

**City of Bellevue  
Utilities Department  
2019-2025 Proposed CIP**

- System Need**
- Replacement
  - Growth
  - Regulatory
  - Cust. Enhancement
  - Environmental Presv

- Type of Change**
- Scope
  - Schedule
  - Cost
  - New Project

**Project Name:** D-59 Minor (Small) Storm Capital Improvement Projects

**Description and Scope**

This ongoing program is for minor (small) improvements to Bellevue’s surface water system to resolve deficiencies, improve efficiencies, or resolve maintenance problems, often in conjunction with other Bellevue programs such as the Transportation overlay program. Examples of projects include pipeline outfall improvements at Meydenbauer Bay; small stormwater pipe extensions to resolve drainage problems; and modifications of catch basins in concert with street projects. Projects are prioritized based on criteria including public safety/property damage, maintenance frequency, flooding history, operator safety, environmental risk, coordination with other city or development activity, and level of service impact.

**PROPOSED CHANGE:**

Cost revisions have been made for inflation. A new sub-project was added to repair a sill at Coal Creek Parkway Culvert. Future projects were added to outer years. Two projects were shifted by two years to account for staff workloads and additional investigations.

**Rationale**

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

**Environmental Impacts**

A reliable stormwater system controls stormwater runoff to minimize flood and erosion damage to public and private property and the environment.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$0	\$221,000	\$218,000	\$237,000	\$242,000	\$246,000	\$251,000			<b>\$1,415,000</b>
2019-2025 Proposed CIP			70,000	173,000	559,000	457,000	261,000	263,000	269,000	<b>2,052,000</b>
Difference			-\$148,000	-\$64,000	\$317,000	\$211,000	\$10,000			<b>\$637,000</b>

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**Project Name:** D-64 Storm System Conveyance Repairs and Replacement

**Description and Scope**

This ongoing program repairs defective storm drainage pipelines, culverts and ditches identified in the Utility’s condition assessment program or other means. Projects are prioritized based on the severity of deterioration, the risk and consequence of failure, and coordination with planned street improvement projects. As the system ages, costs are expected to increase.

**PROPOSED CHANGE:**

Anticipated costs were reviewed and adjusted for inflation. One project was shifted to balance workloads. Future placeholder projects were added in outer years.

**Rationale**

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

**Environmental Impacts**

A reliable stormwater system controls stormwater runoff to minimize flood and erosion damage to public and private property and the environment.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$1,886,000	\$1,373,000	\$1,241,000	\$1,330,000	\$1,424,000	\$1,524,000	\$1,633,000			<b>\$10,411,000</b>
2019-2025 Proposed CIP			773,000	1,372,000	1,517,000	1,527,000	1,635,000	1,753,000	1,880,000	<b>10,457,000</b>
Difference			-\$468,000	\$42,000	\$93,000	\$3,000	\$2,000			<b>\$46,000</b>

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**Project Name:** D-81 Fish Passage Improvement Program

**Description and Scope**

This ongoing program provides funding to remove fish passage barriers such as impassable culverts, debris jams, or accumulated sediment, allowing access to critical spawning and rearing habitat for salmon populations. Typical projects include culvert replacement or modification, debris removal, or installation of logs and boulders to improve access at low stream flows. Grant money is pursued to supplement Bellevue's investment whenever possible. Projects planned for this CIP window are on Yarrow East Tributary (2830 107th Ave NE) and the Kelsey weirs at Glendale.

**PROPOSED CHANGE:**

Delay of future fish passage projects until 2022 to allow for the assessment of Bellevue Streams through the Open Streams Initiative to assure the right structures are being replaced when the entire streams systems (public and private) have been assessed.

**Rationale**

This program along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$418,000	\$461,000	\$174,000	\$467,000	\$236,000	\$607,000	\$507,000			<b>\$2,870,000</b>
2019-2025 Proposed CIP			16,000	16,000	16,000	253,000	683,000	631,000	545,000	<b>2,160,000</b>
Difference			-\$158,000	-\$451,000	-\$220,000	-\$354,000	\$176,000			<b>-\$710,000</b>

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**Project Name:** D-86 Stream Channel Modification Program

**Description and Scope**

This ongoing program resolves unstable stream sections that reduce salmon spawning or rearing habitat or increase Bellevue Utilities maintenance requirements. Stream stability problems include stream sections with excessive erosion or sediment deposition. This program also improves habitat complexity by planting native trees and shrubs and removing invasive weed species. Stabilizing the stream channel consists primarily of placing large woody debris and boulders in the stream channel, and re-vegetating stream banks, commonly called bioengineering. Projects planned in this CIP window include projects on Coal Creek near the inlet of the off-channel sediment pond and Kelsey Creek near the city installed weirs at Glendale Country Club.

**PROPOSED CHANGE:**

Projects within this program have been assessed for cost changes based on additional investigations, engineering analysis, and regulatory requirements. Four projects have been shifted by three years to start in 2022/2023 to allow for information from the Open Streams Strategic Initiative to inform locations and timing. One new study has been added to assess the Ardmore Stability situation where Ardmore Stream discharges from Bellevue into Redmond through a highly eroding channel.

**Rationale**

This program helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; and improves water quality by reducing sediment.

**Environmental Impacts**

The long term environmental impacts of each project are positive in that they improve or protect stream health and habitat. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$388,000	\$303,000	\$544,000	\$365,000	\$423,000	\$298,000	\$552,000			<b>\$2,873,000</b>
2019-2025 Proposed CIP			737,000	164,000	192,000	404,000	483,000	980,000	682,000	<b>3,642,000</b>
Difference			\$193,000	-\$201,000	-\$231,000	\$106,000	-\$69,000			<b>\$769,000</b>

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<b>System Need</b>	<b>Type of Change</b>
<input type="checkbox"/> Replacement	<input type="checkbox"/> Scope
<input type="checkbox"/> Growth	<input checked="" type="checkbox"/> Schedule
<input type="checkbox"/> Regulatory	<input checked="" type="checkbox"/> Cost
<input type="checkbox"/> Cust. Enhancement	<input type="checkbox"/> New Project
<input checked="" type="checkbox"/> Environmental Presv	

**Project Name:** D-94 Flood Control Program

**Description and Scope**

This ongoing program constructs improvements to reduce or eliminate flooding caused by insufficient public drainage system capacity. Projects involve enlarging pipes or culverts to convey more stormwater, re-routing drainage to pipes with more capacity, adding detention or infiltration facilities, or other runoff control strategies. Secondary goals are improve aquatic habitat and surface water quality, if feasible.

The following sites have projects in progress or have been identified for future improvements, and are presented in priority order. They will be prioritized for implementation with any others that become apparent as a result of storm or system analysis:

1. Valley Creek / NE 21st Flood control (in progress);
2. Factoria Boulevard Conveyance Improvements;
3. Meydenbauer Basin / CBD Conveyance Improvements;
4. Upper Kelsey Creek Channel Improvements - Phase I - Blueberry Farm (in progress);
5. Meydenbauer Basin/ NE 2nd St and 106th Ave NE Improvements;
6. Upper Kelsey Creek Channel Improvements – Phase II - West of 156th Ave SE;
7. Overlake Overflow / NE 20th Street Drainage Improvement;
8. Upper Kelsey Creek Channel Improvements – Phase III - Adjacent to SE 16th St.;
9. 156th Ave SE & SE 4th St. Drainage Improvement;
10. Phantom / Larson Lake Channel Regrade.

**PROPOSED CHANGE:**

Individual sub-projects have been assessed for cost changes based on additional engineering evaluations and/or inflation. Valley/NE 21st Flood Control project has been shifted in time to account for likely condemnation proceedings. Future project allocations placeholders added for outer years.

**Rationale**

This supports the Surface Water Utility's mission: A surface water system that controls damage from storms, protects surface water quality, supports fish and wildlife habitat, and protects the environment. Achieving these goals depends on a number of factors, including the degree to which drainage basins have been affected by urbanization, the desired level of protection, the authority and influence the City has, and the resources needed to mitigate those impacts. Often in an urban environment, there is a balance of competing interests at a site, including flood amelioration, salmon spawning habitat, erosion, or other development needs at a particular location. Meeting multiple objectives is always desired, though it is not always attainable at the project scale.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat, or eliminate environmental damage caused by flooding. Projects may increase the potential for erosion or siltation during construction. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$0	\$3,683,000	\$1,294,000	\$906,000	\$957,000	\$714,000	\$864,000			<b>\$8,418,000</b>
2019-2025 Proposed CIP			1,527,000	49,000	326,000	675,000	1,876,000	662,000	675,000	<b>5,790,000</b>
Difference			\$233,000	-\$857,000	-\$631,000	-\$39,000	\$1,012,000			<b>-\$2,628,000</b>

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**Project Name:** D-103 Replace Coal Creek Pkwy Culvert at Coal Creek

**Description and Scope**

This project will replace a 96-inch diameter, 110 foot long corrugated metal pipe built in the 1980s, that carries Coal Creek beneath Coal Creek Parkway. The old culvert impeded fish passage. Remaining costs are for permit-required post-construction monitoring for ten years after project completion.

PROPOSED CHANGE:  
Added monitoring costs in 2019.

**Rationale**

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

**Environmental Impacts**

A reliable stormwater system controls stormwater runoff to minimize flood and erosion damage to public and private property and the environment.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$13,000	\$13,000	\$13,000	\$0	\$0	\$0	\$0			<b>\$39,000</b>
2019-2025 Proposed CIP			26,000	0	0	0	0	0	0	<b>26,000</b>
Difference			\$13,000	\$0	\$0	\$0	\$0			<b>-\$13,000</b>

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**Project Name:** D-104 Stream Restoration for Mobility & Infrastructure Initiative

**Description and Scope**

This ongoing program is for stormwater improvements associated with the Mobility and Infrastructure Initiative (which seeks to address high priority mobility and infrastructure needs in Downtown Bellevue and in the Bel-Red Corridor). These funds are to restore streams for recreation and environmental health through the Bel-Red corridor, and to encourage redevelopment of the area. These funds will be allocated to specific stormwater-related projects pending further Council direction. Two projects are proposed for implementation in 2014-2016: Channel Restoration pre-design studies on the West Tributary downstream of the West Trib. Regional Pond, and Native Plant Restoration at the West Tributary Regional Pond. The projects will need to be constructed to coordinate with Sound Transit wetland and stream mitigation, and 124th Phase 1 project, respectively.

**PROPOSED CHANGE:**

Added monitoring costs for work done in regional pond DMP 165 on West Trib Kelsey Creek. Costs added for 2019-2022.

**Rationale**

This program restores streams for recreation and environmental health in the redeveloping Bel-Red Corridor.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve stream health and habitat. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$110,000	\$112,000	\$5,000	\$6,000	\$6,000	\$0	\$0			<b>\$239,000</b>
2019-2025 Proposed CIP			26,000	27,000	27,000	28,000	0	0	0	<b>108,000</b>
Difference			\$21,000	\$21,000	\$21,000	\$28,000	\$0			<b>-\$131,000</b>

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- Scope
  - Schedule
  - Cost
  - New Project

**Project Name:** D-104-B Stream Restoration-Mobility & Infrastructure Initiative (Bank)

**Description and Scope**

This project maintains reserve funds for project D-104, for stormwater improvements associated with the Mobility and Infrastructure Initiative (which seeks to address high priority mobility and infrastructure needs in Downtown Bellevue and in the Bel-Red Corridor).

PROPOSED CHANGE:

**Rationale**

N/A

**Environmental Impacts**

N/A

**Financial Detail (Inflated to year of construction)**

BUDGET 2017-2023 VS 2019-2025	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
2017-2023 Adopted CIP	\$2,231,300	\$2,522,167	\$0	\$0	\$0	\$0	\$0			\$4,753,467
2019-2025 Proposed CIP			0	0	0	0	0	0	0	0
Difference			\$0	\$0	\$0	\$0	\$0			-\$4,753,467



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- Scope
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  - Cost
  - New Project

**Project Name:** D-105 Replace NE 8th St Culvert at Kelsey Creek

**Description and Scope**

This project will replace the existing 10’ wide by 7’ tall, 110-foot long corrugated metal culvert built in the early 1980s that carries Kelsey Creek beneath NE 8th Street. To meet flood and fish passage requirements, the culvert will be replaced with a bridge which spans the creek channel, or a three-sided concrete box culvert with an approximate 15 foot span. The design will be determined by permit requirements.

**PROPOSED CHANGE:**

Added funds for monitoring 2019-2025.

**Rationale**

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

**Environmental Impacts**

A reliable stormwater system controls stormwater runoff to minimize flood and erosion damage to public and private property and the environment.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$733,000	\$2,778,000	\$16,000	\$8,000	\$8,000	\$8,000	\$8,000			<b>\$3,559,000</b>
2019-2025 Proposed CIP			26,000	27,000	27,000	28,000	28,000	0	0	<b>136,000</b>
Difference			\$10,000	\$19,000	\$19,000	\$20,000	\$20,000			<b>-\$3,423,000</b>

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**Project Name:** D-106 Lower Coal Creek Flood Hazard Reduction Phase 1

**Description and Scope**

This project will design and construct project(s) to reduce flooding from the Newport Shores reach of Coal Creek, located between I-405 and Lake Washington. A preliminary engineering study to identify and assess alternatives is underway, to establish how best to reduce flooding during storm events. The project budget includes one or more of the following: increased storage capacity at the I-405 regional pond, replacement of the five existing culverts downstream of the pond, targeted stream bank erosion protection, and improvements to the local storm drainage network. The schedule has been revised to reflect design in 2015-16; permitting in 2016-17, and construction of improvements between 2018 and 2020.

**PROPOSED CHANGE:**

Added funding to cover full project costs based on more detailed engineering information. Cost recovery from King County Flood Control District.

**Rationale**

This program along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; improves water quality that limits fish viability; protects properties from flooding of structures, flooding which restricts access to residences or businesses, and street flooding that impacts primary emergency routes; restores streams for recreation and environmental health in the redeveloping Bel-Red Corridor; and reduce the potential for sewage overflow to surface water bodies.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat, or eliminate environmental damage caused by flooding. Projects may increase the potential for erosion or siltation during construction. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$2,515,000	\$2,475,000	\$2,311,000	\$10,000	\$10,000	\$0	\$0			<b>\$7,321,000</b>
2019-2025 Proposed CIP			5,273,000	196,000	124,000	100,000	72,000	57,000	0	<b>5,822,000</b>
Difference			\$2,962,000	\$186,000	\$114,000	\$100,000	\$72,000			<b>-\$1,499,000</b>

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**Project Name:** D-107 Storm Water Video Inspection Enhancement

**Description and Scope**

This project will video-inspect the most critical 20% of stormwater pipes to assess their condition over a five year period. Pipes to be inspected will be selected based on their likelihood and consequence of failure (risk). The video condition assessment results will be used to help evaluate the overall stormwater pipeline condition so that short- and long-term renewal and replacement needs can be more accurately estimated. The project will also be used to evaluate how much of the stormwater system should be video-inspected each year on an ongoing basis. The project funds four years of contracted services, plus start up time in the first year. It will video-inspect 10-15 miles in 2015, 25 miles each in 2016, 2017, and 2018, and 10-15 miles in the first half of 2019.

**PROPOSED CHANGE:**

Utilizing existing budget to complete an additional 50 miles within the originally anticipated timeline.

**Rationale**

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this project reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

**Environmental Impacts**

A reliable stormwater system controls stormwater runoff to minimize flood and erosion damage to public and private property and the environment.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$963,000	\$459,000	\$246,000	\$0	\$0	\$0	\$0			<b>\$1,668,000</b>
2019-2025 Proposed CIP			246,000	0	0	0	0	0	0	<b>246,000</b>
Difference			\$0	\$0	\$0	\$0	\$0			<b>-\$1,422,000</b>

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**Project Name:** D-109 Stormwater Quality Retrofit in Kelsey Creek

**Description and Scope**

This project will design and install three water quality retrofit improvements using biofiltration and/or other treatment techniques within city rights-of-way or other city-owned property. The goal is to improve water quality from street runoff prior to discharging to Kelsey Creek. The Storm and Surface Water System Plan reported that over 38% of the city was developed without water quality treatment of stormwater. When stormwater management regulations were first established, they focused largely on flood control. Recent studies have demonstrated that roadway stormwater runoff kills Coho salmon and impacts other aquatic organisms. In 2014 there was 100% mortality of hatchery Coho salmon transplanted to Kelsey Creek. Studies show that filtering stormwater runoff through bio-retention soil mixes will clean the stormwater sufficiently to result in salmon survival. This project will improve stormwater quality, and improve fish survival. It lays the foundation for an ongoing program that Bellevue could use to meet water quality retrofit requirements. It aligns with many resource agency goals for water quality retrofit and low impact development BMPs, and positions Bellevue to be successful with grant applications from those agencies.

**PROPOSED CHANGE:**

Additional funding added to cover second water quality site investigation and preliminary design. Cost recovery from King County Grant.

**Rationale**

This program along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; improves water quality that limits fish viability; protects properties from flooding of structures, flooding which restricts access to residences or businesses, and street flooding that impacts primary emergency routes; restores streams for recreation and environmental health in the redeveloping Bel-Red Corridor; and reduce the potential for sewage overflow to surface water bodies.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat, or eliminate environmental damage caused by flooding. Projects may increase the potential for erosion or siltation during construction. Applicable environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) will be obtained prior to construction.

**Financial Detail (Inflated to year of construction)**

<b>BUDGET 2017-2023 VS 2019-2025</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
2017-2023 Adopted CIP	\$90,000	\$125,000	\$128,000	\$0	\$0	\$0	\$0			<b>\$343,000</b>
2019-2025 Proposed CIP			326,000	16,000	0	0	0	0	0	<b>342,000</b>
Difference			\$198,000	\$16,000	\$0	\$0	\$0			<b>-\$1,000</b>