

CITY BENCHMARKS

January 15, 2003

BENCHMARK	LOCATION	ELEVATION
V-1	MISSING	
V-2	MISSING	
V-3	N/W cor Village Dr & Clovis St. (NOT FOUND)	
V-4R	North side of Village Dr @ Amargosa Rd in top of curb in line with easterly pole line	2855.95
V-5R	Near BCR @ N/W cor Tawney Ridge Ln & Amargosa Rd	2882.08
V-6R	N/W cor Mojave Dr & Amargosa Rd @ BCR	2926.81
V-7	MISSING	
V-8R	N/W cor Seneca Rd & Amargosa Rd @ BCR	2958.15
V-9	N/E cor Amargosa Rd & Palmdale Rd @ BCR back of sidewalk	2982.323
V-10	N/E cor Mariposa Rd & Yates Rd, 29.5' N/o _ Yates Rd & 25.7' W/o telephone pedestal	2986.10
V-11R	N/W cor Bear Valley Rd & Amethyst Rd @ BCR	3227.52
V-12R	N/W cor Bear Valley Rd & Amargosa Rd @ BCR	3178.86
V-13	MISSING	
V-14	MISSING	
V-15	MISSING	
V-16R	N/W cor Bear Valley Rd & Apatite Ave @ BCR	3001.11
V-17	S/W cor Ridgecrest Rd & Bear Valley Rd in line with West curb Ridgecrest, 3.4' South of Bear Valley curb	2975.138
V-18	S/E cor Puesta Del Sol Dr & Village Dr @ BCR back of curb face	2864.044
V-19	S/W cor Tawney Ridge Ln & Condor Rd, 1 ft. from base of stone wall @ angle point of wall	2915.183
V-20	S/E cor Mojave Dr & Condor Rd back of sidewalk @ N end drive approach	2901.401
V-21	Hook Rd & Condor Rd, N/W cor 1 ft behind FCC @ 1/2 Delta	2933.592
V-22	East side of Civic Dr in line with N. curb line W. Sage St at back of sidewalk	2953.624
V-23 DESTROYED	N/E cor Seventh St & Green Tree Blvd at BCR back of sidewalk Destroyed 9/2000 during Intersection Realignment Project	2951.240
V-24	MISSING	
V-25	MISSING	

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BENCHMARK	LOCATION	ELEVATION
V-26	N/E cor La Paz Dr & Forrest Ave @ Easterly rear handicap ramp	2901.108
V-27	N/E cor La Paz Dr & Mojave Dr @ front of sidewalk	2918.191
V-28	MISSING	
V-29	N/E cor 7th St & La Paz Dr, back of sidewalk @ BCR	2939.174
V-30	S/W cor Lorene Dr & 7th St @ BCR, buried in grass 5 ft back FM CF	2945.692
V-31	Seneca Rd & West side of La Paz Dr @ back of sidewalk	2945.152
V-32	Pebble Beach Dr @ the prolongation of the Wly curbline of La Paz Dr 7 ft back FM CF	2919.393
V-33	N/W cor Arrowhead Dr & Yates Rd @ ECR 8.2' back FM CF	2952.107
V-34	MISSING	
V-35	S/W cor Forrest Ave & Fresno St @ ECR back of curb face	2876.458
V-36	S South Mojave Dr, & 6th St, 3 ft E/o Curb @ back of sidewalk & 9'9" back FM CF	2852.215
V-37	S/E cor Victor St & 7th St, back of sidewalk @ N end of drive approach	2904.102
V-38	S/E cor Victor St & Rodeo Dr in dirt @ BCR 7.1 ft back FM CF	2848.040
V-39R	S/W cor Seneca Rd & Hesperia Rd in base of traffic signal pole @ ECR	2852.60
V-40	S/W cor Pebble Beach Dr & Rodeo Dr 6.4' back FM Rodeo Dr CF	2928.632
V-41	N/W cor Green Tree Blvd & Rodeo Dr. 8.3 ft w/o lightpole & 4.5 ft back FM CF	2949.336
V-42	Cor Third St, Fourth St & Forrest Ave @ Base of chainlink fence behind fire hydrant	2797.346
V-43	Forrest Ave & Hesperia Rd 1 ft behind sidewalk E side Hesperia Rd in line W/S curb Forest	2753.925
V-44	Verde St & Hesperia Rd, back of sidewalk E side 11th St @ Centerline Verde St	2880.115
V-45	S/W cor Woodland Dr & Seneca Rd back of handicap ramp @ BCR	2919.123
V-46R	S/W cor Hesperia Rd & Batson Rd @ BCR	2899.75
V-47	MISSING	
V-48R	S/W cor Hesperia Rd & Green Tree Blvd @ BCR	2886.22

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V-49	N/E cor Rodeo Dr & Seneca Rd @ BCR	2872.551
V-51	S/E cor La Mesa Rd & Amethyst Rd back of handicap ramp in middle of sidewalk	3161.91
V-51R	S/W ECR on Amethyst @ La Mesa Rd. 36' SW of ECR	3162.88
V-52	S/E cor La Mesa Rd & Pacoima Rd @ ECR	3130.574
V-53	S/W cor Amargosa Rd & King Ranch Rd @ ECR	3093.63
V-54	S/E cor Nisqualli Rd & Third Ave @ BCR	2985.74
V-100	Set in top of Curb @ 15381 Juniper Ave x Chaparral St	2912.25
V-101	N/W cor Warwick St & Westwood Dr, approx 1/4 delta, 1.3' back FM CF	2963.606
V-102	N/W cor Arrowhead Dr & Petite St @ Approx 3/4 delta, 1.7' back FM CF	2954.932
V-103	N/E cor Bear Valley Rd & Topaz Rd @ BCR	3273.73
V-104	N/E cor Seventh Ave & Bear Valley Rd @ BCR	3062.61
V-105	S/E cor Silica Dr & Seventh Ave @ BCR	3029.63
V-106	N/E cor Nuevo Rd & Fifth Ave @ ECR	3037.256
V-107	N/W cor Cobalt Rd & Northstar Ave @ ECR	3217.266
V-108	S/E cor Northstar Ave & Pacoima Rd @ ECR	3162.418
V-109	S/E cor Eagle Ranch Pkwy & Red Rock Rd @ BCR	3260.438
V-110	N/W cor Bear Valley Rd & Eagle Ranch Pkwy @ BCR	3303.21
V-111	N/W cor Topaz Rd & La Mesa Rd @ BCR	3211.14
V-112	N/W cor Venus St & Dante St @ ECR, Set in top of curb	2793.07
V-113	N/W cor Nisqualli Rd & Balsam Rd @ BCR	3048.74
V-114	S/W cor La Mesa Rd & Cobalt Rd @ BCR	3191.30
V-115	S/E cor El Evado Rd & La Mesa Rd @ ECR	3107.624
V-116	N/W cor La Mesa Rd & Pacoima Rd, behind sidewalk	3130.99
V-117	N/W cor Amargosa Rd & Hook Rd, 2 ft w/o West edge of drop inlet	2934.802
V-118	N/W cor Luna Rd & Amethyst Rd, 2 ft North of BCR & 1 Ft East of Street light	3134.273
V-119	1.5' E/O East End of SE Curb Return @ Northstar & Amethyst	3189.73
V-121	S/E cor Red Rock Rd & Parkwood PI @ BCR	3248.347
V-122	S/W cor Amethyst Rd & Dos Palmas Rd, TC @ ECR	3101.128

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V-200	Top of curb, 1 ft EP NE BCR Hesperia Rd & Bear Valley Rd	3019.70
V-201	North TC 1 ft. E/o NE BCR @ 2nd Ave & Bear Valley Rd	3038.26
V-202	TC 1 ft E/o NE BCR 11th Ave @ Bear Valley Rd	3090.84
V-203	North TC 1 ft E/o NE BCR Balsam Rd & Bear Valley Rd	3108.18
V-204	North TC 1 ft E/o NE BCR Cottonwood Ave & Bear Valley Rd	3129.72
V-205	East TC Mariposa, 30 FT ± S/o SE BCR Mariposa Rd & Cottonwood Ave	3107.66
V-206	East TC Mariposa Rd @ NE ECR, Mariposa Rd & Nisqualli Rd	3066.84
V-207	East TC 45 FT ± N/o End curb @ S end Red Roof Inn on Mariposa Road	3024.89
V-208	SE BCR Hesperia Rd & Silica Dr	2970.06
V-209	SW ECR Hesperia Rd & Nisqualli Rd	2949.94
V-210	North TC 20' E/O N.E. BCR on Bear Valley Road & Pacoima	3188.30
V-211	TC @ NE BCR Bear Valley Road & Highway 395	3319.31
V-212	La Mesa & Highway 395 146' E/O East EP Hwy 395 & 87' SE of Fire Hydrant	3248.52
V-213	Mojave Dr. @ El Evado Rd., TC 2' West of SW BCR	2937.86
V-214	Mojave Dr. @ Amethyst Rd. @ South TC 2' W/o SW BCR	2967.28
V-215	Mojave Dr. @ Topaz Rd., TC of center island nose, 48' E/o _ Int.	2998.27
V-216	Mojave Dr. @ Hwy 395, TC @ West end of Center Island approx. 350' E/o Hwy 395	3031.00
V-217	Palmdale Rd. @ Hwy 395, N/E corner @ BCR	3127.48
V-218	Bear Valley Rd & Colbalt @ _ Int., 2" IP w/CSM Brass Cap	3251.12
V-219	Mojave Dr. & West Trail _ Int. brass disk, RCE 9553	2953.24
V-220	Palmdale Rd. & Cobalt Rd., TC @ SW BCR	3090.38
V-221	Palmdale Rd. & El Evado Rd., TC @ SW BCR	3025.22
V-222	NE Base of Tower 7/4, on South top of slope of Oro Grande Wash, about 250'± E/o Cobalt Rd.	3319.16
V-223	In TC 5' E/o NE BCR Mesa Linda & Eucalyptus	3376.91
V-224	Caltrans B/C stamped WC 37.81 1/4 1996 37.81 West of 2" IP LS 3918 @ Hwy 395 & Sycamore St.	3366.71
V-225	1" IP RCE 22502 @ East R/W Cobalt Rd. & LADWP 100'± N/o Tulore Ct.	3299.89

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V-226	Top of SW anchor bolt of Traffic Light @ NE cor. Air Base Rd. & El Evado Rd.	2773.26
V-227	Top of SW anchor bolt of Traffic Light @ SE cor. Village Dr. & Air Base Rd.	2773.61
V-228	1 ½" IP w/CSM (N ¼ cor Sec. 6 T5N, R4W) 40' N/o Rancho Rd. 110' w/o Village Dr., Down 0.6	2845.94
V-229	2' brass cap in TC 2' E/o curb inlet @ SE cor Village Dr. & Clovis St.	2852.89
V-230	1" IP stamped ¼, S25/S36 T6N, R5W, SB County 1963; 100' N/o Air Base Rd., 300' E/o Turner Rd.	2877.57
V-231	2" IP with "City Vic" tag @ cl Int. Mustang St. & Yucca St.	2884.52
V-232	2" IP with "City Vic" tag @ cl Mustang St., & Phantom St.	2883.94
V-233	2" IP with "City Vic" tag @ cl EC Phantom St.	2875.39
V-234	2" IP with "City Vic" tag @ cl Int. George Blvd. & Phantom St.	2870.18
V-235	Set chiseled "X" in Westerly anchor bolt of Airfield Light Pole in front of fire station	2869.50
V-236	Set chiseled "X" in Westerly anchor bolt of airfield light pole. Most Northerly pole	2863.18
V-237	2" IP @ cl E/c Phantom St. between Eucalyptus St. & Starfighter St.	2865.55
V-238	2" IP with "City Vic" tag @ Southerly extension of Power Plant Road	2867.25
V-239	Concrete monument W/bc CA Div Hwy adobe 1972 145' N/o Hwy 18 & 2127' W/o Hwy 395	3139.74
V-240	Well mon. W/div. Hwy B/C E1/4 S. 20 9196 @ Bellflower St. & Hwy 18 cl Int.	3150.31
V-241	Concrete mon. w/div Hwy B/C 1972 "Azimuth Adobe" 91.5' N/E of well monument	3151.24
V-242	Set 4" spike & City Engineer washer in N. face of PP#4304549E 67' W & 54' S. of well monument @ Verbena St. & Hwy 18.	3165.76
V-243	Caltrans 1" IP w/alum cap "RP-2" 63' S & 63' E. of well monument @ Hacienda Rd. & Hwy 18	3189.50
V-244	Set 2" B.C. in West TC @ NW BCR La Paz Dr. & La Paz Ct.	2932.02
V-245	FD. 1" IP LS 3009 @ C ¼ Sec 10, T6N, R5W, (up 0.2)	2803.28
V-245 ALT.	FD 1" IP LS5280 @ West, S.W. Quad of C ¼ Sec 10 T6N, R5W (up 0.1)	2803.09
V-246	FD. 2" IP with Brass Cap, LS 3980, "1998" @ N ¼, Sec.10 T6N, R5W, "Colusa Road" (flush)	2790.39
V-247	FD 2" IP with Brass Cap, LS 3980, 1998 @ N.E. cor Sec.10, T6N, R5W "Colusa Road" (flush)	2789.26
V-248	FD ¾" IP with S.B. County Surveyors tag @ 42.35' RP, S.W. of E ¼ Sec. 3, T6N, R5W	2781.44
V-249	FD 1"IP with S.B. County Surveyors tag @ 42.69' RP, S.E. of N.E. cor. Sec.3, T6N, R5W, (up 0.2)	2765.11
V-250	FD 2" IP with S.B. County Surveyors Brass Cap "1958", @ N ¼, Sec 2, T6N, R5W (up 0.2')	2774.44
V-250 ALT	FD ¾" IP with County Surveyors tag @ 56.6 RP, N.E. of N ¼ Sec 2, T6N, R5W, (up 0.02')	2775.27
V-251	FD ¾" IP RE 6820 @ C ¼ Sec. 2, T6N, R5W	2784.47
V-252	FD 2" IP with Brass Cap, LS 3980, "1998" @ S ¼ Sec 2, T6N, R5W (dn 0.1')	2795.46
V-253	FD 2" IP with Brass Cap, LS 3980, "1980" @ C ¼ Sec 11, T6N, R5W, (flush)	2808.80
V-254	FD 2' IP with Brass Cap, LS 4311, "1983" @ S ¼, Sec 11, T6N, R5W, (up 0.3')	2818.18

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V-255	FD ¾" IP with S.B. County Surveyors tag @ 42' RP S.W. of E ¼ of Sec 10, T6N, R5W, (up 0.3')	2805.77
V-256	FD 1" IP with S.B. County Surveyors tag @ NE RP to N ¼ of Sec 3, T6N, R5W, (up 0.2')	2756.28
V-256 ALT	FD 1" IP with County Surveyor tag, 54.13' RP SW N ¼ Sec. 3, T6N, R5W (up 0.2)	2754.79
V-257	FD 12" conc. mon. with 1 ½" cap, San Bernardino County CP #65-12, "1966" (0.4 mile E/o BMV-250) Sec 2, T6N, R5W.	2790.28
V-258	Set chiseled X in North concrete footing of LADWP Tower 400' South of Air Base Rd. and 400' East of Gas Line Rd.	3737.49
V-259	FD 1 ½" IP with concrete and tack center 78' South of Air Base Rd. and 1500' West of National Trails Hwy on top of highest hill in the area.	2843.43
3-A-59	"D" St.; chiseled "X" S/W cor of culvert headwall built in 1924 across FM entrance to Red & White trlr park	2704.04

OTHER AGENCIES BENCHMARKS

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G-102	4" Brass cap stamped "Corp of Eng. BM-GAFB102 1962", @ NE cor. of apron at Bldg. 676, 1' from edge of ACC/PCC.	2882.90
G-103	4" Brass cap stamped "Corp of Eng. BM-GAFB103 1962", @ SE cor. of apron at Bldg. 683, 1' from edge of AC/PCC.	2880.85
G-105	4" Brass cap stamped "Corp of Eng. 1962 #105", @ East edge of concrete apron opposite Bldg. 718.	2871.71
G-106	4" Brass cap stamped "Corp of Eng. 1962 #106", @ East edge of concrete apron opposite Bldg. 719.	2867.17
G-107	4" Brass cap stamped "Corp of Eng. 1962 #107", @ East edge of concrete apron opposite Bldg. 720.	2863.58
G-108	4" Brass cap in TC on Starfighter St. & Phantom Rd.	2864.17
Q-2R	N/E cor "D" St. & 6 th St. @ BCR, 3' behind cf	2714.34
230-12	4" BC in East TC Phantom Rd., 125' North of Mustang St., in East TC @ BCR Sabre St.	2883.33
230-14	4" BC TC @ MOC SE BCR Mojave St. & Phantom Rd.	2874.55
230-15	4" BC in West TC island George Blvd. & Phantom Rd.	2870.44
S-41R	At Southdown Cement Co. in the median strip across from the main office bldg. 54.4' across the driveway fm the South cor. Of the Bldg. 4.8' SE of large cottonwood tree, 5.9' SW of the SW curb of the driveway approx. 0.5' above the curb & level w/lawn & set in concrete	2695.526
U-306	Concrete monument w/BC stamped U.S. Coast & Geodetic 1936. 54' W & 32' S of well monument @ cl Int. of Baldy Mesa Rd. & Hwy 18.	3201.19
Y-747	8" x 8" concrete monument w/4" iron cap stamped "USC&GS BM Y-747, 1945" @ 41' S/o AirExpressway and 93' W/o Nevada Ave extension	2905.312
Z-747	Concrete post w/iron disk stamped 1945. Lies 44' N. on Shay Rd. FM cl PI of Turner Rd. & Shay Rd. & 85' Easterly & parallel to Turner Rd. adjusted 1961 El. Fm BM Loop #12	2714.98
H-752	(USC&GS 1945) iron disk in concrete monument approx. 1.0' below NG, 23' E/o pp#1784078E 12' S of South EP 0.8' W/o Int. turner Rd. & National Trails Hwy.	2654.499
L-752	Iron Disk @ S.W. Base of water tank @ SCLA	2888.07
Q-752	4" Brass cap in Concrete monument stamped "LA DIST Q-752", also the West cor. of Sec 26, T6N, R5W (dn. 0.7')	2882.40
R-752	Iron cap in well monument @ Cory Blvd. & Nevada St. ----- Top of cover of BM-752 -----	2889.05 2890.21
B-1407	(1987) National Geodetic Survey Monument, 5/8" rod in well cover, 30' w/o West r/r track opposite Owl Concrete Plant, 6,000' N/o Hwy 15 along National Trails Hwy	2681.60