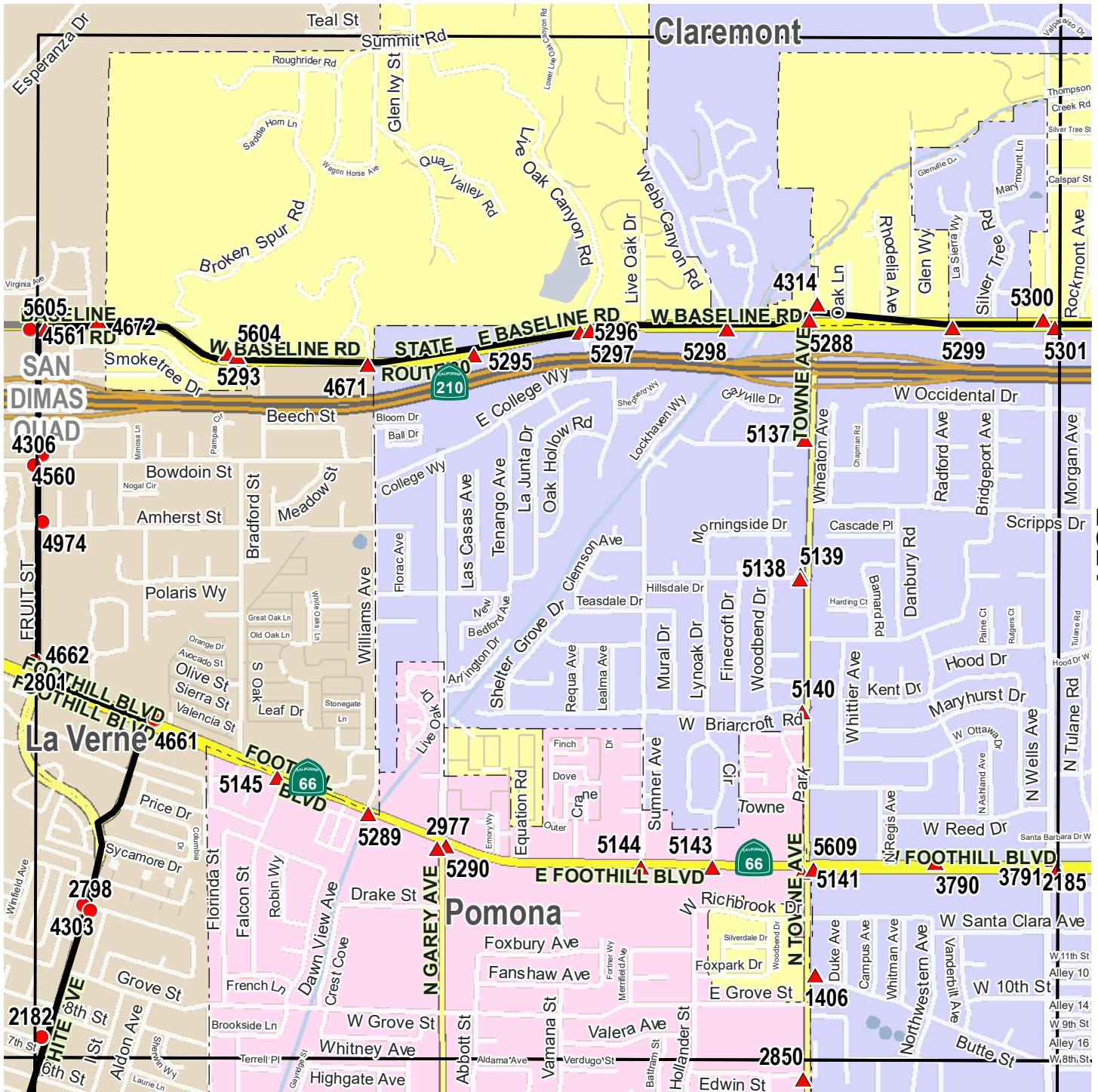
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-  Quad Boundary
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-  Interior BM





0 1,000 2,000 4,000 Feet

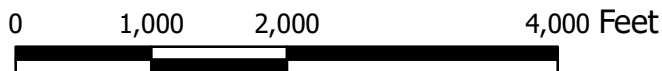


GRID 1536 POMONA QUAD



1436

-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM

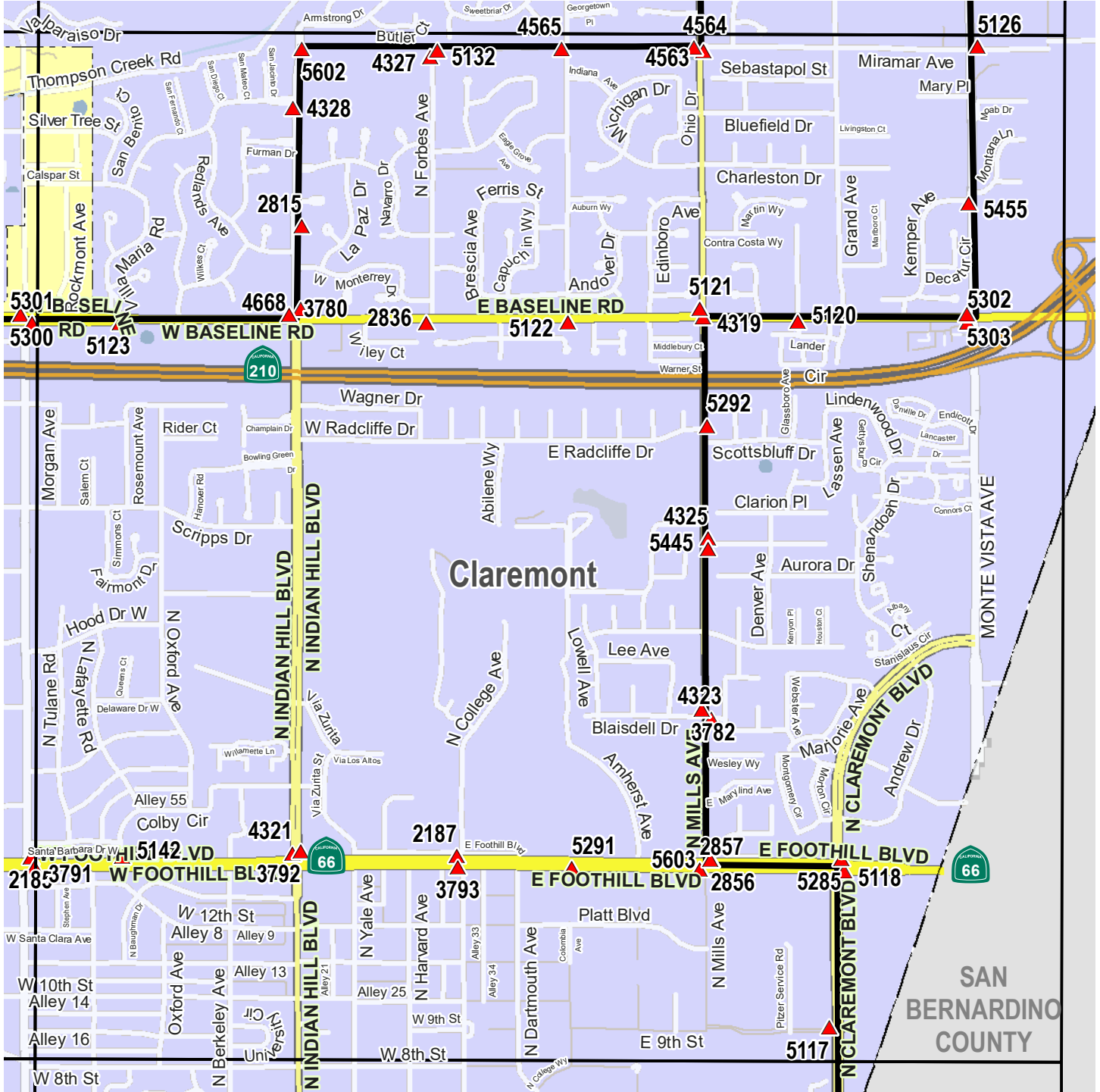


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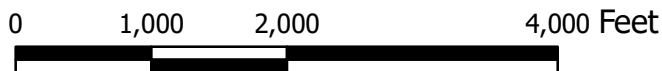
GRID 1537 POMONA QUAD

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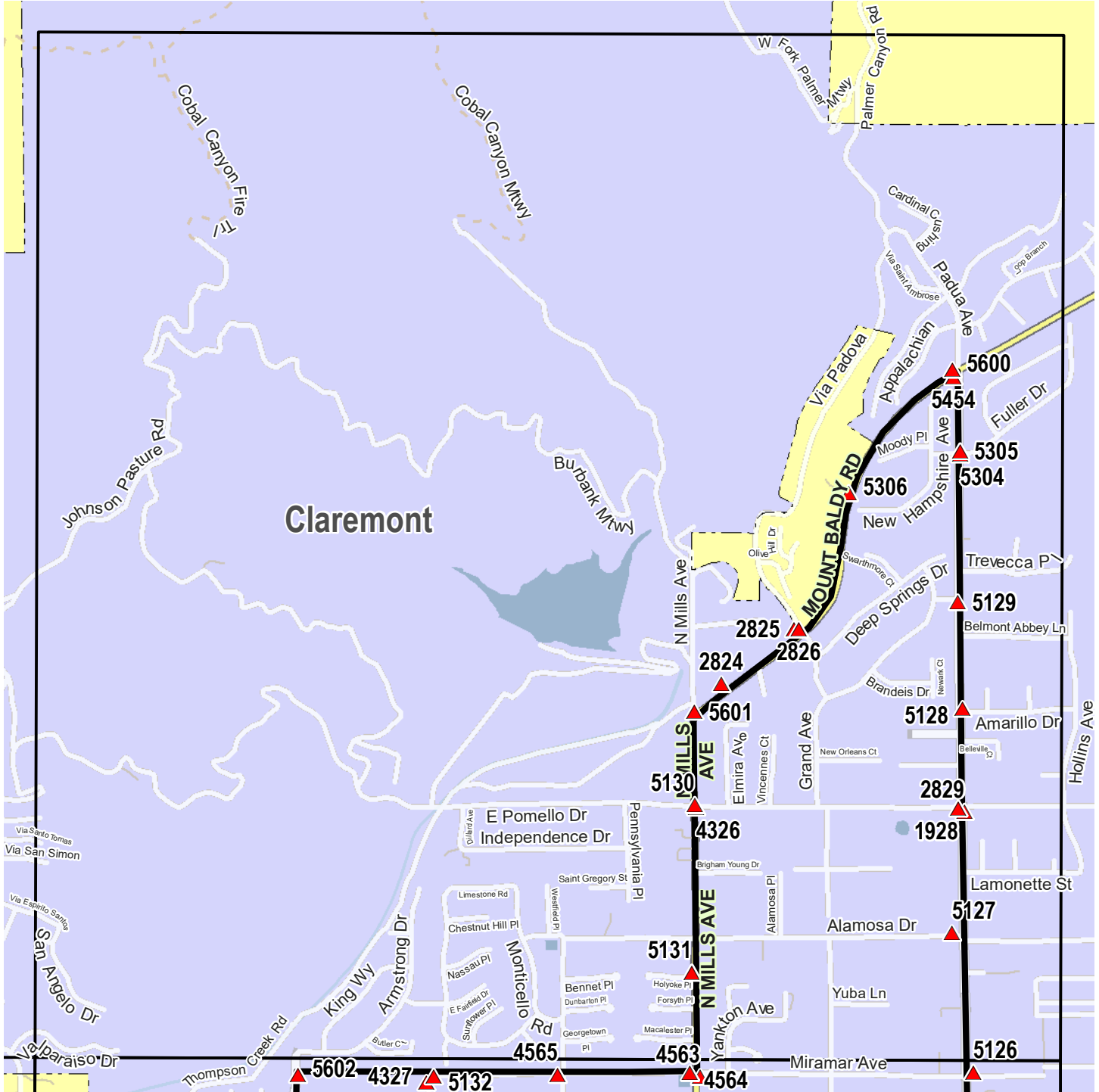


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-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM

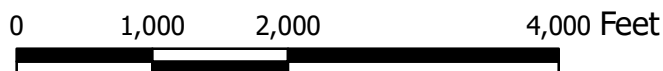


GRID 1637 POMONA QUAD



1537

-  Quad Boundary
-  Baseline BM
-  Field Book Grid
-  Interior BM



LA County Public Works Survey Section

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,177.662 358.952	L&BN IN E CB (SERV RD) 2FT N/O BCR @ NE COR TOWNE AVE & BUTTE ST	G 1406
POMONA 2013	1,688.574 514.678	RDBM TAG IN BRICK BASE OF FENCE 2FT W/O COR 20FT S/O & 32.8FT W/O C/L INT PADUA AVE & POMELLO DR	G 1928
POMONA 2013	1,155.774 352.281	L&BN IN S CB 1FT E/O BCR @ SE COR MILLS AVE & ARROW HWY 78.7FT E/O & 29.5FT S/O C/L INT	G 2161
POMONA 2013	1,110.624 338.519	L&PK IN W CB 52.5FT N/O BCR @ NW COR ARROW HWY & COLLEGE AVE 88.6FT N/O & 26.2FT W/O C/L INT	G 2163
POMONA 2013	1,112.205 339.001	RDBM TAG IN S CB ARROW HWY 39.4FT S/O C/L & 210FT E/O C/L INDIAN HILL BLVD	G 2164
POMONA 2013	1,046.080 318.846	L&BR IN E CB RET 2FT N/O BCR @ SE COR ARROW HWY & MAPLE AVE 75.5FT S/O & 18FT E/O C/L INT	G 2171
POMONA 2013	1,041.094 317.326	RDBM TAG IN S CB 1FT E/O BCR @ SE COR ARROW HWY & GAREY AVE 59FT E/O & 39.4FT S/O C/L INT	G 2172
BASELINE 2013	1,084.189 330.461	CSBM MON IN WELL 2FT N/O CF 13FT W/O BCR @ NW COR WHITE AVE & 7TH ST 42.7FT W/O & 18FT N/O C/L INT MKD (BM 13-8 1952 RE 63)	G 2182
BASELINE 2013	1,066.105 324.949	L&BN IN W CB 6.5FT S/O BCR @ SW COR WHITE AVE & BONITA AVE 70.5FT S/O & 24.6FT W/O C/L INT	G 2183
POMONA 2013	1,233.436 375.952	BT SPK IN E CB N END C B @ NE COR MOUNTAIN AVE & FOOTHILL BLVD MKD (SD 515)	G 2185
POMONA 2013	1,284.686 391.573	L&PK IN N CB 10FT W/O BCR @ NW COR COLLEGE AVE & FOOTHILL BLVD	G 2187
BASELINE 2013	848.315 258.567	L&BN IN E CB 1FT N/O BCR @ NE COR WHITE AVE & 2ND ST 60.6FT N/O & 42.7FT E/O C/L INT	G 2787
BASELINE 2013	860.429 262.259	CSBM MON IN WELL 0.6FT DN IN GUTTER 16.4FT E/O BCR @ SW COR WHITE AVE & HOLT AVE 56FT W/O & 36FT S/O C/L INT MKD (BM 13-1 1952)	G 2788
POMONA 2013	1,035.114 315.503	L&T IN N CB ARROW HWY 42.7FT N/O C/L ON C/L PROD FAIR AVE	G 2796
BASELINE 2013	1,104.812 336.747	L&BN IN E CB 1FT S/O BCR @ SE COR WHITE AVE & KENDALL ST 49.2FT S/O & 39.4FT E/O C/L INT	G 2798
BASELINE 2013	1,142.008 348.085	BT SPK IN W CB 60.7FT N/O BCR @ NW COR FRUIT ST & FOOTHILL BLVD 141FT N/O & 39.4FT W/O C/L INT	G 2801

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,421.775 433.358	L&T IN S CB OF DRWY TO HSE #2258 INDIAN HILL BLVD 62.3 E/O C/L & 249FT S/O C/L SAN LUIS PL	G 2815
POMONA 2013	1,663.046 506.897	L&BN IN SE LEG CONC BASE OF TOWER #228-D6 436FT E/O & 78.7FT N/O C/L INT MILLS AVE & MT BALDY RD	G 2824
POMONA 2013	1,689.857 515.069	L&BN IN SE CONC BASE OF TOWER #228-D5 82FT N/O & 56FT W/O C/L INT MT BALDY RD & VIA PADOVA	G 2825
POMONA 2013	1,692.795 515.965	L&BN IN N END ROCK WALL 52.5FT N/O & 24.6FT W/O C/L INT MT BALDY RD & VIA PADOVA	G 2826
POMONA 2013	1,688.163 514.553	RDBM TAG IN E CB 3.3FT S/O BCR @ SE COR PADUA AVE & PAMELLO DR	G 2829
POMONA 2013	1,421.407 433.246	RDBM TAG IN S CB BASELINE RD 39.4FT S/O C/L & 56FT W/O C/L PROD FORBES AVE	G 2836
POMONA 2013	1,116.217 340.224	L&PK IN W CB 2FT S/O BCR @ SW COR TOWNE AVE & BONITA AVE	G 2848
POMONA 2013	1,137.785 346.780	L&PK IN N CB 2M(6.5FT) W/O BCR @ NW COR TOWNE AVE & HARRISON AVE	G 2849
POMONA 2013	1,155.971 352.341	RDBM TAG IN W CB 1FT S/O BCR @ SW COR TOWNE AVE & EDWIN AVE	G 2850
POMONA 2013	1,309.628 399.175	L&PK IN N CB 5FT E/O BCR @ NE COR FOOTHILL BLVD & MILLS AVE 49.2FT E/O & 44FT N/O C/L INT	G 2856
POMONA 2013	1,306.793 398.311	RDBM TAG IN S CB 1FT W/O BCR @ SW COR FOOTHILL BLVD & MILLS AVE 44FT S/O & 56FT W/O C/L INT	G 2857
POMONA 2013	1,109.521 338.183	L&T IN E CB 1FT N/O BCR @ SE COR INDIAN HILL BLVD & ARROW HWY 72FT S/O & 42.7FT E/O C/L INT	G 2860
POMONA 2013	1,078.897 328.848	L&PK IN W CB 5FT N/O BCR @ NW COR INDIAN HILL BLVD & VISTA DR 59FT N/O & 34.4FT W/O C/L INT	G 2861
POMONA 2013	1,075.589 327.840	RDBM TAG IN W CB 1FT S/O BCR @ SW COR INDIAN HILL BLVD & VISTA DR 52.5FT S/O & 34.4FT W/O C/L INT	G 2862
POMONA 2013	1,047.051 319.142	RDBM TAG IN W CB 1FT N/O BCR @ NW COR INDIAN HILL BLVD & SAN JOSE AVE 56FT N/O & 39.4FT W/O C/L INT	G 2863
POMONA 2013	1,044.243 318.286	RDBM TAG IN E CB 1FT S/O BCR @ SE INDIAN HILL BLVD & SAN JOSE AVE 62.3FT S/O & 39.4FT E/O C/L INT	G 2864
POMONA 2013	1,018.904 310.563	L&PK IN S CB 11.5FT E/O BCR @ SE COR AMERICAN AVE & INDIAN HILL BLVD 78.7FT E/O & 16.4FT S/O C/L INT	G 2865
POMONA 2013	965.960 294.425	L&PK IN W CB 3.3FT N/O BCR @ NW COR INDIAN HILL BLVD & LINCOLN AVE 46FT N/O & 34.4FT W/O C/L INT	G 2867
POMONA 2013	922.840 281.282	L&PK IN N CB 1FT E/O BCR @ NE COR INDIAN HILL BLVD & HOLT AVE 72FT E/O & 39.4FT N/O C/L INT	G 2869
POMONA 2013	922.070 281.047	RDBM TAG IN N CB 1FT W/O BCR @ NW COR HOLT AVE & INDIAN HILL BLVD 65.6FT W/O & 39.4FT N/O C/L INT	G 2870

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	914.035 278.598	L&T IN W CB 3.3FT N/O BCR @ SW COR HOLT AVE & EAST END AVE 80.4FT S/O & 34.4FT W/O C/L INT	G 2872
BASELINE 2013	877.218 267.377	CSBM MON @ SW ABUT OF BRIDGE OVER TOWNE AVE 51FT W/O C/L & 26.2FT S/O C/L 1ST ST MKD (BM 11-79A 1962 RE 5869)	G 2878
BASELINE 2013	852.853 259.950	CSBM MON IN HDWL 6.5FT S/O CF @ W END OF BRIDGE OVER WHITE AVE 85FT W/O C/L & 26.2FT S/O C/L 1ST ST MKD (BM 11-83A 1962 RE 5869)	G 2956
POMONA 2013	1,166.498 355.549	L&N IN W CB 46FT S/O BCR @ SW COR FOOTHILL BLVD & GAREY AVE	G 2977
BASELINE 2013	1,039.058 316.706	RDBM TAG IN W CB WHITE AVE 1FT N/O BCR 39.4FT W/O C/L & 59FT S/O C/L ARROW HWY	G 3451
BASELINE 2013	848.068 258.492	RDBM TAG IN W CB 2FT S/O BCR @ SW COR 2ND ST & WHITE AVE 65.5FT S/O & 32.8FT W/O C/L INT	G 3757
BASELINE 2013	853.493 260.145	RDBM TAG IN S CB @ SE COR OF BRIDGE OVER WHITE AVE 277FT E/O C/L & 19.7FT S/O C/L 1ST ST	G 3758
BASELINE 2013	876.760 267.237	L&PK @ SE ABUT OF BRIDGE OVER TOWNE AVE 79FT E/O C/L & 26.2FT S/O C/L 1ST ST	G 3763
BASELINE 2013	890.269 271.355	RDBM IN S CB 1ST ST 19.7FT S/O C/L @ E P/L WATER RESERVOIR 285FT E/O ELECTRA ST	G 3767
POMONA 2013	1,033.374 314.973	FC MON IN E END C B @ NE COR ARROW HWY & FULTON RD 46FT N/O & 72FT E/O C/L INT MKD (BM 105-00770 1966)	G 3769
POMONA 2013	1,033.063 314.878	RDBM TAG IN E CB 1FT N/O BCR @ SE COR ARROW HWY & GLENCOE WAY 72FT S/O & 18FT E/O C/L INT	G 3770
POMONA 2013	1,050.409 320.165	L&T IN S CB ARROW HWY 42.7FT S/O C/L ON C/L PROD KIMBALL AVE	G 3771
POMONA 2013	1,088.241 331.697	L&T IN S CB 40'M W/O BCR @ SW COR ARROW HWY & VALHALLA ST	G 3772
POMONA 2013	1,095.141 333.800	RDBM TAG IN S CB 1FT E/O BCR @ SE COR ARROW HWY & MOUNTAIN AVE 56FT E/O & 42.7FT S/O C/L INT	G 3774
POMONA 2013	1,109.632 338.216	RDBM TAG IN E CB 6.5FT N/O BCR @ NE COR ARROW HWY & COLLEGE AVE 46FT N/O & 24.6FT E/O C/L INT	G 3778
POMONA 2013	1,396.656 425.702	USC&GS MON IN NW CB RET 3.3FT E/O BCR @ BASELINE RD & INDIAN HILL BLVD 62.3FT W/O & 39.4FT N/O C/L INT MKD (D 36 RESET 1967)	G 3780
POMONA 2013	1,356.881 413.578	L&PK IN W CB 1' N/O BCR @ NW COR MILLS AVE & BLAISDELL DR 60' N & 33' W/O C/L INT	G 3782
POMONA 2013	1,217.084 370.968	RDBM TAG IN N CB FOOTHILL BLVD 37.7FT N/O C/L & 550FT E/O C/L REGIS ST 75.5FT E/O BLDG #973	G 3790

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,232.814 375.762	RDBM TAG IN S CB 36FT E/O BCR @ SE COR FOOTHILL BLVD & MOUNTAIN AVE(@ C. B.	G 3791
POMONA 2013	1,259.551 383.912	RDBM TAG IN E CB 5FT N/O BCR @ NE COR FOOTHILL BLVD & INDIAN HILL BLVD	G 3792
POMONA 2013	1,282.784 390.993	RDBM TAG IN S CB 3.3FT W/O BCR @ SW COR FOOTHILL BLVD & COLLEGE AVE	G 3793
BASELINE 2013	1,040.583 317.170	L&T IN CTR CB RET @ NW COR WHITE AVE & ARROW HWY 70.5FT W/O & 55.8FT N/O C/L INT	G 4293
BASELINE 2013	861.741 262.659	RAMSET IN E/O CB 16.4FT S/O BCR @ SE COR WHITE AVE & HOLT AVE 86.9FT S/O & 34.4FT E/O C/L INT	G 4299
BASELINE 2013	889.360 271.077	L&PK NAIL IN CTR OF CB RET @ NE COR WHITE AVE & ORANGE GROVE AVE 54FT E/O & 46FT N/O C/L INT	G 4300
BASELINE 2013	937.894 285.871	FC BR DISC IN W END HDWL OF FC CHANNEL @ NW COR MC KINLEY AVE & WHITE AVE 111FT W/O & 36FT N/O C/L INT MKD (BM 105-00005)	G 4302
BASELINE 2013	1,104.957 336.792	L&T IN W CB WHITE AVE 39.4FT W/O C/L & 24.6FT S/O C/L PROD KENDALL ST	G 4303
BASELINE 2013	1,163.160 354.532	RDBM TAG IN W CB 2FT S/O BCR @ SW COR FRUIT ST & BOWDOIN ST 54FT S/O & 43FT W/O C/L INT	G 4306
POMONA 2013	1,034.812 315.411	L&PK NAIL IN S CB ARROW HWY 1FT W/O BCR 42.7FT S/O C/L & 49FT W/O C/L FAIR AVE	G 4307
POMONA 2013	1,073.087 327.078	PK NAIL IN N CB 21.3FT E/O BCR @ NE COR ARROW HWY & TOWNE AVE 100FT E/O & 42.7FT N/O C/L INT	G 4309
POMONA 2013	992.677 302.569	RDBM TAG IN E CB 1FT S/O BCR @ SE COR INDIAN HILL BLVD & SAN BERNARDINO AVE 60.7FT S/O & 34.4FT E/O C/L INT	G 4311
POMONA 2013	995.359 303.386	RDBM TAG IN E CB 1FT N/O BCR @ NE COR INDIAN HILL BLVD & SAN BERNARDINO AVE 59FT N/O & 34.4FT E/O C/L INT	G 4312
POMONA 2013	1,308.118 398.715	RDBM TAG IN NW COR WEIR BOX 13FT E/O & 194FT N/O C/L INT TOWNE AVE & BASELINE RD	G 4314
POMONA 2013	1,470.116 448.092	FC MON IN WELL 2FT S/O C/L BASELINE RD & 2FT W/O C/L MILLS AVE MKD (LAFC DIST)	G 4319
POMONA 2013	1,259.023 383.751	NAIL IN CB RET 1FT S/O BCR @ NW COR FOOTHILL BLVD & INDIAN HILL BLVD	G 4321
POMONA 2013	1,354.980 412.999	RCE TAG #9009 IN S CB 5FT W/O BCR @ SE COR MILLS AVE & BLAISDELL DR 62.3FT E/O & 19.7FT S/O C/L INT	G 4323
POMONA 2013	1,407.596 429.036	RCE TAG #7344 IN E CB 5FT N/O BCR @ NE COR MILLS AVE & BLACK HILLS DR 49.2FT N/O & 33FT E/O C/L INT	G 4325

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,623.108 494.724	RDBM TAG IN NW COR CONC BASE PP #1822460E 24.6FT S/O & 21.3FT E/O C/L INT POMELLO DR & MILLS AVE	G 4326
POMONA 2013	1,488.318 453.640	RDBM TAG IN W CB FORBES AVE 14.8FT W/O C/L & 82FT S/O C/L MIRAMAR AVE @ ENT WALK TO SCHOOL	G 4327
POMONA 2013	1,449.325 441.755	RDBM TAG IN W CB 5FT S/O BCR @ SW COR CARMEL DR & INDIAN HILL BLVD	G 4328
POMONA 2013	1,136.119 346.290	RDBM TAG IN W CB 1FT S/O BCR @ SW COR TOWNE AVE & HARRISON AVE	G 4329
BASELINE 2013	1,165.563 355.264	RDBM TAG IN E CB 1FT N/O BCR @ NE COR FRUIT ST & BOWDOIN ST 59FT N/O & 42.7FT E/O C/L INT	G 4560
BASELINE 2013	1,174.379 357.951	RDBM TAG IN S CB 1FT W/O BCR @ SW COR BASELINE RD & FRUIT ST 79FT W/O & 42.7FT S/O C/L INT	G 4561
POMONA 2013	1,548.495 471.982	L&PK IN E CB @ BCR SE COR MILLS AVE MIRAMIR AVE	G 4563
POMONA 2013	1,550.582 472.618	L&BR IN S CB 1FT W/O BCR @ SW COR MILLS AVE & MIRAMAR AVE	G 4564
POMONA 2013	1,523.132 464.252	RDBM TAG IN S CB 1FT W/O BCR @ SW COR MIRAMAR AVE & BONNIE BRAE AVE	G 4565
BASELINE 2013	964.963 294.121	L&PK IN HDWL @ SE COR BRIDGE OVER THOMPSON CREEK 50.9FT E/O C/L WHITE AVE & 148FT S/O C/L DRWY ENT GATE #5 0.3MI N/O MC KINLEY AVE	G 4656
BASELINE 2013	965.228 294.202	CO ENG BM MON IN C B 46FT E/O C/L WHITE AVE & 2.5FT N/O N END BRIDGE OVER THOMPSON CREEK 69FT S/O C/L GATE #5 MKD (TSJ 120 1960) 0.3MI N/O MC KINLEY AVE	G 4657
BASELINE 2013	1,003.533 305.877	DPW BM TAG IN E CB WHITE AVE 46FT E/O C/L 9.8FT N/O BCR ISLE @ GATE #9 TO CO FAIR GROUNDS 0.4MI S/O ARROW HWY	G 4659
BASELINE 2013	1,067.376 325.337	DPW BM TAG E CB 1FT S/O BCR @ NE COR WHITE AVE & BONITA AVE 39.4FT N/O & 24.6FT E/O C/L INT	G 4660
BASELINE 2013	1,156.090 352.377	DPW BM TAG IN C B 29.5FT E/O BCR @ NE COR FOOTHILL BLVD & TOWNE CTR DR 79FT E/O & 42.7FT N/O C/L INT	G 4661
BASELINE 2013	1,142.483 348.230	DPW BM TAG IN C B 4.9FT E/O BCR @ NE COR FOOTHILL BLVD & FRUIT ST	G 4662
POMONA 2013	1,122.376 342.101	DPW BM TAG IN S CB @ BCR SE COR ARROW HWY & VILLANOVA DR 39.4FT E/O & 32.8FT S/O C/L INT	G 4664
POMONA 2013	1,157.108 352.687	DPW BM TAG IN W CB 1FT N/O BCR @ NW COR ARROW HWY & CLAREMONT BLVD 62.3FT N/O & 42.7FT W/O C/L INT	G 4665
POMONA 2013	1,399.934 426.701	DPW BM TAG IN E CB 26.2FT N/O BCR @ NE COR BASELINE RD & INDIAN HILL RD & 98FT N/O & 39.4FT E/O C/L INT	G 4668

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,274.438 388.449	DPW BM TAG S CB BASELINE RD 36FT S/O C/L & 29.5FT E/O C/L DRWY TO HSE #2884	G 4671
POMONA 2013	1,194.543 364.097	DPW BM TAG IN N CB 28FT E/O BCR @ NE COR BASELINE RD & RODEO LN 85.3FT E/O & 39.4FT N/O C/L INT	G 4672
BASELINE 2013	857.731 261.437	DPW BM TAG IN S CB 3.3FT W/O BCR @ SW COR FIRST ST & PARK AVE 62.3FT W/O & 20FT S/O C/L INT (@ F HYD)	G 4966
BASELINE 2013	859.674 262.029	DPW BM TAG IN E CB NR N END PARKWAY DRAIN 36FT S/O C/L FIRST ST & 24.6FT E/O C/L MAIN ST	G 4967
BASELINE 2013	869.109 264.905	DPW BM TAG IN W CB 8.2FT S/O S END RAMP 36FT S/O C/L FIRST ST & 28FT W/O C/L PALOMARES ST	G 4968
BASELINE 2013	869.366 264.983	DPW BM TAG IN E CB 3.3FT S/O S END RAMP 34.4FT S/O C/L FIRST ST & 28FT E/O C/L PALOMARES ST	G 4969
BASELINE 2013	878.453 267.753	DPW BM TAG IN S CB 3.3FT E/O BCR @ SE COR FIRST ST & SAN ANTONIO AVE 69FT W/O & 19.7FT S/O C/L INT	G 4970
BASELINE 2013	873.517 266.249	BR DISC IN E CB 3.3FT S/O BCR @ SE COR WHITE AVE & CHESTER PL 56FT S/O & 34.4FT E/O C/L INT MKD (YLF 104 1994)	G 4971
BASELINE 2013	905.242 275.918	L&BR IN N CB 42.7FT E/O BCR @ NE COR WHITE AVE & PRECIADO ST 118FT E/O & 25FT N/O C/L INT	G 4972
BASELINE 2013	1,016.102 309.708	DPW BM TAG IN E CB 3.3FT N/O BCR @ NE COR ENT TO BLDG #1510 WHITE AVE 42.7FT E/O C/L & 32.8FT E/O C/L DRWY (@ F HYD)	G 4973
BASELINE 2013	1,159.208 353.327	DPW BM TAG IN E CB 3.3FT N/O BCR @ NE COR FRUIT ST & AMHERST ST 54FT N/O & 42FT E/O C/L INT	G 4974
POMONA 2013	941.050 286.833	L&BR IN E CB 1FT S/O BCR @ SE COR KINGSLEY AVE & INDIAN HILL BL 52.5FT S/O & 34.4FT E/O C/L INT	G 5113
POMONA 2013	1,189.459 362.548	CITY OF UPLAND BM MON IN SW COR C B ON C/L ISLE HUNTINGTON DR 11.5FT N/O C/L & 69FT E/O C/L CLAREMONT BLVD MKD (BM #17G-86)	G 5114
POMONA 2013	1,234.626 376.315	CITY OF UPLAND BM MON IN WK 3.3FT E/O BCR @ NW COR CLAREMONT BLVD & SIXTH ST 65.6FT W & 19.7FT N/O C/L INT MKD (BM #16 G-86)	G 5115
POMONA 2013	1,267.952 386.473	DPW BM TAG IN N CB 1FT W/O BCR @ NW COR CLAREMONT BLVD & NINTH ST 75.5FT W/O & 24.6FT N/O C/L INT	G 5117
POMONA 2013	1,323.424 403.380	L&N IN S CB 1FT E/O BCR @ SE COR CLAREMONT BLVD & FOOTHILL BLVD 75.5FT E/O & 49.2FT S/O C/L INT	G 5118
POMONA 2013	1,488.548 453.710	CAL-TRANS TAG IN S CB BASELINE RD 37.7FT S/O C/L ON C/L PROD CLAREMONT HEIGHTS DR	G 5120

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,471.580 448.538	NGS BRASS DISC IN SW COR C B 13' N/O BCR @ NW COR BASELINE RD & MILLS AVE 90' N & 36' W/O C/L INT MKD (M 1327-1978)	G 5121
POMONA 2013	1,448.834 441.605	L&T S/CURB BASELINE RD, 40' S/O CL @ CL PROD BONNIE BRAE AVE	G 5122
POMONA 2013	1,368.674 417.173	RCE TAG 8292, S/CURB, 40' E/O CL PROD VILLA MARIA & 40' S/O CL BASELINE RD, 8' E/O GUY POLE	G 5123
POMONA 2013	1,605.565 489.377	DPW BM TAG @ SW COR CONC DRWY TO #3300 PADUA AVE THREE VALLEY WATER 72FT E/O C/L & 14.7FT N/O C/L MIRAMAR AVE	G 5126
POMONA 2013	1,644.381 501.208	DPW BM TAG IN E END CONC DRWY TO HSE #3521PADUA AVE 111FT W/O C/L & 26.2FT N/O C/L ALAMOSA DR	G 5127
POMONA 2013	1,717.774 523.579	L&BR IN E CB 3.3FT N/O ANGLE PT @ NE COR PADUA AVE & AMARILLO DR	G 5128
POMONA 2013	1,750.761 533.633	RDBM TAG IN W CB 1FT S/O BCR @ SW COR PADUA AVE & LITTLE ROCK	G 5129
POMONA 2013	1,621.423 494.211	CS BRASS MON IN WELL @ C/L INT POMELLO DR & MILLS AVE MKD (S-27,S34)	G 5130
POMONA 2013	1,578.989 481.277	L&T IN W CB 1FT N/O BCR @ NW COR MILLS AVE & HOLYOKE PL	G 5131
POMONA 2013	1,490.694 454.364	DPW BM TAG IN S CB 3.3FT E/O BCR @ SE COR FORBES AVE & MIRAMIR AVE	G 5132
POMONA 2013	1,102.536 336.054	DPW BM TAG IN S CB ARROW HWY 46FT S/O C/L & 9.5FT E/O C/L PROD DE PAUL RD (CUL-DE-SAC)	G 5133
POMONA 2013	1,056.538 322.033	L&T IN S CB 1FT E/O BCR @ SE COR ARROW HWY & ORANGE GROVE AVE 39.4FT S/O & 59FT E/O C/L INT	G 5134
POMONA 2013	1,031.324 314.348	L&BR IN S CB ARROW HWY (ON ISLE) 39.4FT S/O C/L & 88.6FT W/O C/L LA VERNE AVE	G 5136
POMONA 2013	1,278.333 389.637	L&T IN CB RET 8.2FT E/O BCR @ NW COR TOWNE AVE & RIDGEFIELD DR	G 5137
POMONA 2013	1,253.981 382.214	L&T IN CB RET 2FT E/O BCR @ NW COR TOWNE AVE & HILLSDALE DR	G 5138
POMONA 2013	1,253.156 381.963	L&T IN CB RET 2FT E/O BCR @ SW COR TOWNE AVE & HILLSDALE DR	G 5139
POMONA 2013	1,227.300 374.082	L&PK NAIL IN W CB 1FT S/O BCR @ SW COR TOWNE AVE & BRAIRCROFT RD	G 5140
POMONA 2013	1,196.138 364.584	L&BR IN W CB 0.5FT S/O BCR @ SW COR TOWNE AVE & FOOTHILL BLVD	G 5141
POMONA 2013	1,246.715 379.999	L&BR IN E CB 1FT N/O BCR @ NE COR FOOTHILL BLVD & COLBY CIRCLE DR	G 5142

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,182.170 360.326	L&PK NAIL IN S CB FOOTHILL BLVD 36FT S/O C/L & 18FT W/O C/L PROD LYNOAK DR	G 5143
POMONA 2013	1,175.112 358.175	L&PK NAIL IN S CB FOOTHILL BLVD 36FT S/O C/L & 13FT W/O C/L PROD SUMMER AVE	G 5144
POMONA 2013	1,157.463 352.795	DPW BM TAG S CB 1FT W/O BCR @ SW COR FOOTHILL BLVD & FALCON ST	G 5145
POMONA 2013	1,057.357 322.283	L&PK IN N CB ARROW HWY 42.7FT N/O C/L & NR C/L PROD ORANGE GROVE AVE	G 5281
POMONA 2013	1,071.474 326.586	LACO DPW BM TAG IN S CB 1FT E/O BCR @ SE COR ARROW HWY & TOWNE AVE 42.7FT S/O & 69FT E/O C/L IT	G 5282
POMONA 2013	1,109.216 338.090	LACO BM TAG IN W CB 16.4FT S/O BCR @ SW COR ARROW HWY & INDIAN HILL BLVD	G 5283
POMONA 2013	1,324.669 403.760	LACO BM TAG IN NE CB RET 8.2FT S/O ECR 72FT N/O C/L FOOTHILL BLVD & CLAREMONT BLVD	G 5285
POMONA 2013	1,090.740 332.458	RAMSET IN S CB 0.4' E/O BCR @ SE COR TOWNE CENTER DR& TOWNE AVE	G 5286
POMONA 2013	1,119.000 341.072	LACO BM TAG IN W CB 6.5FT N/O BCR @ NW COR TOWNE AVE & BONITA AVE (S END C. B.)	G 5287
POMONA 2013	1,301.106 396.578	CAL-TRANS TAG IN N CB 0.3FT W/O BCR @ NW COR TOWNE AVE BASELINE RD & 56FT W/O & 34.4FT N/O C/L INT	G 5288
POMONA 2013	1,161.960 354.166	LACO BM TAG S CB @ SW COR OF BRIDGE OVER THOMPSON CREEK 43FT S/O C/L FOOTHILL BLVD & 36FT E/O C/L PROD WILLIAMS AVE	G 5289
POMONA 2013	1,167.173 355.755	L&PK NAIL IN E CB 1FT S/O BCR @ SE COR FOOTHILL BLVD & GAREY AVE	G 5290
POMONA 2013	1,290.722 393.413	L&T IN S CB 19.7FT W/O E END STEPS @ ENT TO HARVEY MUDD COLL 46FT S/O C/L FOOTHILL BLVD & 0.2MI E/O C/L COLLEGE AVE	G 5291
POMONA 2013	1,440.697 439.125	LACO BM TAG IN E CB MILLS AVE 34FT E/O C/L & 16.4FT N/O C/L RADCLIFF DR (@HSE #1924)	G 5292
POMONA 2013	1,224.430 373.207	LACO BM TAG IN W CB 1FT N/O BCR @ NW COR BASELINE RD & SAINT MARK ST 69FT N/O & 14.8FT W/O C/L INT	G 5293
POMONA 2013	1,316.809 401.364	LACO BM TAG IN S CB BASELINE RD 36FT S/O C/L & 0.2MI W/O NEW LIVE OAK CYN RD @ PP #4461261E	G 5295
POMONA 2013	1,348.759 411.103	LACO BM TAG IN S CB 1FT W/O BCR @ SW COR BASELINE RD & NEW LIVE OAK CYN RD 52.5FT W/O & 36FT S/O C/L INT	G 5296
POMONA 2013	1,348.948 411.160	LACO BM TAG IN S CB 1FT E/O BCR @ SE COR BASELINE RD & NEW LIVE OAK CYN RD 52.5FT E/O & 36FT S/O C/L INT	G 5297
POMONA 2013	1,304.161 397.509	LACO BM TAG IN S CB BASELINE RD 36FT S/O C/L & 3.3FT E/O C/L PROD WEBB CYN RD	G 5298

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,328.763 405.008	LACO BM TAG IN S CB BASELINE RD 41FT S/O C/L & 49FT E/O C/L W DRWY TO EDISON STATION (OPP HSE #923)	G 5299
POMONA 2013	1,349.502 411.329	LACO BM TAG IN N CB 1FT W/O BCR @ NW COR BASELINE RD& MOUNTAIN AVE 44.3FT W/O & 41FT N/O C/L INT	G 5300
POMONA 2013	1,349.503 411.329	CAL-TRANS DISK IN S CB 5FT W/O BCR @ SE COR BASELINE RD& MOUNTAIN AVE 69FT S/O & 28FT E/O C/L INT	G 5301
POMONA 2013	1,518.443 462.822	LACO BM TAG IN S CB 1FT W/O BCR @ SW COR BASELINE RD& MONTE VISTA AVE	G 5302
POMONA 2013	1,518.342 462.792	LACO BM TAG IN N CB 1FT W/O BCR @ NW COR BASELINE RD & PADUA AVE	G 5303
POMONA 2013	1,785.331 544.170	L&BRAD IN SW COR CONC V-GUTTER @ SE COR PADUA AVE & FULLER DR 21.3FT E/O & 17.4FT S/O C/L INT	G 5304
POMONA 2013	1,786.171 544.426	L&BRAD IN NW COR CONC V-GUTTER @ NE COR PADUA AVE & FULLER DR 21.3FT E/O & 17.4FT N/O C/L INT	G 5305
POMONA 2013	1,740.848 530.612	LACO BM TAG IN SE COR CONC DRWY APRON TO HSE #4111 MT BALDY RD 17FT W/O C/L & 0.25MI N/O VIA PADOVA	G 5306
BASELINE 2013	877.267 267.392	L&T W CB 1FT S/O BCR @ SW COR 1ST ST & SAN ANTONIO AV 32.8FT W/O & 15M(49.2FT) S/O C/L INT	G 5442
BASELINE 2013	882.332 268.935	L & DPW BM TAG S CB 1ST ST 219.8FT W/O C/L RESERVOIR ST & 23FT S/O C/L 1ST ST	G 5443
BASELINE 2013	883.520 269.297	L & DPW BM TAG N CB 1ST ST 219.8FT W/O C/L RESERVOIR ST & 23FT N/O C/L 1ST ST	G 5444
POMONA 2013	1,405.295 428.335	L&RCE7344 TAG IN E CB 5FT S/O BCR @ SE COR BLACK HILLS DR & MILLS AV 30FT E/O & 50FT S/O C/L INT	G 5445
POMONA 2013	1,803.177 549.609	L & LACO BM TAG IN CONC @ SW COR MT BALDY RD & PADUA AV 40FT W/O & 36FT S/O C/L INT	G 5454
POMONA 2013	1,558.283 474.966	L & LACO BM TAG IN W CB 42FT W/O C/L PADUA AV & 25FT S/O KEMPER AV	G 5455
POMONA 2013	1,805.974 550.462	L&T ON CONC GUTTER, 48' NW/O CL INT MT. BALDY RD & PADUA AVE, 3' E/O TRAFFIC SIGNAL	G 5600
POMONA 2013	1,646.001 501.702	L&BRAD NE COR OF CONC GUTTER, 40' NE/O CL INT MT. BALDY RD & MILLS AVE	G 5601
POMONA 2013	1,462.744 445.845	MAG NAIL & MWD W. STMP'D 4045-100107A @ BW, 30' E/O CL INT INDIAN HILL & 220' S/O CL INT ARMSTRONG DR	G 5602
POMONA 2013	1,309.542 399.149	SAN BERNARDINO CO. SURVEYOR BM DISK STMP'D 700.44, NE COR FOOTHILL BLVD & MILLS AVE @BCR	G 5603
POMONA 2013	1,226.669 373.889	L&CAL-TRANS TAG, NE COR BASELINE RD & SAINT MARK AVE, N/CURB 6' E/O BCR	G 5604

QUAD YEAR	ELEV (FOOT/METER)	DESCRIPTION	BM NUMBER
POMONA 2013	1,179.585 359.538	L&BRAD, SE COR FRUIT ST & BASELINE RD, S/CURB 2' E/O BCR	G 5605
POMONA 2013	1,233.682 376.027	L&BRAD, SW COR CLAREMONT BL & 6TH ST, 1' S/O ECR	G 5606
POMONA 2013	1,093.666 333.350	LS TAG 5411, SW COR MOUNTAIN AVE & ARROW HWY, 15' W/O BCR, S/CURB	G 5607
POMONA 2013	1,141.533 347.940	LS TAG 5411, NE COR ARROW HWY & ELDER DR, 10' E/O BCR, N/CURB	G 5608
POMONA 2013	1,198.919 365.431	L&T SE COR FOOTHILL BLVD & TOWNE AVE, 4' E/O BCR	G 5609
POMONA 2013	914.303 278.680	L&BRAD, SE COR HOLT AVE & EAST END AVE, 8.5' S/O BCR, E/CURB	G 5610
POMONA 2013	1,042.442 317.737	L&BRAD, NW COR ARROW HWY & GAREY AVE, 0.4' S/O BCR, W/CURB	G 5611
BASELINE 2013	935.944 285.276	L&BRAD, SE COR WHITE AVE & MC KINLEY AVE, 5' S/O BCR, E/CURB	G 5612
BASELINE 2013	900.929 274.604	L&BRAD, S/CURB, 70' W/O & 20' S/O CL INT EAST END AVE & FIRST ST 2' N/O SLC	G 5613
BASELINE 2013	900.174 274.374	L&BRAD, S/CURB, 65' E/O & 20' S/O CL INT EAST END AVE & FIRST ST 2' N/O SLC	G 5614