

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
0	0	1253.32	(City Hall)			A 2" brass disc set in the SW corner of a 3' x 3' concrete base for light standard 104' E/O CL Euclid Av and 185' s/o CL Arrow Hwy					0	
10A-86	17	1573.069	Euclid Av	NEC	18th St	Set city FO Upland brass disc in PCC 1' w/o traffic signal, 80' e/o CL Euclid and 43' n/o CL 18th St	04/01/1987				50	
10B-86	33	1524.925	CCFCC	S/O	19th St	2" City of Upland brass disc in top of W wall of Cucamonga Creek Flood Control Channel, approx. 0.3 mile s/o 19th St	04/01/1987				97	
10C-86	39	1354.028	Foothill Bl	W/O	Benson Av	2" City of Upland brass disc in first PCC step of donut shop at 1801 W Foothill Bl, 85' n/o CL Foothill Bl and 0.25 mi. w/o Benson Av	04/01/1987				116	
10D-86	45	1465.447	Campus Av	NEC	16th St	2" City of Upland brass disc set in SE corner of PCC catch basin, 57' n/o CL 16th St and 40' e/o CL Campus Av	07/01/1987				135	
10E-86	51	1519.66	San Antonio Av	N/O	16th St	2" City of Upland brass disc set in NE corner of PCC catch basin, 38' e/o CL San Antonio Av and 82' n/o CL 16th St	07/01/1987				153	
10F-86	58	1445.38	14th St	NWC	Mountain Av	LD and tack in N end of NW curb return 46' n/o CL 14th St and 47' w/o CL Mountain Av	07/01/1987	284	1442.94	2.44	172	(old BM shows adjustments)
10G-86	67	1266.446	Silverwood Av	S/O	Arrow Hw	2" City of Upland brass disc set in N side of PCC base for telephone equipment box, 22' e/o CL Silverwood Av and 171' s/o CL Arrow Hw	07/01/1987				201	
11A-86	17	1700.583	Euclid Av	SEC	21st St	2" City of Upland brass disc in PCC base for street light #1998543E, 110' e/o CL Euclid and 21' s/o CL 21st St	04/01/1987				51	
11B-86	33	1599.305	19th St	W/O	Sapphire Av	2" City of Upland brass disc in NW corner of bridge over Cucamonga Creek Flood Control Channel, 25' n/o CL 19th St and 500' w/o CL Sapphire Av	04/01/1987				98	
11C-86	39	1340.272	Foothill Bl	E/O	Padua Av	2" City of Upland brass disc in top of E end of PCC headwall in bridge # 54-40 for San Antonio wash, 40' n/o CL Foothill Bl and 0.2 mi. e/o CL Padua Av	04/01/1987				117	
11D-86	46	1511.237	Campus Av	SEC	17th St	2" City of Upland brass disc set in PCC sidewalk drain structure, 39' s/o CL 17th St and 33' e/o CL Campus Av	07/01/1987				136	
11E-86	52	1562.072	17th St	E/O	San Antonio Av	2" City of Upland brass disc set in PCC base for street light #2121092E, 22' s/o CL 17th St and 140' e/o CL San Antonio Av	07/01/1987				154	
11F-86	58	1494.322	Mountain Av	N/O	15th St	2" City of Upland brass disc set in NE corner of PCC catch basin, 66' n/o CL 15th St and 41' e/o CL Mountain Av	07/01/1987				173	
11G-86	68	1271.507	Arrow Hw	NWC	Fairwood Wy	LD and tack in T.C. 1' n/o N end of NW curb return, 18' w/o CL Fairwood Wy and 50' n/o CL Arrow Hw	07/01/1987	288	1269.04	2.467	202	
1219-86	14	1154.801	Eleventh Av	SEC	7th St	FD drive, nail and washer in T.C. 1' s/o S end of SE curb return, 45' s/o CL 7th St and 18' e/o CL 11th Av	04/01/1987				40	
1220-86	2	1158.068	7th St	NWC	Berlin Av	FD City of Ontario Dr. Nail and washer in T.C. 18 ft north CL 7th St and 44 ft west CL Berlyn Ave (BM 1220 City of Ontario)	04/01/1987				4	

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			Street	ref	Cross- Street							
12A-86	18	1751.851	Euclid Av	SWC	22nd St	2" City of Upland brass disc in back of PCC catch basin 24' s/o CL 22nd St and 154' w/o CL Euclid Av	04/01/1987				52	
12B-86	33	1655.706	CCFCC	N/O	19th St	2" City of Upland brass disc in SW corner of PCC outlet structure, 10' w/o W wall of Cucamonga Creek Flood Control Channel and 0.25 mile n/o 19th St	04/01/1987				99	
12C-86	40	1332.483	Foothill Bl	W/O	Padua Av	2" City of Upland brass disc in top of E end of PCC headwall in bridge # 54-38 for San Antonio overflow, 40' n/o CL Foothill Bl and 183' w/o CL Padua Av	04/01/1987				118	
12D-86	46	1550.313	18th St	NWC	Winston Av	2" City of Upland brass disc set in NE corner of PCC catch basin, 24' n/o CL 18th St and 16' w/o CL Winston Av	07/01/1987				137	
12E-86	52	1611.038	San Antonio Av	S/O	18th St	L and PK nail in T.C. 32' w/o CL San Antonio Av and 52' s/o CL 18th St, 7' s/o S end of SW curb return	07/01/1987	55A	1608.471	2.567	155	
12F-86	58	1493.32	Mountain Av	NWC	15th St	LD and tack 1' N of N end of NW curb return 46' n/o CL 15th St and 36' w/o CL Mountain Av	07/01/1987				174	
12G-86	68	1266.176	Arrow Hw	NEC	Loma Pl	2" City of Upland brass disc set in NW corner of PCC catch basin, 37' e/o CL Loma Pl and 36' n/o CL Arrow Hw	07/01/1987				203	
133A-86	29	1943.175	San Antonio Av	AT	24th St	FD L and T in chiseled square on W curb of San Antonio Av on CL projection of 24th St	04/01/1987	133A	1950.764	-7.589	86	Weird elevation discrepancy here
139-86	13	1173.528	Van Ness Ave	NEC	7th St	FD L & T in T.C. 18.5' e/o CL Van Ness Av and 44' n/o CL 7th St 1' n/o N end of NE curb return	04/01/1987	139	1171.22	2.308	38	
13A-86	18	1917.011	Vista Dr	SWC	24th St	2" City of Upland brass disc in PCC base for light standard #2269492E, 138' w/o CL Vista Dr and 21' s/o CL 24th St, 1' s/o curb face	04/01/1987				53	
13B-86	34	1701.094	CCFCC	N/O	19th St	2" City of Upland brass disc in top of W wall of Cucamonga Creek Flood Control Channel, at the apparent B.C. 0.5 miles n/o 19th St	04/01/1987				100	
13C-86	40	1398.818	Padua Av	N/O	Foothill Bl	2" City of Upland brass disc in n/w corner of PCC catch basin 1885' n/o CL Foothill Blvd 23' e/o CL Padua Av	04/01/1987				119	
13D-86	46	1625.142	Campus Av	N/O	19th St	FD 2" SBd Co surv. brass disc in PCC base for S.C.E. tower leg, 342' n/o CL 19th St and 78' w/o CL Campus Av	07/01/1987				138	(aka SBd Co. surv. BM 8-37)
13E-86	52	1618.496	San Antonio Av	N/O	18th St	2" City of Upland brass disc set in PCC base for street light #2108047E, 137' n/o CL 18th St and 33' e/o CL San Antonio Av	07/01/1987				156	
13F-86	59	1545.5	16th St	E/O	Mountain Av	LD and PK nail in T.C. 32' n/o CL 16th St and 83' e/o CL Mountain Av	07/01/1987	354	1543.07	2.43	175	
13G-86	68	1260.744	Arrow Hw	NWC	Central Av	2" City of Upland brass disc set in SW corner of PCC catch basin, ?' w/o CL Central Av and ?' n/o CL Arrow Hw	07/01/1987				204	Info missing from description
14A-86	18	1914.932	San Antonio Av	S/O	24th St	2" City of Upland brass disc in PCC base for light standard 33' e/o CL San Antonio and 292' s/o CL 24th St	04/01/1987				54	

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			Street	ref	Cross- Street							
14B-86	34	1806.672	CCFCC	N/O	22nd St	2" City of Upland brass disc in top of W wall of Cucamonga Creek Flood Control Channel, ~8 ft n/o CL small PCC bridge over channel and ~200' n/o CL prod. of 22nd St	04/01/1987				101	
14C-86	40	1467.226	Shenandoah Dr	W/O	Padua Av	2" City of Upland brass disc in T.C., 73' w/o CL Padua Av and ~31' s/o CL Shenandoah Dr	04/01/1987				120	
14D-86	47	1665.518	20th St	W/O	Campus Av	2" City of Upland brass disc set in PCC base for S.C.E. tower leg, 396' e/o CL Winston Av and 87' n/o CL 20th St	07/01/1987				139	
14E-86	53	1660.939	19th St	W/O	San Antonio Av	FD drive nail and C.S. tag set in T.C. at W end of PCC catch basin, 20' n/o CL 19th St and 74' w/o CL San Antonio	07/01/1987				157	(aka SBd Co surv. BM 8-38)
14F-86	59	1547.396	Mountain Av	N/O	16th St	2" City of Upland brass disc set in NE corner of PCC catch basin, 87' n/o CL 16th St and 43' e/o CL Mountain Av	07/01/1987				176	
14G-86	69A	1256.198	Arrow Hw	W/O	Central Av	2" City of Upland brass disc in NW PCC headwall for wash bridge, 28' n/o CL Arrow Hw, 1653' w/o Central Av, and 180' e/o CL driveway to the S into landfill pit	07/01/1987				205	Info missing from description
15A-86	19	1899.742	Coolcrest Av	SEC	23rd St	2" City of Upland brass disc in PCC base for light standard #2120551E 43' e/o CL Coolcrest and 21' s/o CL 23rd St	04/01/1987				55	
15B-86	34	1912.286	Cucamonga Creek	N/O	23rd St	2" City of Upland brass disc in top of W wall of PCC spillway for dam on Cucamonga Creek, 1' s/o CL A.C. access rd from the west and ~300' n/o CL prod of 23rd St	04/01/1987				102	
15C-86	41	1516.162	Baseline Rd (16th St)	CTR	Padua Av	FD LaCo survey disc in hand hole at center of the intersection of 16th St and Padua Av; stamped: "La Verne M10 1939 RE 2177"	04/01/1987				121	
15D-86	47	1706.663	21st St	W/O	Campus Av	2" City of Upland brass disc set in PCC base for S.C.E. tower leg, 386' s/o CL 21st St, along S.C.E. power line	07/01/1987				140	
15E-86	53	1680.4	San Antonio Av	N/O	19th St	2" City of Upland brass disc set in PCC base for street light #1998501E, 538' n/o CL 19th St and 33' e/o CL San Antonio Av	07/01/1987				158	
15F-86	59	1595.334	17th St	E/O	Mountain Av	2" City of Upland brass disc set in PCC base for traffic signal box, 25' s/o CL 17th St and 71' e/o CL Mountain Av	07/01/1987				177	
15G-86	69	1246.41	Arrow Hw	W/O	Monte Vista Av	2" City of Upland brass disc set in 8" diameter PCC post, 33' n/o CL Arrow, 52' w/o CL Monte Vista Av (unimproved), and 3' n/o PP#11440335E	07/01/1987				206	
165-86	8	1164.748	7th St	SWC	Sultana Av	FD L & T in T.C. 45' s/o CL 7th St and 18.5' w/o CL Sultana Av 0.5 s/o S end SW curb return	04/01/1987	165	1162.44	2.308	23	
168-86	12	1159.288	Campus Av	SEC	7th St	FD springhead nail and lead in T.C. in middle of SE curb return 20' e/o CL Campus Av and 22' s/o CL 7th St	04/01/1987	168	1156.99	2.298	35	
16A-86	19	1928.799	O'Malley Av	SEC	23rd St	City of Upland brass disc in 8" dia PCC post 23' s/o CL 23rd St and 33' e/o CL O'Malley Av, 1' s/o curb face	04/01/1987				56	
16B-86	35	1935.159	24th St	E/O	Campus Av	2" City of Upland brass disc in top of N curb of 24th St, 20' n/o CL 24th St and 95' w/o E end of cul-de-sac of 24th St and ~500' e/o cliff in front of 825 E. 24th St	04/01/1987				103	

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			Street	ref	Cross- Street							
16C-86	41	1536.106	16th St	W/O	Benson Av	FD LaCo engineer brass disc set in NW corner of PCC bridge 13' n/o CL 16th St and 5000' w/o CL Benson Av; stamped: "BM 11-66B 1974 RE 7078"	04/01/1987				122	
16D-86	47	1751.55	21st St	W/O	Campus Av	2" City of Upland brass disc set in PCC base for S.C.E. tower leg, 690' n/o CL 21st St, at S.C.E. power line angle point	07/01/1987				141	
16E-86	53	1712.183	20th St	NWC	San Antonio Av	L & T in SE corner of S.C.G.C. vault 53' w/o CL San Antonio and 21.5' n/o CL 20th St	07/01/1987	414	1709.76	2.423	159	
16F-86	60	1650.031	18th St	E/O	Mountain Av	2" City of Upland brass disc set in PCC base for traffic signal, 27' s/o CL 18th St and 58' e/o CL Mountain Av	07/01/1987				178	
16G-86	69	1232.465	Arrow Hw	W/O	Claremont Bl	2" City of Upland brass disc set in PCC base for traffic signal 20' n/o CL Arrow Hw and 65' w/o CL Claremont Bl	07/01/1987				207	
172-86	4	1147.543	7th St	W/O	Virginia Av	FD 1 1/4" SB CO. F.C.D. brass cap in 7" dia PCC post 33' N CL 7th ST and 440' w/o CL Virginia Av	04/01/1987	172	1145.17	2.373	11	
173-86	6	1155.11	7th St	SWC	Eleventh Av	FD PK and nail in T.C 0.5 w/o W end SW curb return 18' s/o CL 7th St and 44' w/o CL 11th Av	04/01/1987	173	1152.8	2.31	17	(old BM shows adjustments)
17A-86	19	1936.233	Mountain Av	SWC	23rd St	City of Upland brass disc in PCC base for light standard #2269169E 50' s/o CL 23rd St and 42' w/o CL Mountain Av	04/01/1987				57	
17B-86	35	1908.512	Campus Av	S/O	24th St	2" City of Upland brass disc in top of E curb of Campus Av, 18' e/o CL Campus Av and 50' s/o CL 24th St, 1' w/o fire hydrant	04/01/1987				104	
17C-86	41	1534.511	16th St	W/O	Benson Av	2" City of Upland brass disc set in E wall of PCC flood control channel, 52' n/o CL 16th St and 4080' w/o CL Benson Av at LA County Line	04/01/1987				123	
17D-86	48	1783.899	Campus Av	N/O	22nd St	2" City of Upland brass disc set in SE corner of PCC catch basin, 40' e/o CL Campus Av and 82' n/o CL 22nd St	07/01/1987				142	
17E-86	54	1730.222	San Antonio Av	AT	City of Upland Fire Station #2	2" City of Upland brass disc set in T.C. of S driveway curb for fire station #2, 56' e/o CL San Antonio, 46' s/o flag pole and ~500' n/o CL 20th St	07/01/1987				160	
17F-86	60	1707.293	Mountain Av	N/O	19th St	2" City of Upland brass disc set in SW corner of 2.5' x 2.5' PCC base for irrigation line breather, 55' n/o CL 19th St and 42' e/o CL Mountain Av	07/01/1987				179	
17G-86	70	1187.25	Huntington Dr	E/O	Claremont Bl	2" City of Upland brass disc set in SW corner of PCC catch basin, 18' s/o CL Huntington Dr North, 55' e/o CL Claremont Bl and 40' n/o CL Pacific Electric RR tracks	07/01/1987				208	
18A-86	20	1937.944	Jasmine Av	SWC	Stonecrest (now Mildura Av)	City of Upland brass disc in PCC base for light standard #2269173E 133' w/o CL Jasmine Av and 24' s/o CL Stonecrest (now Mildura Av)	04/01/1987				58	
18B-86	35	1886.337	Second Av	S/O	24th St	2" City of Upland brass disc in top of W curb of Second Av, 10' s/o S end of SW curb return, 54' s/o CL 24th St and 18' w/o CL Second Av	04/01/1987				105	
18C-86	42	1549.942	16th St	W/O	Benson Av	FD SBd Co. 2" brass disc set in NE corner of PCC base for pump house, 54' s/o CL 16th St and 2879' w/o CL Benson Av	04/01/1987				124	

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			Street	ref	Cross- Street							
18D-86	48	1842.596	Campus Av	N/O	23rd St	2" City of Upland brass disc set in SE corner of PCC sidewalk drain, 37' e/o CL Campus Av and 44' n/o CL 23rd St	07/01/1987				143	
18E-86	54	1762.701	21st St	NWC	San Antonio Av	L & T in PCC base for street light at W end of NW curb return 56.5' w/o CL San Antonio Av and 33' n/o CL 21st St	07/01/1987	417	1760.29	2.411	161	
18F-86	60	1695.483	19th St	SEC	O'Malley	FD 2" SBD Co. surv. brass disc set in T.C. 20' s/o CL 19th St and 42' e/o CL O'Malley	07/01/1987	387	1693.064	2.419	180	(old BM shows adjustments)
18G-86	70	1216.991	Pacific Electric RR	W/O	Monte Vista Av	2" City of Upland brass disc set in SW wing wall of flood control bridge, 109' n/o CL Pacific Electric RR tracks and 115' w/o CL Monte Vista Av (unimproved)	07/01/1987				209	
190-86	1	1322.449	Grove Av	SWC	Anita St	FD L & T 2 ft. s/o S end SW curb return, 32 ft. w/o CL Grove Av and 52 ft s/o CL Anita St	04/01/1987	190	1320.06	2.389	1	(old BM shows adjustments)
19A-86	20	1887.185	Lorraine St	SEC	Stonecrest (now Mildura Av)	2" City of Upland brass disc in PCC base for light standard 45' s/o CL Lorraine St and 23' e/o CL Mildura Av	04/01/1987				59	
19B-86	36	1166.585	Grove Av	SEC	8th St	FD bolt in T.C. 32' s/o CL 8th St and 53' e/o CL Grove Av	04/01/1987				106	(aka SBD Co. BM 01680)
19C-86	42	1554.026	16th St	W/O	Benson Av	2" City of Upland brass disc in 8" PCC post, 72' n/o CL 16th St and 1450' w/o CL Benson Av. 6' s/o PP # 999341E	04/01/1987				125	
19E-86	54	1815.255	22nd St	W/O	San Antonio Av	2" City of Upland brass disc in PCC base of telephone pedestal, 22' n/o CL 22nd St and 92' w/o CL San Antonio.	07/01/1987				162	
19F-86	61	1771.964	Mountain Av	N/O	20th St	2" City of Upland brass disc set in PCC base for street light #2332751E, 41' w/o CL Mountain Av and 151' n/o CL 20th St	07/01/1987				181	
19G-86	70	1230.352	Central Av	N/O	9th St	2" City of Upland brass disc set in PCC base for street light, 40' e/o Central Av and 86' s/o CL Pacific Electric RR tracks	07/01/1987				210	
1A-86	14	1169.076	Euclid Av	NEC	7th St	2" City of Upland brass disc in NW corner of PCC base for traffic signal light 77' e/o CL Euclid and 46' n/o CL 7th St	04/01/1987				41	
1B-86	30	1164.303	Sultana Av	S/O	7th St	2" City of Upland brass disc in NW corner of PCC gas vault, 62' s/o CL 7th St and 25' w/o CL Sultana Av	04/01/1987				88	
1C-86	36	1297.843	Foothill Bl	NWC	Alta Av	2" City of Upland brass disc in SE corner of PCC base for traffic signal, 48' n/o CL Foothill Bl and 48' w/o CL Alta Av, 1' N and 1' W of W end of NW curb return	04/01/1987				107	
1D-86	42	1173.072	Campus Av	SEC	Olive St	FD L and T in E end of SE curb return 37' e/o CL Campus and 18' s/o CL Olive St	07/01/1987	167	1170.68	2.392	126	
1E-86	48	1200.086	8th St	E/O	San Antonio Av	2" City of Upland brass disc set in PCC base for street light #1566686E, 43' n/o CL 8th St and 22' w/o CL Vallejo Wy, ~200' e/o San Antonio Av	07/01/1987				144	
1F-86	55	1201.167	8th St	NEC	Mountain Av	L & T in T.C. E end of NE curb return 70' e/o CL Mountain Av, 36' n/o CL 8th St	07/01/1987	36A	1198.7	2.467	163	(old BM shows adjustments)

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			Street	ref	Cross- Street							
1G-86	64	1235.688	Arrow Hw	E/O	Thirteenth Av	2" City of Upland brass disc set in NE corner of PCC catch basin, 36' n/o CL Arrow Hw and 115' e/o CL 13th Av	07/01/1987				192	
200-86	1	1356.187	Loma Sola	SWC	Grove Av	LD L & T in T.C. at W end SW curb return 18 ft s/o CL Loma Sola and 50 ft w/o CL Grove Av	04/01/1987	200	1353.77	2.417	2	(old BM shows adjustments)
201-86	2	1375.792	14th St	SWC	Grove Av	FD L & T in T.C. 1 ft w/o W end SW curb return 20 ft s/o CL 14th St and 50 ft w/o CL Grove	04/01/1987	201	1373.39	2.402	5	(old BM shows adjustments)
202-86	4	1413.692	15th St	SWC	Grove Av	FD L & T in T.C. 0.3' (?) w/o W end SW curb return 20' s/o CL 15th St and 48' w/o CL Grove Av	04/01/1987	202	1411.21	2.482	12	(old BM shows adjustments)
20A-86	20	1849.128	Sunrise Cr	NEC	Stonecrest (now Mildura Av)	2" City of Upland brass disc in PCC base for light standard #2269479E, 53' n/o CL Sunrise Cr and 23' e/o CL Mildura Av	04/01/1987				60	
20F-86	61	1827.25	Mountain Av	NEC	21st St	LD and tack in concrete slab at center of garage door, 51' e/o CL Mountain Av and 47' n/o CL 21st	07/01/1987	411	1824.86	2.39	182	
20G-86	71	1236.674	Huntington Dr	SWC	Hervey Av	LK and tack in top of PCC wall 13' s/o CL Huntington Dr and 5' w/o W CL prod. Hervey Av	07/01/1987	266	1234.25	2.424	211	
21A-86	21	1802.656	Stonecrest (now Mildura Av)	SWC	Benson Av	2" City of Upland brass disc in SW corner of PCC catch basin, 27' s/o CL Mildura Av and 99' w/o CL Benson	04/01/1987				61	
21F-86	61	1832.164	Mountain Av	N/O	21st St	2" City of Upland brass disc set in NW corner of PCC catch basin, 43' w/o CL Mountain Av and 181' n/o CL 21st St	07/01/1987				183	
22A-86	21	1747.956	Benson Av	AT	Birkdale Av	2" City of Upland brass disc in PCC base for light standard #2374406E, 40' w/o CL Birkdale Av and in center of curb island on Benson Av	04/01/1987				62	
22F-86	62	1881.111	Mountain Av	N/O	22nd St	2" City of Upland brass disc set in NW corner of PCC catch basin, 43' w/o CL Mountain Av and 94' n/o CL 22nd St	07/01/1987				184	
23A-86	21	1682.981	Benson Av	S/O	Buffington St	2" City of Upland brass disc in NE corner of PCC catch basin 149' s/o CL Buffington St and 36' e/o CL Benson Av	04/01/1987				63	
23F-86	62	1988.288	Mountain Av	S/O	24th St	2" City of Upland brass disc set in PCC base for street light #2269463E, 41' w/o CL Mountain Av and 272' s/o CL 24th St	07/01/1987				185	
242A-86	29	1258.519	Arrow Hw	AT	Euclid Av	FD L and T in top of N curb of Arrow Rt, 2' e/o CL Euclid Av	04/01/1987	242-A	1256.13	2.389	87	(new BM book says old BM was called 242-1; must be the same BM that the old book calls 242-A)
24A-86	22	1656.967	18th St	NEC	Benson Av	2" City of Upland brass disc in PCC base for light standard #2152704E, 37' n/o CL 18th St and 33' e/o CL Benson Av	04/01/1987				64	
24F-86	62	2009.92	24th St	W/O	Mountain Av	2" City of Upland brass disc set in PCC base for street light #2269433E, 730' w/o CL Mountain Av and 21' s/o CL 24th St	07/01/1987				186	
25A-86	22	1605.308	Rosewood St	NEC	Benson Av	2" City of Upland brass disc in PCC base for light standard #2174143E, 44' n/o CL Rosewood St and 33' e/o CL Benson Av	04/01/1987				65	

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
25F-86	63	2019.071	Burt St	N/O	24th St	2" City of Upland brass disc set in T.C., 45' n/o CL 24th St and 18' w/o CL Burt St (~2400' w/o Mountain Av)	07/01/1987				187	
26A-86	22	1550.753	Benson Av	NEC	16th St	2" City of Upland brass disc in SE corner of PCC catch basin, 62' e/o CL Benson Av and 60' n/o CL 16th St	04/01/1987				66	
26F-86	63	1962.753	23rd St	AT	Tract #11680	2" City of Upland brass disc set in top of PCC block wall, 4' s/o NW corner tract #11680, ~5' above ground level	07/01/1987				188	
278-86	12	1358.967	13th St	AT	Grove Av	LD L & T in T.C. 20' e/o CL Grove Av on CL of 13th St	04/01/1987	278	1356.54	2.427	36	(old BM shows adjustments)
27A-86	23	1499.988	Benson Av	NEC	15th St	2" City of Upland brass disc in T.C., 2' w/o street light #2306818E, 50' n/o CL 15th St and 32.2' e/o CL Benson Av	04/01/1987				67	
27F-86	63	1898.686	22nd St	AT	Tract #13109	2" City of Upland brass disc set in top of PCC block wall, 1' s/o NW corner tract #13109, ~6' above ground level	07/01/1987				189	
282-86	5	1167.779	7th St	SEC	Mountain Av	FD L & T 1' n/o S end SE curb return 7th and Mountain Av	04/01/1987	282	1165.36	2.419	13	(old BM shows adjustments)
28A-86	23	1462.089	Benson Av	N/O	Howard Access Rd	2" City of Upland brass disc in T.C., 2' w/o PP# 2052052E, 69' n/o CL Howard Access Rd and 32.2' e/o CL Benson Av	04/01/1987				68	
28F-86	64	1831.681	21st St	AT	Tract #13109	2" City of Upland brass disc set in NW corner of PCC base for electrical transformer, ?' w/o and ?' s/o SW corner tract #13109	07/01/1987				190	Info missing from description
291-86	2	1572.296	18th St	NEC	Euclid Av	FD L & T in T.C. 1.2 ft e/o E end NE curb return 20' N CL 18th St and 100 ft E CL Euclid Av	04/01/1987	291	1569.77	2.526	6	
292-86	5	1527.705	17th St	NEC	Euclid Av	FD L and T in T.C. 1.2' e/o E end NE curb return 20' n/o CL 17th St and 100' e/o CL Euclid Av	04/01/1987	292	1525.15	2.555	14	
295-86	8	1405.036	Euclid Av	NWC	14th St	FD L & T in T.C. 1' e/o NW curb return Euclid and 14th	04/01/1987	295	1402.54	2.496	24	
29A-86	23	1425.07	Upland Fire Station #3	AT	Benson Av	2" City of Upland brass disc in PCC base for traffic signals, 34' east of CL Benson Ave and 38' north of CL south D/W for Upland Fire Station No. 3	04/01/1987				69	
29F-86	64	1224.05	Mountain Av	N/O	AT & SF RR	3" USC and GS brass cap in SW corner of PCC catch basin, 40' w/o CL Mountain Av and 68' n/o CL AT & SF RR; disc stamped "K 1327 1978"	07/01/1987				191	
2A-86	14	1199.431	Euclid Av	NEC	8th St	2" City of Upland brass disc in NW corner of PCC base for traffic signal light 77' e/o CL Euclid and 60' n/o CL 8th St	04/01/1987				42	
2B-86	30	1161.376	7th St	NEC	Campus Av	2" City of Upland brass disc in SE corner of PCC sidewalk, 28' n/o CL 7th St and 80' e/o CL Campus Av, in front of Assembly of God Church	04/01/1987				89	
2C-86	36	1310.318	Foothill Bl	E/O	Eleventh Av	2" City of Upland brass disc in NW corner of PCC drain structure curb, 44' n/o CL Foothill Bl and 69' e/o CL Eleventh Av	04/01/1987				108	

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
2D-86	43	1187.55	8th St	E/O	Campus Av	2" City of Upland brass disc set in SW corner of PCC pad for telephone equipment box, 184' e/o CL Campus and 23' n/o CL 8th St	07/01/1987				127	
2E-86	49	1219.581	San Antonio Av	SEC	AT & SF RR	FD 2" SBd Co surv. brass disc in top of E PCC wall of a 7'-wide drainage channel, 21' e/o CL San Antonio and 11.7' s/o S rail of AT & SF RR track	07/01/1987				145	(aka SBd Co surv. BM 700-39)
2F-86	55	1201.057	Mountain Av	NWC	8th St	2" City of Upland brass disc set in westerly side of PCC catch basin, 37' n/o CL 8th St and 62' w/o CL Mountain Av	07/01/1987				164	
2G-86	65	1242.976	Arrow Hw	NWC	Eleventh Av	FD round-head bolt in T.C. 2' e/o W end of NW curb return, 18' n/o CL Arrow Hw and 33' w/o CL 11th Av	07/01/1987				193	
30A-86	24	1352.733	Benson Av	NWC	Foothill Bl	2" City of Upland brass disc in PCC base for traffic signal central box, 57' n/o CL Foothill Bl (7' n/o curb) and 60' w/o CL Benson Av 7' n/o curb	04/01/1987				70	
31A-86	24	1304.419	Benson Av	NEC	11th St	2" city of Upland brass disc in n/e cor. PCC catch basin 35.5' e/o CL Benson Av and 197' s/o CL 11th St	09/24/1994				71	(BM location changed; previous elevation was 1304.419)
327-86	11	1352.446	Foothill Bl	NEC	Benson Av	FD L & T in T.C. in N end of NE curb return of Foothill Bl and Benson Av	04/01/1987	327	1350.01	2.436	32	(old BM shows adjustments)
32A-86	24	1271.198	Benson Av	NWC	Arrow Hw	2" City of Upland brass disc in SW corner of PCC catch basin 36' w/o CL Benson Av and 61' n/o CL Arrow Hw	04/01/1987				72	
335-86	9	1865.497	San Antonio Av	NEC	23rd St	FD L & T in center NE curb return 23rd and San Antonio 39' e/o CL San Antonio and 29' n/o CL 23rd St	04/01/1987	335	1863.13	2.367	25	(old BM shows adjustments)
337-86	11	1239.319	Grove Av	NWC	Southern Pacific RR	FD L & T in T.C. 32.3' w/o CL Grove Av and 75' n/o CL Southern Pacific RR tracks	04/01/1987	337	1236.92	2.399	33	
338-86	13	1269.453	San Bernardino Rd	SWC	Grove Av	FD L & T in T.C. in middle of SW curb return 48' w/o CL Grove Av and 46' s/o CL San Bernardino Rd	04/01/1987	338	1267.02	2.433	37	
33A-86	25	1250.897	Benson Av	NWC	Southern Pacific RR tracks	2" City of Upland brass disc in SW corner of PCC catch basin 36' w/o CL Benson Av and 45' n/o CL Southern Pacific RR. tracks	04/01/1987				73	
342-86	5	1168.869	7th St	SWC	Austin Wy	FD PK nail in T.C. 45' w/o CL Austin Wy and 20.5' s/o CL 7th St 0.8' w/o W end SW curb return	04/01/1987	342	1166.52	2.349	15	
343-86	6	1171.964	7th St	NEC	San Antonio Av	FD PK Nail in T.C. 20.5' e/o CL San Antonio Av and 45' n/o CL 7th st 0.5' s/o N end of NE curb return	04/01/1987	343	1169.6	2.364	18	
345-86	9	1197.818	Euclid Av	CTR	8th St	FD RR spike at CL intersection Euclid and 8th	04/01/1987	345	1195.54	2.278	26	
34A-86	25	1233.015	9th St	NEC	Benson Av	2" City of Upland brass disc in PCC sidewalk drain 38' e/o CL Benson Av and 68' n/o CL 9th St	04/01/1987				74	
351-86	3	1309.23	11th St	SEC	Benson Av	FD L and T in T.C. 1 ft s/o S end SE curb return 46' s/o CL 11th St and 32.2' e/o CL Benson	04/01/1987	351	1306.77	2.46	7	

Benchmark Conversions (pre/post 1986)

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1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
35A-86	25	1215.628	Benson Av	NWC	A.T. & S.F. RR tracks	2" City of Upland brass disc in SW corner of PCC catch basin 36' w/o CL Benson Av and 24' n/o CL A.T. & S.F. RR tracks	04/01/1987				75	
36A-86	26	1165.356	Benson Av	N/O	7th St	2" City of Upland brass disc in PCC base for fire hydrant, 83' n/o CL 7th St and 47' w/o CL Benson and 1' e/o hydrant	04/01/1987				76	
371-86	3	1485.229	Euclid Av	CTR	16th St	FD RR spike at CL of intersection of Euclid and 16th	04/01/1987	371	1482.74	2.489	8	
373-86	7	1291.524	Foothill Bl	NWC	Grove Av	FD SBD Co. surv. brass disc in T.C. 65' w/o CL Grove Av and 37' n/o CL Foothill Bl median strip at W end of NW curb return	04/01/1987	373	1289.131	2.393	19	(old BM shows adjustments)
375-86	9	1318.288	Fifth Av	SWC	Foothill Bl	FD SBD Co. surv. brass disc in N.T.C. for frontage rd 31' w/o CL 5th Av and 46' s/o CL Foothill Bl	04/01/1987	375	1315.88	2.408	27	(old BM shows adjustments)
376-86	10A	1327.482	Euclid Av	NWC	Foothill Bl	FD SBD Co. surv. brass disc in T.C. at E end of parking lot, 1' n/o catch basin 100' w/o CL Euclid and 45' n/o CL Foothill Bl	04/01/1987	376	1325.06	2.422	30	(old BM shows adjustments)
377-86	12	1341.049	San Antonio Av	NEC	Foothill Bl	FD drive nail in T.C. 62' e/o CL San Antonio Av and 40' n/o CL Foothill Bl at E end of NE curb return	04/01/1987	377	1338.626	2.423	34	(old BM shows adjustments)
37A-86	26	1167.233	7th St	E/O	Fredericks Ln	2" City of Upland brass disc in T.C. 32.2' s/o CL 7th St and 154' e/o CL Fredericks Ln	04/01/1987				77	
380-86	1	1346.129	Airport Dr	NWC	Foothill Bl	FD SBD Co. surv. brass disc in T.C. 240 ft w/o CL Central Av; 26.5 ft w/o CL Airport Dr and 83 ft n/o CL Foothill Bl	04/01/1987	380	1343.678	2.451	3	(old BM shows adjustments)
385-86	10	1613.416	19th St	NWC	Euclid Av	FD SBD Co. surv. brass disc in N.T.C. of 19th St, 36' n/o CL 19th St and 98' w/o CL Euclid Av	04/01/1987	385	1610.978	2.438	28	(old BM shows adjustments)
38A-86	26	1168.015	7th St	SWC	Mountain Av	2" City of Upland brass disc in SE corner of PCC base for traffic signal, 60' s/o CL 7th St and 47' w/o CL Mountain Av	04/01/1987				78	
39A-86	27	1174.733	Citrus Elementary School	AT	7th St	2" City of Upland brass disc in base for flag pole in front of Citrus Elementary School, approximately 150' n/o CL 7th St and 1' s/o flag pole	04/01/1987				79	
3A-86	15	1226.003	Euclid Av	SEC	9th St	2" City of Upland brass disc in top NW corner of PCC planter curb 102' e/o CL Euclid and 39' s/o CL 9th St	04/01/1987				43	
3B-86	30	1142.416	Grove Av	NEC	7th St	2" City of Upland brass disc in PCC base for traffic signal, 38' n/o CL 7th St and 34' e/o CL Grove Av	04/01/1987				90	
3C-86	37	1318.096	Campus Av	N/O	Foothill Bl	2" City of Upland brass disc in T.C., 33' e/o CL Campus Av and 124' n/o CL Foothill Bl, 2' w/o fire hydrant	04/01/1987				109	
3D-86	43	1206.654	Campus Av	AT	AT & SF RR	FD Nail and county surveyor tag set in SW corner of 6' x 6' PCC structure, 5' n/o northerly rail and 32' e/o CL Campus Av	07/01/1987				128	(aka SBd Co surv. BM 4-28)
3E-86	49A	1228.66	San Antonio Av	SEC	9th St	2" City of Upland brass disc set in PCC sidewalk, 21' s/o CL 9th St and 56 ft. e/o of CL San Antonio Ave., 1' S of S curb face	07/01/1987				146	

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
3F-86	55	1224.414	Mountain Av	NWC	A.T & S.F. RR	FD 2" SBD Co. surv. brass disc in T.C. median curb 6' w/o CL Mountain Av and 13' n/o CL A.T & S.F. RR	07/01/1987	365	1221.98	2.434	165	
3G-86	65	1252.582	Ninth Av	N/O	San Bernardino Rd	2" City of Upland brass disc set in SE corner of PCC catch basin, 22' e/o CL 9th Av and 72' n/o CL San Bernardino Rd	07/01/1987				194	
403-86	7	1169.195	7th St	NEC	Spencer Av	FD L & T 0.3' e/o E end of NE curb return 32.2' n/o CL 7th St and 42' e/o CL Spencer Av	04/01/1987	403	1166.74	2.455	20	
404-86	7	1164.523	7th St	NEC	Benson Av	FD L & T in T.C. 32.2' n/o CL 7th St and 77' e/o CL Benson Av at E end of NE curb return	04/01/1987	404	1162.09	2.433	21	
405-86	10	1652.43	20th St	SEC	Euclid Av	FD US Army Corps of Engineers brass cap in NW corner PCC Edison vault 11' e/o CL Euclid Av and 38' s/o CL 20th St. Disc stamped "WCC-105 1973"	04/01/1987	405	1650	2.43	29	
406-86	11	1751.479	Euclid Av	SWC	22nd St	FD US Army Corps of Engineers brass cap in T.C. 40' s/o CL 22nd St and 64' w/o CL Euclid	04/01/1987	406	1749.11	2.369	31	
40A-86	27	1197.514	8th St	SEC	Euclid Av	FD Bolt 1' e/o E end of SE curb return, 26' s/o CL 8th St and 103' e/o CL Euclid Av	04/01/1987				80	(aka SBD Co. BM 01677)
41A-86	27	1255.442	Euclid Av	SEC	Arrow Rt	FD bolt in curb 1' s/o S end of curb return at the SE corner of Arrow Rt and the northbound lanes of Euclid Av	04/01/1987				81	(aka SBD Co. BM 01689)
421-86	3	1395.679	Benson Av	SWC	13th St	FD National Geodetic Survey brass disc set in T.C. 1' e/o W end SW curb return 51' w/o CL Benson Av and 30' s/o CL 13th St	04/01/1987	421	1393.25	2.429	9	
42A-86	28	1217.594	Euclid Av	SWC	A.T & S.F. RR tracks	FD sawed-off bolt in PCC ladder base, 121' w/o CL Euclid and 9' s/o CL A.T & S.F. RR tracks	04/01/1987				82	(aka SBD Co. BM 4-19)
43A-86	28	1220.9	Benson Av	S/O	9th St	FD SBD Co. surv. brass disc in top of PCC curb, 33' w/o CL Benson and approx. 440' s/o CL 9th St, in front of City of Upland Well #8	04/01/1987				83	(aka SBD Co. BM 700-40 (reset))
4A-86	15	1290.121	Euclid Av	NEC	11th St	2" City of Upland brass disc in NE corner of PCC catch basin 114' e/o CL Euclid and 24' n/o CL 11th	04/01/1987				44	
4B-86	31	1194.914	9th St	SEC	Grove Av	2" City of Upland brass disc in PCC base for traffic signal, 39' s/o CL 9th St to the W and 34' e/o CL Grove Av	04/01/1987				91	
4C-86	37A	1323.344	Foothill Bl	SEC	Second Av	2" City of Upland brass disc in top of planter curb at NE corner of Chevron Station, 88' So CL Foothill and 40' w/o CL 2nd Ave	04/01/1987				110	
4D-86	43	1217.216	Campus Av	S/O	9th St	2" City of Upland brass disc set in NE corner of PCC base for steel electrical transmission pole #1819200E, 19' w/o CL Campus and 48' s/o CL 9th St	07/01/1987				129	
4E-86	49	1266.353	San Antonio Av	N/O	Arrow Hw	2" City of Upland brass disc set in SW corner of PCC catch basin, 36' w/o CL San Antonio Av and 92' n/o CL Arrow Hw	07/01/1987				147	
4F-86	56	1233.35	Mountain Av	NWC	9th St	2" City of Upland brass disc set in SW corner of PCC catch basin, 46' n/o CL 9th St and 42' w/o CL Mountain Av	07/01/1987				166	

Benchmark Conversions (pre/post 1986)

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1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
4G-86	65	1252.828	Arrow Hw	NWC	Fifth Av	2" City of Upland brass disc set in PCC base for traffic signal, 22' n/o CL Arrow Hw and 35' w/o CL Fifth Av	07/01/1987				195	
509-86	13	1655.648	Euclid Av	NWC	20th St	FD 1 1/4 brass disc set in 6" PCC post 33' n/o CL 20th St and 92' w/o CL Euclid Av. Disc stamped "City 509 BM"	04/01/1987	509	1653.22	2.428	39	
511-86	4	1816.627	23rd St	W/O	Euclid Av	FD 1 1/4" Brass Disc set in top of 6" PCC post 100' w/o CL Euclid Av and 21' s/o CL 23rd St 1' s/o curb face stamped city 511 BM	04/01/1987	511	1814.29	2.337	10	
512-86	6	1901.763	Euclid Av	NWC	24th St	FD 1 1/4" brass Disc set in top of 6" PCC post 88' w/o CL Euclid Av and 42' n/o CL 24th St 1' w/o curb face at N end of NW curb return	04/01/1987	512	1899.44	2.323	16	
5A-86	15	1364.264	Euclid Av	SEC	13th St	2" City of Upland brass disc in top 8" dia. PCC post 93' e/o CL Euclid Av and 35' s/o CL 13th St	04/01/1987				45	
5B-86	31	1221.282	Grove Av	NEC	Arrow Hw	2" City of Upland brass disc in PCC base for traffic signal, 38' n/o CL Arrow Hw and 31' e/o CL Grove Av	04/01/1987				92	
5C-86	37	1335.737	Foothill Bl	W/O	Redding Wy	2" City of Upland brass disc in PCC sidewalk structure, 88' n/o CL Foothill Bl and 138' w/o CL Redding Wy; 1.5' n/o N curb of Foothill frontage rd	04/01/1987				111	
5D-86	44	1248.852	Campus Av	SEC	Arrow Hw	2" City of Upland brass disc set in PCC base for traffic signal, 23' s/o CL Arrow Hw and 32' e/o CL Campus Av	07/01/1987				130	
5E-86	50	1301.201	San Antonio Av	NWC	11th St	2" City of Upland brass disc set in SE corner of PCC catch basin, 33' w/o CL San Antonio Av and 50' n/o CL 11th St	07/01/1987				148	
5F-86	56	1267.444	Arrow Hw	SEC	Mountain Av	2" City of Upland brass disc set in PCC base for traffic signal, 34' s/o CL Arrow Hw and 69' e/o CL Mountain Av	07/01/1987				167	
5G-86	66	1254.061	Arrow Hw	E/O	Third Av	LD and tack in T.C. 1' w/o E end of NE curb return, 53' e/o CL Third Av and 36' n/o CL Arrow Hw	07/01/1987				196	
66A-86	28	1366.81	13th St	AT	Euclid Av	FD L and T in top of N curb of 13th St, 2' e/o CL Euclid Av	04/01/1987	66A	1364.305	2.505	84	
6A-86	16	1404.023	Euclid Av	SEC	14th St	2" City of Upland brass disc in NE corner of PCC base for traffic signal light 106' e/o CL Euclid and 22' s/o CL 14th St	04/01/1987				46	
6B-86	31	1272.845	Grove Av	NWC	San Bernardino Rd	2" City of Upland brass disc in SW corner of PCC catch basin 36' w/o CL Grove Av and 48' n/o CL San Bernardino Rd	04/01/1987				93	
6C-86	38	1341.947	San Antonio Av	NEC	Foothill Bl	2" City of Upland brass disc in NE corner of PCC catch basin, 88' n/o CL Foothill Bl and 36' e/o CL San Antonio	04/01/1987				112	
6D-86	44	1285.304	Campus Av	NEC	11th St	2" City of Upland brass disc set in SE corner of PCC catch basin, 50' n/o CL 11th St and 22' e/o CL Campus Av	07/01/1987				131	
6E-86	50	1378.201	13th St	E/O	San Antonio Av	2" City of Upland brass disc set in PCC base for street light # 1733955E, 166' e/o CL San Antonio Av and 21' n/o CL 13th St and 20' w/o CL of alley	07/01/1987				149	

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
6F-86	56	1286.727	Mountain Av	S/O	Alley s/o 11th St	2" City of Upland brass disc set in PCC base for street light, 37.5' e/o CL Mountain Av and 26' s/o CL Alley just southerly of 656 N Mountain Av	07/01/1987				168	
6G-86	66	1261.26	Arrow Hw	NWC	Palm Av	PK Nail in T.C. 0.5' w/o W end of NW curb return 24' n/o CL Arrow Hw and 42' w/o CL Palm Av	07/01/1987	10	1258.83	2.43	197	
73A-86	29	1403.888	Euclid Av	CTR	14th St	FD RR spike at CL intersection of Euclid and 14th St	04/01/1987	73A	1401.4	2.488	85	
7A-86	16	1445.694	Euclid Av	NEC	15th St	2" City of Upland brass disc in SW corner of PCC base for street light 80' e/o CL Euclid and 32' n/o CL 15th St	04/01/1987				47	
7B-86	32	1445.649	Calle Del Prado	W/O	Cerrito Rojo Dr	2" City of Upland brass disc in NE corner of PCC catch basin 15' n/o CL Calle del Prado and 150' w/o CL Cerrito Rojo Dr	04/01/1987				94	
7C-86	38	1347.319	Foothill Bl	W/O	Mulberry Av	2" City of Upland brass disc in T.C. of N frontage rd 82' n/o CL Foothill Bl and 52' w/o CL Mulberry Av, 1' s/o fire hydrant and 4' w/o NW curb return	04/01/1987				113	
7D-86	44	1351.741	Campus Av	N/O	13th St	2" City of Upland brass disc set in SE corner of PCC catch basin, 7' n/o CL 13th St and 36' w/o CL Campus Av	04/26/1994				132	(apparently moved from original location)
7E-86	50	1420.371	14th St	E/O	San Antonio Av	2" City of Upland brass disc set in PCC base for street light, 202' e/o CL San Antonio Av and 21' s/o CL 14th St and 18' e/o CL of alley	07/01/1987				150	
7F-86	57	1307.064	Mountain Av	NEC	11th St	2" City of Upland brass disc set in PCC sidewalk drain, 40' n/o CL 11th St and 69' e/o CL Mountain Av	07/01/1987				169	
7G-86	66	1264.031	Arrow Hw	NEC	Shasta Wy	PK Nail in T.C. 0.5' w/o E end of NE curb return 24' n/o CL Arrow Hw and 42' e/o CL Shasta Wy	07/01/1987	7	1261.6	2.431	198	(official bench mark)
85-86	8	1613.106	Euclid Av	CTR	19th St	FD RR spike at CL of intersection of Euclid and 19th	04/01/1987	85	1610.55	2.556	22	
8A-86	16	1484.192	Euclid Av	SEC	16th St	2" City of Upland brass disc in NW corner of PCC base for street light 100' e/o CL Euclid and 32' s/o CL 16th St	04/01/1987				48	
8B-86	32	1448.707	Baseline Rd (16th St)	E/O	Alta Cuesta Dr	2" City of Upland brass disc in PCC sidewalk on bridge over the Cucamonga Creek Flood Control Channel, 40' s/o CL Baseline and 88' e/o CL Alta Cuesta	04/01/1987				95	
8C-86	38	1354.445	Foothill Bl	NEC	Mountain Av	2" City of Upland brass disc in NE corner of PCC catch basin, 87' n/o CL Foothill Bl and 39' e/o CL Mountain Av	04/01/1987				114	
8D-86	45	1389.949	14th St	W/O	Campus Av	2" City of Upland brass disc set in NW corner of PCC catch basin, 23' n/o CL 14th St and 71' w/o CL Campus Av	07/01/1987				133	
8E-86	51	1469	15th St	NEC	San Antonio Av	L & T in T.C. 1' e/o E end of NE curb return 58' e/o CL San Antonio and 20' n/o CL 15th	07/01/1987	352	1466.49	2.51	151	
8F-86	57	1396.515	Mountain Av	NEC	13th St	2" City of Upland brass disc set in PCC base for traffic signal, 29' n/o CL 13th St and 60' e/o CL Mountain Av	07/01/1987				170	

Benchmark Conversions (pre/post 1986)

Average BM discrepancy --> 2.42385

1986 B.M. ID	pg.	Elevation (ft)	Location			Description	Date	Old B.M.	Old Elev	Elev Diff (New- Old)	(Entry #)	Comments
			Street	ref	Cross- Street							
8G-86	67	1272.254	Maple Wy	S/O	Winn Dr	2" City of Upland brass disc set in NW corner of PCC catch basin, 22' w/o CL Maple Wy and 85' s/o CL Winn Dr (n/o Arrow Hw, w/o San Antonio Av)	07/01/1987				199	
9A-86	17	1529.462	Euclid Av	SEC	17th St	2" City of Upland brass disc in SE corner of 18"x18" PCC base for breather pipe, 36' n/o CL 17th St and 18' e/o CL Euclid	04/01/1987				49	
9B-86	32	1480.988	CCFCC	N/O	Baseline Rd (16th St)	2" City of Upland brass disc in top of W wall of Cucamonga Creek Flood Control Channel, approx. 0.2 mile n/o Baseline	04/01/1987				96	
9C-86	39	1354.695	Foothill Bl	E/O	Wilson Av	2" City of Upland brass disc in PCC planter curb, 97' n/o CL Foothill Bl and 110' e/o CL Wilson Av, 1' e/o SE corner of PCC block retaining wall.	04/01/1987				115	
9D-86	45	1425.286	Campus Av	N/O	15th St	2" City of Upland brass disc set in NW corner of PCC catch basin, 64' n/o CL 15th St and 35' w/o CL Campus Av	07/01/1987				134	
9E-86	51	1472.542	San Antonio Av	N/O	15th St	2" City of Upland brass disc set in NE corner of PCC catch basin, 37' e/o CL San Antonio Av and 112' n/o CL 15th St	07/01/1987				152	
9F-86	57	1445.079	14th St	E/O	Mountain Av	2" City of Upland brass disc set in PCC base for telephone equipment box, 27' n/o CL 14th St and 85' e/o CL Mountain Av, 2' n/o curb	07/01/1987				171	
9G-86	67	1269.034	Arrow Hw	NWC	Alley e/o Mountain Av	2" City of Upland brass disc set in PCC base for street light #2107883E, 24' n/o CL Arrow Hw and 15' w/o CL alley along E side of Parcel # 3181 (~700' e/o Mountain Av)	07/01/1987				200	