

**APPENDIX G: Opinion of Probable
Construction Costs for Recommended Flood
Mitigation Projects**

(new FMPs only)

Draft
Amended
Plan

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000007	033000008	033000016	033000030	033000031	033000032	033000033	033000036	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total study costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Construction-related (capital costs)	Design and Permitting	\$ 228,150	\$ 6,658,730	\$ 310,984	\$ -	\$ -	\$ -	\$ 653,500	\$ 739,350
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Temporary and/or permanent easements; land acquisition	\$ 80,000	\$ 765,099	\$ 462,600	\$ -	\$ -	\$ -	\$ -	\$ -
		Mitigation; utility relocation	\$ -	\$ 8,991,584	\$ -	\$ -	\$ -	\$ -	\$ 110,000	\$ 660,500
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Direct construction costs of components/facilities	\$ 1,103,371	\$ 44,336,619	\$ 1,180,640	\$ 28,344,903	\$ 78,295,003	\$ 37,117,088	\$ 2,619,393	\$ 2,811,829
		Buyouts; property elevations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Interest during construction	\$ 94,707	\$ 11,022,066	\$ 130,834	\$ 2,052,140	\$ 5,668,473	\$ 3,388,912	\$ 224,046	\$ 280,078
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Contingency(s)	\$ 338,106	\$ 12,709,096	\$ 476,640	\$ -	\$ -	\$ -	\$ 779,826	\$ 992,094	
Total construction costs		\$ 1,854,334	\$ 84,483,194	\$ 2,561,698	\$ 30,397,043	\$ 83,963,476	\$ 40,506,000	\$ 4,386,765	\$ 5,483,851	
TOTAL PROJECT COSTS		\$ 1,854,334	\$ 84,483,194	\$ 2,561,698	\$ 30,397,043	\$ 83,963,476	\$ 40,506,000	\$ 4,386,765	\$ 5,483,851	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 1,868,000	\$ 80,066,000	\$ 2,601,000	\$ 26,528,000	\$ 73,277,000	\$ 35,353,000	\$ 4,560,000	\$ 5,701,000	
Recurring	Debt service [interest rate & term (years)]	\$ 94,517	\$ 4,050,167	\$ 131,563	\$ 1,341,939	\$ 3,706,738	\$ 1,788,341	\$ 230,675	\$ 288,364	
	Operation & Maintenance	\$ 1,868	\$ 80,066	\$ 2,601	\$ 26,528	\$ 73,277	\$ 35,353	\$ 4,560	\$ 5,701	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 96,000	\$ 4,130,000	\$ 134,000	\$ 1,368,000	\$ 3,780,000	\$ 1,824,000	\$ 235,000	\$ 294,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000037	033000038	033000039	033000040	033000041	033000042	033000043	033000044	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Total study costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Design and Permitting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Temporary and/or permanent easements; land acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Mitigation; utility relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Direct construction costs of components/facilities	\$ 870,000	\$ 560,000	\$ 680,000	\$ 1,330,000	\$ 690,000	\$ 1,340,000	\$ 460,000	\$ 1,195,000
		Buyouts; property elevations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Interest during construction	\$ 30,943	\$ 19,917	\$ 24,186	\$ 71,583	\$ 24,541	\$ 72,122	\$ 16,361	\$ 64,317
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Contingency(s)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total construction costs	\$ 900,943	\$ 579,917	\$ 704,186	\$ 1,401,583	\$ 714,541	\$ 1,412,122	\$ 476,361	\$ 1,259,317	
TOTAL PROJECT COSTS		\$ 900,943	\$ 579,917	\$ 704,186	\$ 1,401,583	\$ 714,541	\$ 1,412,122	\$ 476,361	\$ 1,259,317	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 965,000	\$ 622,000	\$ 755,000	\$ 1,502,000	\$ 766,000	\$ 1,513,000	\$ 511,000	\$ 1,349,000	
Recurring	Debt service [interest rate & term (years)]	\$ 48,811	\$ 31,418	\$ 38,151	\$ 75,934	\$ 38,712	\$ 76,505	\$ 25,808	\$ 68,226	
	Operation & Maintenance	\$ 965	\$ 621	\$ 754	\$ 1,501	\$ 765	\$ 1,512	\$ 510	\$ 1,349	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 50,000	\$ 32,000	\$ 39,000	\$ 77,000	\$ 39,000	\$ 78,000	\$ 26,000	\$ 70,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000045	033000062	033000063	033000064	033000065	033000067	033000068	033000069	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Total study costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Design and Permitting	\$ -	\$ 4,155,000	\$ 4,592,000	\$ 4,614,000	\$ 76,828	\$ 395,000	\$ -	\$ 215,000
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Temporary and/or permanent easements; land acquisition	\$ -	\$ 608,250	\$ 608,250	\$ 608,250	\$ -	\$ -	\$ -	\$ -
		Mitigation; utility relocation	\$ -	\$ 1,403,000	\$ 1,560,000	\$ 1,568,000	\$ -	\$ 263,047	\$ -	\$ 50,230
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Direct construction costs of components/facilities	\$ 1,785,000	\$ 17,125,311	\$ 18,836,311	\$ 18,922,071	\$ 223,500	\$ 2,630,470	\$ 8,305,931	\$ 5,593,970
		Buyouts; property elevations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,256,000
		Interest during construction	\$ 96,072	\$ 2,612,786	\$ 3,479,999	\$ 3,495,891	\$ 13,663	\$ 233,857	\$ 447,042	\$ 578,625
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 263,048	\$ -	\$ 1,636,900
	Contingency(s)	\$ -	\$ 5,325,000	\$ 5,885,000	\$ 5,913,000	\$ 83,813	\$ 793,436	\$ -	\$ 1,998,600	
	Total construction costs	\$ 1,881,072	\$ 31,229,347	\$ 34,961,560	\$ 35,121,212	\$ 397,804	\$ 4,578,858	\$ 8,752,973	\$ 11,329,325	
TOTAL PROJECT COSTS		\$ 1,881,072	\$ 31,229,347	\$ 34,961,560	\$ 35,121,212	\$ 397,804	\$ 4,578,858	\$ 8,752,973	\$ 11,329,325	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 2,015,000	\$ 27,272,000	\$ 30,531,000	\$ 30,671,000	\$ 367,000	\$ 4,225,000	\$ 7,639,000	\$ 9,365,000	
Recurring	Debt service [interest rate & term (years)]	\$ 101,911	\$ 1,379,530	\$ 1,544,397	\$ 1,551,450	\$ 18,560	\$ 213,689	\$ 386,444	\$ 473,755	
	Operation & Maintenance	\$ 2,015	\$ 27,271	\$ 30,531	\$ 30,670	\$ 367	\$ 4,224	\$ 7,639	\$ 9,365	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 104,000	\$ 1,407,000	\$ 1,575,000	\$ 1,582,000	\$ 19,000	\$ 218,000	\$ 394,000	\$ 483,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000070	033000071	033000072	033000073	033000074	033000075	033000077	033000078	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Total study costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Design and Permitting	\$ -	\$ 300,000	\$ 460,000	\$ 597,000	\$ -	\$ 60,301	\$ 178,000	\$ -
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Temporary and/or permanent easements; land acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Mitigation; utility relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,698	\$ -
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Direct construction costs of components/facilities	\$ 22,090,524	\$ 2,613,751	\$ 994,450	\$ 3,307,610	\$ 84,408,888	\$ 179,500	\$ 1,186,980	\$ 15,420,789
		Buyouts; property elevations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Interest during construction	\$ 2,016,937	\$ 184,959	\$ 99,756	\$ 245,784	\$ 12,664,662	\$ 10,724	\$ 105,384	\$ 1,116,448
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 118,698	\$ -
	Contingency(s)	\$ -	\$ 522,750	\$ 399,000	\$ 662,000	\$ -	\$ 61,704	\$ 355,624	\$ -	
	Total construction costs	\$ 24,107,461	\$ 3,621,461	\$ 1,953,206	\$ 4,812,394	\$ 97,073,550	\$ 312,229	\$ 2,063,384	\$ 16,537,237	
TOTAL PROJECT COSTS		\$ 24,107,461	\$ 3,621,461	\$ 1,953,206	\$ 4,812,394	\$ 97,073,550	\$ 312,229	\$ 2,063,384	\$ 16,537,237	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 24,234,000	\$ 3,860,000	\$ 1,705,000	\$ 4,939,000	\$ 84,725,000	\$ 273,000	\$ 1,904,000	\$ 14,433,000	
Recurring	Debt service [interest rate & term (years)]	\$ 1,225,875	\$ 195,247	\$ 86,234	\$ 249,800	\$ 4,285,801	\$ 13,785	\$ 96,295	\$ 730,120	
	Operation & Maintenance	\$ 24,234	\$ 38,598	\$ 17,047	\$ 4,938	\$ 84,725	\$ 273	\$ 1,904	\$ 14,433	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 1,250,000	\$ 234,000	\$ 103,000	\$ 255,000	\$ 4,371,000	\$ 14,000	\$ 98,000	\$ 745,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000079	033000081	033000082	033000083	033000084	033000085	033000086	033000087	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Total study costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Design and Permitting	\$ -	\$ 131,652	\$ -	\$ 21,000	\$ -	\$ 1,085,077	\$ -	\$ -
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000	\$ -	\$ -
		Temporary and/or permanent easements; land acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Mitigation; utility relocation	\$ -	\$ 500,000	\$ -	\$ 14,185	\$ -	\$ -	\$ -	\$ -
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Direct construction costs of components/facilities	\$ 14,700,000	\$ 816,524	\$ 10,235,172	\$ 141,850	\$ 1,364,541	\$ 9,042,305	\$ 636,247	\$ -
		Buyouts; property elevations	\$ -	\$ 6,750,000	\$ -	\$ -	\$ -	\$ 1,390,000	\$ -	\$ 5,572,896
		Interest during construction	\$ 1,064,264	\$ 691,278	\$ 889,252	\$ 8,216	\$ 73,442	\$ 991,574	\$ 31,130	\$ 359,934
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ 1,350,000	\$ -	\$ 14,186	\$ -	\$ 235,000	\$ 93,000	\$ -
	Contingency(s)	\$ -	\$ -	\$ 2,047,500	\$ 39,780	\$ -	\$ 1,878,595	\$ 146,000	\$ 1,114,579	
	Total construction costs	\$ 15,764,264	\$ 10,239,454	\$ 13,171,924	\$ 239,217	\$ 1,437,983	\$ 14,687,550	\$ 906,377	\$ 7,047,409	
TOTAL PROJECT COSTS		\$ 15,764,264	\$ 10,239,454	\$ 13,171,924	\$ 239,217	\$ 1,437,983	\$ 14,687,550	\$ 906,377	\$ 7,047,409	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 15,497,000	\$ 10,346,000	\$ 11,500,000	\$ 221,000	\$ 1,255,000	\$ 15,063,000	\$ 792,000	\$ 7,675,000	
Recurring	Debt service [interest rate & term (years)]	\$ 783,871	\$ 523,334	\$ 581,716	\$ 11,164	\$ 63,487	\$ 761,922	\$ 40,029	\$ 388,230	
	Operation & Maintenance	\$ 15,496	\$ 10,346	\$ 11,500	\$ 221	\$ 1,255	\$ 15,062	\$ 791	\$ 7,675	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 799,000	\$ 534,000	\$ 593,000	\$ 11,000	\$ 65,000	\$ 777,000	\$ 41,000	\$ 396,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000088	033000089	033000090	033000091	033000092	033000094	033000095	033000096	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Total study costs		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Construction-related (capital costs)	Design and Permitting	\$ -	\$ -	\$ 246,906	\$ -	\$ 59,700	\$ -	\$ 1,334,400	\$ -
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Temporary and/or permanent easements; land acquisition	\$ -	\$ -	\$ -	\$ -	\$ 17,770	\$ -	\$ -	\$ -
		Mitigation; utility relocation	\$ -	\$ -	\$ -	\$ -	\$ 338,152	\$ -	\$ -	\$ -
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Direct construction costs of components/facilities	\$ 2,395,608	\$ -	\$ 1,419,300	\$ 10,810,000	\$ 14,239,885	\$ 1,958,391	\$ 6,842,578	\$ 1,532,375
		Buyouts; property elevations	\$ -	\$ 23,195,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Interest during construction	\$ 154,744	\$ -	\$ 123,377	\$ 782,632	\$ 2,275,663	\$ 105,405	\$ 740,625	\$ 82,476
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ 50,000	\$ -	\$ 6,643,334	\$ -	\$ -	\$ -
	Contingency(s)	\$ 479,500	\$ 4,589,240	\$ 576,114	\$ -	\$ 3,625,385	\$ -	\$ 2,052,800	\$ -	
Total construction costs		\$ 3,029,852	\$ 27,784,240	\$ 2,415,697	\$ 11,592,632	\$ 27,199,889	\$ 2,063,796	\$ 10,970,403	\$ 1,614,851	
TOTAL PROJECT COSTS		\$ 3,029,852	\$ 27,784,240	\$ 2,415,697	\$ 11,592,632	\$ 27,199,889	\$ 2,063,796	\$ 10,970,403	\$ 1,614,851	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 2,646,000	\$ 30,258,000	\$ 2,441,000	\$ 10,696,000	\$ 27,350,000	\$ 2,737,000	\$ 11,048,000	\$ 1,410,000	
Recurring	Debt service [interest rate & term (years)]	\$ 133,808	\$ 1,530,588	\$ 123,465	\$ 541,013	\$ 1,383,489	\$ 138,446	\$ 558,876	\$ 71,296	
	Operation & Maintenance	\$ 2,645	\$ 30,258	\$ 2,441	\$ 10,695	\$ 27,350	\$ 2,737	\$ 11,048	\$ 1,409	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 136,000	\$ 1,561,000	\$ 126,000	\$ 552,000	\$ 1,411,000	\$ 141,000	\$ 570,000	\$ 73,000	

Detailed Opinion of Probable Construction Costs (OPCC) for Recommended FMPs

FMP		033000097	033000098	033000100	033000101	033000107	033000108	033000109	033000110	
Non-recurring	Study costs and other (non-capital costs)	Non-engineering studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Engineering/technical/feasibility studies:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Surveying; geotechnical; testing	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Total study costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Design and Permitting	\$ 150,000	\$ -	\$ 390,000	\$ 1,600,000	\$ -	\$ -	\$ -	
	Construction-related (capital costs)	Environmental; archaeological & historical resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Temporary and/or permanent easements; land acquisition	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Mitigation; utility relocation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Legal assistance; fiscal services & costs (bond counsel); outreach	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		Direct construction costs of components/facilities	\$ 12,082,675	\$ 3,624,000	\$ 2,950,000	\$ 12,190,000	\$ 8,697,000	\$ 5,204,000	\$ 7,305,000	\$ 8,755,000
		Buyouts; property elevations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Interest during construction	\$ 1,235,609	\$ 195,051	\$ 227,667	\$ 1,174,890	\$ 468,090	\$ 280,090	\$ 393,170	\$ 471,212
		Project management (by engineer)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Inspection; pilot testing; warranty; manuals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		other special services or relevant costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Contingency(s)	\$ 4,834,000	\$ -	\$ 890,000	\$ 2,438,000	\$ -	\$ -	\$ -	\$ -	
	Total construction costs	\$ 18,302,284	\$ 3,819,051	\$ 4,457,667	\$ 17,402,890	\$ 9,165,090	\$ 5,484,090	\$ 7,698,170	\$ 9,226,212	
TOTAL PROJECT COSTS		\$ 18,302,284	\$ 3,819,051	\$ 4,457,667	\$ 17,402,890	\$ 9,165,090	\$ 5,484,090	\$ 7,698,170	\$ 9,226,212	
TOTAL PROJECT COST ADJUSTED TO SEPTEMBER 2020		\$ 15,973,000	\$ 3,319,000	\$ 4,504,000	\$ 15,197,000	\$ 7,966,000	\$ 4,767,000	\$ 6,691,000	\$ 8,019,000	
Recurring	Debt service [interest rate & term (years)]	\$ 807,991	\$ 167,916	\$ 227,829	\$ 768,758	\$ 402,971	\$ 241,125	\$ 338,473	\$ 405,658	
	Operation & Maintenance	\$ 15,973	\$ 3,319	\$ 4,504	\$ 15,197	\$ 7,966	\$ 4,767	\$ 6,691	\$ 8,019	
	Other (i.e., public awareness campaign)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL ANNUAL RECURRING COSTS		\$ 824,000	\$ 171,000	\$ 232,000	\$ 784,000	\$ 411,000	\$ 246,000	\$ 345,000	\$ 414,000	