

CITY COUNCIL AGENDA ITEM

CITY OF SHORELINE, WASHINGTON

| | | | |
|----------------------|------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------|
| AGENDA TITLE: | Discussion of Proposed American Rescue Plan Act (ARPA) Capital Funding Allocation Update | | |
| DEPARTMENT: | Recreation, Cultural and Community Services | | |
| PRESENTED BY: | Susana Villamarin, RCCS Senior Management Analyst | | |
| ACTION: | <input type="checkbox"/> Ordinance | <input type="checkbox"/> Resolution | <input type="checkbox"/> Motion |
| | <input checked="" type="checkbox"/> Discussion | <input type="checkbox"/> Public Hearing | |

PROBLEM/ISSUE STATEMENT:

The American Rescue Plan Act (ARPA), which was signed into law by President Biden on March 11, 2021, is a \$1.9 trillion economic stimulus bill. Within the ARPA, the Coronavirus State and Local Fiscal Recovery Fund provides \$350 billion for states, municipalities, counties, tribes, and territories, including \$130 billion for local governments, split evenly between municipalities and counties. The City of Shoreline was awarded \$7,533,842 and will receive the funds in two tranches. The first tranche was received in August 2021 and the second will be received in August 2022.

On June 14, 2021, staff presented to Council a proposed phased funding plan for the City's ARPA funds of \$7.53M. Council expressed support on the proposed target allocations of the City's ARPA funds, the phased funding plan approach, and Phase 1 funding recommendations, including funding 1.4 FTE 'ARPA Navigator' positions and supporting community, youth, and business recovery efforts. The City Manager recommended that approximately \$4 million of the allocation to the City be allocated for infrastructure investment. Council asked staff to return for additional discussion on the proposed infrastructure investments as the Council required additional information on the proposed wastewater and stormwater capital projects in the light rail station areas, opportunities for more distribution of projects throughout the city and prioritizing projects with environmental benefit. Regulations require that ARPA eligible costs be incurred/obligated by December 31, 2024 and must be spent by December 31, 2026.

This staff report will provide a status update on implementing efforts with the targeted ARPA funds and will review the ARPA capital project funding criteria, projects that were considered and recommended, and additional project opportunities.

RESOURCE/FINANCIAL IMPACT:

The \$7,533,842 in ARPA funding the City will receive will cover eligible expenditures that are fully obligated by December 31, 2024. Budgeting these funds will happen through a mid-biennial budget adjustment for the 2021-2022 biennial budget and CIP update, and then through future biennial budget processes.

RECOMMENDATION

No action is requested tonight. Staff recommends that the City Council provide feedback on the staff recommendation on capital projects to use a portion of the City's ARPA funds.

Approved By: City Manager ***DT*** City Attorney ***MK***

BACKGROUND

The American Rescue Plan Act (ARPA), which was signed into law by President Biden on March 11, 2021, is a \$1.9 trillion economic stimulus bill. Within the ARPA, the Coronavirus State and Local Fiscal Recovery Fund provides \$350 billion for states, municipalities, counties, tribes, and territories, including \$130 billion for local governments, split evenly between municipalities and counties. The City of Shoreline was awarded \$7,533,842 and will receive the funds in two tranches. The first tranche was received in August 2021 and the second will be received in August 2022.

ARPA funding covers the period of March 3, 2021, through December 31, 2024. Costs must be incurred/obligated by December 31, 2024 and must be spent by December 31, 2026. Staff are continuing to work on developing a comprehensive plan to make the best use of these funds within the required timeframes.

These ARPA funding considerations and the City's initial ARPA funding plan was discussed by Council at their June 14, 2021 City Council meeting. The staff report for this agenda item can be found at the following link:

<http://cosweb.ci.shoreline.wa.us/uploads/attachments/cck/council/staffreports/2021/staffreport061421-8b.pdf>.

Eligible Uses of Funding

Coronavirus State and Local Fiscal Recovery Funds provide a substantial infusion of resources to meet pandemic response needs and rebuild a stronger, more equitable economy as the country recovers. Within the categories of eligible uses, recipients have broad flexibility to decide how best to use this funding to meet the needs of their communities. Recipients may use Coronavirus State and Local Fiscal Recovery Funds as follows:

- To respond to the public health emergency caused by COVID-19 or its negative economic impacts, including assistance to households, small businesses, and nonprofits, or aid to impacted industries such as tourism, travel, and hospitality.
- To respond to workers performing essential work during the COVID-19 public health emergency by providing premium pay to eligible workers.
- For the provision of government services to the extent of the reduction in revenue due to the COVID - 19 public health emergency relative to revenues collected in the most recent full fiscal year prior to the emergency.
- To make necessary investments in water, sewer (includes both storm and wastewater), or broadband infrastructure.

Guiding Principles

Staff are using the following guiding principles to develop a recommended ARPA funding allocation plan to the City Council:

- ARPA funds are temporary in nature and a one-time allocation. As such, staff will be recommending programs that should not be considered on-going and will terminate when the ARPA funds have been expended by the City. Investment in qualifying infrastructure projects support this principle.

- The City needs to be informed of the ARPA plans of other regional partners so that the use of the City's allocation can best meet the needs of the community and fill gaps not identified by other programs. This includes understanding the program eligibility from other federal and state programs.
- The City program should have a role in helping Shoreline residents and businesses navigate the process to access funds through local, regional, state, and federal programs.
- Needs may evolve over a multi-year process and as such the programming of funds should be prudent and not rushed. The program may be a multi-phased process.

DISCUSSION

At the June 14, 2021 City Council meeting, the Council agreed with the City Manager's overall recommended targeted allocations for the following categories as follows:

| Category | Subcategory | Targeted Amounts |
|-----------------------------------------------------------------------------------------|-------------------------------------------|-------------------------|
| Respond to public health emergency caused by COVID-19 or its negative economic impacts. | a. Limited Term ARPA Navigators (1.4 FTE) | \$511,000 |
| | b. Human Service Needs | \$1,600,000 |
| | c. Community and Youth Recovery | \$400,000 |
| | d. Business Recovery and Stabilization | \$500,000 |
| City cost recovery for COVID-19 related expenses. | | \$500,000 |
| Make necessary investments in water, sewer, stormwater, or broadband infrastructure. | | \$4,022,000 |
| Total | | \$7,533,000 |

Phase 1 Funding Activities Status

Within the ARPA targeted allocation categories, Council supported the following activities under a Phase 1 approach. A status of these activities is also provided.

1. Allocated \$511,000 to fund up to 1.4 FTE limited-term ARPA Navigator positions.
Status: The City's Equity and Social Justice Coordinator position is currently structured as a 0.6 FTE position. This position provided tremendous support to the City's earlier COVID emergency response efforts. Staff have added 0.4 FTE of an ARPA Navigator to this position, and this staff member has begun the process of researching how Federal, State and County ARPA resources are being deployed. Additionally, staff have conducted a hiring process for a 1.0 FTE ARPA Navigator and expect to have this position filled by early September. Staff anticipate beginning to provide direct assistance to residents in October 2021.

2. Allocated \$225,000 to fund community and youth recovery by supporting the YOLO program and a contracted Mental Health Therapist for youth and teens during 2022.
Status: This allocation provides assurance that these programs will continue through 2022.
3. Allocated \$93,000 to fund outreach and analysis to Shoreline businesses through a three-year partnership with the Shoreline Chamber of Commerce.
Status: The contracting process has been completed, with the City and the Chamber of Commerce partnering to advertise the opportunity to potential business-outreach subcontracting candidates, which will be selected with City staff input. This work will begin in fall of 2021 and will include at least five (5) meetings per week for a total of at least 240 meetings with Shoreline businesses during the contract period, as well as reporting, analysis, and recommendations for future business support initiatives.
4. Allocated \$500,000 to fund City Cost Recovery
Status: ARPA funds may be used for the provision of government services to the extent of the reduction in revenue experienced due to the COVID-19 public health emergency. Shoreline's reduction in revenue is measured relative to the revenue collected in 2019, which is the most recent full fiscal year prior to the pandemic. The Municipal Research and Services Center (MRSC) developed a tool that staff used to calculate the revenue reduction for 2020. As government services includes the provision of police services, staff proposes to cover up to \$500,000 of police services costs in 2021.

Staff estimates that additional eligible City costs to support response to the public health emergency for 2021 total approximately \$1 million. These include costs for Remote Learning, lobby monitors for City Hall, personal protective equipment (PPE), information technology's support of remote work, and modifications to the Council Chambers and conference rooms to support hybrid conferencing. At this time, it is anticipated these costs will be covered with the use of fund balance for the General Fund.

There are currently \$1.6M in ARPA funds allocated to address identified human services needs for Shoreline residents. As staff fully develops a recommendation for these funds, it is possible that some may be available to reallocate to the Cost Recovery category.

5. Allocated approximately \$4M for qualifying infrastructure investments.
Status: At the June 14th Council meeting, Council asked staff to review the ARPA capital project funding criteria, projects that were considered and recommended, and consider additional project opportunities. This staff report provides this review.

ARPA Funded Capital Projects

At the June 14 City Council meeting, staff recommended that Council allocate \$4,022,000 of ARPA funds to the following for wastewater and surface water projects.

| Utility | Description | Obligation Date | Cost (ARPA Eligible) |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|
| Sewer | Modify an existing sewer manhole at east end of 148th non-motorized bridge. The project will modify an existing utility hole as part of the bridge project. This project serves the 145 th station area. | 2023 | \$130,000 |
| Sewer | Replace and realign an existing sewer line in the 3rd Avenue alignment from 145th to 147th as part of the 145th projects. A portion of this project is driven by the needs of the 145 th interchange project and the remainder is to realign and upsize the existing sewer line to support nearby development and flows from Seattle. This project serves the 145 th station area. | 2024 | \$1,500,000 |
| Storm | Upgrade stormwater pump station 26. This project involves a full rebuild due to its age, lack of ability to handle high-runoff events without flooding, and frequent pump maintenance issues. The pump station is on 10 th Avenue NE just south of NE 185 th Street, serving the 185 th station area drainage. | 2023 | \$2,400,000 |
| TOTAL | | | \$4,030,000 |

Council was comfortable with the amount of ARPA funds allocated to capital projects but wanted further discussion on the projects recommended and whether others should be considered. The June 14th staff report also included a list of other sewer and surface water projects considered but not recommended.

ARPA Capital Project Eligible Uses

As mentioned earlier, recipients have broad flexibility to decide how best to use this funding to meet the needs of their communities. Within the Interim Final Rule and information from the US Treasury, limitations of eligible use (or eligibility criteria) are noted as follows:

- Costs must be incurred/obligated by December 31, 2024 and must be spent by December 31, 2026.
- Projects that would be eligible to receive financial assistance through the EPA Clean Water State Revolving Fund (CWSRF) or the Drinking Water State Revolving Fund (DWSRF). Although the exact details are not known, federal contracting and reporting requirements will need to be followed. This will require additional time to follow the processes and developed the documents, and additional costs will be incurred on meeting those requirements. This will impact smaller projects more than larger ones.

Under the DWSRF, projects would support the drinking water system and categories of eligible projects include: treatment, transmission and distribution (including lead service line replacement), source rehabilitation and decontamination, storage, consolidation, and new systems development.

Under the CWSRF, these projects would support the wastewater or stormwater systems and categories of eligible projects include: construction of publicly- owned treatment

works, nonpoint source pollution management, national estuary program projects, decentralized wastewater treatment systems, stormwater systems, water conservation, efficiency, and reuse measures, watershed pilot projects, energy efficiency measures for publicly-owned treatment works, water reuse projects, security measures at publicly-owned treatment works, and technical assistance to ensure compliance with the Clean Water Act.

The US Treasury encourages recipients to consider green infrastructure investments and projects to improve resilience to the effects of climate change. For example, more frequent and extreme precipitation events combined with construction and development trends have led to increased instances of stormwater runoff, water pollution, and flooding. Green infrastructure projects that support stormwater system resiliency could include rain gardens that provide water storage and filtration benefits, and green streets, where vegetation, soil, and engineered systems are combined to direct and filter rainwater from impervious surfaces.

Within the Federal requirements and guidance for use of ARPA funds, for the June 14th Council meeting, staff focused on projects that:

- Are in areas that serve economic development. These are identified as the 148th and 185th light rail station areas. This recognizes that establishing infrastructure in these areas facilitates redevelopment of properties and supports the City's economic vitality which benefits the entire city. The light rail station areas were rezoned to reflect community goals for vibrant, mixed-use, walkable, sustainable, and equitable urban centers immediately surrounding the two new stations. The higher costs of establishing urban-scale utilities and infrastructure have been a key impediment to the redevelopment playing out elsewhere in the region during the five years since these areas were rezoned. Therefore, an important criterion can be met of making investments to spur additional follow-on investment and job-creation of the private sector.
- Are in existing plans. This focuses on existing priority projects in City planning efforts. In particular, the Capital Improvement Plan is utilized as it identifies those projects that have been reviewed and the timing of design and construction are established.
- Can meet funding requirements for obligation and expenditure. This is a threshold criterion for projects considered; if a project in the City plans cannot confidently be obligated and construction completed within the ARPA requirements, it is not considered.

With the City Council input at the June 14th meeting, additional focus areas were developed:

- That provide green infrastructure. These are stormwater projects envisioned to provide water storage, infiltration and filtration and other environmental benefits as part of helping address stormwater management and reducing flooding.

Green streets are noted as an example of this type of improvement although other types of projects meet this criterion.

At the June 14th Council meeting, there was discussion of including “rain gardens” in the projects considered. The City has a program for developing rain gardens on private property where the Surface Water Utility offers rebates up to \$2,000 for home or business owners to install a rain garden or native vegetation landscaping on their property. These features are part of a natural approach to managing rainwater flows and seek to mimic forested conditions by allowing rainwater to soak into the soils. These projects are an important surface water activity, but do not lend themselves to funding with ARPA due to their small size and cost. However, staff was able to add projects for consideration where vegetation, soil, and engineered systems are combined (known as “bioretention” facilities) to direct and filter rainwater from impervious surfaces in the green infrastructure projects grouping.

- Are outside of the station areas. Projects outside the station areas have been added for both immediate and future funding.
- Meet existing priorities of the Wastewater and Surface Water Utilities. The Wastewater Utility has a prioritized list of capital projects in the 2021 Sewer General plan. The first five years of the plan was included the City’s CIP as part of the Ronald Wastewater District assumption. The plan has not been vetted or adjusted by City staff. The projects up to 2027 from the Sewer General plan are included in Attachment A. The Surface Water Utility also has a list of capital projects, prioritized under the 2018 Surface Water Master Plan (SWMP). The next five years of prioritized projects are in the current CIP. The Surface Water projects as originally prioritized and planned for funding up through 2026 in the SWMP and updated since to meet evolving needs are included in Attachment B.

In developing a list of capital projects to consider for application of these funds, staff consulted the 145th and 185th Subarea Plans, the Ronald Wastewater District Comprehensive Sewer Plan, the 2018 SWMP, and recent modeling information. Since the last Council discussion, additional projects have been considered that follow the updated criteria. Staff also considered the size of the project as application of ARPA funds will require meeting the Federal contracting and reporting requirements. Meeting these requirements is an expensive burden on a smaller project.

A table of the projects considered and those recommended for funding is shown below with notation if the project is within or benefits the station areas (economic development area), is on track to meet the ARPA obligation and completion dates, and if there are “green infrastructure” environmental benefits. The projects recommended in the table below provide for projects that are in the light rail station areas, provide strong environmental benefit, and meet the ARPA regulatory requirements.

In these projects, the ARPA funding will support a planned project that is underway. Of note are two projects: NE 148th Street Infiltration Facilities and the 12th Avenue NE Bioretention retrofit, which are not recommended for ARPA funding because of their

size. Although that is the case, staff anticipates that utility funds could be allocated to them and other projects, in the “considered but not recommended list” during the CIP update process. This would be possible as a result of applying ARPA funds to projects previously funded through the utility and in essence allowing the utility to fund additional projects. Both the NE 148th Street Infiltration Facilities and the 12th Avenue NE Bioretention retrofit are projects in current capital project planning.

The estimates in the tables below are a “rough order of magnitude” and will be updated as the projects develop.

| Project Recommended for Use of ARPA funds | | | | | | | | |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|------------------------|--------------------|-----------------|-----------------------|
| Utility | Project | Description | Obligation Date | Possible allocation | Recommended ARPA Funds | Economic Dev. Area | Meet ARPA Dates | Green Enviro. Benefit |
| Sewer | Replace and realign an existing sewer lines in the 1st Ave and 3rd Ave alignments from 145th to 147th as part of the 145th projects | This project realigns and upsizes the existing sewer line to support nearby development in the 145th station area, replace deteriorated pipes and manage sewage flows from Seattle. The realignment in 3rd Ave will also support redevelopment or use of recently acquired 145th property adjacent to the freeway. The timing of project is driven by coordination with the 145th projects. This project is emerging and not fully funded in the Wastewater CIP. | 2024 | \$ 1,100,000 | \$ 1,100,000 | X | X | |
| Storm | Upgrade stormwater pump station 26. (located on 10th Avenue NE just south of NE 185th Street) | This project located in the heart of the 185th Street Light Rail Station Area involves replacing an old, failing stormwater pump station with a new underground pump station facility to better handle high-runoff events and protect the area from flooding. The existing detention pond will be replaced with an underground facility designed to maximize infiltration and flow control to help protect McAleer Creek downstream of the pump station. In addition the project will feature on-site features demonstrating low impact development techniques and include environmental educational signage. In addition, the surface of the site will be intended for public use as a basic park-like setting, with potential development of other park features in the future. | 2023 | \$ 3,405,200 | \$ 2,922,000 | X | X | X |
| Total ARPA funds | | | | \$ 4,505,200 | \$ 4,022,000 | | | |

| Projects Considered and not Recommended for ARPA (Projects Funded through ARPA may allow for a shift in Utility Funding to these Projects) | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|------------------------|--------------------|-----------------|-----------------------|
| Utility | Project | Description | Obligation Date | Possible allocation | Recommended ARPA Funds | Economic Dev. Area | Meet ARPA Dates | Green Enviro. Benefit |
| Storm | NE 148 th St Infiltration Facilities NE 148th Street between 12th Avenue NE and 15th Avenue NE. | Storm runoff on NE 148th Street between 12th Avenue NE and 15th Avenue NE flows to a single catch basin mid-block which is easily overwhelmed and stormwater ponding occurs within large areas on both sides of NE 148th Street. This project will install new stormwater facilities to capture and infiltrate stormwater along both sides of the street. These infiltration facilities will capture runoff, store it below ground, and allow it to naturally soak into the soils below. Some of the facilities will have "rain garden" plants at the surface. Others will have hard surfaces which allow for a vehicle to continue parking above. | 2022 | \$ 250,000 | \$ - | X | X | X |
| Storm | 12th Ave NE Bioretention retrofit (17000 block) | Drainage from 12th Ave NE can cause drainage issues for nearby properties. This project will enhance and expand the existing bioretention facility on the east side of 12th Ave NE to infiltrate more runoff from the street and lessen downstream drainage issues. | 2022 | \$ 200,000 | \$ - | | X | X |
| Storm | Hidden Lake Dam Removal - Phase 1 | Phase 1 of the Hidden Lake Dam removal project includes removal of the dam and artificial lake, construction of trail improvements and restoration of Boeing Creek to natural conditions and habitat for native species. Here incase we want to apply ARPA funding here for another project in recommendation. | 2022 | \$ 1,600,000 | \$ - | | X | X |
| Sewer | 185 th sewer line upgrade from Meridian Avenue to Corliss Avenue (RWD 2023 CIP). | This project upgrades a portion of the existing sewer line in 185th Street in the 185th station area. | 2023 | \$ 325,000 | \$ - | X | X | |
| Sewer | 148th non-motorized bridge manhole adjustment | The project will modify an existing utility hole as part of the non-motorized bridge project. This project serves the 145 th station area. | 2023 | \$ 130,000 | \$ - | X | X | |
| Total | | | | \$ 2,505,000 | \$ - | | | |

RESOURCE/FINANCIAL IMPACT

The \$7,533,842 in ARPA funding the City will receive will cover eligible expenditures that are fully obligated by December 31, 2024. Budgeting these funds will happen through a mid-biennium budget adjustment for the 2021-2022 biennial budget, and then through future biennial budget processes.

RECOMMENDATION

No action is requested tonight. Staff recommends that the City Council provide feedback on the staff recommendation on capital projects to use a portion of the City's ARPA funds.

ATTACHMENTS

Attachment A: List of Sewer General Plan Projects Through 2027

Attachment B: List of Originally Prioritized Sewer General Plan Projects Through 2026
in the Surface Water Master Plan

**TABLE 8.1
CAPITAL IMPROVEMENT PROJECTS (2021-2040)**

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|--------------------------------------|---------------------------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|-------------------------------|-----------------------------------------|
| <i>I. PUMPING</i> | | | | | | |
| P-1 | Lift Station No. 12 Pre-Design Report | Richmond Beach Dr NW | - | - | \$ 50,000 | 2022 |
| P-2 | Lift Station No. 12 Design and Construction | Richmond Beach Dr NW | - | - | \$ 850,000 | 2024 |
| P-3 | Lift Station No. 15 Pre-Design Report | 10th Ave NE | - | - | \$ 50,000 | 2025 |
| P-4 | Lift Station No. 15 Design and Construction | 10th Ave NE | - | - | \$ 1,700,000 | 2027 |
| P-5 | Lift Station No. 5 Pre-Design Report | NW 166th St | - | - | \$ 50,000 | 2028 |
| P-6 | Lift Station No. 5 Design and Construction | NW 166th St | - | - | \$ 1,275,000 | 2030 |
| Subtotal for Pumping Projects | | | | | \$ 3,975,000 | |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
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II. COLLECTION

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|-------------|----------------------------------------------------------|------------------------------------|---|---|---------------|------------------------|
| C-1 | Annual Sewer Repair and Replacement Projects | \$2,500,000 annually (except 2021) | - | - | \$ 47,500,000 | Annually (except 2021) |
| C-2 | Small Works Annual Sewer Repair and Replacement Projects | \$400,000 annually (except 2021) | - | - | \$ 7,600,000 | Annually (except 2021) |
| 2021 CIP-1* | 2021 CIP (Total Cost = \$7,725,000 +/-) | Edmonds Treatment Plant | - | - | \$ 1,500,000 | 2021 |
| 2021 CIP-2* | | Appletree Lane Grinder System | - | - | \$ 700,000 | 2021 |
| 2021 CIP-3* | | Admin Building Ramp | - | - | \$ 100,000 | 2021 |
| 2021 CIP-4* | | Hydraulic Model | - | - | \$ 20,000 | 2021 |
| 2021 CIP-5* | | LS 4 Force Main Improvements | - | - | \$ 1,300,000 | 2021 |
| 2021 CIP-6* | | 145th Street Sewer / ST | - | - | \$ 480,000 | 2021 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
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II. COLLECTION cont.

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|--------------|--------------------------------------------------|--------------------------------------|---|---|--------------|------|
| 2021 CIP-7* | 2021 CIP Cont. (Total Cost = \$7,725,000 +/-) | Storm Creek Repairs | - | - | \$ 200,000 | 2021 |
| 2021 CIP-8* | | LS's Cathodic Protection | - | - | \$ 250,000 | 2021 |
| 2021 CIP-9* | | Seismic Work | - | - | \$ 175,000 | 2021 |
| 2021 CIP-10* | | O&M CIP Ridgecrest 5 | - | - | \$ 2,500,000 | 2021 |
| 2021 CIP-11* | | Corridor CIP 145th, 175th, and 185th | - | - | \$ 500,000 | 2021 |
| 2021 CIP-12* | | Small Works System Repairs | - | - | \$ 200,000 | 2021 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
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II. COLLECTION cont.

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|----------|-------------------------------------------|----------------------------------------------------------------------------------------------------|------------|------------|---|------|
| 2022 CIP | 2022 CIP (Total Cost = \$1,500,000+/-) | Replace approximately 213 feet of 8" pipe with 10" pipe between I6038 and I6076 along NE 200th St | \$ 163,491 | \$ 205,201 | - | 2022 |
| | | Replace approximately 87 feet of 8" pipe with 15" pipe between I6076 and I6077 along NE 200th St | \$ 72,539 | \$ 89,063 | - | 2022 |
| | | Replace approximately 330 feet of 8" pipe with 12" pipe between I6077 and J6017 along NE 200th St | \$ 261,790 | \$ 324,739 | - | 2022 |
| | | Replace approximately 628 feet of 8" pipe with 10" pipe between J6017 and J6019 along 25th Ave NE | \$ 483,317 | \$ 606,621 | - | 2022 |
| | | Replace approximately 384 feet of 10" pipe with 12" pipe between J6019 and J6020 along 25th Ave NE | \$ 304,312 | \$ 377,484 | - | 2022 |
| | | Replace approximately 310 feet of 10" pipe with 15" pipe between J6020 and J6022 along 25th Ave NE | \$ 257,252 | \$ 315,851 | - | 2022 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
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II. COLLECTION cont.

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|----------|--------------------------------------------|-----------------------------------------------------------------------------------------------|------------|------------|---|------|
| 2023 CIP | 2023 CIP (Total Cost = \$1,300,000 +/-) | Replace 333 feet of 8" pipe with 10" pipe between F5100 and G5077 on N 185th St | \$ 256,507 | \$ 321,948 | - | 2023 |
| | | Replace approximately 10 feet of 8" pipe with 10" pipe between G5076 and G4025 on 1st Ave NE | \$ 7,694 | \$ 9,656 | - | 2023 |
| | | Replace approximately 271 feet of 8" pipe with 12" pipe between G4025 and G4026 on 1st Ave NE | \$ 214,827 | \$ 266,483 | - | 2023 |
| | | Replace approximately 351 feet of 8" pipe with 10" pipe between G4026 and G4027 on 1st Ave NE | \$ 269,664 | \$ 338,460 | - | 2023 |
| | | Replace approximately 351 feet of 8" pipe with 10" pipe between G4028 and G4029 on 1st Ave NE | \$ 283,128 | \$ 355,359 | - | 2023 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
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II. COLLECTION cont.

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| 2024 CIP | 2024 CIP (Total Cost = \$1,700,000 +/-) | Replace approximately 575 feet of 8" pipe with 10" pipe between E1070 and E1068 along Linden Ave N and N 155th St | \$ 442,079 | \$ 554,862 | - | 2024 |
| | | Replace approximately 675 feet of 8" pipe with 10" pipe between E1047 and E1056 along the Interurban Trail | \$ 519,631 | \$ 652,200 | - | 2024 |
| | | Replace approximately 400 feet of 8" pipe with 10" pipe between E1065 and E1066 along the Interurban Trail | \$ 307,824 | \$ 386,356 | - | 2024 |
| | | Replace approximately 75 feet of 8" pipe with 12" pipe between E1066 and E1067 along the Interurban Trail | \$ 59,498 | \$ 73,804 | - | 2024 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
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II. COLLECTION cont.

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| 2025 CIP-1 | 2025 CIP 1 (Total Cost = \$700,000 +/-) | Replace approximately 272 feet of 8" force main with 12" force main between H4029 and H4103 along 10th Ave NE and NE 185th St | \$ 523,581 | \$ 649,478 | - | 2025 |
| 2025 CIP-2 | 2025 CIP 2 (Total Cost = \$1,000,000 +/-) | Replace approximately 634 feet of 8" pipe with 10" pipe between H4001 and H4030 along NE 185th St | \$ 487,626 | \$ 612,029 | - | 2025 |
| | | Replace approximately 300 feet of 8" pipe with 10" pipe between H4103 and H4102 along NE 185th St | \$ 230,503 | \$ 289,309 | - | 2025 |
| | | Replace approximately 147 feet of 8" pipe with 12" pipe between I4001 and I4002 along NE 185th St | \$ 116,378 | \$ 144,361 | - | 2025 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
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II. COLLECTION cont.

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|----------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------|------------|---|------|
| 2026 CIP | 2026 CIP (Total Cost = \$1,200,000 +/-) | Replace approximately 271 feet of 12" pipe with 15" pipe between F2004 and F2005 along the Interurban Trail and Aurora Ave N | \$ 224,763 | \$ 275,961 | - | 2026 |
| | | Replace approximately 302 feet of 15" pipe with 21" pipe between E2075 and E2067 along Westminster Way | \$ 270,363 | \$ 338,857 | - | 2026 |
| | | Replace approximately 560 feet of 18" pipe with 21" pipe b/t E2066 and E2064 along N 160th St | \$ 501,514 | \$ 628,568 | - | 2026 |
| 2027 CIP | 2027 CIP (Total Cost = \$1,900,000 +/-) | Replace approximately 613 feet of 18" pipe with 21" pipe between E3007 and E3001 along Carlyle Hall Rd | \$ 548,783 | \$ 687,812 | - | 2027 |
| | | Replace approximately 820 feet of 21" pipe with 24" pipe between E3001 and D3020 along Carlyle Hall Rd | \$ 754,598 | \$ 948,585 | - | 2027 |
| | | Replace approximately 185 feet of 18" pipe with 24" pipe between E3019 and D3020 along Carlyle Hall Rd | \$ 170,245 | \$ 214,010 | - | 2027 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|

II. COLLECTION cont.

| | | | | | | |
|----------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|---|------|
| 2028 CIP | 2028 CIP (Total Cost = \$800,000 +/-) | Replace approximately 751 feet of 15" pipe with 21" pipe between G4050 and G4052 and fix flow pattern in downstream MH (G4052) on N 175th St (G4051 to G4052 is not overcapacity but has been added by O&M due to belly) | \$ 672,595 | \$ 842,990 | - | 2028 |
| 2029 CIP | 2029 CIP (Total Cost = \$800,000 +/-) | Replace approximately 366 feet of 8" pipe with 10" pipe between I6058 and I6060 along NE 196th St | \$ 281,589 | \$ 353,428 | - | 2029 |
| | | Replace approximately 86 feet of 8" pipe with 10" pipe between I5002 and I5003 along NE 195th St | \$ 66,243 | \$ 83,142 | - | 2029 |
| | | Replace approximately 130 feet of 12" pipe with 15" pipe between I5016 and I5019 in easements | \$ 107,936 | \$ 132,523 | - | 2029 |
| | | Replace approximately 274 feet of 12" pipe with 15" pipe between I5024 and I5025 along NE 190th St | \$ 227,588 | \$ 279,430 | - | 2029 |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|

II. COLLECTION cont.

| | | | | | | |
|----------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|------------|------------|---------------|--------------|
| 2030 CIP | 2030 CIP (Total Cost = \$1,200,000 +/-) | Replace approximately 549 feet of 18" pipe with 21" pipe between E2037 and E2042 along Fremont Pl | \$ 491,398 | \$ 615,889 | - | 2030 |
| | | Replace approximately 525 feet of 18" pipe with 21" pipe between E2043 and E2048 along Greenwood Dr | \$ 405,902 | \$ 508,734 | - | 2030 |
| | | Replace approximately 71 feet of 15" pipe with 18" pipe between E2048 and E2049 along Greenwood Dr | \$ 62,048 | \$ 75,073 | - | 2030 |
| N/A | Obligated Future CIP | 40% cost of specific City of Seattle-owned sewer main replacement projects per agreement | - | - | \$ 15,658,674 | Undetermined |
| N/A | Future CIP | Replace approximately 975 feet of 8" pipe with 10" pipe between E5038 and E5054 in easements and along N 192nd St | \$ 750,442 | \$ 941,895 | - | - |
| N/A | Future CIP | Replace approximately 710 feet of 8" pipe with 10" pipe between H6026 and H6028 along NE 200th St | \$ 546,405 | \$ 685,804 | - | - |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|

II. COLLECTION cont.

| | | | | | | |
|-----|------------|----------------------------------------------------------------------------------------------------------------|------------|------------|---|---|
| N/A | Future CIP | Replace approximately 405 feet of 8" pipe with 10" pipe between I2014 and I2016 in Fircrest | \$ 311,748 | \$ 391,281 | - | - |
| N/A | Future CIP | Replace approximately 210 feet of 12" pipe with 15" pipe between C5019 and C5020 along NW 191st St | \$ 174,327 | \$ 214,036 | - | - |
| N/A | Future CIP | Replace approximately 1,015 feet of 10" pipe with 12" pipe between F3022 and F3059 along the Interurban Trail | \$ 805,363 | \$ 999,015 | - | - |
| N/A | Future CIP | Replace approximately 591 feet of 10" pipe with 12" pipe between H3064 and H3066 along NE 170 St and 11 Ave NE | \$ 469,160 | \$ 581,971 | - | - |
| N/A | Future CIP | Replace approximately 259 feet of 15" pipe with 18" pipe between F6087 and F6088 along N 205th St | \$ 225,305 | \$ 272,599 | - | - |
| N/A | Future CIP | Replace approximately 309 feet of 8" pipe with 10" pipe between E4017 and E4016 on Evanston Ave N | \$ 237,966 | \$ 298,675 | - | - |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|

II. COLLECTION cont.

| | | | | | | |
|-----------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------|---|
| N/A | Future CIP | Replace approximately 592 feet of 12" pipe with 15" pipe between F6053 and F6056 in easements and along Ashworth Place N | \$ 492,236 | \$ 604,360 | - | - |
| N/A | Future CIP | Replace approximately 962 feet of 8" pipe with 10" pipe between E4029 and E4022 on N 175th St and Fremont Ave N | \$ 739,748 | \$ 928,472 | - | - |
| N/A | Future CIP | Replace approximately 237 feet of 18" pipe with 21" pipe between D3008 and D3006 along 3rd Ave NW | \$ 212,172 | \$ 265,924 | - | - |
| N/A | Future CIP | Replace approximately 292 feet of 14" pipe with 15" pipe between F6043 and F6053 along the Interurban Trail | \$ 242,711 | \$ 297,997 | - | - |
| N/A | Future CIP | Replace approximately 313 feet of 8" pipe with 10" pipe between I2012 and I2013 in Fircrest | \$ 240,428 | \$ 301,766 | - | - |
| Subtotal for Collection Projects | | | | | \$ 98,025,736 | |

| ID | Capital Improvement Project | Project Location and/or Description | Estimated Project Cost via Pipebursting | Estimated Project Cost via Open Cut | Estimated Project Cost | Recommended Year of Construction |
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|
|----|-----------------------------|-------------------------------------|-----------------------------------------|-------------------------------------|------------------------|----------------------------------|

III. OTHER

| | | | | | | |
|-------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------|---|---|-----------------------|------------------------|
| O-1 | Personnel Retrieval Davits for Lift Stations | Various | - | - | \$ 70,000 | 2022 |
| O-2 | Vibration Analysis, Thermal Imaging, and Energy Audit on Lift Stations | Various | - | - | \$ 25,000 | 2023 |
| O-3 | Lift Station No. 3 Backup Power | 15th Ave NW | - | - | \$ 435,000 | 2024 |
| O-4 | Lift Station No. 11 Backup Power | 17th Ave NW | - | - | \$ 522,000 | 2026 |
| O-5 | Lift Station No. 14 Backup Power | NE 178th St | - | - | \$ 557,000 | 2028 |
| O-6 | Annual I/I and Hydraulic Model Update and Review | \$35,000 annually (except 2021) | - | - | \$ 665,000 | Annually (except 2021) |
| Subtotal for Other Projects | | | | | \$ 2,274,000 | |
| Capital Projects (2021-2040) Grand Total¹ | | | | | \$ 104,274,736 | |

¹ All estimated project costs in this table are a preliminary estimate for budget purposes. Project costs are subject to refinement of project objectives, scope, and more detailed cost estimates. All costs are in 2020 dollars.

TABLE 8.2
10-YEAR CAPITAL IMPROVEMENT PLAN (2021-2030)

| ID | Capital Improvement (See Table 8.1 for detailed description) | Funding Source* | Estimated Project Cost - Thousands (2020 \$) | | | | | | | | | |
|-------------------------------|--------------------------------------------------------------------|--------------------|----------------------------------------------|------|------|------|------|------|-------|------|------|-------|
| | | | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
| I. PUMPING | | | | | | | | | | | | |
| P-1 | Lift Station No. 12 Pre- Design Report | A,C | - | 50 | - | - | - | - | - | - | - | - |
| P-2 | Lift Station No. 12 Design and Construction | A,C | - | - | - | 850 | - | - | - | - | - | - |
| P-3 | Lift Station No. 15 Pre- Design Report | A,C | - | - | - | - | 50 | - | - | - | - | - |
| P-4 | Lift Station No. 15 Design and Construction | A,C | - | - | - | - | - | - | 1,700 | - | - | - |
| P-5 | Lift Station No. 5 Pre- Design Report | A,C | - | - | - | - | - | - | - | 50 | - | - |
| P-6 | Lift Station No. 5 Design and Construction | A,C | - | - | - | - | - | - | - | - | - | 1,275 |
| Subtotal for Pumping Projects | | | - | 50 | - | 850 | 50 | - | 1,700 | 50 | - | 1,275 |

| ID | Capital Improvement (See Table 8.1 for detailed description) | Funding Source* | Estimated Project Cost - Thousands (2020 \$) | | | | | | | | | |
|----|--------------------------------------------------------------------|--------------------|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| | | | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |

II. COLLECTION

| | | | | | | | | | | | | |
|----------|----------------------------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C-1 | Annual Sewer Repair and Replacement Projects | C | - | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| C-2 | Small Works Annual Sewer Repair and Replacement Projects | C | - | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 2021 CIP | 2021 CIP | C | 7,925 | - | - | - | - | - | - | - | - | - |
| 2022 CIP | 2022 CIP | C | - | 1,919 | - | - | - | - | - | - | - | - |
| 2023 CIP | 2023 CIP | C | - | - | 1,292 | - | - | - | - | - | - | - |
| 2024 CIP | 2024 CIP | C | - | - | - | 1,667 | - | - | - | - | - | - |
| 2025 CIP | 2025 CIP | C | - | - | - | - | 1,695 | - | - | - | - | - |
| 2026 CIP | 2026 CIP | C | - | - | - | - | - | 1,243 | - | - | - | - |
| 2027 CIP | 2027 CIP | C | - | - | - | - | - | - | 1,850 | - | - | - |
| 2028 CIP | 2028 CIP | C | - | - | - | - | - | - | - | 843 | - | - |
| 2029 CIP | 2029 CIP | C | - | - | - | - | - | - | - | - | 849 | - |

| ID | Capital Improvement (See Table 8.1 for detailed description) | Funding Source* | Estimated Project Cost - Thousands (2020 \$) | | | | | | | | | |
|----|--------------------------------------------------------------------|--------------------|----------------------------------------------|------|------|------|------|------|------|------|------|------|
| | | | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |

II. COLLECTION Cont.

| | | | | | | | | | | | | |
|-----------------------------------------|----------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2030 CIP | 2030 CIP | C | - | - | - | - | - | - | - | - | - | 1,200 |
| Subtotal for Collection Projects | | | 7,925 | 4,819 | 4,192 | 4,567 | 4,595 | 4,143 | 4,750 | 3,743 | 3,749 | 4,100 |

III. OTHER

| | | | | | | | | | | | | |
|------------------------------------|---------------------------------------------------------------------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| O-1 | Personnel Retrieval Davits for Lift Stations | A,C | - | 70 | - | - | - | - | - | - | - | - |
| O-2 | Vibration Analysis, Thermal Imaging, and Energy Audit on Lift Stations | A,C | - | - | 25 | - | - | - | - | - | - | - |
| O-3 | Lift Station No. 3 Backup Power | A,C | - | - | - | 435 | - | - | - | - | - | - |
| O-4 | Lift Station No. 11 Backup Power | A,C | - | - | - | - | - | 522 | - | - | - | - |
| O-4 | Lift Station No. 14 Backup Power | A,C | - | - | - | - | - | - | - | 557 | - | - |
| O-5 | Annual I/I and Hydraulic Model Update and Review | A,C | - | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| Subtotal for Other Projects | | | - | 105 | 60 | 470 | 35 | 557 | 35 | 592 | 35 | 35 |
| Grand Total | | | 7,925 | 4,974 | 4,252 | 5,887 | 4,680 | 4,700 | 6,485 | 4,385 | 3,784 | 5,410 |

* the capital projects for 2021 have been documented and approved by the District Board via resolution in November 2020

** Funding Sources: A- GFC Funded from District General Facilities Charges revenue
 B- LFC Constructed by developer extension, or by District with subsequent cost recovery thru
 Local Facilities Charge revenue
 C- Rates System improvements projects funded by sewer service charges and bonds

Surface Water Utility Fund: Capital Improvement Program Summary 2021-2026

| | 2021E | 2022E | 2023E | 2024E | 2025E | 2026E | 2021-2026 TOTAL |
|------------------------------------------------------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|------------------|
| PROJECT EXPENDITURES | | | | | | | |
| CAPACITY | | | | | | | |
| 10TH AVE NE DRAINAGE IMPROVEMENTS | \$ 251,481.00 | \$ 102,230.00 | \$ 5,000.00 | \$ 1,679,412.00 | \$ - | \$ - | \$ 2,038,123.00 |
| 25TH AVE NE DITCH IMPROV BETWEEN NE 177TH AND 178TH STREET | \$ 104,783.00 | \$ 104,816.00 | \$ 1,525,126.00 | \$ - | \$ - | \$ - | \$ 1,734,725.00 |
| 25TH AVE. NE FLOOD REDUCTION IMPROVEMENTS | \$ 56,275.00 | \$ 50,000.00 | \$ 50,000.00 | \$ - | \$ - | \$ - | \$ 156,275.00 |
| HERON CREEK CULVERT CROSSING AT SPRINGDALE CT NW | \$ - | \$ 446,900.00 | \$ 460,307.00 | \$ 1,703,990.00 | \$ 958,311.00 | \$ - | \$ 3,569,508.00 |
| NE 148TH INFILTRATION FACILITIES | \$ 74,800.00 | \$ 527,034.00 | \$ - | \$ - | \$ - | \$ - | \$ 601,834.00 |
| NW 195TH PLACE AND RICHMOND BEACH DRIVE FLOODING | \$ - | \$ 435,098.00 | \$ 449,573.00 | \$ - | \$ - | \$ - | \$ 884,671.00 |
| 12TH AVENUE NE BIORETENTION POND RETROFITS* | \$ - | \$ 200,000.00 | \$ - | \$ - | \$ - | \$ - | \$ 200,000.00 |
| REPAIR AND REPLACEMENT | | | | | | | |
| HIDDEN LAKE DAM REMOVAL | \$ 370,267.20 | \$ 2,544,268.00 | \$ 52,989.00 | \$ 4,438,500.00 | \$ - | \$ - | \$ 7,406,024.20 |
| PUMP STATION 26 IMPROVEMENTS | \$ 211,755.00 | \$ 3,374,254.00 | \$ - | \$ - | \$ - | \$ - | \$ 3,586,009.00 |
| PUMP STATION 30 UPGRADES | \$ 1,000.00 | \$ 290,000.00 | \$ 1,854,613.00 | \$ - | \$ - | \$ - | \$ 2,145,613.00 |
| PUMP STATION MISCELLANEOUS IMPROVEMENTS | \$ 83,650.00 | \$ 404,960.00 | \$ - | \$ - | \$ - | \$ - | \$ 488,610.00 |
| STORMWATER PIPE REPLACEMENT PROGRAM | \$ 1,148,936.00 | \$ 868,520.00 | \$ 1,626,100.00 | \$ 500,000.00 | \$ 50,000.00 | \$ 1,500,000.00 | \$ 5,693,556.00 |
| SURFACE WATER SMALL PROJECTS | \$ 853,536.00 | \$ 841,906.00 | \$ 767,877.00 | \$ 772,898.00 | \$ 50,000.00 | \$ 650,000.00 | \$ 3,936,217.00 |
| STORM CREEK EROSION MANAGEMENT** | \$ - | \$ 320,000.00 | \$ 680,000.00 | \$ - | \$ - | \$ - | \$ 1,000,000.00 |
| BARNACLE CREEK CULVERT REPLACEMENT** | \$ - | \$ 250,000.00 | \$ 250,000.00 | \$ 1,500,000.00 | \$ - | \$ - | \$ 2,000,000.00 |
| PROJECTS TO BE COMPLETED IN CURRENT BIENNIUM (2019-2020) | | | | | | | |
| SYSTEM CAPACITY MODELING STUDY | \$ 142,890.90 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 142,890.90 |
| WESTMINSTER WAY N PIPE REPLACEMENT | \$ 505,000.00 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 505,000.00 |
| NON-PROJECT SPECIFIC | | | | | | | |
| SURFACE WATER MASTER PLAN | \$ - | \$ 289,819.00 | \$ 298,513.00 | \$ - | \$ - | \$ - | \$ 588,332.00 |
| SURFACE WATER CAPITAL ENGINEERING | \$ 179,427.00 | \$ 198,722.00 | \$ 223,270.00 | \$ 248,770.00 | \$ 258,720.80 | \$ 269,069.63 | \$ 1,377,979.43 |
| COST ALLOCATION CHARGES | \$ 221,814.00 | \$ 173,201.00 | \$ 209,357.00 | \$ 209,357.00 | \$ 238,762.00 | \$ 245,925.00 | \$ 1,298,416.00 |
| TRANSFERS OUT | \$ 238,495.36 | \$ 814,966.64 | \$ - | \$ - | \$ - | \$ - | \$ 1,053,462.00 |
| TOTAL CAPITAL EXPENDITURES | \$ 4,444,110.46 | \$ 12,236,694.64 | \$ 8,452,725.00 | \$ 11,052,927.00 | \$ 1,555,793.80 | \$ 2,664,994.63 | \$ 40,407,245.53 |

* Originally proposed as 2021 design CIP under 2018 Surface Water Master Plan; removed as projectfrom previous CIPs when smaller projects were rolled into SW Small Projects Program; shown here as standalone

**Proposed as new high priority projects starting in 2022, not yet authorized