

Bashavia Creek Zoning, Outfall Costs, Interceptor Costs, Pump Station and Force Main Costs, Easement Costs and Assessments

Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18	Col 19	Col 20	
ID	Zoning	Full Area (SF)	Reduced Area (SF)	In Reduced Area	Reduced Lots	Flow (MGD)	FlowAccu (MGD)	Slope (ft per 100 ft)	Size (in)	Length (Ft)	Line Type	Collector Sewers Length (Ft)	Local Outfal Length (Ft)	Collector Assessment	Local Outfal Cost	Outfall/Interceptor Construction Cost	Easement Cost	Engineering	Total Sub-Basin \$	
BA1	GMA4	1,841,320	1,380,990	69.05		22,854	0.02	0.02	2.9	8	1,931	Outfall	4,143	6,422	\$ 372,867	\$ 706,376	\$ 231,720	\$ 41,763	\$ 196,645	\$ 1,549,371
BA1a	AG	373,481	373,481	18.67									1,867	2,894	\$ 168,066	\$ 318,393		\$ 14,472	\$ 72,969	\$ 573,900
BA1b	RS30	150,014	150,014	7.50									563	872	\$ 50,630	\$ 95,915		\$ 4,360	\$ 21,982	\$ 172,886
BA2	GMA4	466,812	350,109	17.51		21,866	0.02	0.02	2.1	8	1,065	Outfall	1,050	1,628	\$ 94,529	\$ 179,081	\$ 127,800	\$ 13,465	\$ 60,212	\$ 475,087
BA2a	AG	1,472,080	1,472,080	73.60									14,721	22,817	\$ 662,436	\$ 2,509,896		\$ 114,086	\$ 475,850	\$ 3,762,268
BA3	GMA4	952,607	714,455	35.72		8,573	0.01	0.05	2	8	1,128	Outfall	2,143	3,322	\$ 192,903	\$ 365,444	\$ 135,360	\$ 22,251	\$ 104,056	\$ 820,014
BA4	GMA4	3,867,640	2,900,730	145.04		38,694	0.04	0.04	2.9	8	3,317	Outfall	8,702	13,488	\$ 783,197	\$ 1,483,723	\$ 398,040	\$ 84,027	\$ 399,744	\$ 3,148,732
BA4a	RS30	323,785	323,785	16.19									1,214	1,882	\$ 109,277	\$ 207,020		\$ 9,410	\$ 47,445	\$ 373,152
BA5	GMA4	1,273,160	954,870	47.74		11,458	0.01	0.01	3.2	8	955	Outfall	2,865	4,440	\$ 257,815	\$ 488,416	\$ 114,600	\$ 26,976	\$ 129,125	\$ 1,016,931
BA6	GMA4	2,997,220	2,247,915	112.40		26,975	0.03	0.13	1.6	8	2,567	Outfall	6,744	10,453	\$ 606,937	\$ 1,149,809	\$ 308,040	\$ 65,099	\$ 309,718	\$ 2,439,602
BA7	LB-S	610,679	610,679	30.53		28,596	0.03	0.03	3.1	8	2,628	Outfall	1,527	2,366	\$ 137,403	\$ 260,302	\$ 315,360	\$ 24,972	\$ 106,960	\$ 844,996
BA7a	RS30	1,276,601	1,276,601	63.83									4,787	7,420	\$ 344,682	\$ 816,227		\$ 37,101	\$ 174,136	\$ 1,372,147
BA7b	GMA4	1,271,630	953,723	47.69									2,861	4,435	\$ 257,505	\$ 487,829		\$ 22,174	\$ 111,800	\$ 879,308
BA8	GMA4	838,049	628,537	31.43		13,037	0.01	0.01	4.1	8	1,868	Outfall	1,886	2,923	\$ 169,705	\$ 321,497	\$ 224,160	\$ 23,953	\$ 107,304	\$ 846,619
BA8a	AG	53,391	53,391	2.67									267	414	\$ 24,026	\$ 45,515		\$ 2,069	\$ 10,431	\$ 82,041
BA8b	RS30	404,517	404,517	20.23									1,517	2,351	\$ 136,524	\$ 258,638		\$ 11,756	\$ 59,274	\$ 466,193
BA9	GMA4	1,261,510	946,133	47.31		11,354	0.01	0.01	5.1	8	1,024	Outfall	2,838	4,400	\$ 255,456	\$ 483,947	\$ 122,880	\$ 27,118	\$ 129,342	\$ 1,018,743
BA10	GMA4	6,135,830	4,601,873	230.09		57,702	0.06	0.11	2.1	8	2,647	Outfall	13,806	21,399	\$ 1,242,506	\$ 2,353,858	\$ 317,640	\$ 120,229	\$ 587,101	\$ 4,621,332
BA10a	RS30	206,664	206,664	10.33									775	1,201	\$ 69,749	\$ 132,136		\$ 6,006	\$ 30,283	\$ 238,174
BA11	GMA4	817,546	613,160	30.66		7,358	0.01	0.25	0.86	8	765	Outfall	1,839	2,851	\$ 165,553	\$ 313,631	\$ 91,800	\$ 18,081	\$ 85,648	\$ 674,713
BA12	GMA4	3,334,590	2,500,943	125.05		30,011	0.03	0.03	3.3	8	4,595	Outfall	7,503	11,629	\$ 675,254	\$ 1,279,232	\$ 551,400	\$ 81,122	\$ 375,883	\$ 2,962,891
BA13	GMA4	1,289,430	967,073	48.35		11,605	0.01	0.29	0.42	8	691	Outfall	2,901	4,497	\$ 261,110	\$ 494,658	\$ 82,920	\$ 25,939	\$ 125,803	\$ 990,430
BA14	GMA4	3,476,850	2,607,638	130.38		31,292	0.03	0.03	2.4	8	3,313	Outfall	7,823	12,126	\$ 704,062	\$ 1,333,807	\$ 397,560	\$ 77,193	\$ 365,314	\$ 2,877,936
BA15	LB-S	1,587,640	1,587,640	79.38		42,435	0.04	0.04	1.1	8	5,843	Outfall	3,969	6,152	\$ 357,219	\$ 676,732	\$ 701,160	\$ 59,976	\$ 260,267	\$ 2,055,353
BA15a	RS30	352,780	352,780	17.64									1,323	2,051	\$ 119,063	\$ 225,559		\$ 10,253	\$ 51,693	\$ 406,568
BA15b	GMA4	3,715,430	2,786,573	139.33									8,360	12,958	\$ 752,375	\$ 1,425,332		\$ 64,788	\$ 326,656	\$ 2,569,150
BA16	GMA4	4,175,610	3,131,708	156.59		51,708	0.05	0.05	2.1	8	4,648	Outfall	9,395	14,562	\$ 845,561	\$ 1,601,868	\$ 557,760	\$ 96,052	\$ 450,778	\$ 3,552,020
BA16a	LB	664,915	664,915	33.25									1,662	2,577	\$ 149,606	\$ 283,420		\$ 12,883	\$ 64,954	\$ 510,863
BA16b	RS20-S	1,011,030	1,011,030	50.55									3,033	4,701	\$ 272,978	\$ 517,142		\$ 23,506	\$ 118,518	\$ 932,144
BA17	RS20-S	3,700,410	3,700,410	185.02		44,405	0.04	0.04	6.3	8	2,436	Outfall	11,101	17,207	\$ 999,111	\$ 1,892,760	\$ 292,320	\$ 98,215	\$ 477,629	\$ 3,760,034
BA18	GMA4	4,739,090	3,554,318	177.72		49,943	0.05	0.09	1.3	8	6,773	Outfall	10,663	16,528	\$ 959,666	\$ 1,818,033	\$ 812,760	\$ 116,503	\$ 538,569	\$ 4,245,531
BA18a	RS20-S	607,608	607,608	30.38									1,823	2,825	\$ 164,054	\$ 310,791		\$ 14,127	\$ 71,227	\$ 560,199
BA19	GMA4	2,465,780	1,849,335	92.47		26,750	0.03	0.22	0.82	8	1,570	Outfall	5,548	8,599	\$ 499,320	\$ 945,935	\$ 188,400	\$ 50,847	\$ 245,048	\$ 1,929,551
BA19a	RS30	379,815	379,815	18.99									1,424	2,208	\$ 128,188	\$ 242,844		\$ 11,038	\$ 55,655	\$ 437,725
BA20	GMA4	2,285,390	1,714,043	85.70		20,569	0.02	0.02	3.1	8	2,669	Outfall	5,142	7,970	\$ 462,791	\$ 876,733	\$ 320,280	\$ 53,196	\$ 248,971	\$ 1,961,971
BA21	GMA4	5,545,857	4,159,393	207.97		145,906	0.15	0.38	0.78	8	4,364	Outfall	12,478	19,341	\$ 1,123,036	\$ 2,127,529	\$ 523,680	\$ 118,526	\$ 566,137	\$ 4,458,908
BA21a	RS30	7,552,270	7,552,270	377.61									28,321	43,898	\$ 2,548,891	\$ 4,828,733		\$ 219,488	\$ 1,106,644	\$ 8,703,755
BA21b	AG	447,139	447,139	22.36									2,236	3,465	\$ 201,213	\$ 381,186		\$ 17,327	\$ 87,360	\$ 687,085
BA22	RS30	1,367,770	1,367,770	68.39		16,809	0.02	0.02	3.8	8	843	Interceptor	5,129	7,950	\$ 461,622	\$ 874,518	\$ 101,160	\$ 43,966	\$ 215,595	\$ 1,696,861
BA22a	GMA4	44,015	33,011	1.65									99	154	\$ 8,913	\$ 16,885		\$ 768	\$ 3,870	\$ 30,436
BA23	GMA4	2,830,210	2,122,658	106.13		40,796	0.04	0.44	0.33	10	2,457	Interceptor	6,368	9,870	\$ 573,118	\$ 1,085,739	\$ 368,550	\$ 61,637	\$ 304,111	\$ 2,393,155
BA23a	RS30	1,277,000	1,277,000	63.85									4,789	7,423	\$ 430,988	\$ 816,482		\$ 37,113	\$ 187,120	\$ 1,471,703
BA24	GMA4	248,498	186,374	9.32		2,236	0.00	0.44	0.5	10	1,366	Interceptor	559	867	\$ 50,321	\$ 95,330	\$ 204,900	\$ 11,163	\$ 52,583	\$ 414,297
BA24																				
BA25	GMA4	1,201,270	900,953	45.05		10,811	0.01	0.45	0.8	10	1,247	Interceptor	2,703	4,189	\$ 243,257	\$ 460,837	\$ 187,050	\$ 27,182	\$ 133,672	\$ 1,051,998
BA25													1,165					\$ 5,825		\$ 5,825
BA26	GMA4	368,581	276,436	13.82		3,317	0.00	0.46	0.4	10	1,253	Interceptor	829	1,285	\$ 74,638	\$ 141,397	\$ 187,950	\$ 12,692	\$ 60,598	\$ 477,274
BA26													545					\$ 2,725		\$ 2,725
BA27	GMA4	1,603,620	1,202,715	60.14		14,433	0.01	0.47	0.88	10	1,163	Interceptor	3,608	5,593	\$ 324,733	\$ 615,189	\$ 174,450	\$ 33,778	\$ 167,156	\$ 1,315,306
BA27													1,716					\$ 8,580		\$ 8,580
BA28	GMA4	2,545,000	1,908,750	95.44		22,905	0.02	0.49	0.18	12	1,263	Interceptor	5,726	8,876	\$ 515,363	\$ 976,326	\$ 227,340	\$ 50,693	\$ 257,854	\$ 2,027,576
BA28													1,518					\$ 7,590		\$ 7,590
BA29	GMA4	4,155,270	3,116,453	155.82		37,397	0.04	0.53	0.47	12	2,628	Interceptor	9,349	14,492	\$ 841,442	\$ 1,594,065	\$ 473,040	\$ 85,598	\$ 436,282	\$ 3,430,427
BA30	GMA4	1,247,860	935,895	46.79		11,231	0.01	0.54	0.65	12	517	Interceptor	2,808	4,352	\$ 252,692	\$ 478,710	\$ 93,060	\$ 24,345	\$ 123,669	\$ 972,476
BA31	GMA4	3,552,040	2,664,030	133.20		31,968	0.03	0.89	0.38	15	2,969	Interceptor	7,992	12,388	\$ 719,288	\$ 1,362,651	\$ 668,025	\$ 76,784	\$ 412,495	\$ 3,239,243

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Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18	Col 19	Col 20
ID	Zoning	Full Area (SF)	Reduced Area (SF)	In Reduced Area	Flow (GPD) Reduced Lots	Flow (MGD)	FlowAccu (MGD)	Slope (ft per 100 ft)	Size (in)	Length (Ft)	Line Type	Collector Sewers Length (Ft)	Local Outfal Length (Ft)	Collector Assessment	Local Outfal Cost	Outfall/Interceptor Construction Cost	Easement Cost	Engineering	Total Sub-Basin \$
									2,335	gpm	Pump Station					\$ 1,446,000	\$ 25,000	\$ 216,900	\$ 1,687,900
									18	7,616	Force Main					\$ 2,056,320		\$ 308,448	\$ 2,364,768
Totals										77,447		165,705	388,710	\$ 21,821,638	\$42,758,075	\$ 13,003,485	\$ 2,355,784	\$ 11,637,480	\$ 91,576,463

	Lengths	Assessments	Easement/Land			Total
			Construction Cost	Cost	Engineering	All Costs
Collectors	165,705	\$ 21,821,638	\$ 21,821,638			\$ 21,821,638
Outfalls	61,741		\$ 6,815,640	\$ 308,705		\$ 7,124,345
Interceptors	15,706		\$ 2,685,525	\$ 78,530		\$ 2,764,055
Local Outfalls	388,710		\$ 42,758,075	\$ 1,943,549		\$ 44,701,624
Pump Station			\$ 1,446,000	\$ 25,000		\$ 1,471,000
Force Main	7,616		\$ 2,056,320			\$ 2,056,320
Engineering					\$ 11,637,480	\$ 11,637,480
Totals		\$ 21,821,638	\$ 77,583,199	\$ 2,355,784	\$ 11,637,480	\$ 91,576,463

38% of Assessment Cost \$ 8,292,223 Paid by CCUC to Town  
 Non-Assessable Cost \$ 69,754,824  
 % of CCUC Payment to Non-Assessable Costs 11.89%

Assessment Values are based on the number of lots served times frontage length per lot times \$45 assessment fee per frontage foot for each side of street.