

Ellison-3 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 Outfall Length (Ft)	Collector Assessment	Local Outfall Cost	Outfall/Interceptor Construction Cost	Easement Cost	Engineering	Total Sub-Basin \$	
E3_1	RS20s	7,884,930	7,884,930	394		177,744	0.18	0.18	2.3	8	7,077	Interceptor	23,655	29,568	\$ 2,128,931	\$ 3,252,534	\$ 849,240	\$ 183,227	\$ 934,606	\$ 7,348,538
E3_1a	RS20	3,617,830	3,617,830	181									10,853	13,567	\$ 976,814	\$ 1,492,355		\$ 67,834	\$ 370,375	\$ 2,907,379
E3_1b	RS9	1,518,270	1,518,270	76									3,037	3,796	\$ 273,289	\$ 417,524		\$ 18,978	\$ 103,622	\$ 813,413
E3_1c	IP	684,302	684,302	34									1,711	2,138	\$ 153,968	\$ 235,229		\$ 10,692	\$ 58,380	\$ 458,268
E3_1d	RS40	650,455	650,455	33									3,252	4,065	\$ 292,705	\$ 447,188		\$ 20,327	\$ 110,984	\$ 871,203
E3_2	RS20-S	4,503,310	4,503,310	225	127,850	0.13	0.13	2.1	8	6,994	Outfall	13,510	16,887	\$ 1,215,894	\$ 1,857,615	\$ 839,280	\$ 119,407	\$ 586,918	\$ 4,619,114	
E3_2a	LD2-S	352,030	352,030	18									880	1,100	\$ 79,207	\$ 121,010		\$ 5,500	\$ 30,033	\$ 235,750
E3_2b	HB	123,144	123,144	6									369	462	\$ 33,249	\$ 50,797		\$ 2,309	\$ 12,607	\$ 98,962
E3_2c	RS20	6,032,058	6,032,058	302									18,096	22,620	\$ 1,628,656	\$ 2,488,224		\$ 113,101	\$ 617,532	\$ 4,847,513
E3_3	RS20	1,817,400	1,817,400	91	23,301	0.02	0.02	3.2	8	2,176	Outfall	5,452	6,815	\$ 490,698	\$ 749,678	\$ 261,120	\$ 44,956	\$ 225,224	\$ 1,771,676	
E3_3a	RS20-S	121,383	121,383	6									364	455	\$ 32,773	\$ 50,070		\$ 2,276	\$ 12,427	\$ 97,546
E3_3b	HB-S	11,833	11,833	1									35	44	\$ 3,195	\$ 4,881		\$ 222	\$ 1,211	\$ 9,509
E3_4	RS20	3,364,380	3,364,380	168	42,982	0.04	0.04	3	8	636	Outfall	10,093	12,616	\$ 908,383	\$ 1,387,807	\$ 76,320	\$ 66,262	\$ 355,876	\$ 2,794,648	
E3_4a	HB-S	869,713	869,713	43									2,609	3,261	\$ 234,823	\$ 358,757		\$ 16,307	\$ 89,037	\$ 698,923
E3_5	RS20	2,599,280	2,599,280	130	31,191	0.03	0.03	5	8	1,700	Outfall	7,798	9,747	\$ 701,806	\$ 1,072,203	\$ 204,000	\$ 57,237	\$ 296,701	\$ 2,331,946	
E3_6	RS20	6,451,118	6,451,118	323	127,232	0.13	0.22	1.1	8	4,301	Outfall	19,353	24,192	\$ 1,741,802	\$ 2,661,086	\$ 516,120	\$ 142,463	\$ 737,851	\$ 5,799,323	
E3_6a	RS20-S	4,134,030	4,134,030	207									12,402	15,503	\$ 1,116,188	\$ 1,705,287		\$ 77,513	\$ 423,221	\$ 3,322,210
E3_6b	LB-S	70,112	70,112	4									175	219	\$ 15,775	\$ 24,101		\$ 1,095	\$ 5,981	\$ 46,953
E3_7	RS20	682,824	682,824	34	14,910	0.01	0.55	0.63	12	1,111	Interceptor	2,048	2,561	\$ 184,362	\$ 281,665	\$ 199,980	\$ 18,358	\$ 99,901	\$ 784,266	
E3_7a	RS20-S	559,639	559,639	28									1,679	2,099	\$ 151,103	\$ 230,851		\$ 10,493	\$ 57,293	\$ 449,740
E3_8	RS20	3,149,660	3,149,660	157	38,122	0.04	0.58	0.59	12	1,590	Interceptor	9,449	11,811	\$ 850,408	\$ 1,299,235	\$ 286,200	\$ 67,006	\$ 365,376	\$ 2,868,226	
E3_8a	RS20-S	27,132	27,132	1									81	102	\$ 7,326	\$ 11,192		\$ 509	\$ 2,778	\$ 21,804
E3_9	RS20	3,354,880	3,354,880	168	40,259	0.04	0.04	3.3	8	2,454	Outfall	10,065	12,581	\$ 905,818	\$ 1,383,888	\$ 294,480	\$ 75,174	\$ 387,628	\$ 3,046,987	
E3_10	RS20	6,328,320	6,328,320	316	105,600	0.11	0.80	0.62	12	4,335	Interceptor	18,985	23,731	\$ 1,708,646	\$ 2,610,432	\$ 780,300	\$ 140,331	\$ 764,907	\$ 6,004,616	
E3_10a	GMA4	3,295,530	2,471,648	124									7,415	9,269	\$ 667,345	\$ 1,019,555		\$ 46,343	\$ 253,035	\$ 1,986,278
E3_11	GMA4	1,922,670	1,442,003	72	33,839	0.03	0.03	3.2	8	1,940	Outfall	4,326	5,408	\$ 389,341	\$ 594,826	\$ 232,800	\$ 36,738	\$ 182,545	\$ 1,436,249	
E3_11a	LB	41,025	41,025	2									103	128	\$ 9,231	\$ 14,102		\$ 641	\$ 3,500	\$ 27,474
E3_11b	RS20	1,286,080	1,286,080	64									3,858	4,823	\$ 347,242	\$ 530,508		\$ 24,114	\$ 131,662	\$ 1,033,526
E3_11c	RS40	50,828	50,828	3									254	318	\$ 22,873	\$ 34,944		\$ 1,588	\$ 8,672	\$ 68,077
E3_12	GMA4	3,448,720	2,586,540	129	38,316	0.04	0.04	2.7	8	1,617	Outfall	7,760	9,700	\$ 698,366	\$ 1,066,948	\$ 194,040	\$ 56,583	\$ 293,903	\$ 2,309,839	
E3_12a	RS20	606,461	606,461	30									1,819	2,274	\$ 163,744	\$ 250,165		\$ 11,371	\$ 62,086	\$ 487,367
E3_13	RS20	2,209,530	2,209,530	110	26,514	0.03	0.03	1.1	8	2,317	Outfall	6,629	8,286	\$ 596,573	\$ 911,431	\$ 278,040	\$ 53,014	\$ 267,907	\$ 2,106,965	
E3_14	RS20	2,934,150	2,934,150	147	35,210	0.04	0.04	1.3	8	1,830	Outfall	8,802	11,003	\$ 792,221	\$ 1,210,337	\$ 219,600	\$ 64,165	\$ 333,324	\$ 2,619,646	
E3_15	RS20	2,036,590	2,036,590	102	24,607	0.02	0.02	4.2	8	1,000	Outfall	6,110	7,637	\$ 549,879	\$ 840,093	\$ 120,000	\$ 43,186	\$ 226,496	\$ 1,779,655	
E3_15a	AG	13,987	13,987	1									70	87	\$ 6,294	\$ 9,616		\$ 437	\$ 2,386	\$ 18,734
E3_16	RS20	4,319,710	4,319,710	216	52,645	0.05	0.11	2.1	8	5,499	Outfall	12,959	16,199	\$ 1,166,322	\$ 1,781,880	\$ 659,880	\$ 108,490	\$ 541,212	\$ 4,257,784	
E3_16a	AG	67,334	67,334	3									202	253	\$ 30,300	\$ 27,775		\$ 1,263	\$ 8,711	\$ 68,049
E3_17	GMA4	2,274,440	1,705,830	85	33,055	0.03	0.86	0.18	15	2,017	Interceptor	5,117	6,397	\$ 460,574	\$ 703,655	\$ 453,825	\$ 42,069	\$ 242,708	\$ 1,902,831	
E3_17a	RS20	720,319	720,319	36									2,161	2,701	\$ 194,486	\$ 297,132		\$ 13,506	\$ 73,743	\$ 578,866
E3_17b	AG	328,471	328,471	16									985	1,232	\$ 147,812	\$ 135,494		\$ 6,159	\$ 42,496	\$ 331,961
E3_18	GMA4	18,748,821	14,061,616	703	237,983	0.24	1.21	0.37	18	7,335	Interceptor	42,185	52,731	\$ 3,796,636	\$ 5,800,416	\$ 1,980,450	\$ 300,330	\$ 1,736,625	\$ 13,614,458	
E3_18a	RS20	5,770,310	5,770,310	289									17,311	21,639	\$ 1,557,984	\$ 2,380,253		\$ 108,193	\$ 590,735	\$ 4,637,165
E3_18b	RS20/GMA4	3,284,715	3,284,715	164	31,980	0.03		3.2					9,854	12,318	\$ 886,873	\$ 1,354,945		\$ 61,588	\$ 336,273	\$ 2,639,679
E3_19	GMA4	10,505,800	7,879,350	394	94,552	0.09	0.09	1.6	8	3,609	Outfall	23,638	29,548	\$ 2,127,425	\$ 3,250,232	\$ 433,080	\$ 165,783	\$ 871,610	\$ 6,848,130	
E3_20	GMA4	2,188,570	1,641,428	82	19,697	0.02	0.02	3.5	8	1,126	Outfall	4,924	6,155	\$ 443,185	\$ 677,089	\$ 135,120	\$ 36,407	\$ 188,309	\$ 1,480,110	
E3_21	GMA4	9,452,220	7,089,165	354	85,070	0.09	0.20	0.87	8	3,905	Outfall	21,267	26,584	\$ 1,914,075	\$ 2,924,281	\$ 468,600	\$ 152,447	\$ 796,043	\$ 6,255,445	
E3_22	GMA4	4,521,710	3,391,283	170	40,695	0.04	0.04	2.9	8	2,231	Outfall	10,174	12,717	\$ 915,646	\$ 1,398,904	\$ 267,720	\$ 74,742	\$ 387,341	\$ 3,044,352	
E3_23	GMA4	4,665,300	3,498,975	175	41,988	0.04	0.28	0.59	8	2,508	Outfall	10,497	13,121	\$ 944,723	\$ 1,443,327	\$ 300,960	\$ 78,146	\$ 403,352	\$ 3,170,508	
E3_24	GMA4	2,533,090	1,899,818	95	22,798	0.02	1.52	0.37	30	1,799	Interceptor	5,699	7,124	\$ 512,951	\$ 783,675	\$ 809,550	\$ 44,617	\$ 315,926	\$ 2,466,718	
									10,017	gpm	Pump Station					\$ 1,500,000	\$ 25,000	\$ 225,000	\$ 1,750,000	
									32	19,100	Force Main					\$ 286,500		\$ 42,975	\$ 329,475	
	Totals												390,074	487,593	\$ 35,177,915	\$ 53,635,191	\$ 12,647,205	\$ 2,818,498	\$ 15,219,047	\$ 119,497,856

Ellison-3 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	Flow (GPD) Reduced Lots	Flow (MGD)	FlowAccu (MGD)	Slope (ft per 100 ft)	Size (in)	Length (Ft)	Line Type	Collector Sewers Length (Ft)	Local Outfall Length (Ft)	Collector Assessment	Local Outfall Cost	Outfall/Interceptor Construction Cost	Easement Cost	Engineering	Total Sub-Basin \$

	Lengths	Assessments	Construction Cost	Easement/Land Cost	Engineering	Total All Costs
Collectors	390,074	\$ 35,177,915	\$ 35,177,915			\$ 35,177,915
Outfalls	45,843		\$ 5,501,160	\$ 229,215		\$ 5,730,375
Interceptors	25,264		\$ 5,359,545	\$ 126,320		\$ 5,485,865
Local Outfalls	487,593		\$ 53,635,191	\$ 2,437,963		\$ 56,073,154
Pump Station			\$ 1,500,000	\$ 25,000		\$ 1,525,000
Force Main	19,100		\$ 286,500			\$ 286,500
Engineering					\$ 15,219,047	\$ 15,219,047
Totals		\$35,177,915	\$ 101,460,312	\$ 2,818,498	\$ 15,219,047	\$ 119,497,856

38% of Assessment Cost \$13,367,608 Paid by CCUC to town
 Non-Assessable Cost \$84,319,941
 % of CCUC Payment to Non-Assessable Costs 15.85%

- Notes:
1. 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.
 2. If new developments are built by private developers, including collector sewer lines, assessments may not be collected.
 3. If collector sewer lines in new developments are not initially installed but are installed subsequently, assessments may be collected.