



2017-2023 Capital Investment Program Plan

Executive Summary:

The 2017-2023 Preliminary General Capital Investment Program (CIP) plan is balanced over the seven years and serves as a catalyst for future development within a constrained budget. The Preliminary CIP for 2017-2023 totals \$485 million.

The 2017-2023 CIP plan accomplishes the following:

- Advances the Council Priorities and adds new project funding above the 2015-2021 amended budget – total of \$41 million
- Ensures debt obligations are met
- Prepares the City for Transportation Infrastructure Financing and Innovation Act (TIFIA) projects
- Maintains existing infrastructure in alignment with Council policy and increases the Overlay Program by \$1M/year starting in 2022 to address needed residential work
- Provides for transportation and mobility improvements
- Fulfills general government capital responsibilities
- Keeps the Parks Levy commitment and provides other quality of life amenities
- Provides for neighborhood programs

As the City builds new infrastructure, there is not a mechanism to ensure that the additional M&O needed in the operating funds for future facilities is accounted for. Over time, this will place increasing pressure on the operating budgets.

In 2016, the City Council took considerable time and effort to review the fiscal condition of the general capital investment program plan. In response, Council acted by placing two ballot measures on the November ballot. If passed, the measures will assist in addressing some of the infrastructure backlog that the city faces. In addition, Council has directed staff to continue to pursue a Transportation Infrastructure and Financing Innovation Act (TIFIA) loan from the federal government. If secured, the loan will assist with the creation of the Bed-Red Street Network – a total of 12 multimodal roadways planned to support the new Bel-Red neighborhood. The preliminary budget does not include the potential impacts of either a TIFIA loan or the ballot measure(s).



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TOTAL CIP OVERVIEW

The City Manager’s preliminary 2017-2023 General CIP Plan totals \$485 million. Broken down as follows:

Project Type	Total	
	# of Proposals	2017-2023 Amount (\$000's)
Debt Service Projects ^{1,2}	8	\$168,294
Ongoing Programs – Maintenance ³	10	116,546
Discrete Projects and Ongoing – Build New ⁴	54	200,026
Total 2017-2023	72	\$484,866

¹ The preliminary CIP Modeled cash flow borrowing totals \$31.9M with payback within the 2017-2023 plan in alignment with Council policy. The cash flow borrowing is not anticipated to be issued, and staff will not be asking Council for issuance at this time. If cash flow borrowing is needed in future, staff will return to Council to address.

² Inclusive in the cash flow borrowing is \$2 million of interest costs over the 7-year timeframe.

³ Council policy states that the City will maintain existing infrastructure before building new; Ongoing Programs – Maintenance accounts for this policy and includes programs such as Parks Renovation and Refurbishment and Transportation Overlay, among others.

⁴ Discrete projects and Ongoing – Build New include all other CIP programs and projects.

2017-2023 General CIP Financial plan note Revenue by Source

	2017	2018	2019	2020	2021	2022	2023	Total Prelim 2017-2023
2017-2023 Early Look Capital Investment Program								
Revenue Type								
Beginning Fund Balance	\$ 1,711,147	\$ (0)	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,711
Short-term Cash Flow Borrowing	\$ 17,291	\$ 8,966	\$ -	\$ 3,606	\$ -	\$ -	\$ -	\$ 29,863
MAJOR TAXES								
Retail Sales Tax	\$ 17,051	\$ 18,271	\$ 19,080	\$ 19,792	\$ 20,062	\$ 20,475	\$ 21,392	\$ 136,123
B&O Tax	10,395	11,038	11,481	11,914	12,364	12,859	13,330	83,382
Real Estate Excise Tax (REET)	14,154	13,966	14,370	14,096	13,828	13,828	13,828	98,070
Parks Levy	3,389	3,389	3,389	3,388	3,390	3,388	3,389	23,722
2015 Levy Revenue (New Sales Tax Contribution)	694	694	694	694	694	694	694	4,855
Motor Vehicle Fuel Tax (MVFT)	1,377	1,385	1,393	1,400	1,400	1,400	1,400	9,755
Subtotal Major Taxes	\$ 47,058	\$ 48,743	\$ 50,406	\$ 51,284	\$ 51,738	\$ 52,645	\$ 54,033	\$ 355,908
INTERGOVERNMENTAL								
Federal Grants	\$ 2,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,617
Grants	5,745	394	1,500	3,918	-	-	-	11,557
Interlocal Contributions	12,221	2,839	513	99	99	175	175	16,122
Rents and Leases	30	30	30	30	30	30	30	210
Subtotal Intergovernmental	\$ 20,614	\$ 3,263	\$ 2,043	\$ 4,047	\$ 129	\$ 205	\$ 205	\$ 30,506
OTHER RESOURCES								
Transfers from Other City Funds	\$ 1,129	\$ 729	\$ 529	\$ 652	\$ 350	\$ 350	\$ 350	\$ 4,088
WA State Funding - Annexation Sales Tax	-	2,160	-	-	-	-	-	2,160
Private Contributions	685	176	27	27	28	29	29	1,002
Sale of Fixed Assets	3,455	-	-	-	-	-	-	3,455
Investment Interest	247	247	247	247	247	247	247	1,730
Transportation Impact Fees**	7,110	7,320	7,540	7,770	7,992	8,232	8,479	54,442
Subtotal Other Resources	\$ 12,626	\$ 10,632	\$ 8,343	\$ 8,697	\$ 8,617	\$ 8,858	\$ 9,105	\$ 66,878
Grand Total Revenues	\$ 99,301	\$ 71,604	\$ 60,792	\$ 67,634	\$ 60,485	\$ 61,707	\$ 63,344	\$ 484,866
Total Expenditures***	\$ 99,301	\$ 71,604	\$ 60,792	\$ 67,633	\$ 60,485	\$ 61,707	\$ 63,344	\$ 484,866
Ending Fund Balance	\$ (0)	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ (0)	\$ 0



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PRELIMINARY GENERAL CIP

This transmittal summarizes the City Manager’s 2017-2023 Preliminary General CIP, proposing a balanced CIP.

In 2014, Council had a significant amount of discussion regarding the city’s capital investment strategy, including the gap between the large list of unfunded, capital projects and the existing revenue streams. The conclusion reached in 2014 noted that there remained a large potential projects list throughout the city totaling an estimated \$1.2 billion (2014\$), with the acknowledgement that the list is neither complete nor validated beyond the near term. Based on the existing revenue stream, approximately \$400 million (2014\$) is estimated to be available over the next 20 years for all discretionary projects (i.e. projects other than debt and ongoing maintenance), leaving a gap of \$800 million over the 20 years. This analysis was updated in 2016 and the conclusions reached were the same.

In 2016, the City Council took considerable time and effort to review the fiscal condition of the general capital investment program. In response Council acted by placing two ballot measures on the November ballot. If passed, the measures will assist in addressing some of the infrastructure backlog that the city faces. In addition, Council has directed staff to continue to pursue a Transportation Infrastructure and Financing Innovation Act (TIFIA) loan from the federal government. If secured, the loan will assist with the creation of the Bed-Red Street Network – a total of 12 multimodal roadways planned to support the new Bel-Red neighborhood. The preliminary budget does not include the impacts of either a TIFIA loan, or the ballot measure(s).

The preliminary budget strategy allows for continued progress on meeting the City’s capital investment needs. The existing and new projects proposed for funding in the 2017-2023 CIP fall into several themes, with some projects falling into more than one category. Project themes include:

- The adopted 2-year Council Priorities provide foundational policy direction received during development of the 2017-2023 CIP. The Preliminary Budget includes new funding for projects directly implementing a council priority. The preliminary 7-Year Plan “cash flow” identifies Council Priorities by priority number and the “waterfall” notes a blue “X” on all council priority projects. The list below details the new discrete funding related to Council Priorities. Staff recognizes that this list is not comprehensive but represents projects with the clearest links to Council Priorities and other projects may have further links.

Council Priority	CIP Plan #	Project Title	2017-2023 Costs*
Economic Development			
#1 & #2 Economic Development	G-105	Competitiveness and Collaboration (recosting)	\$296K
Transportation and Mobility			
#3- Execute Transportation capital plans for future growth and mobility	Multiple	Multiple new transportation projects with new funding adds for 2017-2023 (\$18.3M)	\$18.3M



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Council Priority	CIP Plan #	Project Title	2017-2023 Costs*
#4- Implement projects in neighborhoods on safety and connectivity	PW-M-7	Neighborhood Traffic Safety Program (2yr – 2022 and 2023)	\$773K
	PW-M/B-56	Pedestrian and Bicycle Access Improvements (2yr – 2022 and 2023)	\$1.0M
	PW-M/B-76	Neighborhood Sidewalks (2yr – 2022 and 2023)	\$2.6M
#5- Advocate with state DOT and regional agencies for acceleration	PW-R-192	124th Avenue NE at SR 520 (new)	\$250K
#6- Continue the permitting on light rail and mitigate impacts	PW-R-159	East Link Analysis and Development (recosting)	\$581K
High Quality Built and Natural Environment			
#8-Affordable Housing Strategic Action Plan	G-108	Supplemental Housing Trust Fund Investment (new)	\$80K
#9- Construct Phase 1 of Meydenbauer Bay Park and Downtown Park circle	P-AD-92	Meydenbauer Bay Phase 1 Park Development (recosting)	\$4.2M
	P-AD-100	Gateway/Entry to Downtown Park (recosting)	\$3.0M
#10- Bring a Smart City strategy to the Council for consideration	G-38	Expanded Community Connectivity (scope)	\$1.3M
	PW-R-156	ITS Master Plan Implementation Program (2yr – 2022 and 2023)	\$1M
#11- Complete the Downtown Livability project in 2016	CD-37	Downtown Community/Livability (new)	4.153M
Great Places Where You Want to Be			
#12- Create a civic center plan	CD-41	Civic Center Plan (new)	550K
#13- Establish the vision for the Grand Connection	CD-44	Grand Connection-Early Implementation (new)	2.0M
#14- Complete the first mile of the Eastside Rail Corridor	G-103	Eastside Rail Corridor (recosting)	\$1.0M
High Performance Government			
#21- Complete implementation of hearing accessibility within public meeting areas	G-04	Hearing Accessibility for Public Spaces (scope)	\$240K
		TOTAL	\$41.327M
*New funding beyond the 2015-2021 Amended Budget			

- Ensures debt obligations are met.
- Prepares the City for a Transportation Infrastructure Financing and Innovation Act (TIFIA) loan with the inclusion of council amendments for a TIFIA debt service project to provide funding for the known administrative TIFIA costs and provides funding to ensure all TIFIA projects will be at NEPA (National Environmental Policy Act) before a TIFIA loan is secured.
- Provides for transportation and mobility improvements; including projects on 120th and 124th corridors, NE Spring Zone 1, Downtown transportation plan, West Lake Sammamish Phase 2, and others.
- Fulfills general government capital responsibilities such as developing a long range property and facilities plan to leverage the City’s investment in property to meet the community’s need in a comprehensive and integrated way, Citywide Security Improvements and investing in Hearing Assistance for Public Spaces.
- Keeps the Parks Levy commitment and provides other quality of life amenities through several programs including Park & Open Space Acquisition, NE Entry at Downtown Park, and Meydenbauer Phase I
- Provides for neighborhood programs such as the Neighborhood Enhancement Program.



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Changes from the 2015-2021 amended CIP

The 2015-2021 amended CIP is the adopted mid-biennium 2015-2021 CIP plus any budget amendments adopted by Council through October 10, 2016.

The 2017-2023 preliminary CIP continues all projects in the 2015-2021 amended CIP and it adds the following over the 7-year timeframe:

CIP Plan #	Project Title	2017-2023 New Projects	Brief Description
CD-30	Station Area Planning Implementation	\$5.5M	Setting up pedestrian and bicycle access to Sound Transit stations including Bel-Red and Main Street
CD-37	Downtown Community/Livability	4.153M	Downtown improvements: parking study, landscaped medians, wayfinding improvements
CD-41	Civic Center Plan	550K	Master plan for Civic Center District
CD-44	Grand Connection Implementation	2.0M	Connection of Downtown and Wilburton Commercial areas
G-108	Supplemental Housing Trust Fund Investment	80K	Operating transfer to Housing and Trust Fund in 2017-2018
NCS01	Long-Range Property & Facilities Plan	280K	Master plan for Civic Center District
NCS03	Citywide Security Improvements	350K	Strategically add/upgrade systems based on assessment
PW-R-192	124 th Ave NE at SR 520	250K	Staff to connect with DOT as DOT constructs ramp and interchange improvements at 520 and 124th Ave NE
PW-R-193	BelRed Corridor Local Street Network	432K	Fund additional planning and prelim engineering for new street grid.
PW-R-194	West Lake Sammamish Parkway Phase 3	1.0M	Early design for Phase 3

\$14.595M

Total changes from the 2015-2021 include:

- Adding 2 years (2022-2023) of debt service payments of \$39 million and the modeled payback of cash flow borrowing of \$31 million,
- In alignment with Council Policy, the preliminary budget adds 2 years (2022-2023) for ongoing programs that maintain what is built before building new, totaling \$34 million. This includes projects like the Overlay program, Parks Refurbishment and Renovation program, major maintenance, and others.
- The preliminary CIP also provides for recosting to a current project due to a change costs with no change in scope, such as costs to the project to move to full design, as well as increased costs due to construction right of way, and others. Total recosting is \$30 million over the 7 year period.
- The preliminary budget also provides for scope changes to projects that have a cost impact due to an enhancement or change in project scope. Examples include PW-M-1 Overlay Program scope change to address residential streets in 2022-2023, and funding for \$1.3 million of implementation funding for G-38, Expanded Community Connectivity. Total scope cost increase is \$6 million.
- Projects with cost increases that are revenue backed account for \$6 million.



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- New projects included (noted above) account for \$15 million.
- Lastly, projects that traditionally have been programs that build new infrastructure yet are referred to and continuing programs, such as public art program, neighborhood enhancement, park planning and design, neighborhood sidewalks, etc... account for \$14 million.

The City Manager's Preliminary Budget continues to raise concern and awareness on the future impact of minor maintenance and operations (M&O) costs as new infrastructure is completed. While major maintenance and renovation projects are contained within the CIP, minor maintenance is funded through the operating funds. Financial Policy IX.H implemented during the development of the 2011-2017 CIP provides:

“Proposals for CIP project funding shall include the estimated future M&O cost, to provide full cost disclosure. Such M&O costs anticipated to be incurred in the upcoming biennium should be included in operating budget proposals for funding consideration. As of 2011, funding for existing CIP M&O is provided by a distribution of the City's Sales Tax revenue, split between 75 percent General Fund and 25 percent CIP. The dollar amount for CIP M&O is adjusted upward each year by the anticipated Consumer Price Index for all Urban Consumers (CPI-U) after first making any necessary adjustments (e.g., partial vs full-year costs) and eliminating any one-time items. The distribution amounts should be reviewed periodically by Council for reasonableness and potential adjustment.” (Source: Financial Policy)

This policy provides adequate funding for minor maintenance on existing infrastructure. However, the concern continues that as the City builds new infrastructure, there is not a mechanism to ensure additional M&O funding for these future facilities. Over time, this will place increasing pressure on the operating budget. This CIP does not address this issue, but simply raises it as a concern.

Resource Drivers:

The following section discusses the major resource drivers for the 2017-2023 General CIP Preliminary Budget.

Major Taxes

Taxes (\$355.9 million). The General CIP tax revenue base of sales, business and occupation (B&O), parks levy, real estate excise taxes (REET), and motor vehicle fuel tax (MVFT) represent 74% of total funding. Both sales and B&O revenue streams are growing again, albeit at a moderate pace, and are tied in growth to the general fund forecast. In addition, the voter-approved parks levy continues to supplement City and external funds, allowing completing major parks development projects to be completed in a phased approach, where appropriate.

Intergovernmental Revenue

Federal and State Grants (\$14.2 million). The Forecast includes \$14.2 million in federal and state grants. Following past practice of conservatism in forecasting grant revenues, only those grants that have already been awarded or are highly likely to be awarded are included in the



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projection. The details of the federal and state grants included can be found on the project specific revenue page.

Interlocal Contributions (\$16.1 million). In addition to the above revenues, the Forecast includes a variety of intergovernmental sources, including Sound Transit contributions (\$14.1 million, King County contributions (\$1.2 million), and Points Communities' contributions (\$0.8 million). The Intergovernmental Revenue Forecast also contains revenue from Rents and Leases (\$0.2 million). The details of the interlocal contributions can be found on the project specific revenue page.

Miscellaneous Revenue

Impact Fees (\$54.4 million). The current impact fee rate of \$4,703 in 2016 is forecasted to increase to \$4,989 in 2018, with annual increases thereafter of 3%, as determined by the Transportation Impact Fee Rate Schedule, Ordinance 6266. Impact fees are projected to provide \$54.4 million of revenue to this CIP, and reflect updated *Institute of Traffic Engineers* trip generation factors, Puget Sound Regional Council trip length factors, and a base fee of \$4,703.

Other Revenues (\$12.4 million). In addition to the above revenue sources, the Forecast includes a variety of miscellaneous sources, including private contributions (\$1 million), sale of fixed assets (\$3.5 million), enterprise and other City fund contributions (\$4.1 million), and investment interest (\$1.7 million). Details of the appropriate project specific revenue contributions can be found on the project specific revenue page.

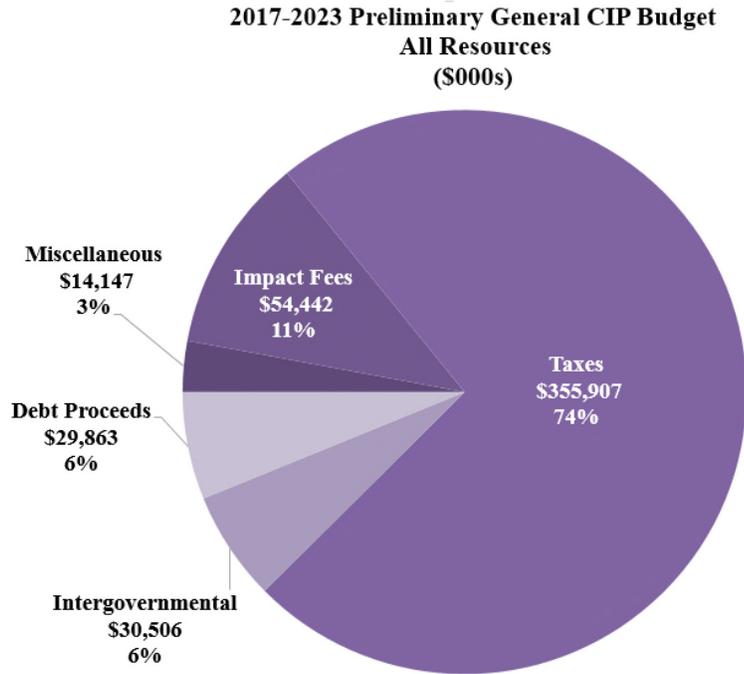
Short Term Modeled Debt Financing. The preliminary CIP Modeled cash flow borrowing totals \$29.9 with payback within the 2017-2023 plan in alignment with Council policy. The cash flow borrowing is not anticipated to be issued, and staff will not be asking Council for issuance at this time. If it is needed in future, staff will return to Council to address. The expenditure for the payback of the cash flow borrowing includes an additional \$2 million of interest costs over the 7-year timeframe.



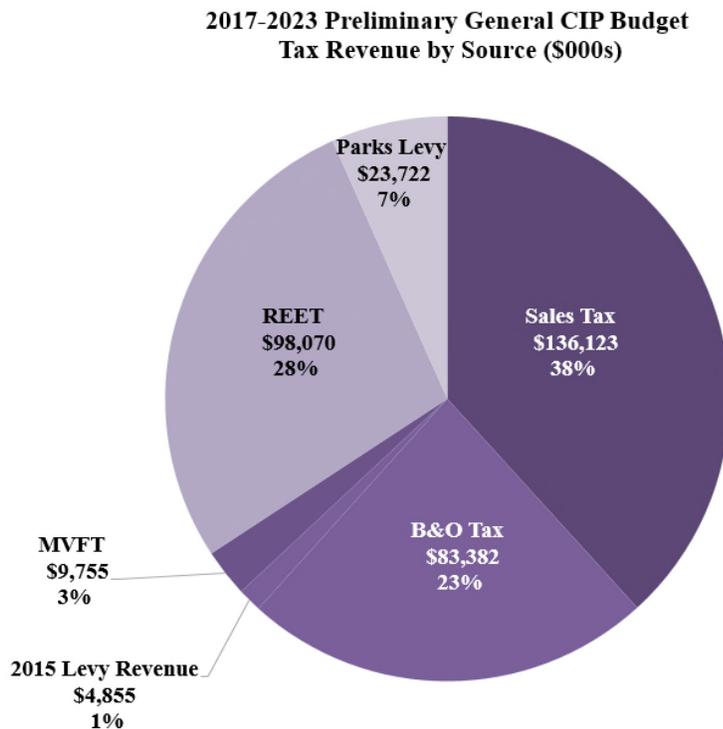
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The following charts show All Resources by type and provide a breakdown of Tax Revenue by Source.

REVENUE SUMMARY



The 74% tax revenue is further broken down by source in the following chart.





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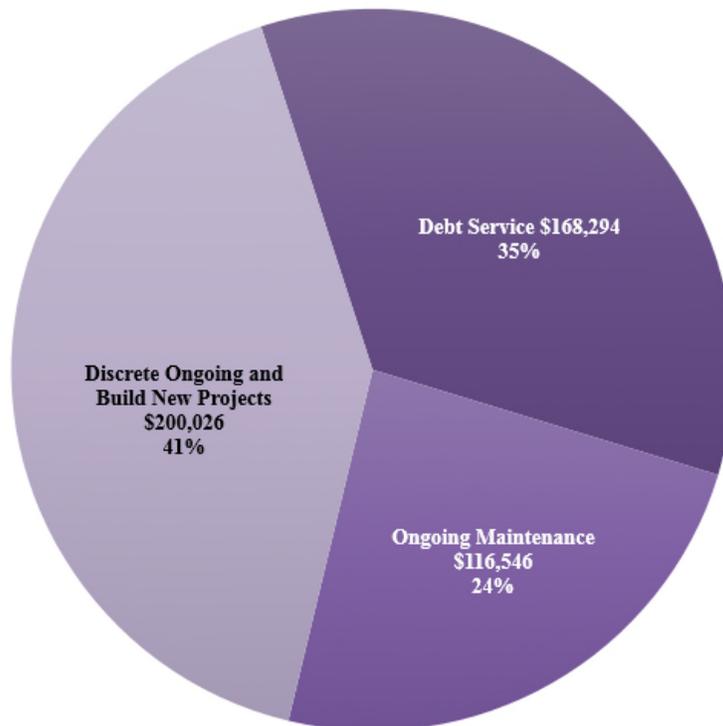
Expenditure Drivers:

The following chart illustrates the mix of Discrete Ongoing and Build New Projects, Ongoing Maintenance Programs and Debt Service. Full project lists of funded projects are found on both the “waterfall” and “7-Year CIP”. Council Priority projects are noted with a blue “x” on the “waterfall” and by priority number in the “7-Year CIP” cash flow.

- Discrete Ongoing and Build New Projects make up approximately 41% of the General CIP (\$179 million) with funding focused on improving transportation and mobility, parks and general government projects.
- Ongoing Maintenance Programs make up approximately 24% of the General CIP (\$137 million) with major maintenance programs like street overlays and major renovation of parks and fire facilities.
- Debt Service makes up the remaining 35% of the General CIP (\$168 million). Inclusive of the total debt service is \$31.9 million of short term cash flow borrowing which includes \$2 million in interest.

EXPENDITURE SUMMARY

2017-2023 Preliminary General CIP Budget Recommended
Funding by Project Type
(\$000s)





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CIP Project Criteria Preliminary Budget

General CIP Guiding Principles for the 2017-2023 CIP

A. Citywide Financial Policy XI:I:

Preserve Existing Capital Infrastructure Before Building New Facilities: It is the City's policy to ensure that adequate resources are allocated to preserve the City's existing infrastructure before targeting resources to build new facilities that also have operating and maintenance obligations. This policy addresses the need to protect the City's historical investment in capital facilities and to avoid embarking on a facility enhancement program, which when coupled with the existing facility requirements, the City cannot afford to adequately maintain.

B. Citywide Funding Prioritization Criteria from 2017-2023 CIP

The following outlines the criteria likely to be used by the CIP Panel to evaluate all non-utility CIP projects submitted for funding consideration.

Effectiveness at achieving City Mission/Community Outcomes/Council Priorities

- Effectiveness/extent to which project achieves Outcome/Council Priorities
- Tangibility/clarity of project results
- Multiple benefits

Mandates

- Legal
- Appropriate level of investment needed to meet mandate

Financial Factors

- Leveraging other funds—extent to which project is funded by external sources
- Cost v. benefit
- Sunk costs—extent to which project expenditures have already been incurred
- Avoided costs—extent to which project creates savings/decreases future costs/reduces risks
- Stewardship—extent to which project protects and leverages existing investments

Timing/Urgency

- Project readiness—extent to which project can proceed within CIP period
- Need to move forward during this 7-year CIP period
- Critical linkage to other high priority projects

Scaling

- LOS
- Right element of project at this time (e.g. full build, partial build, design only)



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Preliminary Budget: 7-Year Cash Flow Modeling

Identifies New Projects in this DRAFT 2017-2023 Cash Flow

	Q2 2016 Year End Estimate*	Estimated Carry Forward a of Q2 monitoring, will change as books close after year end*	2017	Estimated 2017 Available Budget (For Reference Only) This column does not include any math totals*	2018	2019	2020	2021	2022	2023	Total Prelim 2017-2023	Proposed Total Project Cost through 2023
2017-2023 Early Look Capital Investment Program												
Revenue Type												
Beginning Fund Balance	\$ 69,676	\$ 1,711,147	\$ 27,427	\$ (0)	\$ (0)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,711	
Short-term Cash Flow Borrowing**	\$ -	\$ 17,291	\$ 17,291	\$ 8,966	\$ -	\$ 3,606	\$ -	\$ -	\$ -	\$ -	\$ 29,863	
MAJOR TAXES												
Retail Sales Tax	\$ 15,597	\$ -	\$ 17,051	\$ 17,051	\$ 18,271	\$ 19,080	\$ 19,792	\$ 20,062	\$ 20,475	\$ 21,392	\$ 136,123	
B&O Tax	9,867	-	10,395	10,395	11,038	11,481	11,914	12,364	12,859	13,330	83,382	
Real Estate Excise Tax (REET)	17,446	-	14,154	14,154	13,966	14,370	14,096	13,828	13,828	13,828	98,070	
Parks Levy	3,389	-	3,389	3,389	3,389	3,389	3,388	3,390	3,388	3,389	23,722	
2015 Levy Revenue (New Sales Tax Contribution)	694	-	694	694	694	694	694	694	694	694	4,855	
Motor Vehicle Fuel Tax (MVFT)	1,368	-	1,377	1,377	1,385	1,393	1,400	1,400	1,400	1,400	9,755	
Subtotal Major Taxes	\$ 48,361	\$ -	\$ 47,058	\$ 47,058	\$ 48,743	\$ 50,406	\$ 51,284	\$ 51,738	\$ 52,645	\$ 54,033	\$ 355,908	
INTERGOVERNMENTAL												
Federal Grants	\$ 8,180	\$ 2,617	\$ 2,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,617	
Grants	8,779	5,745	5,745	394	1,500	3,918	-	-	-	-	11,557	
Interlocal Contributions	28,012	12,221	12,221	2,839	513	99	99	175	175	175	16,122	
Rents and Leases	160	30	30	30	30	30	30	30	30	30	210	
Subtotal Intergovernmental	\$ 45,131	\$ 20,614	\$ 20,614	\$ 3,263	\$ 2,043	\$ 4,047	\$ 129	\$ 205	\$ 205	\$ 205	\$ 30,506	
OTHER RESOURCES												
Transfers from Other City Funds	\$ 1,038	\$ 1,129	\$ 1,129	\$ 729	\$ 529	\$ 652	\$ 350	\$ 350	\$ 350	\$ 350	\$ 4,088	
WA State Funding - Annexation Sales Tax	1,291	-	-	2,160	-	-	-	-	-	-	2,160	
Private Contributions	3,122	685	685	176	27	27	28	29	29	29	1,002	
Sale of Fixed Assets	-	3,455	3,455	-	-	-	-	-	-	-	3,455	
Investment Interest	247	247	247	247	247	247	247	247	247	247	1,730	
Transportation Impact Fees	3,900	7,110	7,110	7,320	7,540	7,770	7,992	8,232	8,479	8,479	54,442	
Subtotal Other Resources	\$ 9,599	\$ 12,626	\$ 12,626	\$ 10,632	\$ 8,343	\$ 8,697	\$ 8,617	\$ 8,858	\$ 9,105	\$ 9,105	\$ 66,878	
Grand Total Revenues	\$ 172,767	\$ -	\$ 99,301	\$ 125,017	\$ 71,604	\$ 60,792	\$ 67,634	\$ 60,485	\$ 61,707	\$ 63,344	\$ 484,866	
Total Expenditures	\$ 145,340	\$ 25,716	\$ 99,301	\$ 125,017	\$ 71,604	\$ 60,792	\$ 67,633	\$ 60,485	\$ 61,707	\$ 63,344	\$ 484,866	\$ 1,204,302
Ending Fund Balance	\$ 27,427	(25,716)	(0)	(0)	(0)	0	0	0	0	(0)	0	

* Estimated carry forwards are calculated using best information as of June 2016. Final carry forward will not be calculated until year end books close in March 2017.

** Through Q2, plus known changes through 10/11/2016. 2016 Year End Estimate will be updated with Q3 monitoring report. The short term cash flow borrowing assumes 100% expenditures. Historically, the City spends between 65% and 80% of annual expenditures, therefore the additional cash flow borrowing is not anticipated. Short-term Cash Flow Borrowing is modeled to address near term cash flow. It is modeled as fully paid back within 7 years per Policy, including \$2M of modeled interest. The city will not be issuing any borrowing at this time. This is used for modeling purposes only. If any borrowing is needed in the future, staff will return to Council.

Preliminary Budget: 7-Year Cash Flow Modeling

		Q2 2016 Year End Estimate*	Estimated Carry Forward a of Q2 monitoring, will change as books close after year end*	2017	Estimated 2017 Available Budget (For Reference Only) This column does not include any math totals*	2018	2019	2020	2021	2022	2023	Total Prelim 2017-2023	Proposed Total Project Cost through 2023	
EXPENDITURES														
Council Priority #	CIP Plan #	Project Title												
Debt Service														
	G-69	Supplemental CIP Debt Funding	960	-	1,057	1,057	985	979	986	981	980	982	6,951	15,895
	G-82	City Hall Debt Service	6,704	(0)	6,563	6,563	6,554	6,560	6,550	6,546	6,552	6,552	45,877	85,625
	G-83	M&I LTGO Bond Debt Service	862	-	865	865	865	865	863	865	862	863	6,048	11,233
	G-89	2013 LTGO Bond Debt Service	4,832	-	4,834	4,834	4,837	4,834	4,835	4,834	4,836	4,837	33,846	51,532
	G-92	New Short-term Debt Service (Interfund Loan)	-	-	-	-	-	-	-	-	-	-	-	15,145
	G-101	TIFIA Debt Cost Service	550	-	-	-	-	-	-	-	-	-	-	550
	G-98	Cash Flow Borrowing Payback**	-	-	-	-	-	4,659	-	1,481	12,582	13,140	31,862	31,862
	G-100	2015 20 Year LTGO Bond Debt Service	6,204	-	6,201	6,201	6,202	6,205	6,206	6,203	6,202	6,203	43,422	49,626
	PW-R-82	Public Works Trust Fund Loan - Principal	40	(0)	40	40	40	40	40	40	40	40	279	1,630
	PW-R-83	Public Works Trust Fund Loan - Interest	2	(0)	2	2	2	2	1	1	1	1	10	124
		Subtotal Debt Service	20,155	(0)	19,562	19,562	19,485	24,143	19,480	20,952	32,055	32,616	168,294	263,222
Economic Growth & Competitiveness														
	CP-13 Grand Connection	CD-33 Grand Connection/Land Use Wilburton Zoning	1,000	-	-	-	-	-	-	-	-	-	-	1,000
	CP-11 DT Livability	CD-37 Downtown Community/Livability	-	-	650	650	800	650	500	500	500	554	4,153	4,153
	CP-23 Grand Connection	CD-44 Grand Connection - Early Implementation	-	-	500	500	1,000	500	-	-	-	-	2,000	2,000
	CP-10 Smart City	G-93 Community Network Connectivity	132	-	50	50	50	50	100	100	100	100	500	650
	CP-10 Smart City	G-38 Expanded Community Connectivity	102	-	259	259	188	200	200	250	100	100	1,297	1,497
	CP-1 ED Plan	CP-2 Regional ED G-105 Competitiveness and Collaboration	446	-	50	50	50	50	146	-	-	-	296	796
	CP-14 ERC	G-103 Eastside Rail Corridor Project	-	2,000	-	2,000	-	-	-	-	-	-	-	2,000
		G-107 Council Advancement	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	7,000	7,000
	CP-8 Housing	G-108 Supplemental Housing Trust Fund Investment	-	-	40	40	40	-	-	-	-	-	80	80
		Subtotal Economic Growth & Competitiveness	1,680	2,000	2,549	4,549	3,128	2,450	1,896	1,850	1,700	1,754	15,326	19,176
Safe Community														
		NCS03 Citywide Security Improvements	-	-	150	150	100	100	-	-	-	-	350	350
		PS-16 Fire Facility Maintenance	1,918	100	1,824	1,924	1,965	2,008	1,953	2,001	2,055	2,115	13,921	26,343
		PS-63 Fire Facility Master Plan	7,229	(0)	2,850	2,850	-	-	8,000	4,000	-	-	14,850	22,100
		PW-M-19 Major Maintenance Program	1,900	(6)	1,351	1,345	1,018	1,050	1,080	1,109	1,142	1,175	7,925	14,736
		Subtotal Safe Community	11,048	94	6,175	6,269	3,083	3,158	11,033	7,110	3,197	3,290	37,046	63,529
Improved Mobility and Connectivity														
		CD-30 Station Area Planning Implementation	-	-	500	500	500	500	1,500	1,500	1,000	-	5,500	5,500
		PW-M-1 Overlay Program	7,026	(0)	6,848	6,848	7,847	5,868	6,031	6,197	7,574	7,797	48,162	157,605
		PW-M-2 Minor Capital - Traffic Operations	206	16	149	165	170	175	180	185	191	196	1,246	10,663
	CP-4 Neighborhoods	PW-M-7 Neighborhood Traffic Safety Program	346	(0)	330	330	340	350	360	370	381	392	2,523	10,652
		PW-M-20 Minor Capital - Signals and Lighting	796	(39)	414	375	386	399	410	421	433	446	2,909	5,352
	CP-3 Growth/Mobility	PW-R-146 Northrup Way Corridor Improvements	8,821	1,895	0	1,895	-	-	-	-	-	-	0	13,701
	CP-3 Growth/Mobility	PW-R-156 ITS Master Plan Implementation Program	408	(0)	414	414	427	440	453	465	479	493	3,171	4,146
	CP-6 Light Rail	PW-R-159 East Link Analysis and Development	2,239	(199)	1,176	977	1,013	1,047	1,031	1,047	413	426	6,153	18,922
		PW-R-189 TOD, Station Area and Land Use Planning	1,173	(13)	411	398	359	161	165	169	124	128	1,517	2,690
	CP-3 Growth/Mobility	PW-R-160 NE 4th Street Extension - 116th to 120th Ave NE	1,797	71	-	71	-	-	-	-	-	-	-	35,842
	CP-3 Growth/Mobility	PW-R-162 NE 6th Street Extension	140	0	-	0	-	-	-	-	-	-	-	1,100
	CP-3 Growth/Mobility	PW-R-164 120th Ave NE Stage 2 - NE 8th St to NE 12th St	12,401	(5,736)	6,131	395	-	-	-	-	-	-	6,131	42,702
	CP-3 Growth/Mobility	PW-R-166 124th Ave NE - NE Spring Boulevard to Ichigo Way (18th St)	1,764	9,814	8,698	18,513	4,306	-	-	-	-	-	13,004	28,287
	CP-3 Growth/Mobility	PW-R-168 120th Ave NE (Stage 3) NE 12th St to NE 16th St	10,342	4,331	6,609	10,940	-	-	-	-	-	-	6,609	25,524
	CP-3 Growth/Mobility	PW-R-186 120th Ave NE Stage 4 Design - NE 16th St to Northrup Way	500	-	500	500	-	-	-	-	-	-	500	1,000
	CP-3 Growth/Mobility	PW-R-169 124th Ave NE - NE 12th to NE Spring Boulevard	1,704	(87)	87	-	-	-	-	-	-	-	87	3,365
	CP-3 Growth/Mobility	PW-R-170 130th Ave NE - Bel-Red Rd to NE 20th St	1,543	(1)	1,036	1,035	-	-	-	-	-	-	1,036	2,789
	CP-3 Growth/Mobility	PW-R-172 NE Spring Blvd (Zone 1) - 116th to 120th Avenues NE	10,223	(3,994)	16,694	12,700	800	1,828	6,785	-	-	-	26,107	34,285
		PW-R-187 Traffic Signal Controllers and Temporary Bus Stop	228	226	-	226	-	-	-	-	-	-	-	455
		PW-R-188 Franchise Utility Relocation	428	-	143	143	-	-	-	-	-	-	143	570
	CP-3 Growth/Mobility	PW-R-173 NE Spring Boulevard (Zone2) - 120th to 124th Aves N	2,116	200	0	200	-	-	-	-	-	-	0	3,401
	CP-3 Growth/Mobility	PW-R-174 NE Spring Boulevard - 130th to 132nd Ave NE	959	(0)	600	600	-	-	830	2,170	-	-	3,600	4,897
	CP-3 Growth/Mobility	PW-R-177 Eastgate Subarea Plan Implementation	246	250	-	250	-	-	-	-	-	-	-	500

* Estimated carry forwards are calculated using best information as of June 2016. Final carry forward will not be calculated until year end books close in March 2017.

** Through Q2, plus known changes through 10/11/2016. 2016 Year End Estimate will be updated with Q3 monitoring report. The short term cash flow borrowing assumes 100% expenditures. Historically, the City spends between 65% and 80% of annual expenditures, therefore the additional cash flow borrowing is not anticipated. Short-term Cash Flow Borrowing is modeled to address near term cash flow. It is modeled as fully paid back within 7 years per Policy, including \$2M of modeled interest. The city will not be issuing any borrowing at this time. This is used for modeling purposes only. If any borrowing is needed in the future, staff will return to Council.

Preliminary Budget: 7-Year Cash Flow Modeling

Council Priority #	CIP Plan #	Project Title	Q2 2016 Year End Estimate*	Estimated Carry Forward a of Q2 monitoring, will change as books close after year end*	2017	Estimated 2017 Available Budget (For Reference Only) This column does not include any math totals*	2018	2019	2020	2021	2022	2023	Total Prelim 2017-2023	Proposed Total Project Cost through 2023
Improved Mobility and Connectivity Continued....														
CP-3 Growth/Mobility		PW-R-182 Downtown Transportation Plan/NE 6 th Street Station Access	1,129	-	700	700	450	600	2,000	1,200	1,200	1,300	7,450	8,700
		PW-R-46 Traffic Safety Improvements	221	(72)	182	110	114	117	120	124	127	131	915	4,249
CP-4 Neighborhoods		PW-W/B-56 Pedestrian and Bicycle Access Improvements	669	0	440	440	453	467	480	493	508	523	3,364	11,600
CP-4 Neighborhoods		PW-W/B-76 Neighborhood Sidewalks	1,762	(1)	1,099	1,098	1,131	1,167	1,200	1,232	1,269	1,306	8,404	14,181
		PW-W/B-78 Mountains to Sound Greenway Trail	1,656	(139)	407	268	496	-	-	-	-	-	903	3,449
		PW-R-183 West Lake Sammamish Parkway, Phase 2	-	-	-	-	500	1,500	2,000	4,000	-	-	8,000	8,000
CP-3 Growth/Mobility		PW-R-184 Bellevue Way SE HOV Lane - 112th Ave SE 'Y' to I-90	1,681	1,470	-	1,470	1,170	-	-	-	-	-	1,170	4,400
CP-4 Neighborhoods		PW-R-185 Newport Way Improvements - Somerset Blvd to 150th Ave	2,195	(23)	2,923	2,900	3,000	-	-	-	-	-	5,923	8,123
CP-3 Growth/Mobility		PW-R-191 124th Avenue NE/Ichigo Way (NE 18th St) to Northup Way	720	-	1,840	1,840	-	-	-	-	-	-	1,840	2,560
CP-5 WSDOT		PW-R-192 124th Avenue NE at SR 520	-	-	-	-	250	-	-	-	-	-	250	250
CP-3 Growth/Mobility		PW-R-193 BelRed Corridor Local Street Network	-	-	432	432	-	-	-	-	-	-	432	432
		PW-R-194 West Lake Sammamish Parkway Phase 3	-	-	-	-	-	-	-	-	-	1,000	1,000	1,000
CP-3 Growth/Mobility		PW-R-190 124th Avenue NE – NE 8th to NE 12th Street	819	-	100	100	-	-	-	-	-	-	100	919
Subtotal Improved Mobility and Connectivity			76,258	7,970	58,862	66,833	23,712	14,619	23,545	19,573	13,699	14,138	168,148	481,811
Responsive Government														
		G-59 JDE System Upgrade and Enhancements	451	(20)	315	295	308	300	50	50	50	50	1,123	15,750
		G-94 Enterprise Application Replacement Reserve	500	-	800	800	800	800	1,000	1,000	1,000	1,000	6,400	6,900
		G-01 COB Fuel System Replacement	94	38	250	288	125	350	-	-	-	-	725	995
CP-21 Hearing		G-04 Hearing Assistance for Public Spaces	93	-	-	-	120	120	-	-	-	-	240	480
		G-106 Interlocal Council Contingency	-	-	296	296	292	297	224	10	-	-	1,118	1,118
		NCS01 Long-Range Property & Facilities Plan	-	-	280	280	-	-	-	-	-	-	280	280
		PW-M-15 Wetland Monitoring	1	13	32	45	51	52	54	55	57	53	354	495
Subtotal Responsive Government			1,139	31	1,973	2,004	1,696	1,919	1,328	1,115	1,107	1,103	10,241	26,019
Quality Neighborhoods and Innovative, Vibrant, & Caring Community														
		CD-11 Public Art Program	899	(0)	350	350	350	350	350	350	350	350	2,450	7,956
		CD-22 Enhanced Right of Way and Urban Boulevards (ERUB)	457	(0)	500	500	500	500	500	500	500	500	3,500	6,399
CP-12 Civic Center Plan		CD-41 Civic Center Plan	-	-	-	-	350	200	-	-	-	-	550	550
		NEP-2 NEP-2.0 Neighborhood Enhancement Program	1,425	-	725	725	725	725	725	725	725	725	5,075	6,525
		NIS-2 Neighborhood Partnerships	389	(0)	80	80	80	80	80	80	80	80	560	1,687
		P-AD-27 Park Planning & Design	687	(100)	400	300	300	300	300	300	300	300	2,200	8,557
		P-AD-79 King County Parks Levy	1,440	(0)	414	414	414	414	-	-	-	-	1,242	5,584
		P-AD-82 Park & Open Space Acquisition (Levy)	2,668	(0)	0	-	350	1,275	1,275	1,275	1,500	1,500	7,175	13,382
		P-AD-83 Bellevue Airfield Park Development (Levy)	700	505	95	600	-	-	-	-	-	-	95	1,520
		P-AD-95 Surrey Downs Park Development (Levy)	358	200	-	200	2,114	5,074	-	-	-	-	7,188	8,029
CP-9 Downtown Park		P-AD-87 Downtown Park Development (Levy)	4,000	6,825	(0)	6,825	-	-	-	-	-	-	(0)	12,000
CP-9 Meydenbauer Bay		P-AD-92 Meydenbauer Bay Phase 1 Park Development	414	5,528	2,472	8,000	7,050	-	-	-	-	-	9,522	17,222
		P-AD-94 Inspiration Playground at Downtown Park	2,000	2,075	-	2,075	-	-	-	-	-	-	-	4,075
		P-AD-96 Mercer Slough East Link Mitigation	-	200	-	200	-	200	1,300	640	-	-	2,140	2,340
		P-AD-98 Burrows Cabin Relocation	150	-	-	-	-	-	-	-	-	-	-	150
		P-R-02 Enterprise Facility Improvements	116	(0)	300	300	300	300	300	350	350	350	2,250	13,219
		P-R-11 Parks Renovation & Refurbishment Plan	4,480	(0)	4,740	4,739	4,860	4,975	5,408	5,548	6,024	6,513	38,069	91,590
		PW-W/B-49 Pedestrian Facilities Compliance Program	88	(0)	104	104	107	110	114	117	120	124	796	2,478
CP-9 Downtown Park		P-AD-100 Gateway/NE Entry at Downtown Park	-	-	-	-	3,000	-	-	-	-	-	3,000	3,000
Subtotal Quality Neighborhoods and IVCC			20,271	15,233	10,179	25,412	20,500	14,503	10,352	9,885	9,949	10,442	85,811	206,263

* Estimated carry forwards are calculated using best information as of June 2016. Final carry forward will not be calculated until year end books close in March 2017.

Preliminary Budget: 7-Year Cash Flow Modeling

Council Priority #	CIP Plan #	Project Title	Q2 2016 Year End Estimate*	Estimated Carry Forward a of Q2 monitoring, will change as books close after year end*	2017	Estimated 2017 Available Budget (For Reference Only) This column does not include any math totals*	2018	2019	2020	2021	2022	2023	Total Prelim 2017-2023	Proposed Total Project Cost through 2023
Carry Forward Projects (Approved Prior with Current Period Carry Forward)														
	CD-19	Advancing the Vision of the Pedestrian Corridor	165	(0)		(0)							-	739
	CD-21	Eastgate subarea	10	(0)		(0)							-	283
	NEP-1	NEP-1	222	(0)		(0)							-	20,967
	G-57	Enterprise Content Management - Capital	-	55		55							-	1,569
	G-84	Relocation of Courts from Surrey Downs to Bellefield Office Park	9	58		58							-	4,704
	G-86	City Hall East Garage Redevelopment	3,888	(0)		(0)							-	8,267
	G-02	Public Records Reconfiguration	(93)	92		92							-	8
	G-88	Joint City and Tax Portal	160	9		9							-	275
	P-AD-99	Partnership Projects	1,772	-		-							-	3,575
	P-AD-88	Bridle Trails Neighborhood Park (Levy)	2	(0)		(0)							-	2,555
	P-AD-85	Bellevue Botanical Garden - 2008 Parks Levy	1	(0)		(0)							-	11,402
	P-AD-89	Nature Trail Expansion - 2008 Parks Levy	22	(0)		(0)							-	2,619
	P-AD-90	New Youth Theatre - 2008 Parks Levy	192	(0)		(0)							-	9,700
	P-AD-86	Hidden Valley (Levy)	-	0		0							-	5,155
	PW-I-92	Lakemont Blvd and Cougar Mnt Way Improvements	-	0		0							-	1,360
	PW-R-155	Traffic Computer System Upgrade	128	(0)		(0)							-	5,693
	PW-R-175	NE Spring Blvd & 136th Pl NE-132nd Ave to NE 20th S	-	165		165							-	-
	PW-R-176	Downtown Transportation Plan Implementation	353	-		-							-	800
	PW-R-181	East Link MOU Commitments	8,216	(0)		(0)							-	54,355
	PW-R-165	Downtown Transportation Plan Update	(10)	(0)		(0)							-	350
	PW-R-161	120th Ave. NE (Stage 1) - NE 4th to NE 8th	-	9		9							-	8,676
	PW-R-163	NE 15th Multi-modal Corridor (Note:Tech. correction-no activity in 2015)	-	0		0							-	-
	PW-W/B-82	SE 16th Street - 148th Avenue SE to 156th	11	(0)		(0)							-	160
	PW-R-180	Annexation Area Transportation Capital	(259)	(0)		(0)							-	1,068
		Subtotal Carry Forward Projects	14,789	388		388							-	144,282

* Estimated carry forwards are calculated using best information as of June 2016. Final carry forward will not be calculated until year end books close in March 2017.

Preliminary Budget: CIP "Waterfall" Showing Net General Tax Need By Project

Step	Project Category	Proposal Type	Dept./MPA	Total Gross Project Cost 2017-2023	Project Specific Revenue 2017-2023	Total Net Project Cost 2017-2023	Total Project Cost Through 2023
1	Debt Service		General Government				
	Supplemental CIP Debt Funding	Existing	G-69	\$ 6,951	\$ -	\$ 6,951	\$ 15,895
	City Hall Debt Service	Existing	G-82	\$ 45,877	\$ -	\$ 45,877	\$ 85,625
	M&I LTGO Bond Debt Service	Existing	G-83	\$ 6,048	\$ -	\$ 6,048	\$ 11,233
	2013 LTGO Bond Debt Service	Existing	G-89	\$ 33,846	\$ -	\$ 33,846	\$ 51,532
	New Short-term Debt Service (Interfund Loan)	Existing	G-92	\$ -	\$ -	\$ -	\$ 15,145
	Cash Flow Borrowing Payback	Existing	G-98	\$ 31,862	\$ -	\$ 31,862	\$ 31,862
	2015 20 Year LTGO Bond Debt Service	Existing	G-100	\$ 43,422	\$ -	\$ 43,422	\$ 49,626
	Public Works Trust Fund Loan - Principal	Existing	PW-R-82	\$ 279	\$ -	\$ 279	\$ 1,630
	Public Works Trust Fund Loan - Interest	Existing	PW-R-83	\$ 10	\$ -	\$ 10	\$ 124
	TIFIA Debt Cost Service	Existing	G-101	\$ -	\$ -	\$ -	\$ 550
			Total	\$ 168,294	\$ -	\$ 168,294	\$ 263,223
2	Maintenance		Various				
	Renovation of Public Safety Facilities	Existing	PS-16	\$ 13,921	\$ 819	\$ 13,102	\$ 26,343
	Major Maintenance Program	Existing	PW-M-19	\$ 7,925	\$ -	\$ 7,925	\$ 14,736
	Overlay Program	Existing	PW-M-1	\$ 48,162	\$ 3,487	\$ 44,675	\$ 157,605
	Minor Capital - Traffic Operations	Existing	PW-M-2	\$ 1,246	\$ -	\$ 1,246	\$ 10,663
	Minor Capital - Signals and Lighting	Existing	PW-M-20	\$ 2,909	\$ 571	\$ 2,338	\$ 5,352
	Wetland Monitoring	Existing	PW-M-15	\$ 354	\$ -	\$ 354	\$ 495
	Traffic Safety Improvements	Existing	PW-R-46	\$ 915	\$ -	\$ 915	\$ 4,249
	Pedestrian Facilities Compliance Program	Existing	PW-W/B-49	\$ 796	\$ -	\$ 796	\$ 2,478
	Enterprise Facility Improvements	Existing	P-R-02	\$ 2,250	\$ 2,250	\$ -	\$ 13,219
	Parks Renovation & Refurbishment Plan	Existing	P-R-11	\$ 38,069	\$ 402	\$ 37,667	\$ 91,590
			Total	\$ 116,546	\$ 7,529	\$ 109,018	\$ 326,730

The Waterfall provides the priority order of category only for funding. Debt Service, Step 1, is the first call on CIP in order to meet the City's contract obligations. Step 2 is funding the Council Policy to maintain current infrastructure before building new. Step 3 are existing discrete projects that are currently within the adopted budget, there is no priority within Step 3. Step 4 area all new projects, again within Step 4 there is no priority order

Preliminary Budget: CIP "Waterfall" Showing Net General Tax Need By Project

Step	Project Category	Proposal Type	Dept./MPA	Total Gross Project Cost 2017-2023	Project Specific Revenue 2017-2023	Total Net Project Cost 2017-2023	Total Project Cost Through 2023
3	Approved Discrete		Various				
X	Neighborhood Traffic Safety Program	Existing	PW-M-7	\$ 2,523	\$ -	\$ 2,523	\$ 10,652
X	Northup Way Corridor Improvements	Existing	PW-R-146	\$ -	\$ 1,895	\$ (1,895)	\$ 13,701
X	ITS Master Plan Implementation Program	Existing	PW-R-156	\$ 3,171	\$ -	\$ 3,171	\$ 4,146
X	East Link Analysis and Development	Existing	PW-R-159	\$ 6,153	\$ -	\$ 6,153	\$ 18,922
	TOD, Station Area and Land Use Planning	Existing	PW-R-189	\$ 1,517	\$ -	\$ 1,517	\$ 2,690
X	NE 4th Street Extension - 116th to 120th Ave NE	Existing	PW-R-160	\$ -	\$ -	\$ -	\$ 35,842
X	NE 6th Street Extension	Existing	PW-R-162	\$ -	\$ -	\$ -	\$ 1,100
X	120th Ave NE Stage 2 - NE 8th St to NE 12th St	Existing	PW-R-164	\$ 6,131	\$ 4,115	\$ 2,016	\$ 42,702
X	124th Ave NE - NE Spring Boulevard to Ichigo Way (18th St)	Existing	PW-R-166	\$ 13,004	\$ 8,528	\$ 4,476	\$ 28,287
X	120th Ave NE (Stage 3) NE 12th St to NE 16th St	Existing	PW-R-168	\$ 6,609	\$ 10,655	\$ (4,046)	\$ 25,524
X	124th Ave NE - NE 12th to NE Spring Boulevard	Existing	PW-R-169	\$ 87	\$ -	\$ 87	\$ 3,365
X	120th Ave NE Stage 4 Design - NE 16th St to Northup Way	Existing	PW-R-186	\$ 500	\$ -	\$ 500	\$ 1,000
X	130th Ave NE - Bel-Red Rd to NE 20th St	Existing	PW-R-170	\$ 1,036	\$ -	\$ 1,036	\$ 2,789
X	NE Spring Blvd (Zone 1) - 116th to 120th Avenues NE	Existing	PW-R-172	\$ 26,107	\$ 6,318	\$ 19,790	\$ 34,285
	Traffic Signal Controllers and Temporary Bus Stop	Existing	PW-R-187	\$ -	\$ 226	\$ (226)	\$ 455
	Franchise Utility Relocation	Existing	PW-R-188	\$ 143	\$ 143	\$ -	\$ 570
X	NE Spring Boulevard (Zone2) - 120th to 124th Aves N	Existing	PW-R-173	\$ -	\$ -	\$ -	\$ 3,401
X	NE Spring Boulevard - 130th to 132nd Ave NE	Existing	PW-R-174	\$ 3,600	\$ -	\$ 3,600	\$ 4,897
X	Eastgate Subarea Plan Implementation	Existing	PW-R-177	\$ -	\$ -	\$ -	\$ 500
X	Downtown Transportation Plan/NE 6th Street Station Access	Existing	PW-R-182	\$ 7,450	\$ -	\$ 7,450	\$ 8,700
	Mountains to Sound Greenway Trail	Existing	PW-W/B-78	\$ 903	\$ 394	\$ 509	\$ 3,449
X	124th Avenue NE – NE 8th to NE 12th Street	Existing	PW-R-190	\$ 100	\$ -	\$ 100	\$ 919
X	124th Avenue NE/Ichigo Way (NE 18th St) to Northup Way	Existing	PW-R-191	\$ 1,840	\$ -	\$ 1,840	\$ 2,560
	West Lake Sammamish Parkway, Phase 2	Existing	PW-R-183	\$ 8,000	\$ -	\$ 8,000	\$ 8,000
X	Bellevue Way SE HOV Lane - 112th Ave SE 'Y' to I-90	Existing	PW-R-184	\$ 1,170	\$ -	\$ 1,170	\$ 4,400
X	Newport Way Improvements - Somerset Blvd to 150th Ave	Existing	PW-R-185	\$ 5,923	\$ -	\$ 5,923	\$ 8,123
X	Pedestrian and Bicycle Access Improvements	Existing	PW-W/B-56	\$ 3,364	\$ -	\$ 3,364	\$ 11,600
X	Neighborhood Sidewalks	Existing	PW-W/B-76	\$ 8,404	\$ -	\$ 8,404	\$ 14,181

Preliminary Budget: CIP "Waterfall" Showing Net General Tax Need By Project

Step	Project Category	Proposal Type	Dept./MPA	Total Gross Project Cost 2017-2023	Project Specific Revenue 2017-2023	Total Net Project Cost 2017-2023	Total Project Cost Through 2023
	Park Planning & Design	Existing	P-AD-27	\$ 2,200	\$ -	\$ 2,200	\$ 8,557
	King County Parks Levy	Existing	P-AD-79	\$ 1,242	\$ 1,242	\$ -	\$ 5,584
	Park & Open Space Acquisition (Levy)	Existing	P-AD-82	\$ 7,175	\$ -	\$ 7,175	\$ 13,382
	Bellevue Airfield Park Development (Levy)	Existing	P-AD-83	\$ 95	\$ -	\$ 95	\$ 1,520
	Surrey Downs Park Development (Levy)	Existing	P-AD-95	\$ 7,188	\$ -	\$ 7,188	\$ 8,029
x	Downtown Park Development (Levy)	Existing	P-AD-87	\$ -	\$ -	\$ -	\$ 12,000
x	Meydenbauer Bay Phase 1 Park Development	Existing	P-AD-92	\$ 9,522	\$ -	\$ 9,522	\$ 17,222
	Inspiration Playground at Downtown Park	Existing	P-AD-94	\$ -	\$ -	\$ -	\$ 4,075
	Mercer Slough East Link Mitigation	Existing	P-AD-96	\$ 2,140	\$ -	\$ 2,140	\$ 2,340
x	Gateway/NE Entry at Downtown Park	Existing	P-AD-100	\$ 3,000	\$ -	\$ 3,000	\$ 3,000
x	Community Network Connectivity	Existing	G-93	\$ 500	\$ -	\$ 500	\$ 650
x	Expanded Community Connectivity	Existing	G-38	\$ 1,297	\$ -	\$ 1,297	\$ 1,497
x	Competitiveness and Collaboration	Existing	G-105	\$ 296	\$ -	\$ 296	\$ 796
x	Eastside Rail Corridor Project	Existing	G-103	\$ -	\$ -	\$ -	\$ 2,000
	JDE System Upgrade and Enhancements	Existing	G-59	\$ 1,123	\$ -	\$ 1,123	\$ 15,750
	COB Fuel System Replacement	Existing	G-01	\$ 725	\$ 167	\$ 558	\$ 995
x	Hearing Assistance for Public Spaces	Existing	G-04	\$ 240	\$ -	\$ 240	\$ 480
	Enterprise Application Replacement Reserve	Existing	G-94	\$ 6,400	\$ -	\$ 6,400	\$ 6,900
	Interlocal Council Contingency	Existing	G-106	\$ 1,118	\$ -	\$ 1,118	\$ 1,118
	Council Advancement	Revised	G-107	\$ 7,000	\$ -	\$ 7,000	\$ 7,000
	Fire Facility Master Plan	Existing	PS-63	\$ 14,850			\$ 22,100
x	Grand Connection/Land Use Wilburton Zoning	Existing	CD-33	\$ -	\$ -	\$ -	\$ 1,000
	Public Art Program	Existing	CD-11	\$ 2,450	\$ -	\$ 2,450	\$ 7,956
	Enhanced Right of Way and Urban Boulevards (ERUB)	Existing	CD-22	\$ 3,500	\$ -	\$ 3,500	\$ 6,399
	NEP-2.0 Neighborhood Enhancement Program	Existing	NEP-2	\$ 5,075	\$ -	\$ 5,075	\$ 6,525
	Neighborhood Partnerships	Existing	NIS-2	\$ 560	\$ -	\$ 560	\$ 1,687
			Total	\$ 185,431	\$ 33,683	\$ 136,898	\$ 455,321

Preliminary Budget: CIP "Waterfall" Showing Net General Tax Need By Project

Step	Project Category	Proposal Type	Dept./MPA	Total Gross Project Cost 2017-2023	Project Specific Revenue 2017-2023	Total Net Project Cost 2017-2023	Total Project Cost Through 2023
4	New Proposed Projects		Various				
	Station Area Planning Implementation	New	CD-30	\$ 5,500	\$ -	\$ 5,500	\$ 5,500
x	Downtown Community Development Implementation	New	CD-37	\$ 4,153	\$ -	\$ 4,153	\$ 4,153
x	Civic Center Plan	New	CD-41	\$ 550	\$ -	\$ 550	\$ 550
x	Grand Connection Implementation	New	CD-44	\$ 2,000	\$ -	\$ 2,000	\$ 2,000
	Supplemental Housing Trust Fund Investment	New	G-108	\$ 80	\$ -	\$ 80	\$ 80
	Long-Range Property & Facilities Plan	New	NCS01	\$ 280	\$ -	\$ 280	\$ 280
	Citywide Security Improvements	New	NCS03	\$ 350	\$ -	\$ 350	\$ 350
x	124th Avenue NE at SR 520	New	PW-R-192	\$ 250	\$ -	\$ 250	\$ 250
x	BelRed Corridor Local Street Network	New	PW-R-193	\$ 432	\$ -	\$ 432	\$ 432
	West Lake Sammamish Parkway Phase 3	New	PW-R-194	\$ 1,000	\$ -	\$ 1,000	\$ 1,000
			Total	\$ 14,595	\$ -	\$ 14,595	\$ 14,595
			Grand Total	\$ 484,866	\$ 41,211	\$ 428,805	\$ 1,059,868

Note- Does not tie to Cash Flow. This sheet does not include Burrows Cabin. May not Foot due to rounding.

**2017-2023 General CIP Preliminary Budget
Preliminary Budget: Project Specific Revenue**

Revenues specific to projects are listed below in CIP Plan order. Project specific revenues include transfers from other funds, grant revenues, private contributions, sales of assets, and rent or lease revenue.

2017-2023 Capital Investment Program (CIP) - Project Specific Revenue											
CIP Plan #	Project Title	Revenue Category	Revenue Source	2017	2018	2019	2020	2021	2022	2023	Total Project Revenue 2017-2023
G-01	COB Fuel System Replacement	Operating Transfer In	OTI-DSD/STRM/SWR/WTR	55,780	55,780	55,780	-	-	-	-	167,340
P-AD-79	King County Parks Levy	Interlocal	King County Special Levy	414,000	414,000	414,000	-	-	-	-	1,242,000
P-R-02	Enterprise Facility Improvements	Operating Transfer In	OTI/Fd 1430 Park Enterprise	300,000	300,000	300,000	300,000	350,000	350,000	350,000	2,250,000
P-R-11	Parks Renovation & Refurbishment Plan	Rents and Leases	Telecom Facility Lease	30,000	30,000	30,000	30,000	30,000	30,000	30,000	210,000
P-R-11	Parks Renovation & Refurbishment Plan	Private Contribution	Seattle U. Contribution to Bannerwood	25,411	26,047	26,698	27,365	28,049	28,751	29,469	191,790
PS-16	Renovation of Public Safety Facilities	Interlocal	I/G Fire Protection - Points Community Reimbursement	70,737	99,447	99,447	99,447	99,447	175,000	175,000	818,525
PW-M-1	Overlay Program	Federal Grant	Federal Preservation Grant - Richards Rd & Lk Hills	1,327,250	-	-	-	-	-	-	1,327,250
PW-M-1	Overlay Program	State Funding	Annexation Sales Tax	-	2,160,000	-	-	-	-	-	2,160,000
PW-M-20	Minor Capital - Signals and Lighting	Operating Transfer In	OTI - 1640 Transfer - COB Light Reimbursement	173,000	173,000	173,000	52,000	-	-	-	571,000
PW-R-146	Northrup Way Corridor Improvements	Grant	Connecting Washington Pedestrian and Bicycle Safety	1,895,199	-	-	-	-	-	-	1,895,199
PW-R-164	120th Ave NE Stage 2 - NE 8th St to NE 12th St	Private Contribution	Franchise Utility (Multiple)	660,000	-	-	-	-	-	-	660,000
PW-R-164	120th Ave NE Stage 2 - NE 8th St to NE 12th St	Sale of Fixed Assets	Remnant Land Sale	3,455,000	-	-	-	-	-	-	3,455,000
PW-R-166	124th Ave NE - NE Spring Boulevard to Ichigo Way (18th St)	Interlocal	Sound Transit	5,852,520	2,325,240	-	-	-	-	-	8,177,760
PW-R-166	124th Ave NE - NE Spring Boulevard to Ichigo Way (18th St)	Private Contribution	Franchise Utility	-	150,000	-	-	-	-	-	150,000
PW-R-166	124th Ave NE - NE Spring Boulevard to Ichigo Way (18th St)	Operating Transfer In	Transfer from COB Water Utility	-	200,000	-	-	-	-	-	200,000
PW-R-168	120th Ave NE (Stage 3) NE 12th St to NE 16th St	Interlocal	Sound Transit	5,515,440	-	-	-	-	-	-	5,515,440
PW-R-168	120th Ave NE (Stage 3) NE 12th St to NE 16th St	Federal Grant	Federal STP Grant	1,290,000	-	-	-	-	-	-	1,290,000
PW-R-168	120th Ave NE (Stage 3) NE 12th St to NE 16th St	Grant	State TIB Grant	3,850,000	-	-	-	-	-	-	3,850,000
PW-R-172	NE Spring Blvd (Zone 1) - 116th to 120th Avenues NE	Operating Transfer In	Transfer from COB Water Utility	600,000	-	-	300,000	-	-	-	900,000
PW-R-172	NE Spring Blvd (Zone 1) - 116th to 120th Avenues NE	Grant	Federal STP Grant	-	-	1,500,000	3,917,500	-	-	-	5,417,500
PW-R-187	Traffic Signal Controllers and Temporary Bus Stop	Interlocal	Sound Transit	226,000	-	-	-	-	-	-	226,000
PW-R-188	Franchise Utility Relocation	Interlocal	Sound Transit	142,500	-	-	-	-	-	-	142,500
PW-W/B-78	Mountains to Sound Greenway Trail	Grant	Federal CMAQ Grant	-	394,000	-	-	-	-	-	394,000
Total				25,882,837	6,327,514	2,598,925	4,726,312	507,496	583,751	584,469	41,211,304



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Council Budget Workshop Preliminary Budget Parks Levy Update

Background: In November 2008, 67% of the voters approved a property tax levy to enhance and maintain Bellevue’s Parks and Open Space system. The capital levy provides \$3.4M per year over a twenty-year period from 2009 through 2028. The maintenance portion of the levy provides \$660,000 in ongoing funding and does not have a time limitation. Projects funded per the election ordinance and the recommended funding mix are summarized in the table below.

Original Voter Initiative Projects and Funding (stated in 2008\$)

Project Category	Recommended Funding Mix						
			Voter Initiative		City Match		Leveraging
	Capital \$M	Annual M&O \$000s	Capital \$M	Annual M&O \$000s	Capital \$M	Annual M&O \$000s	Capital \$M
Property Acquisition (P-AD-82)	\$30.0	\$50	\$10.0	\$15	\$10.0	\$35	\$10.0
Development Projects:							
Eastgate Area Properties (P-AD-83)	\$12.0	\$250	\$6.0	\$125	\$4.0	\$125	\$2.0
Surrey Downs (P-AD-86)	\$7.0	\$150	\$3.5	\$100	\$3.5	\$50	
Lewis Creek Phase II (P-AD-91)	\$4.0	\$50	\$2.0	\$25	\$2.0	\$25	
Downtown Park (P-AD-87)	\$10.0	\$150	\$5.0	\$75	\$5.0	\$75	
Trails (P-AD-89)	\$2.0	\$50	\$2.0	\$50			
Sportsfields (P-AD-84)	\$3.0	\$50	\$3.0	\$50			
Neighborhood Parks (P-AD-88)	\$5.0	\$120	\$5.0	\$120			
Bellevue Botanical Garden (P-AD-85)	\$5.0	\$150	\$2.0	\$50	\$2.0	\$100	\$1.0
Bellevue Youth Theatre (P-AD-90)	\$5.0	\$150	\$2.0	\$50	\$2.0	\$100	\$1.0
Total	\$83.0	\$1,170	\$40.5	\$660	\$28.5	\$510	\$14.0

Note: The chart displays the 2008 Levy project list and project cost according to the 2008 ballot measure. The funding mix and total project costs are subject to change as projects are developed and constructed.

Other key points of the levy:

- The ballot measure did not include specific timing of project completion; therefore, the 20-year capital levy included a project inflation factor of 5.5% to help ensure that projects could be completed over the duration of the levy.
- Provided flexibility to amend the park capital program, by ordinance, as Council determines is in the best interest of the City.
- Provides flexibility to program available funding that best matches the timing of project costs and revenues.

Levy Project Update: Below is a general timeline of all the capital projects included in the 2008 Parks levy:

- Completed projects through 2016 include:
 - Sportsfield Improvements at Newport Hills, Wilburton, and Hidden Valley,
 - Lewis Creek Picnic Area,



Council Budget Workshop
Preliminary Budget
Parks Levy Update

- Trail Improvements focusing on Coal Creek,
- Bellevue Botanical Garden Visitors Center and Ravine Garden,
- Bellevue Youth Theatre at Crossroads Park, and
- Bridle Trails Neighborhood Park.
- 2017-2023 CIP projects include:
 - Completing the circle and northeast entry improvements at Downtown Park,
 - Surrey Downs park development,
 - Airfield Park design and permitting, and
 - Property Acquisition funds for the next seven years.
- Post 2023 Commitments: Includes future development of Airfield Park and a Neighborhood Park along Lake Sammamish, plus ongoing property acquisitions through 2028.

2017-2023 Preliminary Budget Parks Levy Projects:

Project	2017-2023 Preliminary Budget (\$000)	Total Project Cost through 2023 (\$000)
P-AD-82 Park & Open Space Acquisition	\$7,175	\$13,382
Development Projects:		
P-AD-83 Bellevue Airfield Park Development	\$600	\$1,520
P-AD-95 Surrey Downs Park Development	\$7,388	\$8,029
P-AD-87 Downtown Park Development	\$6,825	\$12,000
P-AD-NEW Gateway/NE Entry Downtown Park	\$3,000	\$3,000
TOTAL	\$24,988	\$37,931

City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Debt Service

G-69 **Title: Supplemental CIP Debt Funding**

Proposal: 060.01NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Debt Service	6,950,600	15,895,438

Executive Summary

This proposal provides annual debt service funding for the initial 2008 Limited Tax General Obligation (LTGO) Bonds issued for \$14.3 million and the 2015 LTGO Refunding Bonds issued for \$7.9 million for the purpose of financing City Council adopted Supplemental CIP projects. The bond proceeds financed the initial phase of the Supplemental CIP which included six high-priority capital projects. The annual debt service payments are supported by general tax revenues.

G-82 **Title: City Hall Debt Service**

Proposal: 060.03NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Debt Service	45,877,140	85,625,373

Executive Summary

This proposal provides annual debt service funding for the 2012 Limited Tax General Obligation (LTGO) Refunding Bonds issued for \$55.9 million, the 2012B LTGO Refunding Bonds issued for \$43.2 million (both issues refunding the 2004 New City Building Bonds), and the 2015 LTGO Refunding Bonds Issued for \$3.3 million refunding the 2006 New City Building II Bonds for the purpose of financing the acquisition and development of the current City Hall building located at 450 110th Avenue Northeast. The annual debt service payments are supported by general tax revenues.

G-83 **Title: M&II LTGO Bond Debt Service**

Proposal: 060.23NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Debt Service	6,048,000	11,232,768

Executive Summary

This proposal provides annual debt service funding for the 2010 Limited Tax General Obligation (LTGO) Bonds issued for \$12.5 million for the purpose of financing City Council adopted Mobility & Infrastructure Initiative (M&II) projects. The annual debt service payments are supported by general tax revenue as a result of a 3% property tax rate increase levied by the City Council.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Debt Service

G-89 Title: New Long-term Debt Service

Proposal: 060.30NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Debt Service	33,846,000	51,532,433

Executive Summary

This proposal provides annual debt service funding for the 2013 Limited Tax General Obligation (LTGO) Bonds (Sound Transit portion) issued for \$62.6 million for the purpose of financing the construction, improving and equipping a portion of the City's CIP Plan which includes streets, sidewalks and other capital improvements. The annual debt service payments are supported by general tax revenues.

G-98 Title: Short-Term Cash Flow Borrowing Payback

Proposal: 060.41NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
	Debt Service	31,861,921	31,861,921

Executive Summary

This proposal provides funds to support the costs of short-term borrowing when sufficient General CIP revenue is not available. These costs include principal repayment, estimated interest and other related costs of issuing short-term debt to implement sscheduled CIP expenditures over the next seven year period.

G-100 Title: 2015 20 Year LTGO Bond Debt Service

Proposal: 060.36NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Debt Service	43,421,500	49,625,746

Executive Summary

This proposal provides annual debt service funding for the 2015 Limited Tax General Obligation (LTGO) Bonds (General CIP portion) issued for \$79.1 million for the purpose of financing the construction, improving and equipping a portion of the City's CIP Plan which includes streets, sidewalks and other capital improvements and to pay for the acquisition of certain real property. The annual debt service payments are supported by general tax revenues.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Debt Service

PW-R-82 Title: Public Works Trust Fund Loan - Principal

Proposal: 130.79PA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Debt Service	278,908	1,630,471

Executive Summary

This proposal is for annual principal payments made by the City for any Public Works Trust Fund (PWTF) loans. The PWTF loan is a low-interest loan granted through the State of Washington Department of Community Development that allows high-priority projects to be completed earlier in the plan than would be available if General CIP Revenues were used. The proposed funding covers one active loan set to retire in 2026. This proposal is a companion to 130.80DA, which covers the annual interest payments for the loan.

PW-R-83 Title: Public Works Trust Fund Loan - Interest

Proposal: 130.80DA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Debt Service	9,763	123,629

Executive Summary

This proposal is for annual interest payments made by the City for any Public Works Trust Fund (PWTF) loans. The PWTF loan is a low-interest loan granted through the State of Washington Department of Community Development that allows high-priority projects to be completed earlier in the plan than would be available if General CIP Revenues were used. The proposed funding covers one active loan set to retire in 2026. This proposal is a companion to 130.79PA, which covers the annual principal payments for the loan.

Note – CIP Proposal Executive summaries are listed in CIP Plan Number order. They do not include reserve proposals, nor do they include operating proposals which can be found in the Operating section. They are as provided by the Department submitting the proposal. Summaries are provided as a general overview education of the particular CIP project. City Council will continue deliberations through December when the final budget is adopted. Projects only include project costs in 2017-2023 and does not include Carryforwards from 2016.

City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Economic Growth and Competitiveness

CD-37 **Title:** Downtown Community/Implementation

Proposal: 115.37NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Econ Growth & Competitiveness	4,152,500	4,152,500

Executive Summary

This proposal implements a range of Downtown Community Development initiatives including a Comprehensive Downtown Parking Study, adding landscaped medians to select Downtown arterials, identifying opportunities for additional sustainability features Downtown, and further implementing wayfinding for publicly accessible open spaces and pedestrian connections through Downtown superblocks. These implementation measures are part of a concerted effort to enhance livability within Downtown Bellevue, consistent with the work of the Downtown Citizen Advisory Committee and on-going work of the Planning Commission and Council to adopt amendments to the Land Use Code and Comprehensive Plan for the Downtown Subarea. Downtown Bellevue is the city’s fastest growing neighborhood and where a majority of planned growth will occur over the next couple growth cycles. By 2030, 19,000 people are forecast to live Downtown along with 70,300 jobs.

CD-44 **Title:** Grand Connection Implementation

Proposal: 115.52NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Econ Growth & Competitiveness	2,000,000	2,000,000

Executive Summary

The Wilburton-Grand Connection study will establish a far reaching vision and implementation strategy to connect Downtown and Wilburton Commercial areas through a signature urban design element and the re-visioning of the Wilburton Commercial area. The ambitious plan will link many of Bellevue’s attractive and important features such as Meydenbauer Bay, Old Bellevue, the retail core, the Pedestrian Corridor, convention center and the forthcoming Eastside Rail Corridor. The Grand Connection will create a new means of non-motorized connectivity, establishing a signature element while advancing opportunities for recreation, the arts, and community identity. The re-visioning of the Wilburton Commercial area will define a unique market niche for Bellevue and the region. It will seek to complement, rather than compete, with the high growth areas of Downtown and BelRed, while capitalizing on its unique context and opportunities for multi-modal connectivity.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Economic Growth and Competitiveness

G-38 Title: Expanded Community Connectivity

Proposal: 090.19NA **Department:** Information Technology

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Econ Growth & Competitiveness	1,297,000	1,497,000

Executive Summary

This proposal funds the expansion of public Wi-Fi in Bellevue. The Expanded Community Connectivity project directly responds to Council’s priority on high-speed data options for a Smart City. In the 2015-16 budget, Council approved developing the Expanded Wi-Fi Plan, and this proposal reflects the phased implementation of that plan over multiple years. In addition to supporting the Smart City Strategy, the proposed plan supports the strategic areas in Council’s 20-year vision for Economic Development, High Quality Built and Natural Environment, Great Places You Want to Be, Achieving Human Potential.

G-93 Title: Community Network Connectivity

Proposal: 090.16NA **Department:** Information Technology

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Econ Growth & Competitiveness	500,000	650,000

Executive Summary

The Community Network Connectivity proposal supports the Council priority and Economic Development Plan priority to develop the Smart City strategy to include high speed data options to support businesses and residents. This proposal secures sufficient funding dedicated to: Provide additional capital to maintain and address gaps and bottlenecks in the existing City fiber network, Modestly fund replacement for the fiber network used to connect City facilities, the Intelligent Transportation System and street light system Make minor enhancements to existing fiber and wireless City networks as needed to support Council’s priority on Smart City.

Note – CIP Proposal Executive summaries are listed in CIP Plan Number order. They do not include reserve proposals, nor do they include operating proposals which can be found in the Operating section. They are as provided by the Department submitting the proposal. Summaries are provided as a general overview education of the particular CIP project. City Council will continue deliberations through December when the final budget is adopted. Projects only include project costs in 2017-2023 and does not include Carryforwards from 2016.

City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Economic Growth and Competitiveness

G-105 **Title:** Competitiveness and Collaboration

Proposal: 115.97NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Econ Growth & Competitiveness	296,000	796,000

Executive Summary

This proposal for the Office of Economic Development (OED) Competitiveness and Collaboration CIP will continue to support the City’s work to provide accessible and inclusive spaces for startups and aspiring entrepreneurs in our community. During the 2015-2016 budget, the OED established a pilot project co-working facility managed by Impact Hub at the City-owned Lincoln Center. The pilot project exceeded its goals in business startup creation in one year. Due to Eastlink Construction the current facility will be demolished in early 2017. The requested funding will facilitate the relocation of the co-working space to a building at Lincoln Center that will not be impacted by Eastlink Construction. The co-working space will continue to be managed by Impact Hub and will also include space for the Startup 425 Entrepreneur Center, a partnership with the City of Kirkland and OneRedmond, to provide startup business services.

G-107 **Title:** Council Advancement

Proposal: 060.42NA **Department:** Finance

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Responsive Government	7,000,000	7,000,000

Executive Summary

This CIP project is funding for Council Advancement projects that the City Council may identify.

G-108 **Title:** Supplemental Housing Trust Fund Investment

Proposal: 115.53NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Econ Growth & Competitiveness	80,000	80,000

Executive Summary

This proposal transfers directly to the Housing Trust Fund \$40,000 for 2017 and \$40,000 for 2018.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Improved Mobility and Connectivity

CD-30 **Title:** Station Area Planning Implementation

Proposal: 115.26NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Improved Mobility and Connectivity	5,500,000	5,500,000

Executive Summary

Sound Transit connects light rail stations with adjacent pedestrian and bicycle facilities. Planning with South Bellevue and East Main communities over the past 2+ years identified pedestrian and bicycle projects to improve access to stations and other projects to better integrate stations with those areas. Funding projects like sidewalks, overpasses, bike paths, lighting and signage make it easier for Bellevue residents, employees and visitors to use light rail. This will enhance livability by improving connectivity across multiple modes (i.e. pedestrian, bicycle, transit) and maximize the value and efficiency of light rail infrastructure investment. Light Rail Best Practices identified early implementation of capital investments as actions that could reduce costs and minimize disruption. Building these projects during light rail construction would also maximize use of light rail when service begins in 2023.

PW-M-1 **Title:** Overlay Program

Proposal: 130.85PA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	48,162,000	157,605,009

Executive Summary

This proposal funds the annual Overlay Program (“Overlay”) from data collection and design through construction. It continues to prioritize arterial street rehabilitation as requested by the City Council. This program is a main implementation program for retrofitting adjacent wheelchair curb ramps as mandated by the Americans with Disabilities Act and installing audible pedestrian signal system modifications; it cost-effectively supports other programs by performing curb and sidewalk repairs on overlay sites, repairs or implements new bike lanes coincident with overlay, installation of new traffic detection systems for SCATS signal system implementation, and performs pavement restoration for streets cut by the Utilities Dept in the repair of their systems. The program also funds the bridge inspection program mandated by the FHWA’s National Bridge Inspection Standards.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-M-2 Title: Minor Capital - Traffic Operations

Proposal: 130.90NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	1,245,915	10,663,441

Executive Summary

This program funds minor capital transportation improvements throughout the City to address traffic operation issues and concerns. Typical projects include new crosswalk installations, sign upgrades, channelization improvements, access management improvements, new bike lanes, bicycle route signing, and sidewalk and new curb ramp installations. This program also implements pilot projects using new, innovative traffic control devices and evaluates their effectiveness. This program often provides matching funds to grant funded projects to improve pedestrian and bicycle mobility while observing ADA requirements.

PW-M-7 Title: Neighborhood Traffic Safety Program

Proposal: 130.98NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	2,523,005	10,652,276

Executive Summary

This program supports Council priority of implementing projects in neighborhoods that focus on safety and connectivity with a particular emphasis on traffic calming. This proposal funds design and construction of neighborhood traffic calming/safety improvements that change driver behavior and address excessive vehicle speeds, motorists cutting through neighborhoods to bypass arterial streets, and enhances pedestrian/bicycle safety. Improvements include speed humps, traffic circles, etc. This proposal also funds the design and installation of school zone improvements (flashing school zone beacons, raised crosswalks) and educational programs to encourage safe driving and student pedestrian behavior. A marked increase in the number of citizen requests for solutions to traffic safety issues in their neighborhood continues to climb. Capital funds are used to design and construct projects to address the most severe issues at prioritized locations and support the Vision Zero initiative.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-M-20 Title: Minor Capital - Signals and Lighting

Proposal: 130.86NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	2,909,130	5,351,921

Executive Summary

This proposal funds traffic signal and street lighting related projects that are beyond the scope of the operating budget but too small for individual CIP projects. This program allows Transportation to quickly respond on a continual basis to citizen requests, unfunded mandates, needed improvements, and opportunities to partner with other capital or development projects. This program can be leveraged as matching funds to grant money that supports traffic signal and street lighting improvements. The program supports the city's pursuit of environmental goals through new energy and cost reduction initiatives such as LED street lights. It also supports safety through enhancement of the existing emergency vehicle preemption system, to a more robust GPS based system. This program is very versatile, and addresses needs as large as new traffic signals to as small as single new street light installations.

PW-R-46 Title: Traffic Safety Improvements

Proposal: 130.78NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	915,019	4,249,131

Executive Summary

This program will implement various roadway safety-related capital improvements citywide as identified through the Collision Reduction Program, deficiency analysis, and community input. Projects include road rechannelization and access revisions to reduce traffic collisions, guardrail installation, roadside hazard removal, pedestrian crossing enhancements, improved roadway lighting, and other safety improvements. This program will also support Vision Zero through the proactive advancement of safety improvement throughout the City.

PW-R-146 Title: Northup Way Corridor Improvements

Proposal: 130.76NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Closed	Improved Mobility and Connectivity	199	13,700,928

Executive Summary

This project will design and construct bike lane and sidewalk improvements on both sides of Northup Way between NE 24th Street and NE 33rd Place. It is primarily funded by the Washington State Department of Transportation (WSDOT), Connecting Washington State Transportation Funds, and Federal Transportation Alternatives Program (TAP) grant. This project addresses both local and regional pedestrian and bicycle system connectivity and safety issues on this major east-west corridor in the north part of the City.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-156 Title: ITS Master Plan Implementation Program

Proposal: 130.82NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	3,171,002	4,146,002

Executive Summary

This program will fund implementation of projects in the city’s Intelligent Transportation Systems (ITS) Master Plan. It also supports initiatives that will help Bellevue reach the Council’s goal of creating a “Smart City” that uses advanced technology and integration to more efficiently manage all City functions. This proposal is a key strategy in how Bellevue will support mobility through better roadway management, and provides resources necessary to construct new ITS projects, and continue to improve the SCATS adaptive system. Traditional approaches to transportation improvements have focused on roadway widening for added capacity. Employment of ITS allows agencies to provide systematic transportation improvements that focus on better efficiency and providing more information to motorists and the agency. This innovative approach allows the road system to be managed in a way that promotes more informed decision making by the traveling public and multi-modal transportation options.

PW-R-159 Title: East Link Analysis and Development

Proposal: 130.56PA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	6,152,567	18,921,695

Executive Summary

This project continues funding staff and consultant resources to participate with Sound Transit and other potential partners to advance and influence the design and construction of the East Link light rail project. Work tasks will include, but are not limited to, activities that relate directly or indirectly to the East Link project, including City-sponsored projects and programs (operating budget proposal, East Link Overall (#130.07DA) provides further detail for the 2017-2023 workprogram).

PW-R-164 Title: 120th Ave NE Stage 2 - NE 700 Block to NE 12th St

Proposal: 130.53NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	6,131,266	42,702,335

Executive Summary

This proposal continues the full funding of the design, right of way and construction phases to realign and widen 120th Ave NE between NE 700 Block and NE 12th St to five lanes with pedestrian and bicycle facilities. This roadway realignment and widening project improves access and promotes or supports growth in three commercial areas (Wilburton, Downtown Bellevue, and Bel-Red Corridor).

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-166 Title: 124th Ave NE - Spring Blvd to Ichigo Way (NE 18th)

Proposal: 130.54NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	13,004,111	28,287,235

Executive Summary

This proposal funds the completion of final design, ROW acquisition, and construction for the widening 124th Ave NE between NE Spring Blvd and Ichigo Way (NE 18th St). The improvements consist of widening 124th Ave to five traffic lanes including sidewalk on the east side and portion of the sidewalk on the west, planter strips, bridge structure, retaining walls, critical area mitigation, utilities, new signal/street light improvements (a multi-purpose pathway on the west side between NE 16th and Ichigo Way is part of PW-R-191). This project will be done in partnership with Sound Transit (ST). The budget funds ST’s share of design and construction and the City’s share of costs for full implementation of the project scope. This project is one of a number of high priority transportation investments that will improve access, circulation, and mobility options for all modes between Downtown Bellevue, Wilburton, new Bel-Red transit oriented development nodes, and the larger city and region.

PW-R-168 Title: 120th Ave NE (Stage 3) NE 12th St to NE 16th St

Proposal: 130.20NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	6,608,827	25,523,665

Executive Summary

This project will complete final design, right of way acquisition, and the construction for the widening of 120th Ave NE Stage 3, between NE 12th and NE 16th Streets. The proposed improvements consist of widening 120th Ave NE to five traffic lanes including bike lane and sidewalk facilities, a five lane bridge, street lighting, landscaping, and signal improvements were applicable. This project will be done in partnership with Sound Transit as the existing 120th roadway elevation will be raised and a bridge constructed, enabling the East Link light rail to cross under. The budget is intended to fully fund both ST and the City’s share of costs for full implementation of the project scope. This project is one of a number of high priority transportation investments that will improve access, circulation, and mobility options for all modes between Downtown Bellevue, Wilburton, the new Bel-Red transit oriented development nodes, and the larger city and region.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-169 Title: 124th Ave NE - NE 12th to NE Spring Boulevard

Proposal: 130.45NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	86,554	3,364,685

Executive Summary

This project completes design of 124th Ave NE between NE 12th St and NE Spring Blvd. Should the City close on a TIFIA loan it will also complete property acquisition and construction. This portion of 124th Ave NE will be widened to a 5-lane roadway with separated multipurpose pathway on both sides bike facilities, sidewalks, landscaping, signal and illumination, and utility improvements. This project improves access/circulation, supports economic development in the Bel-Red area, and provides non-motorized access to the future 120th station. This project reflects compatibility with development and improving connectivity of people with places. This effort supports developing the broader storm water management plan and reducing additional potential costs to the City.

PW-R-170 Title: 130th Ave NE - Bel-Red Rd to NE 20th St

Proposal: 130.46NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	1,035,563	2,788,916

Executive Summary

This project completes design and provides property acquisition funding for 130th Ave NE between BelRed Rd and NE 20th St. The segment north of Spring Blvd comprises a retail focused/pedestrian-oriented design with a two-lane cross-section, bike lanes, and on-street parking. The segment to the south transitions to a three lane section. Both include curb, gutter and sidewalk on both sides, intersection improvements, potential mid-block crossings, illumination, landscaping, irrigation, storm drainage, water quality treatment, and other underground utilities. The project will be designed in coordination with the East Link project crossing at Spring Blvd and planned transit oriented development in the vicinity. The project will reflect BelRed urban design criteria and will be coordinated with private development and construction of Spring Blvd - 130th to 132nd Aves. NE (CIP No. PW-R-174). Should the City close on a TIFIA loan the scope will expand to full implementation of the project.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-172 Title: NE Spring Blvd (Zone 1) - 116th to 120th Avenues NE

Proposal: 130.48NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	26,106,675	34,285,164

Executive Summary

This proposal provides funding to advance the full design and construction of a new arterial connection between 116th Avenue NE and 120th Avenue NE. The project includes modifications to the existing NE 12th Street, bridge spans for the new NE Spring Boulevard between 120th Avenue NE and NE 12th Street, and traffic signals at each intersection with NE Spring Boulevard. This new arterial connection will provide vehicular and non-motorized capacity and improved circulation to planned development of the Spring District and other nearby transit-oriented development (TOD) by private developers, and the future Sound Transit East Link station east of 120th Avenue NE. The project will be designed and phased for coordination with the Sound Transit East Link alignment, including accommodation for a grade separated undercrossing of the light rail line. NEPA is approved.

PW-R-174 Title: NE Spring Boulevard - 130th to 132nd Ave NE

Proposal: 130.42NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	3,600,001	4,896,963

Executive Summary

This project will complete final design of the full roadway cross-section and funds construction of the westbound travel lane between 130th Avenue NE and 132nd Avenue NE. The design and implementation will be coordinated with Sound Transit's East Link Light Rail Transit (LRT) Station, which is located between the eastbound and westbound travel lanes of this new arterial street connection. Improvements include sidewalks, landscape strips, street lighting, and traffic signal improvements. The timing and coordination of this new arterial connection improves overall access and circulation to/from the proposed transit-oriented development located immediately north of the new arterial street and lessens future disruption to pedestrian and vehicular access once the station is fully operational. Should the City close on a TIFIA loan, property acquisition and construction of the eastbound lane would be completed.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-182 Title: Downtown Transportation Plan/NE 6th Street Station Access

Proposal: 130.108NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	7,450,000	8,700,000

Executive Summary

This project implements the Downtown Transportation Plan (DTP) to improve mobility options for people in Downtown Bellevue. Significant growth in population, employment and commerce will increase the number of daily Downtown trips for all purposes – many of these trips will be walking, bicycling and transit. DTP emphasizes providing exceptional pedestrian and bicycle access throughout Downtown, especially to future light rail stations by installing mid-block pedestrian crossings and enhancing intersections for pedestrian comfort, access and safety. To implement the Comprehensive Plan vision for the character of three Downtown roadway corridors – 106th Ave NE, 108th Ave NE and Main St – analysis and community engagement will determine the design of travel lanes, intersections, mid-block crossings, sidewalks, transit and bicycle facilities. Full buildout of all DTP projects would invest over \$11M in Downtown pedestrian and bicycle access and safety enhancements.

PW-R-183 Title: West Lake Sammamish Parkway, Phase 2

Proposal: 130.44NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	8,000,000	8,000,000

Executive Summary

This project will complete design and provides a placeholder for construction of the second phase of the West Lake Sammamish Parkway Improvements. This phase of the corridor may begin at SE 34th Street and go north to approximately the 1700 block SE. The design funding will consider several design alternatives ranging from continuing with the same improvements as the first phase to developing less costly alternatives while maintaining the original objectives of the improvements of the corridor. This also includes involving the community and obtaining the City Council’s direction on design alternatives. The City’s Pedestrian and Bicycle Transportation Plan identifies improvements to this corridor as a high priority.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-184 Title: Bellevue Way SE HOV Lane - 112th Ave SE 'Y' to I-90

Proposal: 130.03NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	1,170,000	4,399,999

Executive Summary

This project will develop the design and the environmental documentation needed to construct an inside High Occupancy Vehicle (HOV) lane and an outside sidewalk or shoulder on southbound Bellevue Way SE between the “Y” intersection of 112th Avenue SE and Bellevue Way on the north and the main entrance to the South Bellevue Park & Ride on the south end. The improvements may extend to all legs of affected intersections to accommodate or optimize the function of the HOV lane. Southbound PM peak volumes often exceed 2,300 vehicles per hour causing significant congestion for those trying to reach I-90 or the Enatai area, which cause delay in service from buses. Implementation will improve multi-modal access to the park and ride and to I-90 helping to alleviate overall traffic congestion in that area.

PW-R-185 Title: Newport Way Improvements - Somerset Blvd to 150th Av

Proposal: 130.105NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	5,922,929	8,122,929

Executive Summary

This project will fund the design, right-of-way acquisition, and construction of new pedestrian facilities on one side of SE Newport Way, between Somerset Boulevard and 150th Avenue SE. Bicycle facilities and other roadway improvements may also be considered when feasible. The design phase and community outreach for this project is currently underway. A preferred project scope that is supported by the community is expected to be identified in the Fall of 2016. This project was identified as high priority in the City’s Pedestrian and Bicycle Transportation Plan.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-186 Title: 120th Avenue NE Stage 4, NE 16th St to Northup Way

Proposal: 130.99NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	500,000	1,000,000

Executive Summary

This project funds the engineering design and coordination work of an interagency partnership between the City of Bellevue, King County and Sound Transit to develop preliminary plans, cost estimates, and update environmental documentation needed to evaluate the feasibility and impacts of the widening and realignment of 120th Ave NE between NE 16th Street and Northup Way. The project will evaluate how the roadway alignment may accommodate the planned Sound Transit Operations and Maintenance Satellite Facility (OMSF) and potential Transit Oriented Development on the west side of the roadway corridor. The project will also include evaluation of the NE 16th Street intersection, both sides of 120th Avenue NE, with particular focus on the west side (the south end of the planned OMSF); evaluating the approach alignment and the feasibility of potential extension of NE 16th Street west to 116th Avenue NE.

PW-R-187 Title: Traffic Signals & Controllers & Temp. Bus Stop

Proposal: 130.01NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Closed	Improved Mobility and Connectivity	0	455,000

Executive Summary

This project encompasses two separate subprojects as defined in the 2015 amended umbrella Memorandum of Understanding (MOU) between Sound Transit (ST) and the City, with ST making a lump sum payment to the City. The first subproject is for the City to acquire, test, and commission traffic signals necessary for the East Link project. The second subproject, which has been completed is the construction of a temporary bus pad on Bellevue Way SE at 112th Avenue SE (across from the South Bellevue Park and Ride). The bus pad was designed by ST.

PW-R-188 Title: Franchise Utility Relocation

Proposal: 130.02NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	142,500	570,000

Executive Summary

This project provides for the City's cost share (40%) for the relocation and undergrounding of franchise utilities along Bellevue Way SE extending from the South Bellevue Park & Ride to the vicinity of the 112th Avenue SE 'Y', which is required for the Sound Transit (ST) East Link project. As defined in the 2015 amended umbrella Memorandum of Understanding (MOU) between ST and the City, ST will reimburse the City for the actual costs incurred.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-189 Title: TOD, Station Area, and Land Use Planning

Proposal: 130.56NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	1,517,369	2,689,919

Executive Summary

This project will complete plans for the South Bellevue and East Main station areas. Work tasks for South Bellevue will include finalizing the report for City Council action and any additional follow-up from Council related to finalizing the plan. Work tasks for East Main include but are not limited to activities that relate to technical support for the citizen advisory committee (CAC); community and stakeholder outreach; developing and analyzing alternative redevelopment scenarios; traffic analyses; environmental analyses; public engagement; and City Council action and associated staff follow-up. Implementation of transit-oriented development (TOD) at the two BelRed stations requires in-house and consultant resources to complete agreements with Sound Transit, including transfer of property ownership; coordination with Sound Transit and other agencies, organizations and potential developers on plans for TOD; technical analyses; and public engagement.

PW-R-190 Title: 124th Avenue NE – NE 8th to NE 12th Street

Proposal: 130.120NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	100,000	919,000

Executive Summary

This project funds the design phase only for non-motorized improvements on 124th Ave NE between NE 8th and NE 12th St. This portion of 124th Ave NE will add a multipurpose pathway on both sides of 124th Ave SE, landscaping, illumination, and utility improvements. This project improves access/circulation, supports economic development in the Bel-Red area, and provides non-motorized access to the future 120th station. This project reflects compatibility with development and improving connectivity of people with places, and includes replacing existing City of Seattle transmission towers with mono-tube towers, as a cost effective approach in minimizing impact to properties. This effort supports developing the broader storm water management plan and reducing additional potential costs to the City.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-191 Title: 124th Avenue NE/Ichigo Way (NE 18th St) to Northup Way

Proposal: 130.110NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	1,840,000	2,560,000

Executive Summary

This project completes the design of 124th Ave NE from Ichigo Way (NE 18th St) to Northup Way, design of a multi-purpose pathway on the west side between NE 16th St and Ichigo Way, and replaces existing City of Seattle transmission towers with mono-tube towers as a cost effective approach to minimize impact to properties. The full roadway plan will construct a five lane roadway, sidewalks, culvert replacement, critical area mitigation, planter strips, retaining walls, and new signal and street lighting improvements. This project is one of several high priority investments that will improve access, circulation, and mobility for passenger cars, transit, freight, pedestrians, and bicycles to and between the Downtown, Wilburton, the new Bel-Red transit-oriented-development nodes, and the larger city and region. NEPA approved.

PW-R-192 Title: 124th Avenue NE at SR 520

Proposal: 130.111NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Improved Mobility and Connectivity	250,000	250,000

Executive Summary

This project will construct ramp and interchange improvements at SR-520 and 124th Avenue NE. Although led by WSDOT as a regional effort, funding to coordinate with WSDOT’s design, environmental and/or early implementation efforts is needed. WSDOT funding for design and environmental work begins in 2018. It is a city council desire that this funding be advanced to the extent possible to support anticipated development in the Bel-Red area.

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CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-R-193 Title: BelRed Corridor Local Street Network

Proposal: 130.113NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Improved Mobility and Connectivity	432,000	432,000

Executive Summary

The Bel-Red Plan requires the progressive development of a network of new local streets to unlock development potential and to create walkable, attractive neighborhoods. During the Bel-Red planning process staff and the Planning Commission reviewed a potential new street grid that started with an idealized small block size of about 300 feet on each face then adjusted for current parcel configurations, existing streets, and natural features such as streams, topography, and other geographic elements. However, while the plan for new local streets considered a number of factors, it was conducted at the subarea programmatic level and was unable to review very detailed attributes, such as the location of utilities, existing curb cuts, and property access easements. This proposal will fund the additional planning and preliminary engineering necessary so that precise street and right of way needs can be documented and communicated for each parcel or group of parcels at the time of development.

PW-R-194 Title: West Lake Sammamish Parkway Phase 3

Proposal: 130.117NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Improved Mobility and Connectivity	1,000,000	1,000,000

Executive Summary

This project provides funding for design alternative analysis of the third phase (of five total phases) of the West Lake Sammamish Parkway Improvements. This phase of the corridor may begin at approximately the 1700 block SE and go north for approximately one mile. Final determination of the actual segment of work will be made based upon then roadway conditions and public input. The design funding will consider several design alternatives ranging from continuing with the same improvements as the first and/or second phase to developing less costly alternatives while maintaining the original objectives of the improvements of the corridor. Community input and City Council’s direction will be sought on design alternatives. The City’s Pedestrian and Bicycle Transportation Plan identifies improvements to this corridor as a high priority.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-W/B- Title: Pedestrian and Bicycle Access and Connections

56 Proposal: 130.84NA Department: Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	3,364,000	11,600,176

Executive Summary

This proposal maintains funding for the Pedestrian and Bicycle Access and Connections Program (CIP PW-W/B-56) to improve access and connections for people walking and bicycling. Projects funded through this program enhance mobility for everyone and simultaneously promote community health and foster environmental sustainability. The program priorities – derived from policy support in the Transportation Element of the Comprehensive Plan – are to provide access and to enhance connections for people walking and bicycling to schools, shopping, jobs, transit, parks and other destinations. Program funds build discrete small projects and may be used to leverage grants, and to enable partnerships with other City programs, agencies, or the private sector to construct larger-scale projects.

PW-W/B- Title: Neighborhood Sidewalks

76 Proposal: 130.57NA Department: Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Improved Mobility and Connectivity	8,403,884	14,181,144

Executive Summary

This proposal enforces the City’s commitment to build a safe and continuous pedestrian system and enhance quality of life and the environment by promoting pedestrian and bicycle travel over motor vehicle trips. Sidewalks are one of the most requested neighborhood improvements the City receives. This proposal would fund individual mid-sized neighborhood sidewalk projects that that may not otherwise compete well as stand-alone projects for citywide Capital Investment Program (CIP) funding. Typically costing between \$500,000 and \$2,000,000, these projects connect neighborhoods and provide convenient access to schools, shopping and activity centers, bus systems, and parks throughout the City. Projects are prioritized in consideration of safety issues, accessibility to destinations, connections to transit systems, and ultimately, by strong community support.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Improved Mobility and Connectivity

PW-W/B- Title: Mountains to Sound Greenway Trail

78 Proposal: 130.16NA Department: Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Improved Mobility and Connectivity	903,343	3,449,173

Executive Summary

This project will complete the design of the at-grade segments between Factoria Blvd SE and 150th Ave SE as adopted in the 2013-2019 CIP. The proposal also includes added investment to 1) complete design of the at-grade portions of the MTSG Trail east of 150th Avenue SE to the Sunset pedestrian bridge and potential grade separated crossings at Factoria Blvd SE 2) design funding for the relocation of the existing trail alignment from the I-90 off-ramp to Factoria Blvd, in coordination with WSDOT and 3) complete the design of at grade trail from Sunset Pedestrian Bridge to Lakemont Blvd SE. This would allow the off-ramp to be restriped from one to two lanes wide to address significant safety issues associated with ramp traffic backing up to the I-90 mainline. This backup results in the mixing/merging of freeway speed traffic (60+mph) with stopped traffic. The current trail was placed in the off-ramp tunnel 25+ years ago when traffic volumes were much lower.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

CD-11 Title: Public Art Program

Proposal: 115.22DA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	2,450,005	7,955,875

Executive Summary

The Public Art Program will fill the City with creativity and innovation by unveiling nine new permanent and site-specific artworks in six neighborhoods in 2017 and 2018. These pieces will add to a growing PUBLIC ART COLLECTION of over 60 permanently sited artworks designed to celebrate distinct neighborhood identities and reflect the evolving character of Bellevue. Three initiatives will push creative boundaries with quick and timely projects including: 1) BELLWETHER EXHIBITIONS with a new focus on showcasing the latest innovations in public art and technology; 2) the new PORTABLE ART COLLECTION that encourages community dialogue on key themes such as diversity and sustainability through artworks that rotate inside City buildings; and 3) STREET ARTS that turn under-invested areas into inspiring destinations. Through these services the City will advance its reputation as a creative and innovative community and ensure the public realm is a leading source of pride for citizens.

CD-22 Title: Enhanced Right of Way and Urban Boulevards (ERUB)

Proposal: 115.07NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	3,500,003	6,399,180

Executive Summary

This proposal provides funding to transform under-invested Rights-of-Way into inviting city and neighborhood features that support the vision of Bellevue as a place where people want to be. This interdepartmental initiative plans, designs, and constructs enhancements to the public realm - boulevards, Rights-of-Way, and gateways. Planning, design, and implementation will be guided by urban design principles and community input, integrating streetscape elements, such as street trees, landscaping, public art, seating, lighting and pedestrian facilities, utilize low impact development standards, and pilot innovative technologies to improve pedestrian and driver experiences, express civic and neighborhood pride, and demonstrate the city's commitment to improving the environment. Funding will promote neighborhood livability and identity, enhance tree canopy cover, benefit the local ecosystem, and increase property values throughout Bellevue.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

CD-41 Title: Civic Center Plan

Proposal: 115.41NA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Quality Neighborhoods, Innovative, Vibrant, & CC	550,000	550,000

Executive Summary

This proposal will result in a master plan for the Civic Center District, a key node on the Grand Connection at its interface with the east end of Downtown and I-405. The proposal responds directly to Council priority #12: “Create a civic center plan integrating City Hall, the Metro property, Convention Center expansion, and the Transit Center.” The Plan will resolve a number of key issues, including the future use of the Metro site and its integration with City Hall and the Downtown light rail station, the use of the convention center expansion parcel and how best to serve the convention center’s future space needs, the appropriate pedestrian and bicycle circulation in this district, open space opportunities, and the potential for an iconic element or elements anchoring this segment of the Grand Connection.

NEP-2 Title: Neighborhood Enhancement Program

Proposal: 115.21DA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	5,075,000	6,525,000

Executive Summary

The Neighborhood Enhancement Program will illustrate the City’s commitment to, and investment in, a community-directed, neighborhood improvement program that responds to evolving physical and social landscapes. NEP will dedicate City staff and funding to each Neighborhood Area, engaging residents in a six-month process to propose and select modest capital projects that enhance quality of life and strengthen community. NEP will encourage residents to reimagine current public spaces as great public places they want to experience and share. NEP will leverage social capital initiated during the planning process and collaborate with residents during the subsequent project design and construction phases to deliver results that celebrate character and generate pride. NEP will personify the One City process, relying on interdepartmental participation from PCD, Parks, Transportation, Utilities and DSD to transform community concerns and ideas into feasible solutions and tangible results.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

NIS-2 **Title: Neighborhood Partnerships**

Proposal: 115.20DA **Department:** Planning & Community Development

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	560,005	1,687,219

Executive Summary

The Neighborhood Partnerships Program provides funding that enables the City to stimulate civic involvement and community pride in neighborhoods by promoting the direct, hands-on participation of neighbors in planning and implementing community improvements. This includes small capital improvements that improve the quality, appearance and overall livability of neighborhoods (landscaping, entry signs, gathering place enhancements and amenities, etc.) and targeted neighborhood capital projects that address neighborhood needs for safe and well maintained spaces that improve the day to day environment of residents. The Neighborhood Partnerships Program depends on partnership and planning with neighborhood residents and ensures that neighborhoods take pride in their successful projects and are motivated to maintain and build upon community improvements. These activities are vital to build community and keep neighborhoods safe, attractive and well maintained.

P-AD-27 **Title: Park Planning & Design**

Proposal: 100.72NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	2,200,007	8,557,471

Executive Summary

This proposal requests ongoing funding for planning, design, and technical work to support ongoing park planning efforts; to support multi-departmental planning initiatives; to explore and implement partnership opportunities; to study the feasibility of park acquisition and development projects; and to complete the Ashwood Park Master Plan Update. Recent planning activities have included light-rail impacts, citizen survey for the Park & Open Space Plan Update, Bel-Red park studies, Seattle University partnership at Bannerwood Park, Bellevue West Little League partnership at Hidden Valley Park, Inspiration Playground partnership with Rotary and the Newport Hills planning efforts. Some of this work has lead to specific capital projects and partnership projects that leverage private funds. Staffing to implement this proposal is provided through proposal 100.11NA.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

P-AD-79 Title: King County Parks Levy

Proposal: 100.70NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	1,242,002	5,583,582

Executive Summary

This proposal funds parks acquisition and development from a 2013 King County voter-approved levy, part of which distributes funds to cities for the acquisition, development and renovation of parks. Bellevue will continue to receive funds through 2019.

P-AD-82 Title: Park & Open Space Acquisition (Levy)

Proposal: 100.60NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	7,175,001	13,381,803

Executive Summary

This proposal requests funds to acquire park and open space properties throughout the city. Property acquisition was a centerpiece of the voter-approved 2008 Parks and Natural Areas Levy, providing \$10 million to acquire land to complement the existing park system. An additional \$10 million was identified in City CIP funds to match this money to leverage acquisition opportunities. The levy was approved by 67% of the voters. The proposal continues the City's ongoing ability to respond to acquisition opportunities as they arise throughout the community.

P-AD-83 Title: Bellevue Airfield Park Development (Levy)

Proposal: 100.62NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	95,071	1,519,654

Executive Summary

This proposal seeks funding to complete the design and obtain the necessary permits for the initial phase of Bellevue Airfield Park development consistent with the adopted Master Plan. Funding was approved in the FY2015-21 CIP budget and design is underway. At full build-out, the park will include two lighted athletic areas, a picnic area, children's play areas, restrooms, parking, walkways and trail connections. Park components for phase 1 development will be determined during project design. The Master Plan is the result of a community-based planning effort. This project is part of the 2008 voter-approved Parks & Natural Areas Levy.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

P-AD-92 Title: Meydenbauer Bay Phase 1 Park Development

Proposal: 100.80NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	9,521,537	17,222,001

Executive Summary

This proposal requests funds to complete Phase 1 improvements at Meydenbauer Bay Park. At full build-out, this park will create a memorable waterfront destination that will attract people year-round. This proposal would fund improvements west of 99th Avenue, connecting the marina to the existing Meydenbauer Beach Park. Construction is expected to start in early 2017 and completed in 2018.

P-AD-95 Title: Surrey Downs Park Development (Levy)

Proposal: 100.83NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	7,188,000	8,029,408

Executive Summary

The proposal requests funds to complete the design, permits and construction of park facilities consistent with the adopted Master Plan Update. The update was necessitated by the final light rail alignment that eliminated vehicle access from 112th Avenue, which had been the main access to the park. A significant public outreach effort resulted in a plan strongly supported by the neighborhood. The project timing assumes that design and permitting would be complete in 2017. Following light rail construction, park development would start in 2018 and be complete in 2019. Timing is dependant the progress of light rail construction adjacent to the park.

P-AD-96 Title: Mercer Slough East Link Mitigation

Proposal: 100.95NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	2,140,000	2,340,000

Executive Summary

Pursuant to the 2015 East Link Amended and Restated MOU, Sound Transit provided funds to the City to implement park mitigation measures in Mercer Slough required as a result of the light rail project. Funding is provided to design and construct trail and boardwalk connections, and to construct a farm stand building to replace the current facility that will not be available to the public after the light rail project is complete. Construction of the City facilities will follow light rail construction, and estimated to occur in 2020.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

P-AD-100 Title: Gateway NE Entry at Downtown Park

Proposal: 100.96NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Quality Neighborhoods, Innovative, Vibrant, & CC	3,000,000	3,000,000

Executive Summary

This proposal requests funds to complete the development of the Northeast Corner of Downtown Park. This corner of the park has long been considered a key element in providing the park’s visual and functional connection to downtown Bellevue. Development is consistent with the Council-adopted Master Plan.

P-R-02 Title: Enterprise Facility Improvements

Proposal: 100.76NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Quality Neighborhoods, Innovative, Vibrant, & CC	2,250,002	13,218,877

Executive Summary

This proposal seeks funding to continue providing capital improvements at the Bellevue Golf Course and other Parks Enterprise facilities, including the Aquatic Center, Tennis Center, Robinswood House and sportsfields. Capital improvements proposed each year will limit liability exposure, reduce operating expenses and/or increase revenues at these facilities. The most recent project reconstructed the golf course driving range tee area to provide a two-level structure that added capacity and increased revenues.

P-R-11 Title: Parks Renovation & Refurbishment Plan

Proposal: 100.77NA **Department:** Parks & Community Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Quality Neighborhoods, Innovative, Vibrant, & CC	38,068,581	91,590,198

Executive Summary

This proposal seeks continued funding to systematically renovate and refurbish existing park infrastructure and maintain the safety, integrity, accessibility, efficiency and function of our system. Work items identified are beyond the scope of the Department’s normal maintenance and operating budget but do not meet the threshold of a discrete capital project. Projects generally fall in the \$15K to \$500K range. The RRP is an annually updated seven-year plan that identifies and prioritizes renovation and repair needs throughout the existing park system, and also recognizes system-wide expansion resulting from ongoing acquisition and development projects.

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CIP Budget Project Summaries

Quality Neighborhoods/Innovative Vibrant and Caring Community

PW-W/B- Title: Pedestrian Facilities Compliance Program
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Proposal: 130.83NA Department: Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Quality Neighborhoods, Innovative, Vibrant, & CC	796,002	2,478,131

Executive Summary

This program provides a resource to identify, inventory, prioritize, design, and construct spot improvements to pedestrian facilities citywide to meet compliance standards stemming from the Americans with Disabilities Act (ADA). This program serves as the City’s dedicated source for addressing citizen accessibility requests and, as funding is available, implementing high priority retrofits identified in the City’s ADA Access Enhancement Plan for the Public Right of Way (a.k.a. Transition Plan). Projects constructed under this program improve pedestrian accessibility and safety for people with disabilities and also reduce the City’s vulnerability to litigation related to ADA compliance.

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CIP Budget Project Summaries

Responsive Government

G-01 **Title: City Fuel System Replacement**

Proposal: 045.61NA **Department:** Civic Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Responsive Government	725,000	995,000

Executive Summary

This Capital Improvement Program (CIP) is for replacement of the City’s fuel system. The current system supports all City departments, including Police, Fire, Transportation, and Utilities by providing fuel infrastructure that serves all City vehicles and equipment, including emergency generators used during disaster events. Replacement is necessary because fuel pumps and underground storage tanks are reaching the end of their useful life. Additionally, environmental pressures and government mandates require the use of alternative fuels which are not compatible with some of the existing equipment. This CIP supports planning, design, and implementation of required changes over a period of time, starting with fuel pumps and fuel line systems and ultimately replacing older metal underground storage tanks at Bellevue Service Center.

G-04 **Title: Hearing Accessibility for Public Spaces**

Proposal: 045.65NA **Department:** Civic Services

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved Prior	Responsive Government	240,000	480,000

Executive Summary

This important project increases opportunities for participation and public dialogue for people with hearing loss, directly supports Council’s priority to implement hearing accessibility, improves transparency and open government, and meets Americans with Disabilities Act (ADA) requirements. In 2016 state-of-the-art hearing loop systems were installed at City Hall in high priority public meeting rooms (council chamber, council conference room, and room 1E-108) and the Bellevue Youth Theatre. This proposal continues the next phase of hearing accessibility work, focusing on: installations at community centers & the botanical garden; addition of portable systems at City Hall, mini City Hall, and several Parks venues; and provision of loops for customer service counters at Police, Probation, and other locations throughout the city.

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CIP Budget Project Summaries

Responsive Government

G-59	Title: <u>Finance/Human Resources Systems</u>			
	Proposal: <u>060.04NA</u>	Department: Finance		
	Status	Category	<u>Project Cost</u>	<u>Total Project Cost through</u>
			<u>2017-2023</u>	<u>2023 Budget Request</u>
	Approved Prior	Responsive Government	1,123,400	15,750,349

Executive Summary

This proposal provides funding to upgrade and enhance the City’s Finance and Human Resources Systems (JD Edwards/MySelf Service), to enhance the Business and Occupation Tax system (PRAXIS), implement a new financial reporting tool and, implement a Human Resources Talent Management system. The Enterprise Resource System (ERP) System upgrade will enable the City to stay in compliance with tax laws while updating the applications with new functionality to support all City departments. The new reporting tool ensures the integrity of the data reported to state auditors and citizens of Bellevue. The new integrated Talent Management system provides an improved Performance Management process that will drive consistency and increase engagement.

G-94	Title: <u>Enterprise Application Replacement Reserve</u>			
	Proposal: <u>090.17NA</u>	Department: Information Technology		
	Status	Category	<u>Project Cost</u>	<u>Total Project Cost through</u>
			<u>2017-2023</u>	<u>2023 Budget Request</u>
	Ongoing	Responsive Government	6,400,000	6,900,000

Executive Summary

The City relies on enterprise applications used by all staff and serving critical operations. This proposal provides a funding stream intended to modestly fund the eventual replacement of the Financial and Human Resources Information system (JD Edwards), the Enterprise Asset Management System (Maximo), the city-wide Point of Sale (POS) system, city website and others. Collectively, the cost of these applications cost around \$8 million to procure and implement. Inadequate replacement funding hampers the ability to respond to future business needs in an ever-changing technology industry.

G-106	Title: <u>Interlocal Council Contingency</u>			
	Proposal: <u>040.36NA</u>	Department: City Manager		
	Status	Category	<u>Project Cost</u>	<u>Total Project Cost through</u>
			<u>2017-2023</u>	<u>2023 Budget Request</u>
	Approved Prior	Responsive Government	1,118,469	1,118,469

Executive Summary

N/A

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CIP Budget Project Summaries

Responsive Government

NCS01 **Title: Long-Range Property & Facilities Plan**

Proposal: 045.68NA **Department: Civic Services**

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Responsive Government	280,000	280,000

Executive Summary

The City has a significant investment in property and facilities that are a vital component of our infrastructure and service delivery. The significant value and importance of these facility assets warrants a long-range plan that leverages the City’s investment in property to meet the community’s needs in a comprehensive and integrated way. A comprehensive facility and property plan does not exist. Key activities will include assessment of City needs and properties, strategies to achieve multiple benefits, recommendations on property acquisitions and dispositions, financial strategies for acquisition and development, and potential partnerships. The plan will inform staff planning and Council decisions, and the City will be better prepared to act when acquisition or development opportunities arise. An important outcome of this plan will be identification of civic needs potentially accommodated on the Metro Site, an important strategic element of the Civic Center Planning to be initiated in 2018.

PW-M-15 **Title: Wetland Monitoring**

Proposal: 130.88NA **Department: Transportation**

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Responsive Government	354,239	495,239

Executive Summary

This proposal funds the cost to monitor the performance and maintain wetland mitigation sites mandated by the Army Corps of Engineers and other regulatory agencies for associated Transportation projects. The creation of this program allows completed Transportation project files to be closed instead of staying open throughout the wetland monitoring period which could be five to ten years after the completion of a project.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Safe Community

NCS03 **Title: Citywide Security Improvements**

Proposal: 045.70NA **Department:** Civic Services

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Safe Community	350,000	350,000

Executive Summary

This proposal provides funding for a consultant to conduct a comprehensive security assessment of 22 City facilities to detect potential vulnerabilities in procedures, practices, and security infrastructure and to provide subsequent funding to prioritize, install and/or improve upon the liabilities and weaknesses identified within those assessments. With the increasing frequency and sophistication of harmful events directed at public and governmental targets, it is essential to create and maintain common, robust, security measures to meet the needs of varying scenarios on a facility-by-facility basis. It is imperative that the City conduct regular assessments of its security protocols and preventive measures to ensure we are striking a judicious balance in our collective approach to ensuring the safety and security of employees and citizens within our various facilities.

PS-16 **Title: Fire Facility Maintenance**

Proposal: 070.10NA **Department:** Fire

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Safe Community	13,921,000	26,343,297

Executive Summary

This proposal provides funding for major repairs, and/or upgrades required at nine (9) Fire Stations and the Public Safety Training Center which are not of sufficient magnitude to warrant a separate capital investment project. The Fire Department has 10 facilities to maintain with unique and special requirements necessary to operate efficiently and respond to fire and medical emergencies 24 hours a day, seven days a week. The Fire Department Long Range Facility Plan and a recent facility survey documented numerous deferred maintenance issues and facility renovations that are needed stop the deterioration of fire facilities and provide for the safety of personnel, As a result, the annual allocation for this project was increased by \$1 million. In addition, the Knox Box Replacement project (PS-62) has also been folded into this project.

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City of Bellevue - Budget One 2017-2023

CIP Budget Project Summaries

Safe Community

PS-63 **Title: Fire Facility Master Plan**

Proposal: 070.23NA **Department:** Fire

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Approved Prior	Safe Community	14,850,000	22,100,000

Executive Summary

In 2013, the Bellevue City Council authorized the development of a Fire Facility Master Plan to meet the changing emergency response needs of our community. The consultant study analyzed population, fire risk, service demand, emergency response performance, firefighter health & safety, operations, training requirements and functional space needs at nine fire stations and the Public Safety Training Center. Due to fiscal constraints, this proposal seeks to fund only the most critical needs identified in the study. The two most critical needs identified in the study include: 1. Rebuilding Fire Station Five (\$12 M); and, 2. Purchasing property for a new downtown fire station (\$10 M). A funding plan will need to be developed in the future to address the remaining projects identified in the master plan including identifying additional funds to complete the expansion of the training center.

PW-M-19 **Title: Major Maintenance Program**

Proposal: 130.89NA **Department:** Transportation

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
Ongoing	Safe Community	7,925,050	14,736,001

Executive Summary

This program inventories and prioritizes needs for maintenance, rehabilitation, reconstruction, or replacement of major transportation systems components and other related right-of-way appurtenances. The program addresses high priority maintenance needs including, the repair, rehabilitation, or replacement of roadways, walkways, trails, retaining walls, rockeries, guardrail, pedestrian safety railing, and City-owned fences with costs to repair higher than funding available for routine maintenance activities. The program may also conduct street lighting or traffic signal system repairs or replacements. Program funding currently includes a temporary funding lift to the base program allocation in for three years of the CIP (2015-17) to bring three traffic signals along 148th Avenue up to current standard and thereby mitigating system reliability and traffic safety concerns.

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2017-2023 Utilities CIP Project Expenditures

City of Bellevue 2017-2018 Preliminary Budget

CIP Plan No.	Project Name	2016 Approp. To Date	2017 Estimate	2018 Estimate	2019 Estimate	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	2017-2023 Total	New Total Project Budget
WATER CIP											
W-16	Small Diameter Water Main Replacement	63,175,885	10,325,000	9,542,000	9,722,000	9,916,000	10,114,000	10,317,000	10,358,000	70,294,000	133,469,885
W-67	Pressure Reducing Valve (PRV) Rehabilitation	8,456,971	545,000	400,000	281,000	541,000	424,000	433,000	441,000	3,065,000	11,521,971
W-69	Minor (Small) Water Capital Improvement Projects	5,498,619	216,000	253,000	223,000	206,000	119,000	245,000	250,000	1,512,000	7,010,619
W-82	Fire Hydrant Standardization	1,296,965	2,532	315,000	-	254,000	-	-	-	571,532	1,868,497
W-85	Reservoir Rehabilitation or Replacement	11,465,705	61,772	423,000	1,888,000	715,000	777,000	1,382,000	2,011,000	7,257,772	18,723,477
W-91	Water Pump Station Rehabilitation or Replacement	8,026,238	1,345,235	838,000	2,997,000	2,131,000	2,880,000	2,782,000	2,312,000	15,285,235	23,311,473
W-98	Replacement of Large Commercial Water Meters	2,979,308	119,855	550,000	-	573,000	584,000	596,000	608,000	3,030,855	6,010,163
W-99	Water Service Line and Saddle Replacement	2,416,932	72,568	253,000	258,000	263,000	269,000	274,000	280,000	1,669,568	4,086,500
W-103	Increase Drinking Water Storage Availability for West Op Area	779,547	342,539	641,000	654,000	-	-	-	-	1,637,539	2,417,086
W-104	New Water Inlet Station	-	637,000	2,273,000	2,319,000	-	-	-	-	5,229,000	5,229,000
W-105	Water Facilities for NE 15th Multi Modal Corridor	-	387,000	-	364,000	333,000	-	-	-	1,084,000	1,084,000
W-105-B	Water Facilities for NE 15th Multi Modal Corridor (Bank)	1,073,957	231,000	236,000	-	-	250,000	255,000	260,000	1,232,000	2,305,957
W-108	Advanced Metering Infrastructure (AMI) Implementation (Water)	-	210,000	5,644,800	10,307,500	-	-	-	-	16,162,300	16,162,300
W-109	Richards Road Inlet Supply Satation Improvements	-	500,000	-	-	-	-	-	-	500,000	500,000
W-110	NE 40th and Enatai Inlet Water Station	-	200,000	-	-	-	-	-	-	200,000	200,000
TOTAL WATER CIP		105,170,127	15,195,501	21,368,800	29,013,500	14,932,000	15,417,000	16,284,000	16,520,000	128,730,801	233,900,928
SEWER											
S-16	Sewage Pump Station Improvements	14,033,491	40,664	1,815,000	1,095,000	1,118,000	1,110,000	1,013,000	1,212,000	7,403,664	21,437,155
S-24	Sewer System Pipeline Major Repairs	21,014,785	1,890,000	1,952,000	1,991,000	2,031,000	2,072,000	2,113,000	2,155,000	14,204,000	35,218,785
S-32	Minor (Small) Sewer Capital Improvement Projects	2,364,323	102,000	110,000	112,000	115,000	117,000	119,000	122,000	797,000	3,161,323
S-58	Lake Washington Sewer Lake Line Assessment Program	1,801,400	117,555	-	-	-	-	-	-	117,555	1,918,955
S-59	Add on-site Power at Sewer Pump Station	224,981	1,013	77,000	587,000	270,000	-	-	-	935,013	1,159,994
S-60	Wilburton Sewer Capacity Upgrade	9,862,599	568,000	11,000	11,000	11,000	11,000	12,000	-	624,000	10,486,599
S-61	Midlakes Pump Station Capacity Improvements	4,069,715	301,980	-	-	-	-	-	-	301,980	4,371,695
S-66	Sewer System Pipeline Replacement	3,404,100	2,732,789	677,000	2,419,000	1,745,000	1,219,000	1,157,000	1,770,000	11,719,789	15,123,889
S-67	I&I Investigations and Flow Monitoring	470,000	256,382	230,000	223,000	96,000	-	-	-	805,382	1,275,382
S-68	Sewer Force Main Condition Assessment	522,000	236,879	20,000	-	-	-	-	-	256,879	778,879
S-69	Meydenbauer Bay Park Sewer Line Replacement	348,000	3,832,000	-	-	-	-	-	-	3,832,000	4,180,000
S-108	Advanced Metering Infrastructure (AMI) Implementation (Sewer)	-	90,000	2,419,200	4,417,500	-	-	-	-	6,926,700	6,926,700
TOTAL SEWER		58,115,394	10,169,262	7,311,200	10,855,500	5,386,000	4,529,000	4,414,000	5,259,000	47,923,962	106,039,356
STORM & SURFACE WATER											
D-59	Minor (Small) Storm Capital Improvement Projects	3,201,286	-	221,000	218,000	237,000	242,000	246,000	251,000	1,415,000	4,616,286
D-64	Strom System Conveyance Repairs and Replacement	13,921,231	1,886,000	1,373,000	1,241,000	1,330,000	1,424,000	1,524,000	1,633,000	10,411,000	24,332,231
D-81	Fish Passage Improvement Program	4,783,895	418,000	461,000	174,000	467,000	236,000	607,000	507,000	2,870,000	7,653,895
D-86	Stream Channel Modification Program	4,686,568	388,000	303,000	544,000	365,000	423,000	298,000	552,000	2,873,000	7,559,568
D-94	Flood Control Program	7,591,973	-	3,683,000	1,294,000	906,000	957,000	714,000	864,000	8,418,000	16,009,973
D-103	Replace Coal Creek Pkwy Culvert at Coal Creek	5,235,250	13,000	13,000	13,000	-	-	-	-	39,000	5,274,250
D-104	Stream Restoration for Mobility & Infrastructure Initiative	-	110,000	112,000	5,000	6,000	6,000	-	-	239,000	239,000
D-104-B	Stream Restoration for Mobility & Infrastructure Initiative (Bank)	8,194,188	2,231,300	2,522,167	-	-	-	-	-	4,753,467	12,947,655
D-105	Replace NE 8th St Culvert at Kelsey Creek	336,000	733,000	2,778,000	16,000	8,000	8,000	8,000	8,000	3,559,000	3,895,000
D-106	Lower Coal Creek Flood Hazard Reduction Phase I	1,366,889	2,515,000	2,475,000	2,311,000	10,000	10,000	-	-	7,321,000	8,687,889
D-107	Storm Water Video Inspection Enhancement	913,000	963,000	459,000	246,000	-	-	-	-	1,668,000	2,581,000
D-109	Storm Retrofit in Kelsey Creek	-	90,000	125,000	128,000	-	-	-	-	343,000	343,000
TOTAL STORM & SURFACE WATER		50,230,280	9,347,300	14,525,167	6,190,000	3,329,000	3,306,000	3,397,000	3,815,000	43,909,467	94,139,747
TOTAL UTILITIES CIP		213,515,801	34,712,063	43,205,167	46,059,000	23,647,000	23,252,000	24,095,000	25,594,000	220,564,230	434,080,031

Reserves are excluded from the table above.



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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

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

Proposal: 140.04NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	1,415,000	4,616,286

Project Description

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.

D-64 **Title: Storm System Conveyance Repairs and Replacement**

Proposal: 140.04NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	10,411,000	24,332,231

Project Description

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. The Utilities’ Asset Management Program is evaluating when system replacement will require significant increases to the budget.

D-81 **Title: Fish Passage Improvement Program**

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	2,870,000	7,653,895

Project Description

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 Kelsey Creek at 140th Ave NE; on Yarrow West Tributary; on Newport Creek; at Mercer/Alcove Creek, and on Yarrow East Tributary.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

D-86 Title: Stream Channel Modification Program

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	2,873,000	7,559,568

Project Description

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 coniferous trees to reduce willow mono-culture or 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 Lower Kelsey Creek, at the Coal Creek Channel, and erosion control in the Sunset Creek ravine.

D-94 Title: Flood Control Program

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	8,418,000	16,009,973

Project Description

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. Candidate sites are wherever levels of service (LOS) for flood protection are not met. 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. Post construction monitoring on Coal Creek Upper Reach; 3. Factoria Boulevard Conveyance Improvements; 4. Meydenbauer Basin / CBD Conveyance Improvements; 5. Wolverine Drive Flood Control Project; 6. North Sammamish Flood Improvements; 7. Overlake Overflow / NE 20th Street Improvements. Lower Coal Creek Sed. Pond, Sunset / SE 30th St Flood Control; 8. Sunset Creek / Garden Brook; 9. 156th Ave SE & SE 4th St. Storm Drainage Improvements; 10. Phantom / Larson Lake Channel Regrade. The SE Newport Way Culvert Replacement Project previously on this list has been deleted. King County completed repairs at the site prior to Bellevue's annexation of the area. Kelsey Creek/SE 7th Street Flood Control was also removed from the list. Field investigation suggests that enhanced maintenance at that site may result in significant improvement. If further channel or culvert work is needed, it will be considered for addition to the project list during a future CIP update.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

D-103 Title: Replace Coal Creek Pkwy Culvert at Coal Creek

Proposal: 140.04NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Storm Drainage	39,000	5,274,250

Project Description

This project replaced 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.

D-104 Title: Stream Restoration for Mobility & Infrastructure Initiative

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	239,000	239,000

Project Description

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.

D-104-B Title: Stream Restoration for Mobility & Infrastructure Initiative (Bank)

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Storm Drainage	4,753,467	12,947,655

Project Description

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).

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

D-105 Title: Replace NE 8th St Culvert at Kelsey Creek

Proposal: 140.04NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Storm Drainage	3,559,000	3,895,000

Project Description

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.

D-106 Title: Lower Coal Creek Flood Hazard Reduction Phase 1

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Storm Drainage	7,321,000	8,687,889

Project Description

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.

D-107 Title: Storm Water Video Inspection Enhancement

Proposal: 140.04NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Storm Drainage	1,668,000	2,581,000

Project Description

This project will video-inspect the most critical 25% 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.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

D-109 **Title:** Stormwater Quality Retrofit in Kelsey Creek

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Storm Drainage	343,000	343,000

Project Description

This project will design and install three water quality retrofit improvements using biofiltration and rain garden techniques within city rights-of-way, where it will improve water quality from street runoff 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. 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.

S-16 **Title:** Sewer Pump Station Improvements

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Sewer	7,403,664	21,437,155

Project Description

This ongoing program funds rehabilitation of the 36 pump and 10 flush stations in Bellevue's wastewater system. Stations are prioritized based on the risk and consequence of failure, maintenance and operations experience, pump station age, and coordination with other projects. Stations scheduled for work in 2015-21 include: Lake Heights, Wilburton, Cedar Terrace, Lake Hills #17, Cozy Cove, Parkers, Evergreen East, Evergreen West, Fairweather, Hunt's Point, Lake Hills #6, and Lake Hills #7. Historically this program funded rehabilitation of one station per year. Two stations/year are planned beyond 2017 since the electrical and mechanical equipment in them will have reached their 25-30 year useful life. Analysis of 25 stations is currently underway to improve the forecast needs for schedule and cost, and could result in reprioritization of scheduled stations.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

S-24 Title: Sewer System Pipeline Major Repairs

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Sewer	14,204,000	35,218,785

Project Description

This program funds major repairs to sewer pipes where there is a cost-effective solution to extend the pipe's service life. Most defects are identified from the Utility's infrastructure condition assessment (video) program. Pipes are prioritized for repair based on risk of failure (likelihood and consequence), failure history, and to coordinate with other construction such as planned street overlays, which reduces restoration costs.

S-32 Title: Minor (Small) Sewer Capital Improvement Projects

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Sewer	797,000	3,161,323

Project Description

This ongoing program pays for minor improvements to Bellevue's sewer system to resolve deficiencies, improve efficiencies, or resolve maintenance problems, often in conjunction with other programs such as the Transportation overlay program. The program also investigates the feasibility of possible sewer extensions. Projects are prioritized based on criteria including public safety/property damage, maintenance frequency, operator safety, environmental risk, reliability and efficiency gains, coordination with other city projects or development activity, and level of service impact.

S-58 Title: Lake Washington Sewer Lake Line Assessment Program

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	117,555	1,918,955

Project Description

This program is focused on assessing the 14.5 miles of sewer pipe along the Lake Washington shoreline; predicting its remaining life, and developing a strategy for its replacement. It includes condition assessment to collect pipe samples of asbestos cement and cast iron pipes in and analysis of viable alternatives for replacement of logical pipe reaches. Replacement of some of the sewer lake lines will likely be required just beyond this CIP Window. Replacement of the Meydenbauer Bay Park sewer lake line was formerly included in this project; it has been moved to its own project, S-69. Assessment of sewer lines along the Lake Sammamish shoreline is not included, since those pipes are newer and likely to last longer.

Note – CIP Proposal Executive summaries are listed in CIP Plan Number order. They do not include debt proposals and reserve proposals, nor do they include operating proposals which can be found in the Operating section.

City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

S-59 **Title: Add On-site Power at Sewer Pump Stations**

Proposal: 140.08NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	935,013	1,159,994

Project Description

This project will add on-site power generation capability at two or three high priority pumping stations which currently rely on portable generators during power outages. Specific locations would be selected based on a study evaluating the likelihood and consequence of sewage overflows, giving consideration to volume of base flow versus wet well capacity; proximity to surface water bodies; geographic distance from portable equipment.

S-60 **Title: Wilburton Sewer Capacity Upgrade**

Proposal: 140.05NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	624,000	10,486,599

Project Description

This project will replace approximately 2,000 feet of 12-inch diameter pipe with larger diameter pipe to provide sufficient capacity for anticipated upstream development.

S-61 **Title: Midlakes Pump Station Capacity Improvements**

Proposal: 140.05NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	301,980	4,371,695

Project Description

This project will replace the existing Midlakes sewer pump station with a larger one, to provide capacity for planned growth in the Bel-Red Corridor through 2030.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

S-66 Title: Sewer System Pipeline Replacement

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Sewer	11,719,789	15,123,889

Project Description

This program replaces poor condition sewer pipe throughout the service area. The current budget is estimated to replace sewer pipe at a rate of 0.5 to 0.75 miles per year. Pipes are replaced when life cycle cost analysis indicates replacement is more economical than continuing to make point repairs. Replacement methods may include trenchless rehabilitation techniques such as cured-in-place pipe, and pipe bursting, and/or open trench replacement. This program compliments S-24, Sewer System Pipeline Repair, which repairs pipes to extend their service life. This program implements Bellevue's asset management program strategy to meet expected and required customer service levels at the lowest life cycle cost. 2017-2023 Scope Update: Increase budget \$2.7M to replace sewer pipes in the Woodridge Open Space (which was discovered to have no bottom) and the Newport Shores Sewer Line, which was found to contribute to direct overflows to surface water). Note: This program budget will need to grow to a sustainable rate of pipe replacement. Utilities Asset Management Program is developing the data needed to support an ongoing annual budget increase, likely in the next budget cycle. Utilities has built R&R Reserves in anticipation of this need.

S-67 Title: I&I Investigations and Flow Monitoring

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	805,382	1,275,382

Project Description

This program will investigate the source and magnitude of inflow and infiltration (I&I) of storm and groundwater into the wastewater system at locations where suspected high I&I is currently or is forecast to exceed conveyance and/or pump station capacity. The 2014 Wastewater System Plan recommends this work with a goal of identifying and removing non-sewage flow where that would reduce surcharging such that costly capacity improvements might be avoided. Flow monitoring in five sewer basins is planned for 2015 and 2016. I&I investigation of eight basins is planned, in priority order: Newport, Fairweather and Cozy Cove, Wilburton, Lake Heights, Eastgate, Somerset, and Factoria.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

S-68 Title: Sewer Force Main Condition Assessment

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	256,879	778,879

Project Description

This project will assess the structural condition of pressurized sewer mains (known as 'force mains') that are more than 30 years old, and use that information to develop a force main renewal and replacement plan. Representative pipe samples will be collected from asbestos cement (AC) force mains; specialized pipe assessment equipment will be used for cast iron force mains. Condition will be evaluated and remaining useful life estimated. Force mains comprise 5.8 miles of the 526 total miles of public sewer pipe.

S-69 Title: Meydenbauer Bay Park Sewer Line Replacement

Proposal: 140.03NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Sewer	3,832,000	4,180,000

Project Description

This project will replace the poor condition sewer line currently under Meydenbauer Bay with a new pipe through the Meydenbauer Bay Park. This project was previously included in the scope of S-58; it has been separated for improved transparency and accountability. The project schedule has been delayed to better coordinate with Meydenbauer Bay Park development. The project cost has been revised based on improved engineering estimates.

S-108 Title: Advanced Metering Infrastructure (AMI) Implementation

Proposal: 140.69NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
New	Sewer	6,926,700	6,926,700

Project Description

This proposal is for a new Utilities CIP Program. Implementation involves: Replacing almost all Utilities meters, total of 39,436 out of 40,804; Replacing half of the meter boxes, approximately 20,000 out of 40,804; Replacing the lids for the other half of the meter boxes, approximately 20,000 lids; Installing Meter Interface Units (MIU); Installing Communication equipment, 100 collectors and 25 repeaters; Implementation of an AMI Meter Data Management Software (MDMS); Systems Integration and Implementation services. This project will be funded 70% by water and 30% by sewer rates. The budget is based on a 2015 AMI feasibility study. Rapid implementation is planned to realize the maximum benefit from labor savings that will be realized by replacing the current manually-read meters, to minimize the time two systems need to be supported, and to deliver a common service level to all customers as rapidly as possible.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-16 **Title: Small Diameter Water Main Replacement**

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	70,294,000	133,469,885

Project Description

This program focuses primarily on replacing small diameter asbestos cement (AC) pipe that has reached its useful life. A secondary benefit is increasing the emergency fireflow available to neighborhoods. This investment will ramp up water pipeline replacement to 5 miles/year by 2018, and then be adjusted with inflation to maintain the 5 miles per year replacement rate. At that rate, water pipe will need to last on average 100-125 years. Pipes are selected for replacement based on risk of failure (likelihood and consequence), failure history, and coordination with other construction, such as planned street overlays (which reduce restoration costs). Project costs include a 2.8% cost increase reflecting actual bid experience for pipe replacement.

W-67 **Title: Pressure Reducing Valve (PRV) Rehabilitation**

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	3,065,000	11,521,971

Project Description

This ongoing program is to rehabilitate or replace old and deteriorating pressure reducing valves (PRVs) throughout the water service area. The number of pressure reducing valves that are rehabilitated varies from year to year based on the annual program budget and the rehabilitation costs, but over the long term should average about 3 PRVs per year. Replacement criteria include service requirements, safety, maintenance history, age, and availability of replacement parts.

W-69 **Title: Minor (Small) Water Capital Improvement Projects**

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	1,512,000	7,010,619

Project Description

This ongoing program pays for small improvements to Bellevue’s water system to resolve deficiencies, improve efficiencies, or resolve maintenance problems, often in conjunction with other programs such as the Transportation overlay program. Projects are prioritized based on criteria including public safety/property damage, maintenance frequency, operator safety, environmental risk, reliability and efficiency gains, coordination with other city projects or development activity, and level of service impact.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-82 Title: Fire Hydrant Standardization

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	571,532	1,868,497

Project Description

This program replaces non-standard hydrants that have outdated two-port connections, thereby improving the rate of water flow and reducing response time in the event of a fire. Twenty two two-port hydrants are still in service. Based on the proposed budget, these will all be replaced by 2019.

W-85 Title: Reservoir Rehabilitation or Replacement

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	7,257,772	18,723,477

Project Description

This program funds retrofit or replacement of drinking water reservoirs to avoid or mitigate earthquake damage, and reservoir rehabilitation for age or use related deterioration. Bellevue operates and maintains 25 drinking water reservoirs in the system with a combined capacity of 40.6 million gallons. A 1993 reservoir study evaluated the seismic vulnerability of 21 of the reservoirs and recommended further evaluation and/or upgrade for 12 of these reservoirs. Remaining work at Horizon View #1, Somerset #1, Pikes Peak Reservoir, and Horizon View #2 reservoirs will be completed during this CIP window. A new study of the other reservoirs will determine upcoming needs and priorities for asset rehabilitation and replacement.

W-91 Title: Water Pump Station Rehabilitation or Replacement

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	15,285,235	23,311,473

Project Description

This program was established in 2005 to rehabilitate Bellevue’s twenty-one water pump stations. Based on a needs assessment of each pump station, improvements can range from basic improvements to complete reconstruction. The rehabilitation work always includes replacing the mechanical and electrical equipment, adds on-site emergency power generation as needed, and resolves structural deficiencies and life/safety issues as needed. In 2015-21 these pump stations will be rehabilitated or replaced: Horizon View #3, Horizon View #1, Cougar Mtn. #3, Pikes Peak, Cougar Mtn. #2, Clyde Hill P.S., Cougar Mtn. #1, and Horizon View #2.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-98 Title: Replacement of Large Commercial Water Meters

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	3,030,855	6,010,163

Project Description

This program systematically replaces older, obsolete high-volume commercial water meters (3" and larger) as they wear out. Due to their location and condition, these meters pose safety and access concerns and are generally beyond the ability of O&M crews to change out. Improved performance accuracy is a secondary benefit of the program. This ongoing program replaces approximately 4 commercial meters (and meter vaults, if required) each year.

W-99 Title: Water Service Line and Saddle Replacement Program

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Ongoing	Water	1,669,568	4,086,500

Project Description

This program replaces aging and deteriorating water service saddles (the component connecting the customer's water service line to the city-owned water line), and deteriorating water service lines (the pipes between the city's water main to the customer's water meter), most commonly in advance of planned street improvements. Annual expenditures can vary widely depending on the condition of saddles and service lines where street improvement projects are planned. Due to these uncertainties, level funding based on replacement of 100 service/saddles is proposed for each year in the CIP window, recognizing that some years will be over or under spent.

W-103 Title: Increase Drinking Water Storage Availability for West Operating Area

Proposal: 140.05NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Water	1,637,539	2,417,086

Project Description

This project is for design and construction of facilities to increase the drinking water storage available for anticipated population growth in Downtown, Bel-Red, and Wilburton areas. System improvements will be made in this CIP window to allow transfer of surplus water stored in East Bellevue to the growth areas, assuring emergency storage is available for near-term growth. These improvements include upgrades to transmission mains in NE 8th Street and at SE 7th and 140th Ave SE, and upgrades to system Pressure Reducing Valves. The project also includes analysis of emergency well capacity to supplement regional supply in case of an outage, which may offset or reduce the need for added storage. The 2015 Water System Plan update analyzed required timing and volume as well as siting considerations for storage to meet the needs of planned growth.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-104 Title: New Water Inlet Station

Proposal: 140.05NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Water	5,229,000	5,229,000

Project Description

This project will construct a new inlet station from the regional water supply system to provide sufficient drinking water for growth in downtown, Bel-Red, and Wilburton areas. It will also improve drinking water supply reliability (redundancy) to the 200,000 people who will ultimately live and work in these areas. The transmission main improvements of W-103 will improve reliability of water supply in the near term, deferring the need to add inlet station capacity until ~2018-19.

W-105 Title: Water Facilities for NE Spring Blvd Multi-Modal Corridor

Proposal: 140.54DA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Water	1,084,000	1,084,000

Project Description

This project provides funds for the design and construction of new water facilities concurrent with the design and construction of the NE 15th Multi-Modal corridor. The corridor will consist of a new street, bikeways, pathways, and the new East Link light rail. This project will eventually design and construct approximately 2 miles of 12 and 16 inch water main. Anticipated expenses are shown in this CIP window. Actual costs are presumed to extend well beyond 2030. The project schedule will be revised when better information is available about road improvement schedules.

W-105-B Title: Water Facilities for NE Spring BLVD Multi Modal Corridor (Bank)

Proposal: 140.54DA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost 2017-2023</u>	<u>Total Project Cost through 2023 Budget Request</u>
Approved and Begun	Water	1,232,000	2,305,957

Project Description

This project maintains reserve funds for project W-105, for the design and construction of new water facilities concurrent with the design and construction of the NE 15th Multi-Modal corridor.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-108 **Title:** Advanced Metering Infrastructure (AMI) Implementation

Proposal: 140.69NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Water	16,162,300	16,162,300

Project Description

This proposal is for a new Utilities CIP Program. Implementation involves: Replacing almost all Utilities meters, total of 39,436 out of 40,804; Replacing half of the meter boxes, approximately 20,000 out of 40,804; Replacing the lids for the other half of the meter boxes, approximately 20,000 lids; Installing Meter Interface Units (MIU); Installing Communication equipment, 100 collectors and 25 repeaters; Implementation of an AMI Meter Data Management Software (MDMS); Systems Integration and Implementation services. This project will be funded 70% by water and 30% by sewer rates. The budget is based on a 2015 AMI feasibility study. Rapid implementation is planned to realize the maximum benefit from labor savings that will be realized by replacing the current manually-read meters, to minimize the time two systems need to be supported, and to deliver a common service level to all customers as rapidly as possible.

W-109 **Title:** Richards Road Inlet Supply Station

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Water	500,000	500,000

Project Description

Richard's Road Inlet Station is a critical facility constructed in 1975 to deliver water from Seattle's regional system to Bellevue. It supplies water directly to the RV300, WD400, WD450, WD340 water pressure zones, and is the source of water to fill the Woodridge Reservoir. The associated pressure reducing valve (PRV) reduces pressure to water that is supplied to the RV300 zone, and also controls flow to the Woodridge reservoir. This critical facility has old components that require increasingly frequent maintenance; the existing mechanical and electrical components are outdated and in need of replacement. Due to the risk and consequence of failure, station replacement is required. This project will include constructing a new inlet meter installation and pressure reducing valve station, and upgrading telemetry equipment at the site. Enhanced telemetry will record rate and volume of water that is supplied from the station, will provide pressure information both of the CESSL side and 300 zone; and will provide power to the vault for the meter, flood alarm, and intrusion. Because the existing inlet station is located on Richards Road, a very busy arterial which makes it access difficult and creates safety hazards for workers, the new station will be located on the eastern side of Richards Road, along a grassy area just east of the existing sidewalk, and the existing station will be abandoned. This project was initiated in W-69 (Minor Water CIP), however alternatives analysis resulted in the recommendation to replace the entire station rather than just internal components. The increase in scope and cost warranted the creation of a separate CIP project.

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City of Bellevue - Budget One 2017-2023

Utilities CIP Budget Project Summaries by Outcome

Healthy and Sustainable Environment

W-110 **Title:** NE 40th and Enatai Inlet Water Supply Improvement

Proposal: 140.02NA **Department:** Utilities

<u>Status</u>	<u>Category</u>	<u>Project Cost</u> <u>2017-2023</u>	<u>Total Project Cost through</u> <u>2023 Budget Request</u>
New	Water	200,000	200,000

Project Description

This project is for an alternatives analysis and pre-design for improvements at the Enatai and NE 40th Water Supply Inlet stations to improve safety, reduce risk, and renew aging infrastructure. The pre-design work will inform future CIP schedule and budgets. It will allow coordination with the City of Redmond, which benefits from and shares costs for the NE 40th Inlet Supply Station. Design and construction costs are not included in proposed budget. The Water System Plan identified deficiencies including safety standards, poor HVAC controls, and deteriorating electrical components. The NE 40th Inlet meter vault has visible joint deflection; there may be perceived increased risk of a transmission main break.

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