



SECTION 6: CAPITAL IMPROVEMENT PLAN



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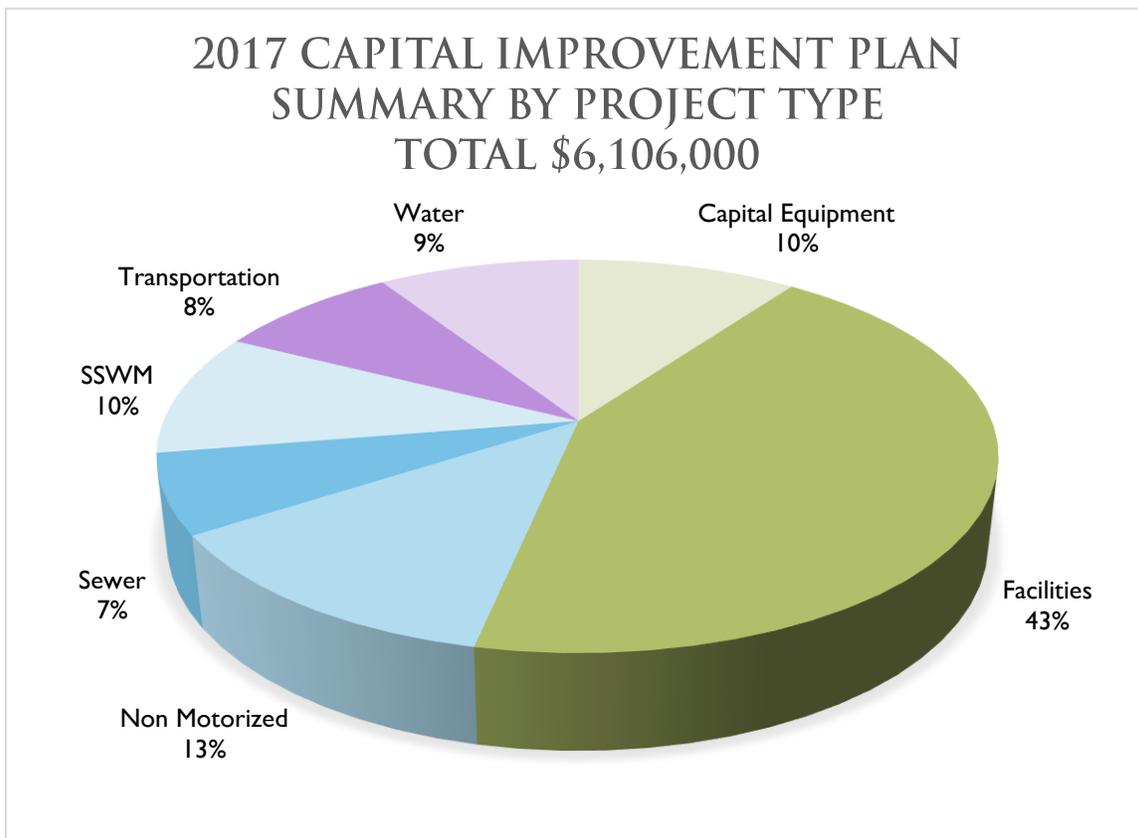
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CAPITAL IMPROVEMENT PLAN SUMMARY

The Capital Improvement Plan (CIP) represents an important element in the city’s long-range and strategic planning. The CIP is a multi-year planning tool used to identify needed capital projects for improvements to the City’s owned and operated infrastructure and to coordinate the financing and timing of these improvements. The CIP document is a roadmap for the next six years, and is strategically implemented to address the City’s six key priorities; safe city, green well-planned community, reliable infrastructure and connected mobility, healthy and attractive community, vibrant economy, and good governance.

Capital asset is defined as real or personal property that has a unit acquisition cost equal to or greater than \$5,000 and an estimated useful life of one year or greater. Projects and assets that do not meet both of these requirements shall be considered operating expenses and included in the operating budget. Major repairs will be capitalized only if they increase the value, extend the useful life beyond the original estimate, or increase the capacity, capability or efficiency of the existing capital asset.

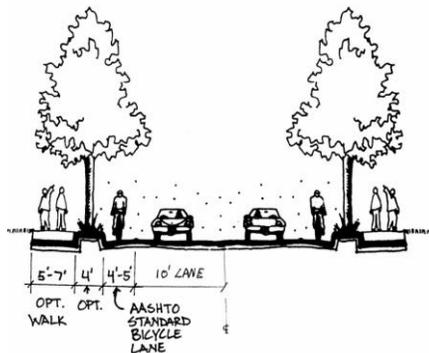
Fiscal year 2017 capital improvements are incorporated into the 2017 – 2018 Biennium Budget. The following pages organize each project by project type, such as: transportation, non-motorized, fleet & capital equipment, facilities, water, sewer or stormwater. For each section, a “Level One” sheet lists the project, estimated costs, and whether or not the project has potential grant funding. For capital projects that have spending authority this biennium, there is an additional “Level Two” sheet describing the project, its benefits, estimated schedule, funding sources and uses, and estimates the on-going annual impact on the operating budget.



*City of Bainbridge Island
Transportation CIP (2017 - 2022)
2017 - 2018 Proposed Budget*

Project	Location	Grant Eligible		Grant Funds	General Comp	Strts Component	Wtr Component	Swr Component	SSWM Comp	Prior Years	2017	2018	2019	2020	2021	2022	2023 - 2036
		Grant Awarded	Grant Awarded														
TRANSPORTATION PROJECTS - 6-YEAR CIP																	
Wyatt Way Reconstr. Ph I	Madison - Lovell	X	X	2,516		Y				1,600	-	2,100	-	-	-	-	-
Sportsman Club/New Brooklyn	Intersection Imprv.	X		155		Y				-	-	180	820	-	-	-	-
Wardwell Rd Recon & Drain	Wardwell Rd			-		Y		Y		-	510	-	-	-	-	-	-
Country Club Rd Recon & Drain	Pst Toe Jam to Seawall			-		Y				-	-	-	25	250	-	-	-
Manitou Beach Rd Stabilization	Murden Cove - Falk			-		Y				-	-	-	-	50	500	-	-
Manitou Beach Rd Stabilization	Falk to Skiff			-		Y				-	-	-	-	-	50	500	-
City Funding										512	510	697	845	300	550	500	-
Grant Totals										1,088	-	1,583	-	-	-	-	-
TOTALS										1,600	510	2,280	845	300	550	500	-

Project Description



Description: Capacity (level of service) improvements to the intersection of Madison and Wyatt. Possibilities include round about or signalized intersection. Complete sidewalk and bicycle facilities on both sides of the street from Madison to Lovell. Reconstruct roadway surfacing and drainage. Additional right of way needed along frontage. Design 50% completed in 2006. State (TIB) grant funding received 2015.

Benefit: Relieve current and future intersection congestion and ensure mobility by implementing improvements prior to development. Address a gap in non-motorized facilities to improve mobility and safety. Support businesses and employment in the downtown area.

Schedule: YR1/2 Design, ROW & Permitting, YR3 Construction

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$512	\$0	\$672	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$1,088	\$0	\$1,428	\$0	\$0	\$0	\$0	\$0
Sub-total	\$1,600	\$0	\$2,100	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting	\$1,600							
Construction			\$2,100					
Sub-total	\$1,600	\$0	\$2,100	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

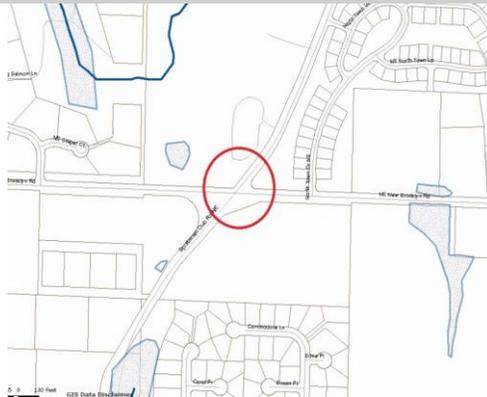
	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-total	\$10	\$0	\$13	\$0	\$0	\$0	\$0	\$0

Project: Sportsman's Club Road and New Brooklyn Road

Number: 00715

Location: Intersection Improvements

Project Description



Description: Capacity (level of service) improvements at intersection. Level of service C from 2004 study. Since that time the Sakai and Woodward schools have changed schedules resulting in impacts to the intersection. A roundabout is proposed. Estimated schedule and costs assume a right-of-way donation by the School District.

Benefit: Relieve current and future congestion.

Schedule: YR1 Design and Permitting. YR2 Construction.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$530	\$0	\$0	\$0	\$0
Trans. Impact Fees	\$0	\$0	\$25	\$290	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$155	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$0	\$180	\$820	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting			\$180					
Construction				\$820				
Sub-total	\$0	\$0	\$180	\$820	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

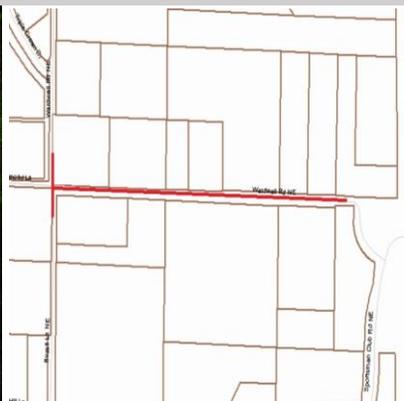
	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-total	\$0	\$0	\$0	\$11	\$0	\$0	\$0	\$0

Project: Wardwell Road Reconstruction Project & Drain Improvements

Number: 00662

Location: Short of Sportsman's Club to Triple Crown

Project Description



Description: Provides for roadway surfacing reconstruction and storm drainage improvements. The City completed design in 2014 with funds received from a DOE grant for water quality improvements. The City plans to apply for grant funding for the water quality related elements of the project in 2015. The culvert replacement at Woodward Creek listed separately may be combined with this project. Temporary construction easements may be needed.

Benefit: Provides for surfacing repairs. Currently the roadway lacks conveyances. The project provides for the construction of the conveyance system for the roadway to reduce ponding and improve water quality. Currently the Woodward Creek culvert overtops during storm events and does not provide for fish passage. The Grant allows the City to comprehensively address road repair and stormwater drainage at a reduced cost.

Schedule: Design to be completed in 2014/2015. Construction in 2017.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$510	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$245	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$755	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$755						
Sub-total	\$0	\$755	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$0

*City of Bainbridge Island
Non-Motorized Transportation CIP (2017 - 2022)
2017 - 2018 Proposed Budget*

Project	Location	Grant Eligible	Grant Awarded	Grant Funds	General Comp	Sturts Comp	Wtr Comp	Swr Comp	SSWM Comp	Prior Years	2017	2018	2019	2020	2021	2022	2023 - 2036
NON-MOTORIZED PROJECTS - 6-YEAR CIP																	
SR305/Olympic Drive NM	Harbor Dr. to Winslow Way	X	X	644	Y	Y				1,301	-	-	-	-	-	-	-
SR305/Olympic Drive NM Ph 2	Harbor Dr. to Winslow Way	X		685	Y					-	-	-	220	720	-	-	-
Sound to Olympic Trail Ph 2	Winslow W. to High School	X	X	1,254	Y					1,450	-	-	-	-	-	-	-
Sound to Olympics Trail Ph 3	STO Trail to Ericksen Ave.	X	X	2,092	Y					-	640	-	2,500	-	-	-	-
Sound to Olympics Trail Ph 4	Vineyard Ln to High School Rd	X	X	692	Y					800	-	-	-	-	-	-	-
Wing Point Way Non Motorized	Ferncliff to Park	X	X	1,330	Y	Y	Y			1,543	-	-	-	-	-	-	-
Waterfront Trail Bridge Replacement	Waterfront Park			-	Y	Y	Y			-	-	-	-	-	80	400	-
Madison Avenue Sidewalk Impr.	Wyatt to High School	X		1,450	Y					-	-	-	-	-	270	1,410	-
High School Road Safety Impr.	SR305 to Grow			-	Y					-	-	-	-	160	-	-	-
Connecting Pathways				-	Y					-	25	25	25	25	25	25	-
C40 - Spot Projects				-	Y					-	50	50	50	50	50	50	-
C40 - Miller Bay Road	Tolo to Pederson Hill	X	X	751	Y					150	30	920	-	-	-	-	-
C40 - Bucklin Ph 2	Blakely - Fletcher Bay	X		-	Y					47	-	-	-	600	600	-	-
C40 - Eagle Harbor - Ph I	Wyatt - Past Bucklin	X		-	Y			Y		-	-	-	90	-	-	400	400
C40 - Fletcher Bay Road	New Brooklyn to HS Rd	X	X	389	Y					-	20	500	-	-	-	-	-
City Project Funding										1,242	739	510	731	932	795	1,065	400
Grant Totals										4,049	26	985	2,154	623	230	1,220	-
TOTALS										5,291	765	1,495	2,885	1,555	1,025	2,285	400

Project: Sound to Olympics Trail, Phase 3

Number: 00726

Location: Connecting Wing Point Way to Wyatt Way

Project Description



Description: Separated grade crossing to connect Ericksen Avenue near Wyatt to the STO trail near Vineyard. Application submitted for Pedestrian Bicycle Program Grant for design but not approved. Right-of-way Acquisition may be needed depending on location and configuration.

Benefit: Non motorized level of service improvement, safety enhancement

Schedule: Pursue grants to begin design in 2017.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$640	\$0	\$408	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$2,092	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$640	\$0	\$2,500	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$640		\$2,500				
Sub-total	\$0	\$640	\$0	\$2,500	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$13	\$0	\$8	\$0	\$0	\$0	\$0

Project: Connecting Pathways

Number: 00673

Location: Various Locations

Project Description



Description: Annual funding to address trail opportunities such as easements and construction. Potential projects include Bucklin Hill trail near Hyla School, Sportsman’s Club Spine Trail (near Sportsman’s Club), Sportsman’s Club Spine Trail (north of Sakai School), Lost Valley starting at Carmela and on City parcel, Cave connector to STO trail, Woodward School (Sportsman’s to Wardwell) and Central Connecting Path Spine Trail (Wardwell to Koura)

Benefit: Safety and Non Motorized Transportation Connectivity.

Schedule: As opportunities arise

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$25	\$25	\$25	\$25	\$25	\$25	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$25	\$25	\$25	\$25	\$25	\$25	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$25	\$25	\$25	\$25	\$25	\$25	
Sub-total	\$0	\$25	\$25	\$25	\$25	\$25	\$25	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

on to Public Art Account

2% Contribution to Public Art Account

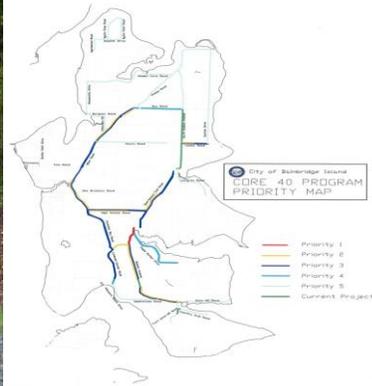
	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$1	\$1	\$1	\$1	\$1	\$1	\$0

Project: C40 - Annual Spot Projects

Number: 00218

Location: Various Locations

Project Description



Description: Add on to the Annual Roads Preservation Program to fund shoulder repairs and infill missing short segments. Potential projects include Wyatt (Weaver to Finch), Eagle Harbor (blind curve near McDonald), Finch (Wyatt to Sportsman's), and Fletcher Bay (blind curve near Island Center Hall).

Benefit: Safety and Non Motorized Transportation Connectivity.

Schedule: Constructed annually.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$50	\$50	\$50	\$50	\$50	\$50	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$50	\$50	\$50	\$50	\$50	\$50	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$50	\$50	\$50	\$50	\$50	\$50	
Sub-total	\$0	\$50	\$50	\$50	\$50	\$50	\$50	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$1	\$1	\$1	\$1	\$1	\$1	\$0

Project: C40 Miller Road

Number: 00800

Location: Tolo Rd. to Peterson Hill Rd.

Project Description



Description: Provide shoulder widening on both sides of Miller Road from Tolo Road to Miller Road. Assumes that no permanent ROW acquisition is needed.

Benefit: Safety and Non Motorized Transportation Connectivity.

Schedule: Yr1 and Yr2 Design & Permit. Yr3; Construct.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$21	\$4	\$324	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$129	\$26	\$596	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$150	\$30	\$920	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting	\$150	\$30						
Construction			\$920					
Sub-total	\$150	\$30	\$920	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

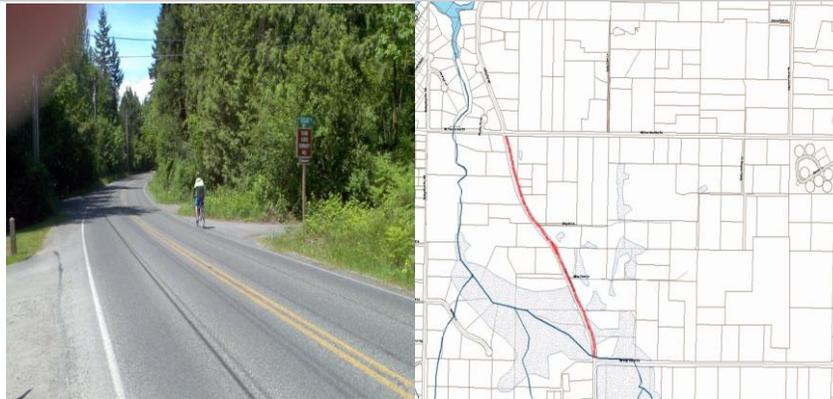
	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$0	\$6	\$0	\$0	\$0	\$0	\$0

Project: C40 Fletcher Bay Road

Number: 00780

Location: High School to New Brooklyn

Project Description



Description: Provide shoulder widening on both sides of Fletcher Bay Road from Blakely High School Road to New Brooklyn Road. The project is planned to be designed by COBI staff. Assumes that no permanent ROW acquisition is needed.

Benefit: Safety and Non Motorized Transportation Connectivity.

Schedule: Yr1; Design & Permit. Yr2; Construct.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$20	\$111	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$389	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$20	\$500	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$20						
Construction			\$500					
Sub-total	\$0	\$20	\$500	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$0	\$2	\$0	\$0	\$0	\$0	\$0

*City of Bainbridge Island
FLEET and EQUIPMENT CIP (2017 - 2022)
2017 - 2018 Proposed Budget*

Project	Grant Eligible	Grant Awarded	General Comp	Strts Component	Wtr Component	Swr Component	SSWM Comp	2017	2018	2019	2020	2021	2022	2023 - 2034
FLEET & EQUIPMENT - 6-YEAR CIP														
Police Vehicles (3)			180					180	189	198	208	219	230	-
SUV			9	7	7	7	7	37	-	-	-	-	-	-
SUV			9	7	7	7	7	37	-	-	-	-	-	-
Medium Duty Pickup Truck			19	18				37	-	-	-	-	-	-
Light Duty Pick Up (2)			50	8	8	8	8	82	-	-	-	-	-	-
Medium Duty Pickup Truck			11	11	11	11	11	55	-	-	-	-	-	-
Small Sander Attachment				13				13	-	-	-	-	-	-
Data Storage (SAN) System Replacement			15					15	-	-	-	-	-	-
ISP/Internet Redundant Route			20					20	-	-	-	-	-	-
Tire Changer / Balancer			20					20	-	-	-	-	-	-
AM Radio Emergency			100					100	-	-	-	-	-	-
Roadside Mower				158			39	-	197	-	-	-	-	-
Medium Duty Pickup Truck (2)			11	46		39		-	96	-	-	-	-	-
SUV			11	7	7	7	7	-	39	-	-	-	-	-
Commercial Lawn Mower			15					-	15	-	-	-	-	-
Broom Sweeper				80				-	-	80	-	-	-	-
Heavy Duty Trailer				16				-	-	16	-	-	-	-
Chipper				80				-	-	80	-	-	-	-
Van					44		11	-	-	55	-	-	-	-
PUP Trailer				29			29	-	-	58	-	-	-	-
Dump Truck Cab/Chassis				116			116	-	-	232	-	-	-	-
Light Duty Pick Up			10	9	9	9	9	-	-	46	-	-	-	-
SUV			9		16		16	-	-	41	-	-	-	-
Police Boat			69					-	-	69	-	-	-	-
Heavy Duty Pickup			17	68				-	-	-	85	-	-	-
Van					13	52		-	-	-	65	-	-	-
Medium Duty Pickup Truck					50	13		-	-	-	63	-	-	-
Light Duty Pick Up				49				-	-	-	49	-	-	-
Backhoe				160				-	-	-	-	160	-	-
Medium Duty Pickup Truck (2)			22	86	20	20	20	-	-	-	-	168	-	-
Police Motorcycles (2)			52					-	-	-	-	52	-	-
Light Duty Pick Up (2)			64	11	11	11	11	-	-	-	-	-	108	-
Road Grader				665				-	-	-	-	-	665	-
Fork Lift			10	11	11	11	11	-	-	-	-	-	54	-
Police Boat Trailer			20					-	-	-	-	-	20	-
Data Storage (SAN) System Replacement			20					-	-	-	-	-	20	-
TOTALS								596	536	875	470	599	1,097	

Amounts in thousands

*City of Bainbridge Island
Facilities CIP (2017- 2022)
2017-2018 Proposed Budget*

Project	Location	Grant Eligible	Grant Awarded	Grant Funds	General Comp	Strts Component	Wtr Component	Swr Component	SSWM Comp	Prior	2017	2018	2019	2020	2021	2022	2023 - 2034
										Years							
FACILITIES PROJECTS - 6-YEAR CIP																	
Waterfront Park Phase I Impr.	Waterfront Park	x	x	500	Y					1,959	-	-	-	-	-	-	-
City Dock Impr.	Waterfront Park	x	x	1,100	Y					2,067	-	-	-	-	-	-	-
Public Safety Facility	Police Station/Court			-	Y					500	2,600	8,000	-	-	-	-	-
Downtown Parking Facility	Winslow			-	Y					-	TBD	TBD	-	-	-	-	-
Road End Improvements	Island Wide			-	Y					150	-	-	-	-	-	-	-
Fueling System Design/Upgrade	Public Works Facility			-	Y					-	20	70	-	-	-	-	-
Backup HVAC Unit	Server Room			-						-	25	-	-	-	-	-	-
City Total										3,076	2,645	8,070	-	-	-	-	-
Grant Totals										1,600	-	-	-	-	-	-	-
TOTALS										4,676	2,645	8,070	-	-	-	-	-

Project: Law and Justice Center

Number: 00724

Location: TBD

Project Description



Description: This project provides for a replacement Police Station and relocated Municipal Court

Benefit: Replacement Police facility will provide adequate space for current and future departmental needs, while correcting numerous space, structural, and security deficiencies in the current facility. New Court facility will replace existing leased space, which marginally meets current requirements and will allow operational efficiencies by being co-located with the City Hall and Police Station municipal complex.

Schedule: Design beginning in 2015; Construction in 2018

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$500	\$2,600	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Long-Term Debt	\$0	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0
Sub-total	\$500	\$2,600	\$8,000	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/Land Acquisition	\$500	\$2,600	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$8,000	\$0	\$0	\$0	\$0	\$0
Sub-total	\$500	\$2,600	\$8,000	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total								

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$10	\$52	\$0	\$0	\$0	\$0	\$0	\$0

Project: Fueling System Design/Upgrade

Number: 00811

Location: Public Works Facility

Project Description

Description: Design and construction of capacity improvements to the fuel system at the Public Works facility.

Benefit: Upgrades to system will allow better service to users, including City police. In addition, system is a part of the City emergency management reserve, allowing continuing service in emergency situations.

Schedule: Design in 2017 and construction in 2018.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$20	\$70	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$20	\$70	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting	\$0	\$20	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$70	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$20	\$70	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total								

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-total	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$0

Project: Backup HVAC Unit

Number: 00813

Location: Server Room

Project Description

Description: The City Hall HVAC system upgrade project is based on the recommendation of the city’s current HVAC service provider, Air Management Systems Inc. The City Hall is served by 21 individual heat pumps. The heat pumps are currently 13 years old and have an estimated life expectancy of 12 – 15 years. The heat pump that serves the Information Technology room will be replaced in 2017.

Benefit: Systems reliability.

Schedule: Construct 2017

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$25	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$25	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total								

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-total	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0

*City of Bainbridge Island
Water CIP (2017- 2022)
2017-2018 Proposed Budget*

Project	Location	Grant Eligible	Grant Awarded	Grant Funds	General Comp	Strts Comp	Wtr Comp	Swr Comp	SSWM Comp	Prior Years	2017	2018	2019	2020	2021	2022	2023 - 2034
WATER PROJECTS - 6-YEAR CIP																	
Water Line Replacement	Olympic Drive				Y	Y				100	-	-	-	-	-	-	-
Tank Storage Improvements	High School Reservoir					Y				-	80	500	-	-	-	-	-
Emergency Generator	Head of Bay					Y				-	150	-	-	-	-	-	-
Water Treatment Improvements	Winslow					Y				-	80	500	-	-	-	-	-
Rockaway Intertie	Rockaway					Y				-	250	-	-	-	-	-	-
High Zone Improvements	High School/New Brookly					Y				-	-	150	950	-	-	-	-
Chlorine Generator Upgrades	Various					Y				-	-	-	-	-	250	-	-
Meter Replacements	Various					Y				-	-	-	150	-	-	150	-
Fire Flow Improvements	Winslow					Y				-	-	-	75	350	-	-	-
Pipeline Improvements	Shephard Way					Y				-	-	-	50	300	-	-	-
Waterfront Trail Bridge	Waterfront Park				Y	Y	Y			-	-	-	-	-	80	400	-
City Project Funding										100	560	1,150	1,225	650	330	550	-
Grant Totals										-	-	-	-	-	-	-	-
TOTALS										100	560	1,150	1,225	650	330	550	-

Project: Tank Storage Improvements

Number: 00817

Location: High School Reservoir

Project Description



Description: The purpose of this project is to assess the seismic resiliency of the City's High School reservoirs. The project also includes analysis for tank mixing, the integrity of tank valves, and the condition of tank interior and exterior coating. In the first year the storage facility analysis will be performed with construction of identified improvements in the second year.

Benefit: Ensure the long-term reliability of the water system

Schedule: Design in 2017 and construction in 2018.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$80						
Construction			\$500					
Sub-total	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: Emergency Generator

Number: 00814

Location: Head of Bay

Project Description

Description: Install an emergency generator to provide a permanent, redundant power source for the well site that provides 25% of the supply for the system.

Benefit: Improves system reliability in the event of power outages.

Schedule: Purchase and install in 2017

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$150						
Sub-total	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project: Water Treatment Improvements

Number: 00816

Location: Winslow

Project Description

Description: This project implement water treatment improvements to keep iron, manganese, and sulfide levels from exceeding the maximum contaminant levels (MCLs).

Benefit: Improve the water quality for the system.

Schedule: Design the first year. Construct the second year.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$80						
Construction			\$500					
Sub-total	\$0	\$80	\$500	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project: Rockaway Intertie

Number: 00815

Location: Rockaway

Project Description

Description: The Rockaway Beach Water System requires additional supply and storage to meet the City's criteria. The existing single supply well has limited and declining capacity, and the storage tank is undersized. This project will complete an intertie with the adjacent KPUD water system.

Benefit: Improve the reliability and fire protection for the Rockaway Water System.

Schedule: Design and construct in the same year.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$250						
Sub-total	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: High Zone Improvements
Location: High School/New Brooklyn

Number: 00819

Project Description

Description: Some high elevation customers within the Winslow Water System do not have adequate pressure or fire flow to meet the City's criteria. These deficiencies could be resolved by creating a new pressure zone above the High Zone at an approximate HGL of 405 feet. This project will complete a study and plan for improvements in the first year with construction scheduled in the second year. The study would determine the extent of the new pressure zone and the required system modifications.

Benefit: Improve water system quality and fire protection.

Schedule: Design the first year. Construct the second year.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$150	\$950	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$0	\$150	\$950	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting			\$150					
Construction				\$950				
Sub-total	\$0	\$0	\$150	\$950	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

*City of Bainbridge Island
Sewer CIP (2017 - 2022)
2017-2018 Proposed Budget*

Project	Location and/or Phase	Grant Eligible	Grant Awarded	Grant Funds	General Comp	Strts Component	Wtr Component	Swr Component	SSWM Comp	Prior Years	2017	2018	2019	2020	2021	2022	2023 - 2034
SEWER PROJECTS - 6-YEAR CIP																	
Rehabilitate Pump Station	Village			-				Y		-	200	700	-	-	-	-	-
Pump Station/Force Main Upgrade	NTW/New Brooklyn/Madison			-				Y		700	-	-	-	-	-	-	-
Pump Station/Force Main Upgrade	Lynwood Center			-				Y		600	-	-	-	-	-	-	-
Rehabilitate Pump Station	Wing Point			-				Y		-	-	100	450	-	-	-	-
Rehabilitate Pumps	Sunday Cove			-				Y		-	-	-	150	-	-	-	-
Replace Beach Sewer Main	Lower Lovell			-				Y		-	200	950	-	-	-	-	-
Rehabilitate Pump Station	Old Treatment Plant			-				Y		-	-	-	100	450	-	-	-
Rehabilitate Pump Station	Lower Hawley			-				Y		-	-	-	-	-	100	400	-
Waterfront Trail Bridge Replacement	Waterfront Park			-		Y	Y	Y		-	-	-	-	-	80	400	-
City Total										1,300	400	1,750	700	450	180	800	0
Grant Total										0	0	0	0	0	0	0	0
TOTALS										1,300	400	1,750	700	450	180	800	0

Project: Rehabilitate Pump Station

Number: 00782

Location: Village

Project Description



Description: The Village Pump Station is expected to require capacity upgrades by 2025. To meet 2035 projected flows, the Village Pump Station needs to be upgraded to a firm capacity of approximately 850 gpm. Additionally, the Village Pump Station has not been upgraded since its installation in 1979. Due to age, the station’s valves, controls, and telemetry need to be replaced. The drywell and wet well are showing signs of advanced corrosion. This station will require a comprehensive rehabilitation similar to the City’s 2006 Highway 305 Pump Station upgrade project.

Benefit: System capacity and reliability

Schedule: Design in first year and construct in second year

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$200	\$700	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$200	\$700	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$200						
Construction			\$700					
Sub-total	\$0	\$200	\$700	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating								
Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: Rehabilitate Pump Station

Number: 00820

Location: Wing Point

Project Description



Description: The Wing Point Pump Station has not been upgraded since its construction in 1979 and is reaching the end of its useful life. Besides the general condition concerns that also apply to the City’s other aging pump stations (Wet well controls should be replaced to meet current safety standards and the performance of the cathodic protection components of these stations should be assessed), the Wing Point Pump Station has some unique upgrade requirements. Firstly, the station access hatch is currently under water during extreme high tides and should be extended. Secondly, it is recommended that an air-vacuum relief valve be installed in the force main at the discharge of the Wing Point pumps.

Benefit: Improves reliability of current sewer collection system.

Schedule: Design the first year. Construct the second year.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$100	\$450	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$0	\$100	\$450	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting			\$100					
Construction				\$450				
Sub-total	\$0	\$0	\$100	\$450	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: Replace Beach Sewer Force Main

Number: 00721

Location: Lower Lovell

Project Description

Description: The current Lower Lovell sewer beach main is severely deteriorated as documented during maintenance operations completed in 2015 and 2016. It is unfeasible to repair or replace the line in its current location, so this project will design and construct a new collection system for the basin in the upland area.

Benefit: Replaced a deteriorated system with a reliable sewer collection system that can be maintained in the future.

Schedule: Design the first year. Construct the second year.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$200	\$950	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$200	\$950	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$200						
Construction			\$950					
Sub-total	\$0	\$200	\$950	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

*City of Bainbridge Island
Stormwater CIP (2017 - 2022)
2017 - 2018 Proposed Budget*

Project	Grant Eligible	Grant Awarded	Grant Funds	General Comp	Strts Component	Wtr Component	Swr Component	SSWM Comp	Prior Years	2017	2018	2019	2020	2021	2022	2023 - 2036	
STORMWATER PROJECTS - 6-YEAR CIP																	
Rockaway Beach Rd. Outfall Replacement			-						Y	255	-	-	-	-	-	-	
Ravine Creek Outfall Replacement			-						Y	-	170	-	-	-	-	-	
Eagle Hrbr. Dr. @ McDonald Creek Culvert			-						Y	-	200	-	900	-	-	-	
Wardwell Rd Culvert (Woodward Creek)			-						Y	74	245	-	-	-	-	-	
Blakely Falls Creek Culvert (Halls Hill)			-						Y	-	-	-	150	-	-	-	
Springbrook Creek Restoration and Culvert Replace	x		450						Y	-	-	-	600	-	-	-	
Yeomalt Area Drainage Improvements			-						Y	60	-	-	-	510	-	-	
C40 Eagle Harbor Phase I			-	Y					Y	-	-	100	-	-	450	-	
City Funding										389	615	-	1,000	300	510	450	-
Grant Totals										-	-	-	450	-	-	-	
TOTALS										389	615	-	1,000	750	510	450	-

Project: Ravine Creek Outfall Replacement

Number: 00776

Location: Ravine Creek

Project Description

Description: The existing stormwater outfall at Ravine Creek is currently undersized and does not extend to the high water mark of the creek. The outfall needs to be replaced in order to accommodate the projected flows from the basin.

Benefit: Expand the capacity of the current stormwater system and meet DOE criteria for direct-discharge outfall to tidal waters.

Schedule: Construct in 2017.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$170	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$170	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$170						
Sub-total	\$0	\$170	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: Eagle Harbor Drive at McDonald Creek

Number: 00823

Location: 5530 Eagle Harbor Drive

Project Description



Description: The existing concrete culvert is perched at its outlet and a section of pipe has dropped. Shoulder settlement is an indicator there may be separations. The project provides for the repair of existing concrete culvert assuming trenchless methods can be employed to line culvert.

Benefit: Preservation. Avoid much more costly replacement. Mitigate failure risk.

Schedule: Preliminary budget and schedule information pending Island-wide Deep Culvert Assessment.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$0	\$200	\$0	\$900	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$0	\$200	\$0	\$900	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting		\$200						
Construction				\$900				
Sub-total	\$0	\$200	\$0	\$900	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

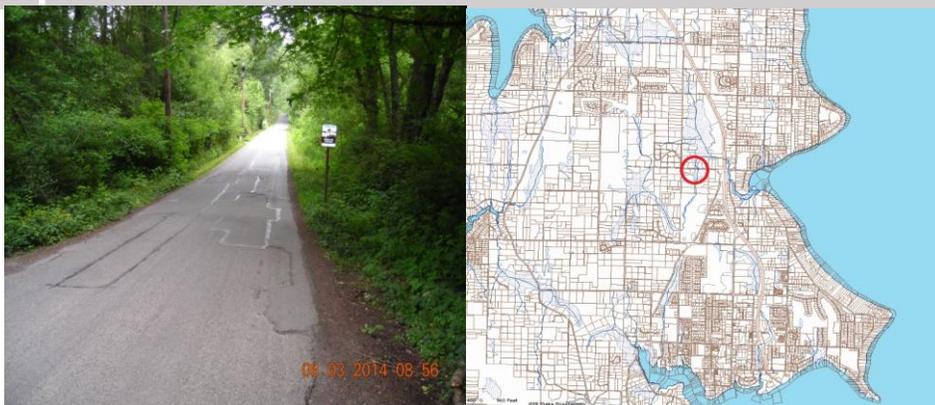
2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							

Project: Wardwell Road Culvert
Location: Woodward Creek Fish Passage Culvert

Number: 00662

Project Description



Description: Woodward Creek overtops Wardwell Road during storm events and backs up, flooding private property. Recommend replacement of a failing culvert with a new fish passage culvert. This project may be combined with the Wardwell Road Reconstruction and Drainage Project. Temporary construction easements may be needed.

Benefit: Replaces an undersized culvert and addresses fish passage. The project furthers the water quality and habitat goals of the Murden Cove Watershed Nutrient and Bacteria Reduction Project.

Schedule: Y1 Design and Permitting, Y2 Construction.

Capital Funding (1000's)

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
FUNDING SOURCES (1000's)								
General Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Water Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sewer Fund	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SSWM Fund	\$74	\$245	\$0	\$0	\$0	\$0	\$0	\$0
Federal Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Grant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-total	\$74	\$245	\$0	\$0	\$0	\$0	\$0	\$0
FUNDING USES (1000's)								
Design/permitting								
Construction		\$245						
Sub-total	\$0	\$245	\$0	\$0	\$0	\$0	\$0	\$0

Estimated Impact on Future Operating Budget

	Prior Yrs.	2017	2018	2019	2020	2021	2022	2023-2034
Operating Debt Service								
Sub-total	\$0							

2% Contribution to Public Art Account

	Prior Yrs	2017	2018	2019	2020	2021	2022	2023-2034
Sub-Total	\$0							