
CAPITAL INVESTMENT PROGRAM

OVERVIEW
DOWNTOWN URBAN CENTER
OVERLAKE URBAN CENTER
REDMOND NEIGHBORHOODS
CITYWIDE

CAPITAL INVESTMENT PROGRAM OVERVIEW

CITY OF REDMOND

CAPITAL INVESTMENT PROGRAM OVERVIEW

The 2019-2024 Capital Investment Program (CIP) serves to advance the City’s vision and provide a longer-term outlook into Redmond’s financial planning for capital needs. In addition, in 2011 the City adopted Vision Blueprint: Redmond’s Capital Investment Strategy (CIS). The CIS looks beyond the six-year window in pursuit of synergy between capital projects and the City’s vision, and serves as an interface for planning, budgeting, investment and strategic action. The goal of the CIS is to provide a framework that aligns the City’s capital activities with Redmond’s 2030 Comprehensive Plan vision, and spans all four areas of the City’s investments including: preservation and maintenance, resolution of existing deficiencies, keeping up with growth consistent with current levels of service and enhancing community character with projects that enable community building and support economic vitality.

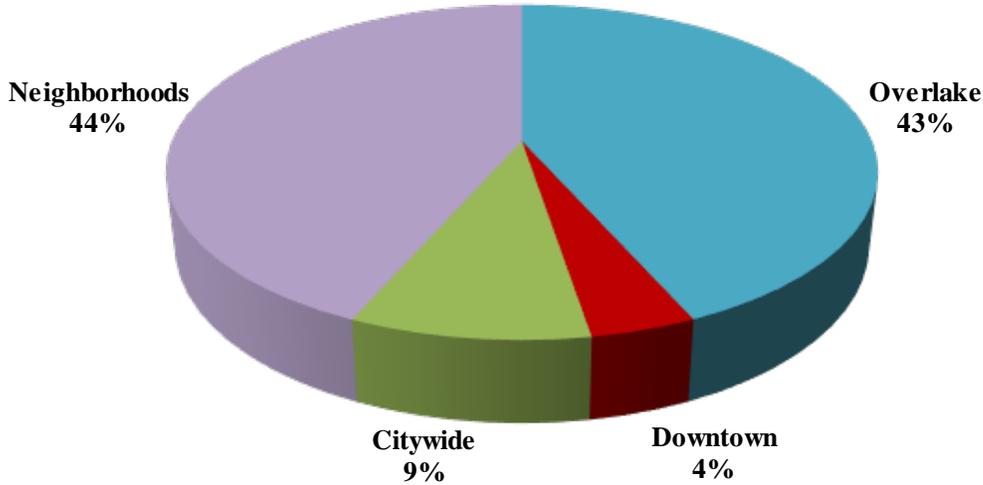
Specifically, the purpose of the CIS is to:

- Create a City with two vibrant urban centers in Downtown and Overlake, to enhance the livability and connections between our neighborhoods, and to deliver high quality services in partnership with our community.
- Identify strategic goals and actions related to infrastructure investments needed to carry out the vision.
- Summarize planned capital facility improvements, sequencing, costs and anticipated revenue sources through 2030.
- Guide future decisions about priority infrastructure investments.
- Identify funding strategies.
- Monitor progress on delivering the capital investment program.

The near-term portion of the CIS covers the same six-year period as the City’s Capital Investment Program within the biennial budget document. Since the CIS adoption, the goal has been to update the strategy every two years. This past biennium staff has worked to revise the first six years of the strategy to align with the budget adoption schedule. The CIS process is explained in further detail in the Budget by Priorities Process Overview at the beginning of the document.

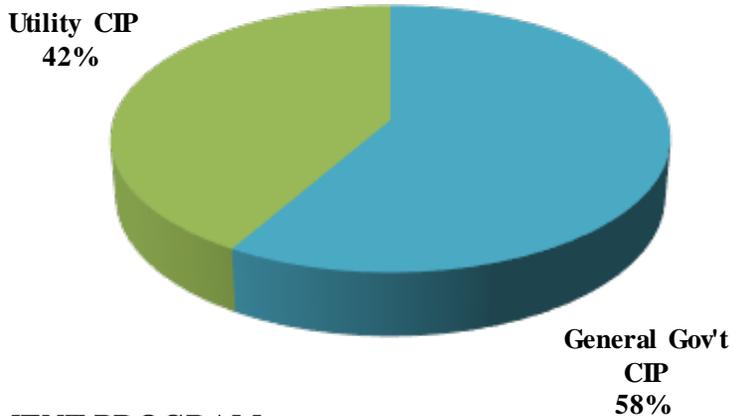
The City will continue to direct its limited resources, as well as federal and state funding, to those areas which are key to its future. The City of Redmond CIP is broken down into four sections – Downtown, Overlake, Redmond Neighborhoods and Citywide investments – which outline the long-range plan for addressing capital needs in specific geographic areas of the City, as illustrated on the next page.

2019-2020 Project Expenditures by Geographic Area
 Total \$146 million
 (excluding ending fund balance and debt service)



Beyond alignment with the Vision Blueprint, the City defines a CIP investment as costing \$50,000 or more, with a useful life of five years or greater. Redmond’s CIP is divided into general and utility capital investments. The General CIP is composed of Parks, Transportation and General Government; The Utility CIP is composed of Stormwater, City Water, City Wastewater, Novelty Hill Water and Novelty Hill Wastewater.

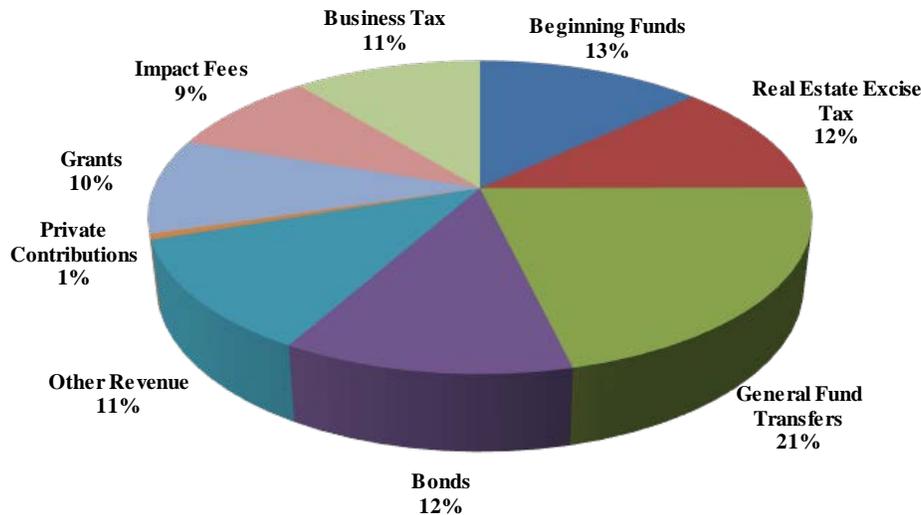
2019-2020 CIP Expenditures by Type
 Total \$146 million
 (excluding ending fund balance and debt service)



GENERAL CAPITAL INVESTMENT PROGRAM

Revenues in the General Capital Investment Program are projected to equal approximately \$251 million between 2019 and 2024, including beginning fund balances. This is approximately \$58 million above budgeted levels in the 2017-2022 budget. The increase is attributable to increased development-related revenues, private contributions and grant revenues supporting mobility improvements in the Overlake Urban Center as well as the potential for a bond issuance for a community center. The General CIP receives funds from a variety of sources as illustrated on the next page.

Total 2019-2024 General CIP Revenues
(\$251 million)



For the biennium, projected 2019-2020 General CIP expenditures total \$78 million, excluding ending fund balances and transfers. Some of the more significant projects programmed into the six-year CIP include:

- **Light Rail** – In preparation for light rail expanding into Redmond, numerous projects to improve multimodal transportation infrastructure and access to the stations will continue in the 2019-2024 CIP. These projects will link light rail stations to existing transportation infrastructure and provide convenient access to light rail stations. Examples of these projects include: design and construction of a new bicycle and pedestrian bridge over State Route 520, which will connect to the East Link Light Rail Overlake Village Station; construction of a new 70th Street from Redmond Way to Marymoor Light Rail Station and 173rd Avenue; and oversight and design of a pedestrian and bicycle bridge over State Route 520 and 156th Avenue NE for access to the Redmond Technology Center Light Rail Station.
- **Connecting Washington** – Continuing work from the previous biennium, the City is participating in projects being supported by the Connecting Washington transportation package and supplemented by private contributions. These projects are meant to improve safety and mobility and reduce congestion in the Overlake area. Specifically, construction of a grade-separated pedestrian and bike tunnel for the State Route 520 Regional Shared Use Path under the west leg of the NE 40th Street and State Route 520 westbound ramp terminal intersection. Work will also continue in creating two independent interchange ramps on State Route 520 at NE 40th Street and NE 51st Street, as well as making pedestrian safety improvements to the 40th and 51st Street ramps.
- **Senior Center Rehabilitation and Seismic Upgrades** – The Redmond Senior Center has been open for nearly thirty years and internal systems are reaching the end of their useful lives. The roof of the building is also leaking and causing interior water damage. Through 2023, the Senior Center will receive substantial renovations and upgrades including projects

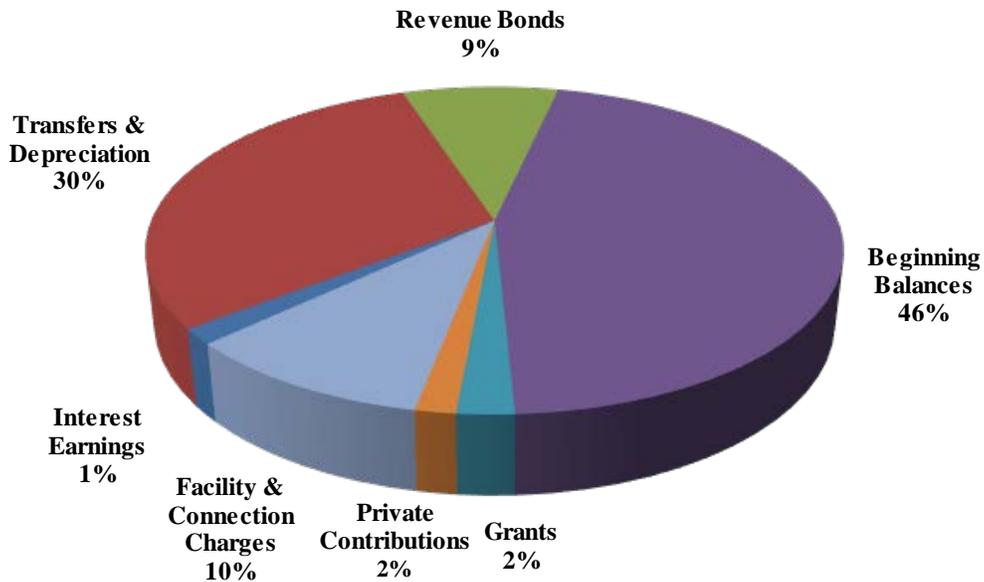
encompassing repairs and upgrades to electrical, seismic, plumbing and mechanical systems, as well as the roof, to meet current codes for energy efficiency and seismic requirements.

- **Infrastructure Upgrades** – In keeping with the budget theme of “taking care of what we have,” some, but not all, funds have been budgeted to support building upgrades identified in the Facilities Strategic Management Plan which addresses the long-term need, use, priority, cost, and phasing of facility projects throughout the City. The high priority projects are based on risks to City employees and the public related to fire protection, structural, seismic, electrical, roof and heating, ventilation and air conditioning (HVAC) issues.
- **Climate Action** – Climate action projects in this CIP will focus on replacing aging infrastructure in City parks with more energy efficient infrastructure. Examples of this work include performing system-wide parking lot lighting conversion to LED technology, converting soccer and softball field lighting at Grass Lawn Park to LED technology, and replacing antiquated electric boilers with energy efficient forced air furnaces in selected park buildings.

UTILITY CAPITAL INVESTMENT PROGRAM

The Utility CIP includes the construction programs for Water, Wastewater, Stormwater, and Novelty Hill Service Area Water and Wastewater. A total of \$173 million in revenue (including beginning fund balances) is being proposed in the 2019-2024 Utilities CIP. This is approximately \$43.4 million above 2017-2022 projections. The increase is attributable to increased development revenues, depreciation transfers for newly constructed regional stormwater facilities and revenue bonds that are anticipated to be issued for improvements to the wastewater pump stations.

2019-2024 Utility CIP Revenues
(\$173 million)



Total 2019-2020 biennial expenditures in all five Utility CIP programs equal \$61 million (excluding ending fund balances), Some of the more significant projects programmed into the six-year CIP include:

- **Overlake Facility #3 Village Stormwater Infiltration Vault** – The Overlake Village Infiltration Vault is a regional stormwater facility that is the third of a series of three projects designed to fully retrofit a portion of the Overlake Neighborhood that drains through the Overlake Village Subarea. These regional facilities represent an efficient way to meet stormwater requirements and are supportive of future development. The completion of this project will provide flow control and treatment for a large area, resulting in improved flow characteristics in salmon bearing Kelsey Creek downstream.
- **NE 40th Street Stormwater Trunk Extension** – In partnership with Microsoft, the City will complete construction of approximately 1500 linear feet of new storm trunk on NE 40th Street from 172nd Avenue NE to an outfall at Lake Sammamish. The project will provide better stormwater filtration and assist with economic development efforts in the Overlake Urban Center.
- **Class II Stream Improvements (High School Creek and Monticello Creek)** – Class II streams are a high priority for stormwater and habitat improvements to help address salmon recovery as identified by the City’s adopted Watershed Management Plan. These projects address stream erosion and stabilization, thus protecting the natural environment and nearby homes.
- **Wastewater Pump Station Improvements** – Improvements to the pump station infrastructure will ensure safe and adequate service to the Redmond community. Replacing aging pumps, motors and valves along with installing new wet wells, vaults, and other system enhancements will continue to support a healthy environment, provide capacity to accommodate growth and maintain quality services.

ESTIMATED MAINTENANCE AND OPERATION COSTS

On the following pages is a summary of estimated maintenance and operation costs for the more significant CIP projects. Descriptions of each of the projects in this table can be found on the project matrix contained in the Downtown, Overlake, Redmond Neighborhoods and Citywide project sections.

ESTIMATED IMPACTS OF CAPITAL INVESTMENT PROGRAM (CIP) ON OPERATING BUDGET

Notes:

Estimates provided by departments in 2019-2024 Capital Investment Program

Assumed maintenance and operations costs begin in the year following estimated completion and are included in the City’s long-range planning.

CIP Project	Total Project Investment	Estimated Impact of Capital Investments on Operating Budget
<i>Downtown Urban Center</i>		
Adaptive Signal System Project - Downtown	\$1,000,000	\$20,000 per year
City Center Groundwater Protection - 90th Street Pond Retrofit	\$1,584,000	\$5,000 per year
<i>Overlake Urban Center</i>		
NE 51st Street Multimodal Improvements	\$6,300,000	\$5,000 per year
Redmond Technology Station Pedestrian - Bicycle Bridge	Developer Funded	\$10,000 per year
Overlake Village Station Pedestrian - Bicycle Bridge (State Route 520 Trail and NE 31st Street)	\$3,769,679	\$10,000 per year
State Route 520 Trail Grade Separation at NE 40th Street	\$16,311,048	\$10,000 per year
152nd Avenue NE Improvements (24th to 28th Street)	\$15,849,000	\$180,000 per year (under review)
156th Avenue Shared Use Path (28th Street to 40th Street)	\$3,344,758	\$20,000 per year

ESTIMATED IMPACTS OF CAPITAL INVESTMENT PROGRAM (CIP) ON OPERATING BUDGET

Notes:

Estimates provided by departments in 2019-2024 Capital Investment Program

Assumed maintenance and operations costs begin in the year following estimated completion and are included in the City’s long-range planning.

Targeted Safety Improvement Project (TSIP) - Pedestrian Crossing (156th Avenue NE and 4700 Block)	\$385,875	\$3,500 per year
<i>Redmond Neighborhoods</i>		
Targeted Safety Improvement Project (TSIP) - Willows Run Golf Course mid-block crossing	\$357,210	\$3,000 per year
Redmond Central Connector - Phase 3	\$3,338,364	\$7,000 per year
Targeted Safety Improvement Project (TSIP) - Flashing Beacon (NE 80th Street and 140th Avenue)	\$69,458	\$1,000 per year
Safe Routes to School Project - 151st Avenue Sidewalk (Old Redmond road to 7500 Block)	\$478,000	\$4,000 per year
Sidewalk Installation Project - 176th Avenue (65th Street to 70th Street)	\$1,067,861	\$9,000 per year
Safe Routes to School Project - 88th Street Sidewalk (171st Avenue to 172nd Avenue)	\$119,000	\$1,000 per year
<i>Citywide Projects</i>		
Neighborhood Traffic Calming Improvement Program	\$630,000	\$10,000 per year

ESTIMATED IMPACTS OF CAPITAL INVESTMENT PROGRAM (CIP) ON OPERATING BUDGET

Notes:

Estimates provided by departments in 2019-2024 Capital Investment Program

Assumed maintenance and operations costs begin in the year following estimated completion and are included in the City's long-range planning.

Street Channelization Improvement and Maintenance Program	\$800,000	\$10,000 per year
Trail Project - Redmond Central Connector Linkages	\$1,202,000	\$3,600 per year

DOWNTOWN URBAN CENTER



Downtown Urban Center

2030 Vision

Downtown Redmond is a vibrant mix of businesses, residences and open spaces. It is a destination where residents, employees and visitors: meet in their favorite coffee shop; enjoy a meal outside on the wide sidewalks along Cleveland Street; visit open-air markets or enjoy outdoor music and entertainment in the Downtown Park; stroll along the tree-lined streets from shop to shop; or bike, walk or run along the Sammamish River and Central Connector Trails. The Downtown Neighborhood is an urban village with a sense of its own history. The one square mile neighborhood houses approximately 13,000 residents and 12,400 jobs, providing support to the neighborhood's restaurants, shops, services and cultural and entertainment venues. Those who live or work here rarely use their cars to get around, as light rail,

convenient bus service, and friendly walking and bicycling environments provide fun, interesting and healthy mobility options within the neighborhood, as well as the region.

Achieving the Vision: Strategic Approach

In 2011 the City adopted its first *Vision Blueprint: Redmond's Capital Investment Strategy, 2013-2030* which describes a long-term strategy for achieving the vision. Since that time, the Vision Blueprint has been updated and enhanced, but continues to be the road map for investments in critical infrastructure to support the vision and growth of the Downtown neighborhood that is taking shape. The strategy involves continued investment in the neighborhood's street, pedestrian, park and utility systems to enhance the comfort, livability, look, convenience and quality of the neighborhood, not only for the residents and businesses within the neighborhood, but also for the greater community that comes to support and enjoy Downtown as a central place for shopping and entertainment.

The six-year strategic approach focuses on continued investment in current plans and recent work that continues to positively move the City toward achieving success in completing the long-term vision for the Downtown neighborhood. Specifically, to advance the vision for Downtown during the 2019-2024 Capital Investment Program (CIP) period, the City and its partners will:

- Complete development of the Downtown Park
- Improve sidewalks on Cleveland Street and other various locations
- Install adaptive signal improvements
- Renovate the Senior Center including seismic upgrades

Outcomes: The Return on Investment

At the end of the 2019-2024 CIP period, the City's infrastructure in Downtown will be complete. Decades of planning and investment will have become reality, the dust and disruption from City construction will have settled and new residents within the neighborhood will be occupying newly completed residential developments. More Downtown residents and more shoppers and visitors from outside of the neighborhood will be visiting and supporting Downtown businesses and recreational amenities and activities. Activities, including walking, bicycling, shopping, exercising and generally enjoying the neighborhood, will be noticeably greater as a result of finalizing the Downtown vision.

2019 - 2024 Capital Investment Program						
Downtown Investments						
Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
Multiple Locations	<p>Sidewalk Repair Project - Downtown Neighborhood</p> <p>Remove and replace damaged sidewalks and impacted utilities as prioritized in the Comprehensive Right-of-Way Study, completed in 2016.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure</p> <p>Transportation</p>	New		1,000,000	1,000,000
Multiple Locations	<p>Adaptive Signal System Project - Downtown</p> <p>Install and support an adaptive signal system which utilizes software to adjust signal timings to traffic volumes in real time.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	800,000		1,000,000
182	<p>Pavement Management Project - NE 90th Street (Willows Road to State Route 202)</p> <p>Rehabilitate and overlay pavement to extend the useful life of the roadway.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	New		2,674,000	2,674,000
169	<p>Sidewalk Repair Project - 164th Avenue (Redmond Way to 90th Street)</p> <p>Remove and replace damaged sidewalk on both sides of 164th Avenue NE between Redmond Way and NE 90th Street.</p> <p>Project timeframe: 2022 - 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	New		2,084,911	2,084,911
167	<p>City Center Groundwater Protection - 90th Street Pond Retrofit</p> <p>Construct improvements to address existing 90th Street pond subsidence, basin water quality issues, ravine erosion, and accommodate untreated stormwater.</p> <p>Project timeframe: 2016 - 2020</p>	<p>Clean & Green</p> <p>Stormwater</p>	Existing	1,349,000		1,584,000

2019 - 2024 Capital Investment Program

Downtown Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
158	<p>Connection to King County Wastewater System - Avondale Road</p> <p>Upsize the wastewater trunk line that is at capacity.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing		600,000	600,000
125	<p>Bridge Deck Overlay - NE 90th Street</p> <p>Reseal concrete bridge deck with an epoxy overlay.</p> <p>Project timeframe: 2022 - 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing		436,800	436,800
95	<p>Infrastructure Project - Adair House Repairs</p> <p>Replace the kitchen and remodel the restroom in the Adair cabin located at Anderson Park.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure</p> <p>Parks</p>	Existing		70,000	70,000
86	<p>Public Safety Building Upgrades Phase 2</p> <p>The project continues comprehensive building repairs and upgrades to extend the service life of the building and improve energy efficiency. This includes upgrades to the electrical, fire, and mechanical systems.</p> <p>Project timeframe: 2022 - 2024</p>	<p>Infrastructure</p> <p>General Government - Facilities</p>	Existing		12,615,750	12,615,750
78	<p>Sidewalk Repair Project - Avondale Way (170th Avenue to Union Hill Road)</p> <p>Replace existing sidewalk on the southeast side that has been damaged by tree roots.</p> <p>Project timeframe: 2023 - 2024</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing		990,533	990,533
56	<p>Senior Center Renovation and Seismic Upgrades</p> <p>Renovation of mechanical, electrical and plumbing systems that have reached the end of their useful life and seismic upgrades.</p> <p>Project timeframe: 2020 - 2023</p>	<p>Infrastructure</p> <p>Parks - Facilities</p>	Existing	1,420,000	13,560,350	14,980,350

2019 - 2024 Capital Investment Program

Downtown Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
40	<p>Sidewalk Repair Project - Cleveland Street (164th Avenue to 168th Avenue)</p> <p>Replace broken and/or raised sidewalk panels to improve conditions for pedestrians.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	852,452		852,452
32	<p>Downtown Park Development</p> <p>Complete construction of the Downtown Park with integrated art and landscaping. The park will serve local residents on a daily basis and host various types of events to attract people to Redmond's Old Town business community.</p> <p>Project timeframe: 2019</p>	<p>Diverse & Connected Community</p> <p>Parks</p>	New	200,000		200,000
9	<p>Downtown Park Debt Service</p> <p>Principal and interest costs on the limited tax general obligation bonds issued for the acquisition of the Downtown Park.</p> <p>Project timeframe: 2011 - 2021</p>	<p>Diverse & Connected Community</p> <p>Parks</p>	Existing	1,793,776	898,863	2,692,639
2	<p>Transportation Debt Service</p> <p>Principal and interest costs on the limited tax general obligation bonds issued for the couplet conversion, 161st extension and Bear Creek Parkway.</p> <p>Project timeframe: 2016 - 2035</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	5,971,006	11,559,750	17,530,756



Projects

 Parks	 Parks	 Urban Center
 Stormwater	 Stormwater	
 Transportation	 Transportation	
 Wastewater	 Wastewater	
 Water	 Water	
 General Government		



Capital Investment Projects 2019 - 2024

Downtown




OVERLAKE URBAN CENTER



CRANDALL ARAMBULA
Revitalizing America's Cities

Visualization- Final Phase
May 27, 2011

Overlake Urban Center

2030 Vision

Redmond's adopted vision for Overlake in 2030 is a thriving neighborhood where 16,000 people live and 70,000 people work. In 2030, thousands of new residents walk from their homes to their jobs or to patronize neighborhood shops and services. Many people stroll along a redesigned 152 Avenue Northeast, the neighborhood's main street. Others use new streets and urban pathways established as the neighborhood redeveloped.

The neighborhood contains three major parks, one of which will also serve as a regional stormwater management facility, and provide an important green contrast to surrounding urban development. Employees relax in the park refuge spaces while visitors take in live music. From the parks, one can see residents of adjacent mid-rise condominiums hosting family and friends on balconies overlooking the neighborhood and beyond.

Each day, light rail quickly and conveniently transports residents, employees and visitors between two Overlake stations and regional destinations. For those preferring bicycles to trains, regional trails have been improved, reducing congestion at street crossings. Complete streets and new non-motorized crossings of State Route 520 make transit convenient for more people and provide new connections between Overlake Village and the employment area to the north. The Overlake of 2030 succeeds as a

regional hub of activity because the community at large, together with private property owners and developers, established a vision and executed plans to achieve it.

Achieving the Vision: Strategic Approach

Redmond's *Vision Blueprint: Redmond's Capital Investment Strategy, 2013-2030* describes a long-term strategy for achieving Redmond's vision. The focus of the strategy and its subsequent updates, is to invest in critical infrastructure that will support growth, indicating Redmond's commitment to create quality neighborhoods. The strategy involves collaborating with partners to coordinate the provision of infrastructure and participating in the extension of East Link Light Rail and improvements to State Route 520 to ensure that such improvements are consistent with Redmond's vision for the Overlake neighborhood. The 2019-2024 Capital Investment Program (CIP) focuses on the most critical capital investments to help support growth that is happening now, serves existing needs in Overlake neighborhood as a whole and allows the City to coordinate with stakeholders to maximize the value of our partners' contributions. The proposed investments allow the City to continue design of some future capital projects to position them as grant candidates and otherwise prepare for timely construction. Specifically, to advance the vision for Overlake, the City and its partners will:

- Design and construct new transportation connections serving all travel modes
- Leverage private and state investments in transit and mobility
- Maintain reliable utility services for customers in existing neighborhoods
- Build new utility infrastructure to help accommodate growth
- Finish regional stormwater solutions that improve habitat, accommodate growth and encourage private sector investment by allowing property owners to focus on developing and maintaining their properties

Outcomes: The Return on Investment

At the end of the 2019-2024 CIP period the casual onlooker will notice changes in Overlake, with positive outcomes in mobility, the protection of the environment and quality of life. The community can expect the following results:

- **Mobility:** Sound Transit will be near to completion of two light rail stations and associated pedestrian-bicycle bridges while the City and its partners will have advanced mobility improvements and local street connections.
- **Environment:** City investments in stormwater infrastructure will and have already dramatically improved downstream conditions in Kelsey Creek; improving conditions for salmon and providing a successful regional demonstration of the watershed approach to stormwater management.
- **Quality of life:** The City will replace the aging and undersized water line and pressure reducing valves on Northeast 51st Street, ensuring high-quality water service in the long term.

The transformation of Overlake has already begun. During the last two years, the City has continued to invest in underlying infrastructure that will lay the foundation for continued investment in the neighborhood. Private stakeholders have seen their projects take shape and the City continues to collaborate with and maximize the anticipated transportation, urban design and environmental benefits of an enhanced urban center.

2019 - 2024 Capital Investment Program

Overlake Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
11	<p>Pedestrian and Bicycle Bridge - Redmond Technology Station</p> <p>Staff oversight and participation in the design of a pedestrian-bicycle bridge over State Route 520 and 156th Avenue NE to access the Redmond Technology Station.</p> <p>Project timeframe: 2017 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	204,153	215,000	520,000
13	<p>Pedestrian and Bicycle Bridge - Overlake Village Station</p> <p>Design and construct a new bicycle and pedestrian bridge over State Route 520 locating the southern landing at the East Link Light Rail Overlake Village Station and Overlake Regional Growth Center with the north landing in the vicinity of the State Route 520 Trail and NE 31st Street.</p> <p>Project timeframe: 2012 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	1,811,134		3,769,679
29	<p>Connecting Washington Project - State Route 520, 40th Street and 51st Street Ramp and Pedestrian Improvements</p> <p>Separate existing eastbound State Route 520 collector-distributor at NE 40th Street and NE 51st Street into two independent interchange ramps. Provide pedestrian safety improvements to the interchanges at NE 40th Street and NE 51st Street.</p> <p>Project timeframe: 2016 - 2021</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	1,959,463	477,816	5,267,279
31	<p>Overlake Access Ramp</p> <p>Staff oversight and participation in the design of an eastbound off-ramp and local street from State Route 520 to 152nd Avenue NE.</p> <p>Project timeframe: 2010 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	102,975	47,025	547,025

2019 - 2024 Capital Investment Program

Overlake Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
36	<p>Community Facility District 2016 Project - NE 51st Street Multimodal Improvements</p> <p>Improve NE 51st Street to include sidewalk on the south side, turn lanes and bike facilities in both directions (SR520 through and including intersection of 156th Avenue NE).</p> <p>Project timeframe: 2016 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	5,441,000		6,300,000
38	<p>Sound Transit East Link 3</p> <p>Staff oversight and consulting services for the implementation of East Link Light Rail.</p> <p>Project timeframe: 2011 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	100,000		298,808
39	<p>152nd Avenue NE Improvements (24th Street to 28th Street)</p> <p>Implement the 152nd Avenue Main Street project, including intersection upgrades at 24th Street and 26th Street, turn lanes where necessary, cycle track and streetscape improvements.</p> <p>Project timeframe: 2015 - 2021</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	12,575,548	2,076,548	15,849,000
83	<p>Connecting Washington Project - State Route 520 Trail Grade Separation at NE 40th Street</p> <p>Construct a grade separated pedestrian and bike tunnel for the State Route 520 Regional Shared Use Path under NE 40th Street.</p> <p>Project timeframe: 2017 - 2021</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	15,394,922	331,048	16,331,048
106	<p>Targeted Safety Improvement Project - Pedestrian Crossing (156th Avenue NE and 4700 Block)</p> <p>Provide a pedestrian crossing and signal at 156th Avenue NE.</p> <p>Project timeframe: 2019 - 2019</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	385,875		385,875

2019 - 2024 Capital Investment Program

Overlake Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
122	<p>Water Main Replacement (NE 51st Street Crossing of State Route 520)</p> <p>Install new waterline under State Route 520 or on the NE 51st Street Bridge to replace the existing water line that will be impacted by Sound Transit's light rail project.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>City Water</p>	Existing		1,860,000	1,860,000
137	<p>Westside Park Renovation</p> <p>Redevelop the park per the approved master plan, replacing the playground and sports courts that are at the end of their useful life and enhancing the plantings, trails and community gathering spaces.</p> <p>Project timeframe: 2020 - 2022</p>	<p>Infrastructure</p> <p>Parks</p>	Existing	520,000	2,080,000	2,600,000
138	<p>Pedestrian and Bicycle Access - 40th Street</p> <p>Extend shared use path on the south side of 40th Street from the Redmond Technology Station east to 163rd Avenue. Repair sidewalk on 40th Street from 163rd Avenue to Bel-Red Road and rechannelize 40th Street from 163rd Avenue to 172nd Avenue.</p> <p>Project timeframe: 2020 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	200,000	4,332,202	4,532,202
160	<p>Pavement Management Project - Bel-Red Road</p> <p>Joint project with the City of Bellevue to resurface roadway to preserve the life of the pavement.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	New	350,000		350,000
162	<p>Bellevue Joint Use - NE 40th Street Reservoir Seismic Improvements</p> <p>Seismic improvements on a facility that is jointly owned with the City of Bellevue.</p> <p>Project timeframe: 2018 - 2021</p>	<p>Infrastructure</p> <p>City Water</p>	Existing	150,000	500,000	650,000

2019 - 2024 Capital Investment Program

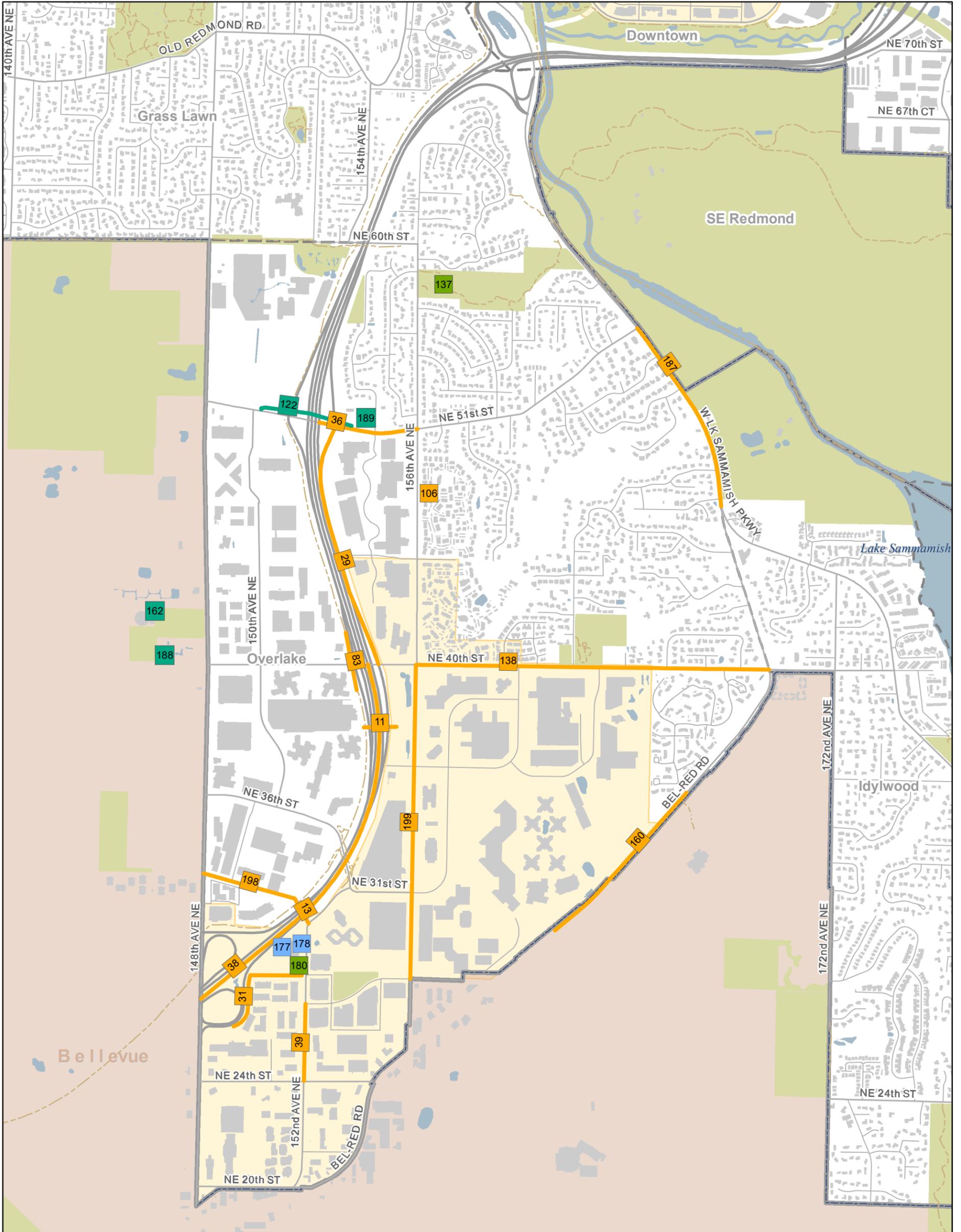
Overlake Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
180	<p>Overlake Village Park</p> <p>Develop a signature park over the Overlake Village Stormwater Vault that provides infrastructure for large-scale community events and park amenities for daily users.</p> <p>Project timeframe: 2022 - 2027</p>	Clean & Green Parks	New		4,018,170	4,018,170
187	<p>West Lake Sammamish Parkway Improvements (51st Street to Bel-Red Road)</p> <p>Design of multi-modal transportation improvements including two additional general purpose lanes, bicycle lanes, sidewalks, trail, and proposed roundabout at Bel-Red Road.</p> <p>Project timeframe: 2022 - 2025</p>	Infrastructure Transportation	Existing		2,500,000	2,500,000
188	<p>Bellevue Joint Use - NE 40th Street Inlet Meter Improvements</p> <p>Replace the inlet meter that controls flow to the NE 40th Street water reservoir tank to correct numerous safety and condition-related concerns, in addition to age-related deterioration.</p> <p>Project timeframe: 2019 - 2022</p>	Infrastructure City Water	Existing	26,000	132,000	158,000
189	<p>Pressure Reducing Valve and Meter Replacement (NE 51st Street at State Route 520)</p> <p>Replace an aging pressure reducing valve and meter and relocate to a more maintainable location as part of transportation improvements on NE 51st Street.</p> <p>Project timeframe: 2019 - 2020</p>	Infrastructure City Water	New	725,000		725,000
198	<p>Light Rail Station Access - 31st Street (148th Avenue to Overlake Village Pedestrian and Bicycle Bridge)</p> <p>Allow public access on the west side of SR520 to future Overlake Village Station and pedestrian bridge.</p> <p>Project timeframe: 2020 - 2022</p>	Infrastructure Transportation	New	250,000	1,024,000	1,274,000

2019 - 2024 Capital Investment Program

Overlake Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
199	<p>Shared Use Path - 156th Avenue (28th Street to 40th Street)</p> <p>Provide a 12-foot wide multi-use trail on the east side of 156th Avenue NE that coordinates with the Microsoft Refresh project.</p> <p>Project timeframe: 2020 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	New	478,222	2,866,536	3,344,758
177	<p>Overlake Village Stormwater Vault</p> <p>Construct a large (2 - 2.5 acre) stormwater infiltration and water quality vault under the future location of Overlake Village Park.</p> <p>Project timeframe: 2019 - 2022</p>	<p>Infrastructure</p> <p>Stormwater</p>	New	20,958,100	11,145,800	32,103,900
Multiple Locations	<p>Sidewalk Repair Project - Overlake Neighborhood</p> <p>Remove and replace damaged sidewalks and impacted utilities as prioritized in the Comprehensive Right-of-Way Study, completed in 2016.</p> <p>Project timeframe: 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	New		1,000,000	1,000,000



Projects

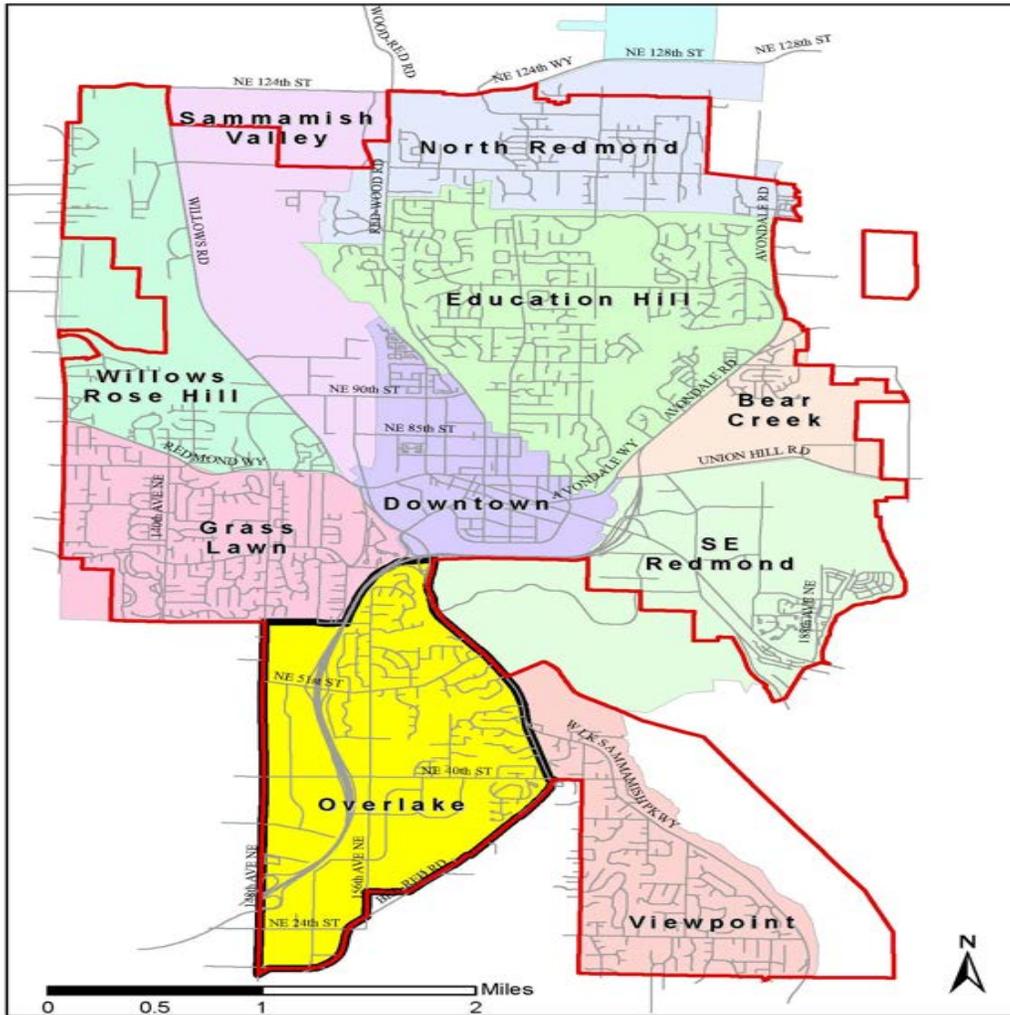
Parks	Parks	Urban Center
Stormwater	Stormwater	
Transportation	Transportation	
Wastewater	Wastewater	
Water	Water	
General Government		



**Capital Investment Projects
2019 - 2024
Overlake**




REDMOND NEIGHBORHOODS



Redmond Neighborhoods

2030 Vision

As neighborhoods outside of Redmond’s urban centers continue to mature, they embody assets such as natural beauty and diversity, they maintain a welcoming atmosphere through gathering places and continue to provide safe and secure surroundings within which residents dwell.

Neighborhood parks help residents enjoy a feeling of connectedness to their immediate neighborhood and to the community as a whole. An array of recreational opportunities, programs and park facilities enrich the lives of all residents.

Throughout Redmond neighborhoods, the City has developed an extensive system of bike paths and trails that are used for recreation and commuting. Basic maintenance – including streets, utilities and improvements to all modes of transportation – provides needed services and mobility options for people, whether walking safely down the street or moving efficiently across town. Healthy streams and natural environment contribute significantly to Redmond’s enhanced quality of life.

As Redmond grows, residents want a community that weaves the small town feel of older, established neighborhoods with the energy and vitality of Redmond’s emerging urban centers. These efforts will result in a comfortable, friendly sense of place where diversity and innovation are embraced, local investments strengthen a sense of pride and identity and collaborative action is taken to achieve community objectives. It’s a place that is home to people from a variety of ethnic backgrounds, which contributes to the richness of the City’s culture.

Achieving the Vision: Strategic Approach

In 2011, the City adopted *Vision Blueprint: Redmond’s Capital Investment Strategy, 2013-2030*. This document and subsequent updates, describes a long-term strategy for achieving Redmond’s vision. The chief component of this strategy is to invest in critical infrastructure to maintain and connect Redmond’s neighborhoods to be consistent with the vision of community connectedness.

To advance the vision for Redmond’s neighborhoods during the 2019-2024 Capital Investment Program (CIP) period, the City and its partners will continue to preserve and provide basic maintenance of infrastructure including streets, utilities and parks. The projects also support a transportation system that provides mobility options, maintains and replaces aging infrastructure and improves the reliability and safety of existing systems. Recommended projects strengthen Redmond’s economy and provide direct support to businesses located in the neighborhoods. Improvements such as the Redmond Central Connector Phase III help neighborhoods become more connected and ensure equitable access to places and systems for the entire community. Key projects such as upgrades to wastewater pump stations strengthen Redmond’s commitment to maintaining and enhancing community safety. Improvements to transportation and utility infrastructure are intended to ensure efficient use of funds to maintain service to existing customers while also taking into account anticipated needs of future customers.

Results: The Return on Investment

Capital improvements in Redmond’s neighborhoods during 2019-2024 will ensure long-term neighborhood sustainability by preserving the cherished community setting in which people prefer to live, work, recreate, invest and travel. Many community attributes help foster neighborhood pride in Redmond as a whole and in each of the City’s neighborhood planning areas. For example, fostering diversity and ensuring equity such as access to a variety of parks and natural areas and quality public services; maintaining safe, walkable and bike-able neighborhoods; and promoting a welcoming and vibrant environment help Redmond remain a desirable city. Attention to efficient and high capacity transportation systems such as East Link Light Rail and the Redmond Central Connector, as well as strategic multi-benefit natural resource investments, such as the Evans Creek Relocation and the Sammamish River Habitat Enhancements also help ensure that Redmond remains a leader in managing public and natural resources and in making positive contributions to the central Puget Sound region.

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SE197	<p>Trail Project - East Lake Sammamish River Trail to Redmond Central Connector Trail</p> <p>Contribution to King County for design of the project that will provide grade separated trail through the State Route 520/State Route 202 interchange area along the planned light rail alignment, connecting East Lake Sammamish Trail and Redmond Central Connector. Provides access to the planned Southeast Redmond light rail station.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	New	40,000		40,000
NR79 and NR161	<p>Smith Woods Stream and Pond Rehabilitation</p> <p>Construct improvements to failing pond outlet structure to provide downstream infrastructure and healthy habitat.</p> <p>Project timeframe: 2018 - 2021</p>	<p>Clean & Green</p> <p>Stormwater/Parks</p>	Existing	203,200	879,800	1,113,000
I156	<p>Community Facility District 2016 Project - 40th Street Stormwater Trunk Extension</p> <p>Complete outfall extension into Lake Sammamish and construct up to four improvements to water quality at various locations in the watershed.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing	2,777,375		9,000,000
B24	<p>NE 95th Street Bridge Replacement - Bear Creek Large Woody Debris</p> <p>Install in-stream habitat structures to provide habitat complexity. Control invasive weeds and install native trees and shrubs to restore stream buffer to benefit salmon.</p> <p>Project timeframe: 2014 - 2019</p>	<p>Clean & Green</p> <p>Stormwater</p>	Existing	398,246		727,806
B23	<p>NE 95th Street Bridge Replacement</p> <p>Complete design and construction for the replacement of the NE 95th Street Bridge.</p> <p>Project timeframe: 2020 - 2024</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing		4,366,552	4,432,352

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SE163	<p>NE 70th Street Improvements (Redmond Way to 173rd Avenue)</p> <p>Construct new 70th Street from Redmond Way to Marymoor Light Rail Station and 173rd Avenue. Intersection improvements include Redmond Way and NE 70th Street for an additional northbound left turn lane on Redmond Way to NE 70th Street.</p> <p>Project timeframe: 2020 - 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	New	762,700	6,864,300	7,627,000
N/A	<p>Kirkland Joint Use - South Reservoir Tank Painting and Seismic Retrofit</p> <p>Painting and seismic retrofit of a water reservoir that is jointly owned with the City of Kirkland.</p> <p>Project timeframe: 2018 - 2021</p>	<p>Infrastructure</p> <p>City Water</p>	Existing	820,590	589,492	1,422,662
B164	<p>SE Redmond Pond C - Property Acquisition</p> <p>Acquire property for future SE Redmond Regional Stormwater Pond C, and demo existing vacant house on the site.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing	50,000		1,000,000
SE165	<p>Redmond Way Bridge Modification and 76th Street Widening</p> <p>Add a second eastbound left turn lane at the intersection of Redmond Way and 76th Street. Width is obtained by removing sidewalk on south side of road and replacing pedestrian route with extension of Redmond Central Connector over Bear Creek with pedestrian connection from eastside of Bear Creek to Redmond Way. Add a second eastbound receiving lane on 76th Street from Redmond Way to Fred Meyer.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	New		766,000	766,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
NR166	<p>Redmond Pool Renovation</p> <p>Provides improvements to infrastructure and efficiency of the existing facilities at the Redmond Pool through the Department of Enterprises Services Energy Savings Performance-based Contracting Method. In addition, under a separate contract, the City will make non-energy savings related infrastructure improvements. Together these improvements will extend the useful life of the pool for approximately 25 years, with some mid-term investments required.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure</p> <p>Parks - Facilities</p>	New	8,000,000		8,000,000
SE52	<p>Pump Station 13 Replacement</p> <p>Replace existing pump station with a new station on the Lake Washington Technical College site in conjunction with the redevelopment of the Marymoor Village Neighborhood.</p> <p>Project timeframe: 2018 - 2022</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	7,911,500	7,029,500	15,041,000
NR200 and NR201	<p>10000 Block of Avondale Road Erosion</p> <p>Stabilize slope and control erosion.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure</p> <p>Stormwater/Transportation</p>	New	174,400	697,600	872,000
B34	<p>Evans Creek Relocation</p> <p>Enhance approximately 4,500 feet of stream channel that currently runs through multiple industrial properties by relocating it to less developed areas in the north and east. This project will establish adequate buffers, improve in-stream habitat, and will allow for redevelopment of industrial properties currently impacted by the stream.</p> <p>Project timeframe: 2012 - 2022</p>	<p>Clean & Green</p> <p>Stormwater</p>	Existing	1,266,734	5,878,947	9,645,681
W168	<p>Novelty Hill Pump Station and Operations Center Valve Replacement</p> <p>Replacement of the valves and corroded pipe in the Novelty Hill Operations Center.</p> <p>Project timeframe: 2016 - 2019</p>	<p>Infrastructure</p> <p>Novelty Hill Water</p>	Existing	740,000		1,570,615

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
I45	<p>Pump Station 2 Replacement</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls and all accessory equipment.</p> <p>Project timeframe: 2012 - 2020</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	2,876,349		3,577,501
I20	<p>Pump Station 3 Replacement</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2012 - 2020</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	5,627,000		6,866,000
B33	<p>Bear Creek Rehabilitation at Keller Farm</p> <p>Install large woody debris in the stream between the future wetland bank and the Washington State Department of Transportation mitigation site.</p> <p>Project timeframe: 2017 - 2020</p>	<p>Clean & Green</p> <p>Stormwater</p>	Existing	755,686		883,686
SE143	<p>Intersection Improvement Project - Redmond Way and East Lake Sammamish Parkway</p> <p>Increase capacity by separating the eastbound right lane from westbound left lane and by converting northbound triple left turns (on East Lake Sammamish Parkway) to two left turns and one through lane. Revise the pedestrian crossing to provide one crossing at each leg of the intersection.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing		1,980,000	1,980,000
SE170	<p>Sidewalk Installation Project - 176th Avenue (65th Street to 70th Street)</p> <p>Complete missing link of sidewalk on the west side of 176th Avenue from 65th Street to 70th Street.</p> <p>Project timeframe: 2023 - 2024</p>	<p>Infrastructure</p> <p>Transportation</p>	New		1,067,861	1,067,861

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SE171	<p>Maintenance and Operations Center Redevelopment</p> <p>Design for building renovations and/or site improvements to improve efficiency and service delivery at the Maintenance and Operations Center. This will most likely be a phased project as it becomes further defined.</p> <p>Project timeframe: 2022 - 2024</p>	<p>Infrastructure</p> <p>General Government - Facilities</p>	New		1,000,000	1,000,000
Multiple Locations	<p>Infrastructure Project - Grass Lawn Park Pavilion Phase 2 and Idylwood Park Dock Repairs</p> <p>Continue preservation repairs on the picnic shelter at Grass Lawn Park and repair the dock at Idylwood Beach to preserve and maintain park assets.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure</p> <p>Parks</p>	Existing	120,000		120,000
NR140	<p>Monticello Flow Control and Water Quality Treatment</p> <p>Install flow control and water quality controls in the contributing drainage area as part of the efforts to rehabilitate the Monticello Creek.</p> <p>Project timeframe: 2016 - 2022</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing	300,000	1,000,000	1,900,000
NR113	<p>Sports Field Project - Turf Replacement at Hartman Park Fields 5 and 6</p> <p>Replace the artificial turf that has reached the end of its useful life in order to meet safety standards and demand for field use.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure</p> <p>Parks</p>	Existing	1,247,721		1,247,721
GL172	<p>Targeted Safety Improvement Project - Flashing Beacon (NE 80th Street and 140th Avenue)</p> <p>Install flashing beacons to slow traffic and increase pedestrian safety.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure</p> <p>Transportation</p>	New	69,458		69,458

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SE50	<p>Pump Station 11 Upgrades</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2022</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing		1,798,702	1,798,702
SV46	<p>Pump Station 14 Abandonment</p> <p>As Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes construction of a gravity sewer main allowing the existing pump station to be abandoned.</p> <p>Project timeframe: 2012 - 2022</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	429,690	355,984	979,683
SV47	<p>Pump Station 15 Upgrades</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2012 - 2022</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	323,102	1,820,800	2,298,703
I48	<p>Pump Station 5 Upgrades</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2019 - 2023</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	553,292	2,479,696	3,032,988

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
I49	<p>Pump Station 6 Upgrades</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2019 - 2023</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	687,605	3,077,323	3,764,928
SE58	<p>SE Redmond Tank Painting and Seismic Upgrades</p> <p>Painting of the SE Redmond Water Tank, along with constructing seismic upgrades to meet current code requirements.</p> <p>Project timeframe: 2017 - 2021</p>	<p>Infrastructure</p> <p>City Water</p>	Existing	4,857,805	500,000	5,887,698
SE173	<p>Fire Station 16 and Fire Station Fleet Shop Seismic Upgrade</p> <p>Seismic upgrade to fully operational standards as informed by the Facility Condition Assessment.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure</p> <p>General Government - Facilities</p>	New	1,300,000		1,300,000
SV174	<p>Trail Project - Redmond Central Connector Phase 3</p> <p>Partner with Puget Sound Energy to complete the 4-mile rails to trails connection from Overlake Christian Church on Willows Road to NE 124th Avenue, where the trail will connect to the Eastside Rail Corridor spur to Woodinville and to the Cross Kirkland Corridor.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure</p> <p>Parks</p>	New	2,437,226	901,138	3,338,364
SV98	<p>Willows Road Culvert Replacement</p> <p>Replace the fish barrier culvert under Willows Road in coordination with the Willows Road Pavement Management project.</p> <p>Project timeframe: 2017 - 2019</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing	1,600,000		2,000,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SV97	<p>Pavement Management Project - Willows Road (NE 90th Street to NE 124th Street)</p> <p>Rehabilitate and overlay pavement surface to extend useful life of roadway in coordination with the Willows Road Culvert Replacement project.</p> <p>Project timeframe: 2017 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	3,200,000		4,000,000
Multiple Locations	<p>Control System and Telemetry Upgrades - Phase 1</p> <p>Update the control system that runs the water and wastewater systems at Pumps Station 4, Pump Station 8 and at the Lakeline. The telemetry system links all major water and sewer facilities and monitors and controls those facilities. The telemetry system is an independent computer network that operates, monitors, and directs the control devices that are distributed throughout the City and Novelty Hill are interconnected using the phone system. The technology of the computers, controllers, software and phone system are continually evolving and need upgrade or replacement similar to a home computer.</p> <p>Project timeframe: 2019 - 2020</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	962,000	-	1,082,000
Multiple Locations	<p>Control System and Telemetry Upgrades - Phase 2</p> <p>Update the control system that runs the water and wastewater systems at the 104th master meter, NE 90th and NE 85th Street interties and at Leary Way. The telemetry system links all major water and sewer facilities and monitors and controls those facilities. The telemetry system is an independent computer network that operates, monitors and directs the control devices that are distributed throughout the City and Novelty Hill and are interconnected using the phone system. The technology of computers, controllers, software and phone system are continually evolving and need upgrade or replacement similar to a home computer.</p> <p>Project timeframe: 2018 - 2021</p>	<p>Infrastructure</p> <p>City Water</p>	Existing	1,085,000	150,000	1,235,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
Multiple Locations	<p>Control System and Telemetry Upgrades - Phase 3</p> <p>Upgrade the control system that runs the water and wastewater systems at the SE Redmond, Perrigo, and Education Hill water tanks and at Well 4. The telemetry system links all major water and sewer facilities and monitors and controls those facilities. The telemetry system is an independent computer network that operates, monitors, and directs the control devices that are distributed throughout the City and Novelty Hill are interconnected using the phone system. The technology of the computers, controllers, software and phone system are continually evolving and need upgrade or replacement similar to a home computer.</p> <p>Project timeframe: 2020 - 2022</p>	<p>Infrastructure</p> <p>City Water</p>	Existing	283,000	919,000	1,202,000
Multiple Locations	<p>Novelty Hill Control System and Telemetry Upgrade - Phase 4</p> <p>Upgrade the control system that runs the water and wastewater systems at the Operations Center and pump stations 51, 52, 53, 54 and 55. The telemetry system links all major water and sewer facilities and monitors and controls those facilities. The telemetry system is an independent computer network that operates, monitors, and directs the control devices that are distributed throughout the City and Novelty Hill are interconnected using the phone system. The technology of the computers, controllers, software and phone system are continually evolving and need upgrade or replacement similar to a home computer.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>Novelty Hill Water/Novelty Hill Wastewater</p>	Existing		2,200,000	2,200,000
SV179	<p>Sammamish River Habitat Enhancements (90th to Willows Creek)</p> <p>Regrade and revegetate both banks of the Sammamish River to enhance in-stream and riparian habitat.</p> <p>Project timeframe: 2023 - 2029</p>	<p>Clean & Green</p> <p>Stormwater</p>	Existing		250,000	250,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
NR85	<p>Pavement Management Project - 166th Avenue NE (NE 85th Street to 102nd Avenue)</p> <p>Rehabilitate and overlay pavement surface to extend useful life of roadway.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing		2,596,553	2,596,553
NR146	<p>High School Creek Watershed Restoration</p> <p>Preliminary engineering for watershed restoration of High School Creek, including flow control and water quality improvements.</p> <p>Project timeframe: 2019 - 2024</p>	<p>Infrastructure</p> <p>Stormwater</p>	Existing	370,000	830,000	1,200,000
SE108	<p>SE Redmond Booster Pump Station Replacement</p> <p>Replacement of pump components, variable frequency drives, telemetry system, control panel, and address building deficiencies.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>City Water</p>	Existing		1,200,000	1,200,000
SE51	<p>Pump Station 12 Upgrades</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new valve vault and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2012 - 2022</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing	774,744	2,642,288	3,814,606
I181	<p>Hardscape Project - Idylwood Park Parking Lot Repairs</p> <p>Resurface parking lot and replace curbs to provide a safe driving and walking surface for park patrons.</p> <p>Project timeframe: 2024</p>	<p>Infrastructure</p> <p>Parks</p>	New		55,000	55,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
W194	<p>Seidel Creek South Fork and East Fork Flume Removal</p> <p>Remove the concrete weirs and sluice boxes on east and south forks. Rebuild channel for stability, fish passage and habitat complexity using large woody debris.</p> <p>Project timeframe: 2023 - 2024</p>	Clean & Green Stormwater	Existing		591,125	591,125
GL120	<p>Hardscape Project - Grass Lawn Park Parking Lot</p> <p>Resurface the 148th Avenue NE parking lot and replace curbs to provide a safe driving and walking surface for park patrons.</p> <p>Project timeframe: 2021</p>	Infrastructure Parks	Existing		135,000	135,000
Multiple Locations	<p>Hardscape Project - Pathways and Fencing</p> <p>Replace deteriorating fencing and pathways to maintain safety of park guests at Farrel McWhirter, Cascade View, Grass Lawn and Hartman Parks.</p> <p>Project timeframe: 2019</p>	Infrastructure Parks	Existing	85,000		85,000
SV104	<p>Targeted Safety Improvement Project - Pedestrian Crossing (Willows Run Golf Course)</p> <p>Install midblock crossing on Willows Road with curb ramps, crosswalk marking and high-intensity activated crosswalk beacon.</p> <p>Project timeframe: 2019</p>	Infrastructure Transportation	Existing	357,210		357,210
B195	<p>Perrigo Springs Pump Station Replacement</p> <p>Replace roofs, mechanical systems, electrical systems and controls.</p> <p>Project timeframe: 2023 - 2025</p>	Infrastructure City Water	Existing		680,000	680,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
NR183	<p>Pump Station 8 Rehabilitation</p> <p>Many components of the City's wastewater pump stations have reached the end of their useful life and need to be addressed. This work includes the installation of new valve vault and complete replacement of pumps, motors, valves, controls, generator and all accessory equipment.</p> <p>Project timeframe: 2022 - 2025</p>	<p>Infrastructure</p> <p>City Wastewater</p>	Existing		1,568,912	1,568,912
GL184	<p>Safe Routes to School Project - 151st Avenue Sidewalk (Old Redmond Road to 7500 Block)</p> <p>Install sidewalk on 151st Avenue from Old Redmond Road to the 7500 Block. Connect 151st Avenue to 152nd Avenue at the 7500 Block.</p> <p>Project timeframe: 2024</p>	<p>Infrastructure</p> <p>Transportation</p>	New		478,000	478,000
NR185	<p>Safe Routes to School Project - 88th Street Sidewalk (171st Avenue to 172nd Avenue)</p> <p>Install sidewalk on 88th Street from 171st Avenue to 172nd Avenue.</p> <p>Project timeframe: 2024</p>	<p>Infrastructure</p> <p>Transportation</p>	New		119,000	119,000
SE130	<p>Bridge Deck Overlay - Union Hill</p> <p>Reseal concrete bridge deck with an epoxy overlay.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	384,300		384,300
NR19	<p>Education Hill Pump Station Replacement</p> <p>Replace roofs, mechanical systems, electrical systems and controls.</p> <p>Project timeframe: 2024</p>	<p>Infrastructure</p> <p>City Water</p>	Existing		300,000	300,000

2019 - 2024 Capital Investment Program

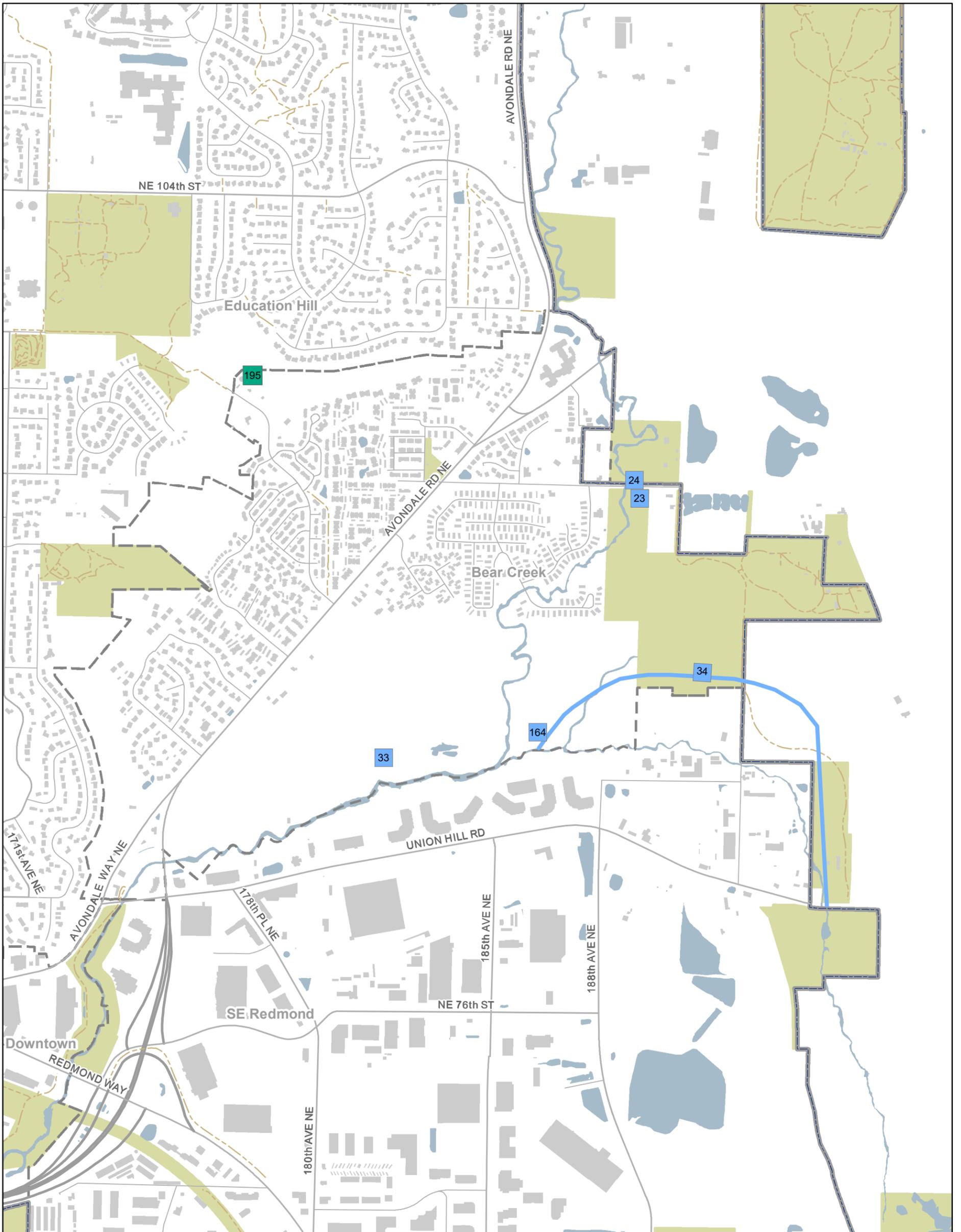
Neighborhood Investments

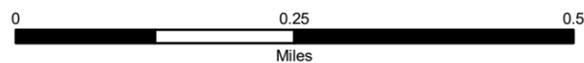
Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
SV186	<p>Trail Project - NE 100th Street to Willows on Rose Hill</p> <p>Trail connection from the end of PSE Trail connecting west into Kirkland. This project is needed to meet trail level of service and create a connection between Kirkland and Redmond.</p> <p>Project timeframe: 2024</p>	<p>Infrastructure</p> <p>Parks</p>	New	36,600	146,400	183,000
SE193	<p>Marymoor Village NE 70th Street Force Main</p> <p>Construct a new sewer force main in NE 70th Street as part of sewer system upgrades in the Marymoor Village area to support redevelopment. Partner with Sound Transit to construct this segment as part of the transit center construction.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure</p> <p>City Wastewater</p>	New	118,000	298,000	416,000
NR196	<p>160th Extension</p> <p>Design to construct new 160th Avenue NE arterial from current terminus at approximately NE 99th Street north to the intersection with Red-Wood Road.</p> <p>Project timeframe: 2023 - 2025</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing		2,000,000	2,000,000
GL190	<p>Climate Action Project - Grass Lawn Park Improvements</p> <p>Energy efficiency improvements to Grass Lawn Park including conversion of soccer field #1 and softball field #1 lighting to LED technology.</p> <p>Project timeframe: 2019</p>	<p>Clean & Green</p> <p>General Government</p>	New	335,000		335,000
SE191	<p>Pavement Management Project - 187th Avenue (East Lake Sammamish Parkway to State Route 202)</p> <p>Pavement overlay from East Lake Sammamish Parkway to Redmond Way.</p> <p>Project timeframe: 2019 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	New	1,300,000		1,300,000

2019 - 2024 Capital Investment Program

Neighborhood Investments

Map #	Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
NR192	<p>Fire Station 17 Hose Tower Retrofit</p> <p>Retrofit the hose tower drainage system to function properly during training exercises.</p> <p>Project timeframe: 2019</p>	<p>Safety</p> <p>General Government</p>	New	458,800		458,800
Multiple Locations	<p>Sidewalk Repairs</p> <p>Major maintenance and repairs for damaged sidewalks prioritized based on sidewalk conditions.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	New	150,000		150,000
SE159	<p>Lake Washington Institute of Technology Lease</p> <p>Lease payments for use of Lake Washington Institute of Technology for the Redmond Community Center at Marymoor Village.</p> <p>Project timeframe: Ongoing</p>	<p>Diverse & Connected Community</p> <p>Parks</p>	Existing	955,000	480,000	1,435,000



Projects			 <p>Capital Investment Projects 2019 - 2024 Bear Creek</p>  
	Parks		
	Stormwater		
	Transportation		
	Wastewater		
	Water		
	General Government		



Projects

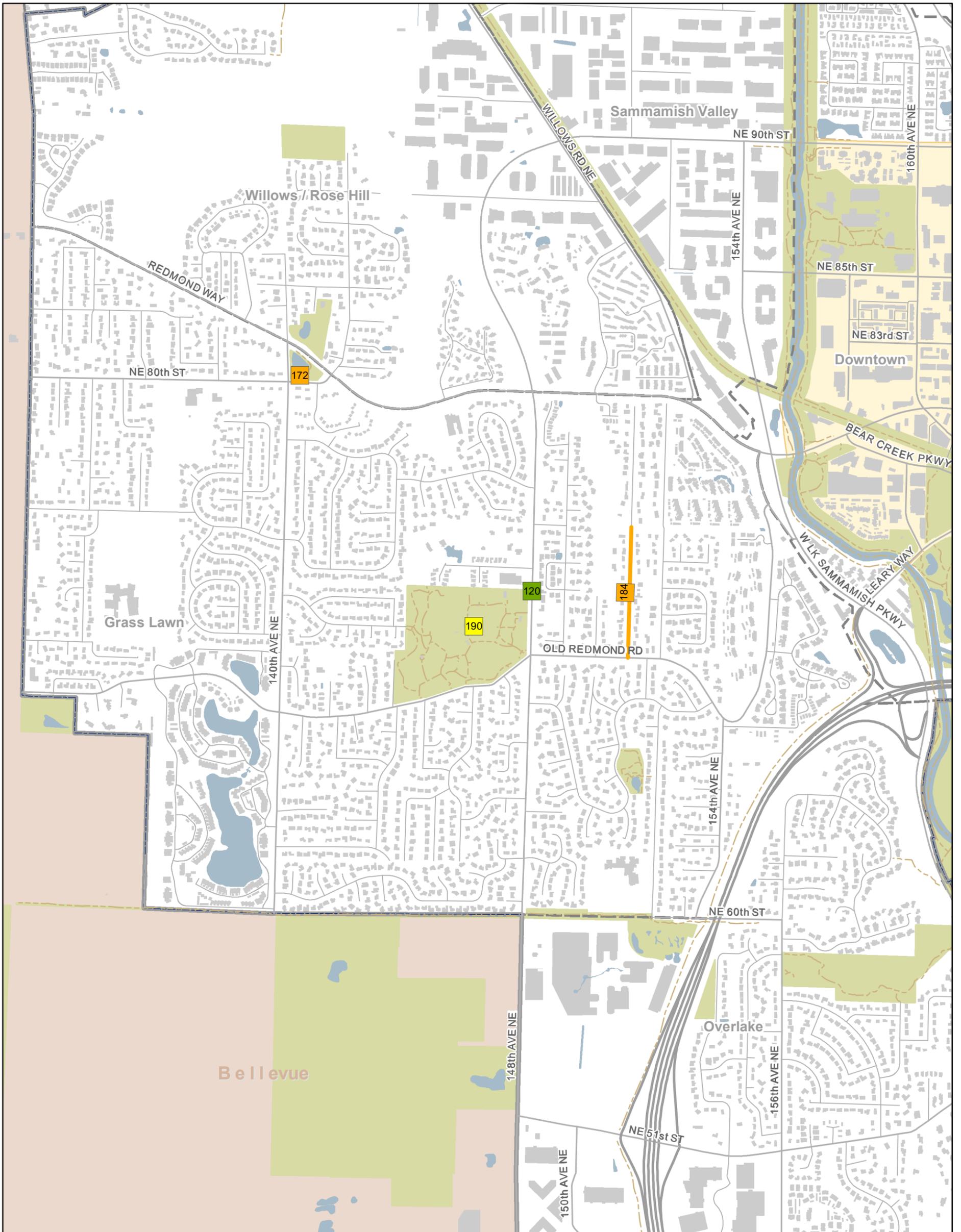
Parks	Parks	Urban Center
Stormwater	Stormwater	
Transportation	Transportation	
Wastewater	Wastewater	
Water	Water	
General Government		



Capital Investment Projects 2019 - 2024

Downtown



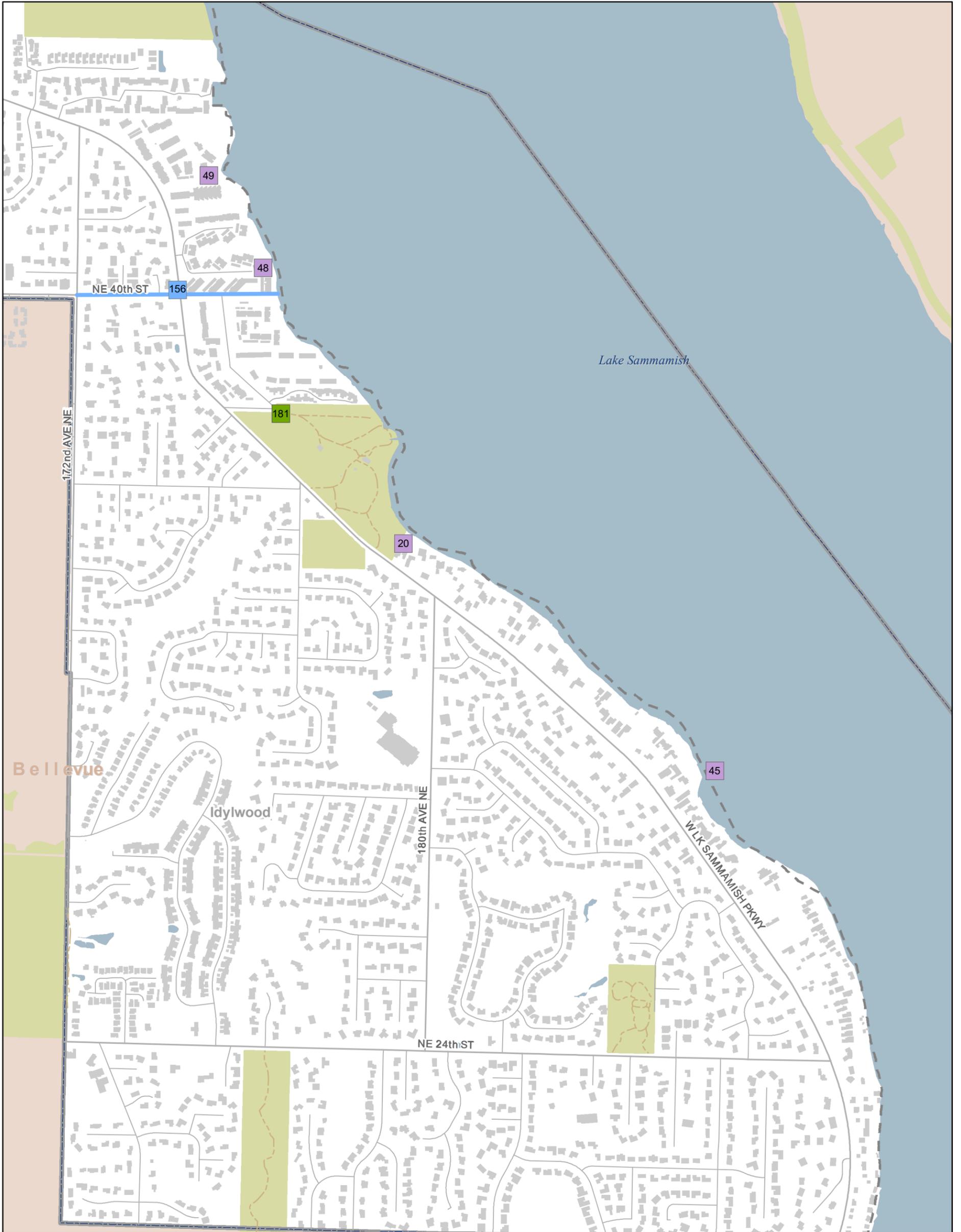



Projects

Parks	Parks	Urban Center
Stormwater	Stormwater	
Transportation	Transportation	
Wastewater	Wastewater	
Water	Water	
General Government		

**Capital Investment Projects
2019 - 2024
Grass Lawn**

City of Redmond
WASHINGTON

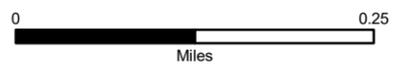


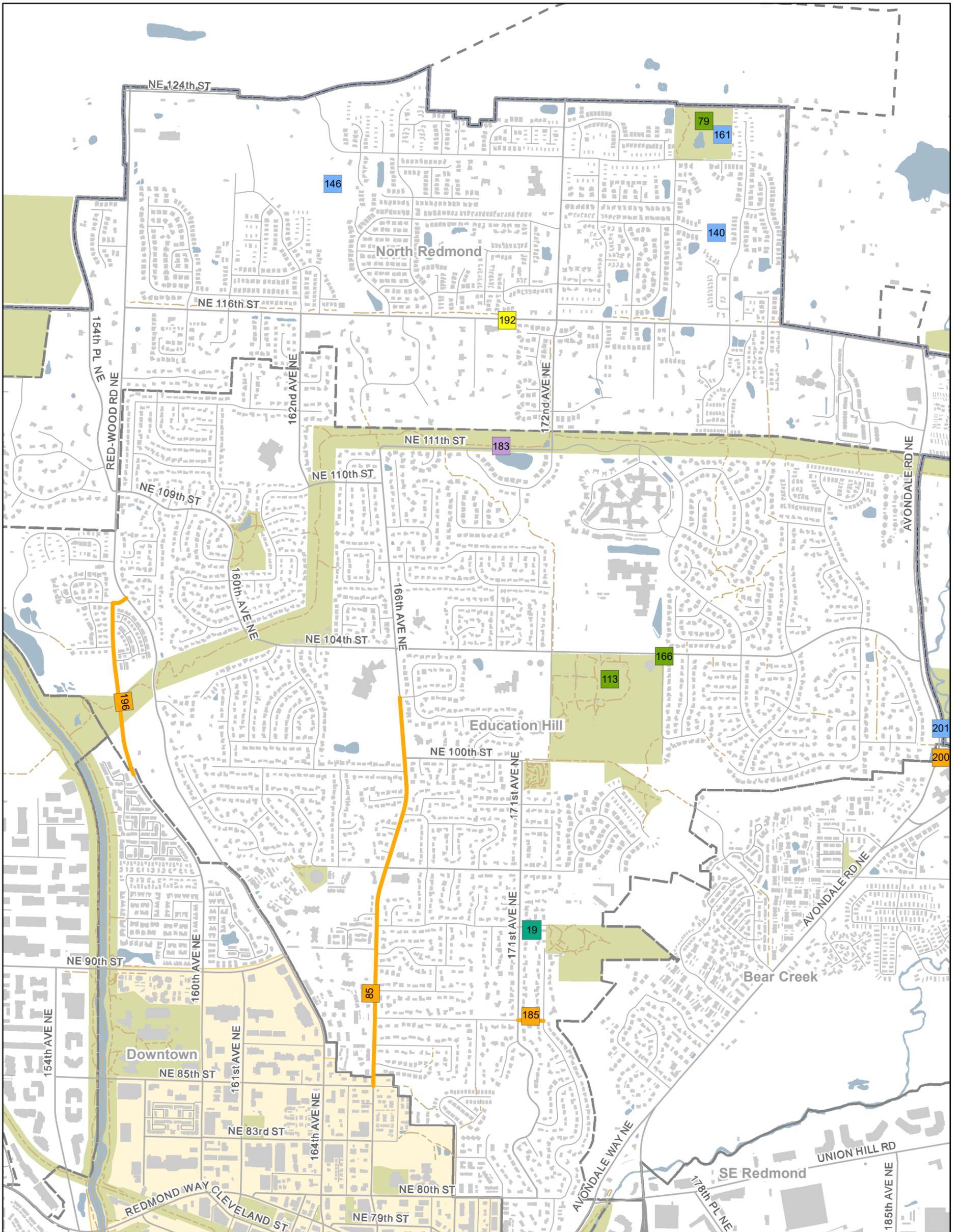
Projects

- | | | |
|--|--|--|
|  Parks |  Parks |  Urban Center |
|  Stormwater |  Stormwater | |
|  Transportation |  Transportation | |
|  Wastewater |  Wastewater | |
|  Water |  Water | |
|  General Government | | |



**Capital Investment Projects
2019 - 2024
Idylwood**





Projects

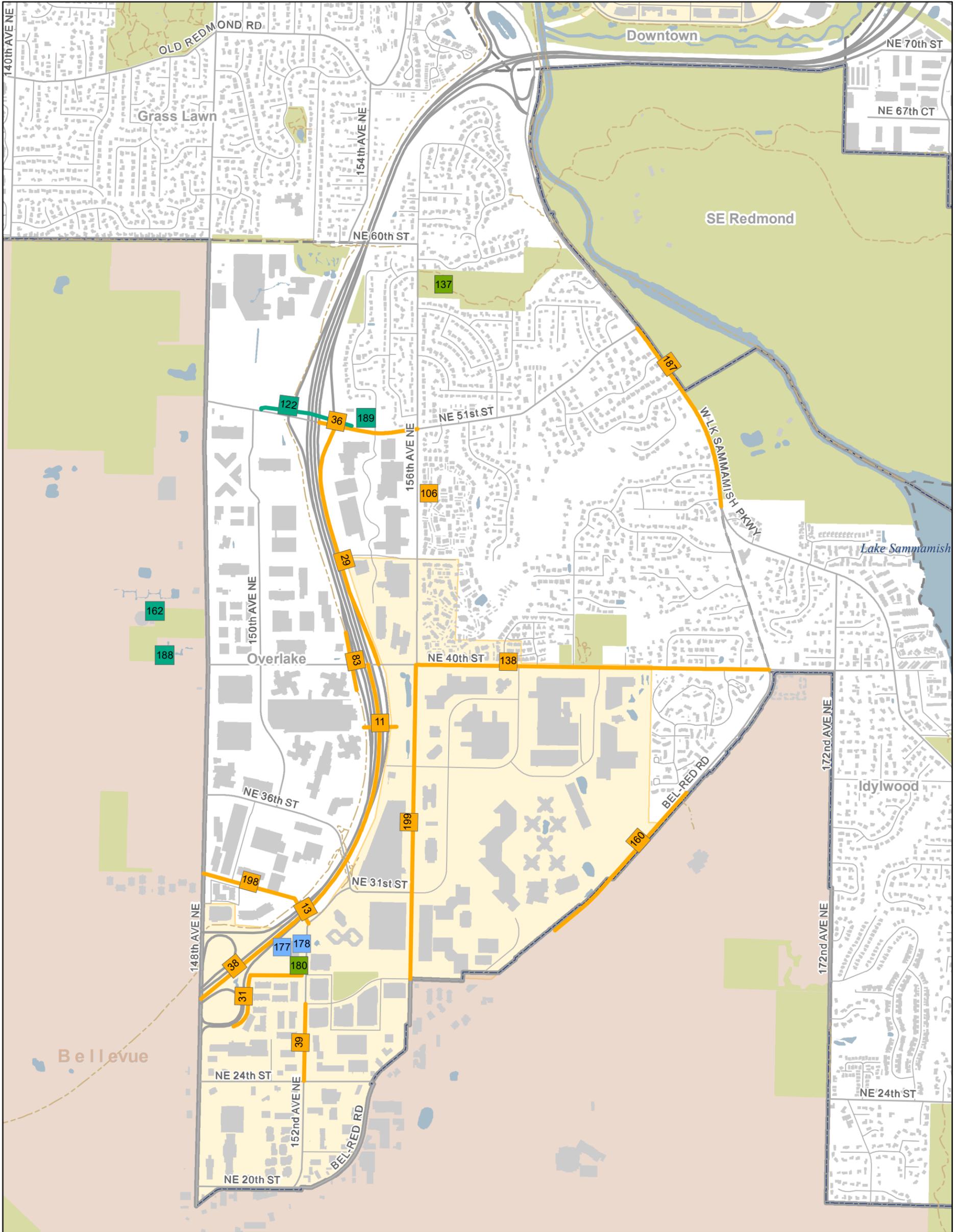
Parks	Parks	Urban Center
Stormwater	Stormwater	
Transportation	Transportation	
Wastewater	Wastewater	
Water	Water	
General Government		



**Capital Investment Projects
2019 - 2024**

North Redmond, Education Hill



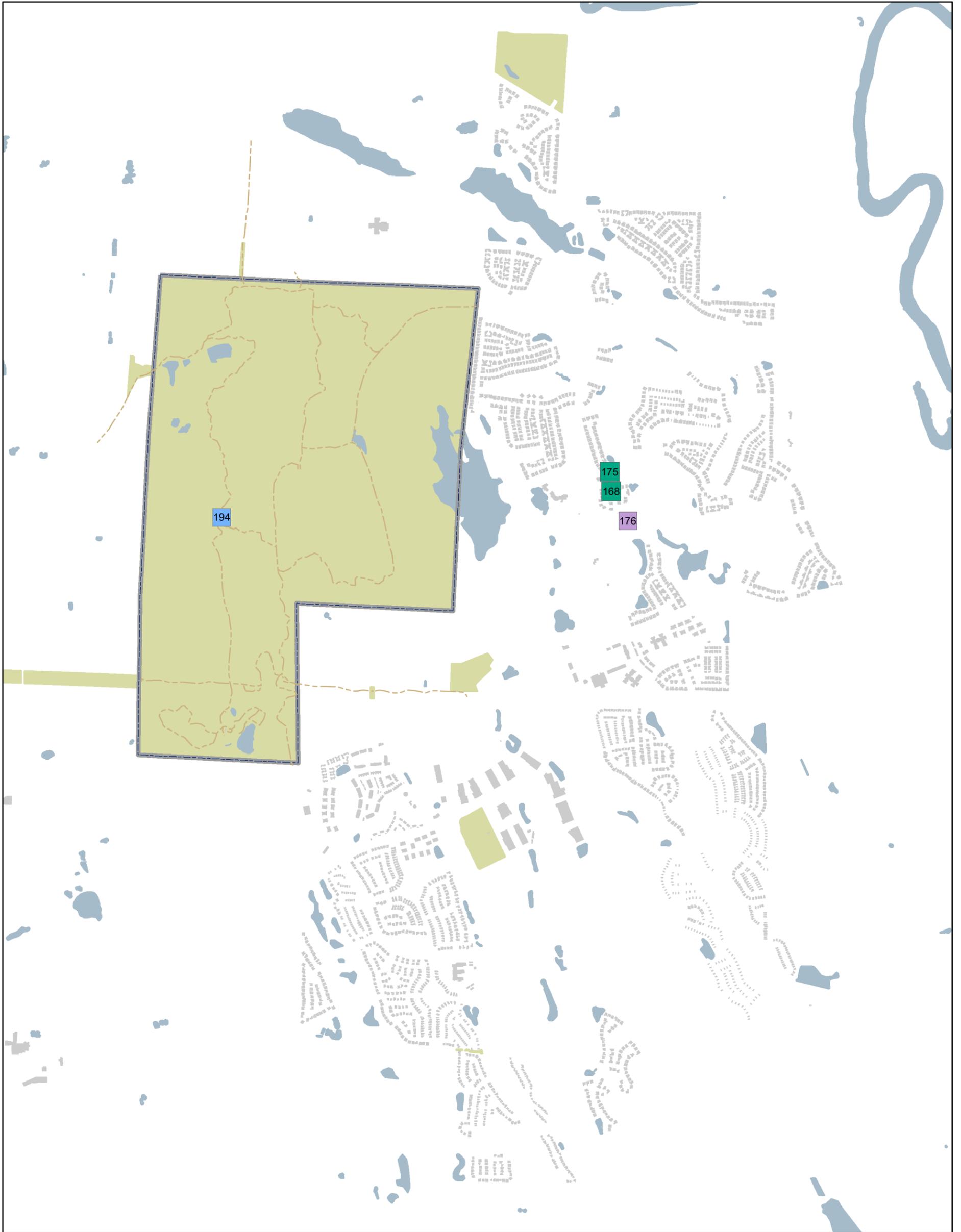
Projects

- | | | |
|--|--|--|
|  Parks |  Parks |  Urban Center |
|  Stormwater |  Stormwater | |
|  Transportation |  Transportation | |
|  Wastewater |  Wastewater | |
|  Water |  Water | |
|  General Government | | |



**Capital Investment Projects
2019 - 2024
Overlake**





Projects

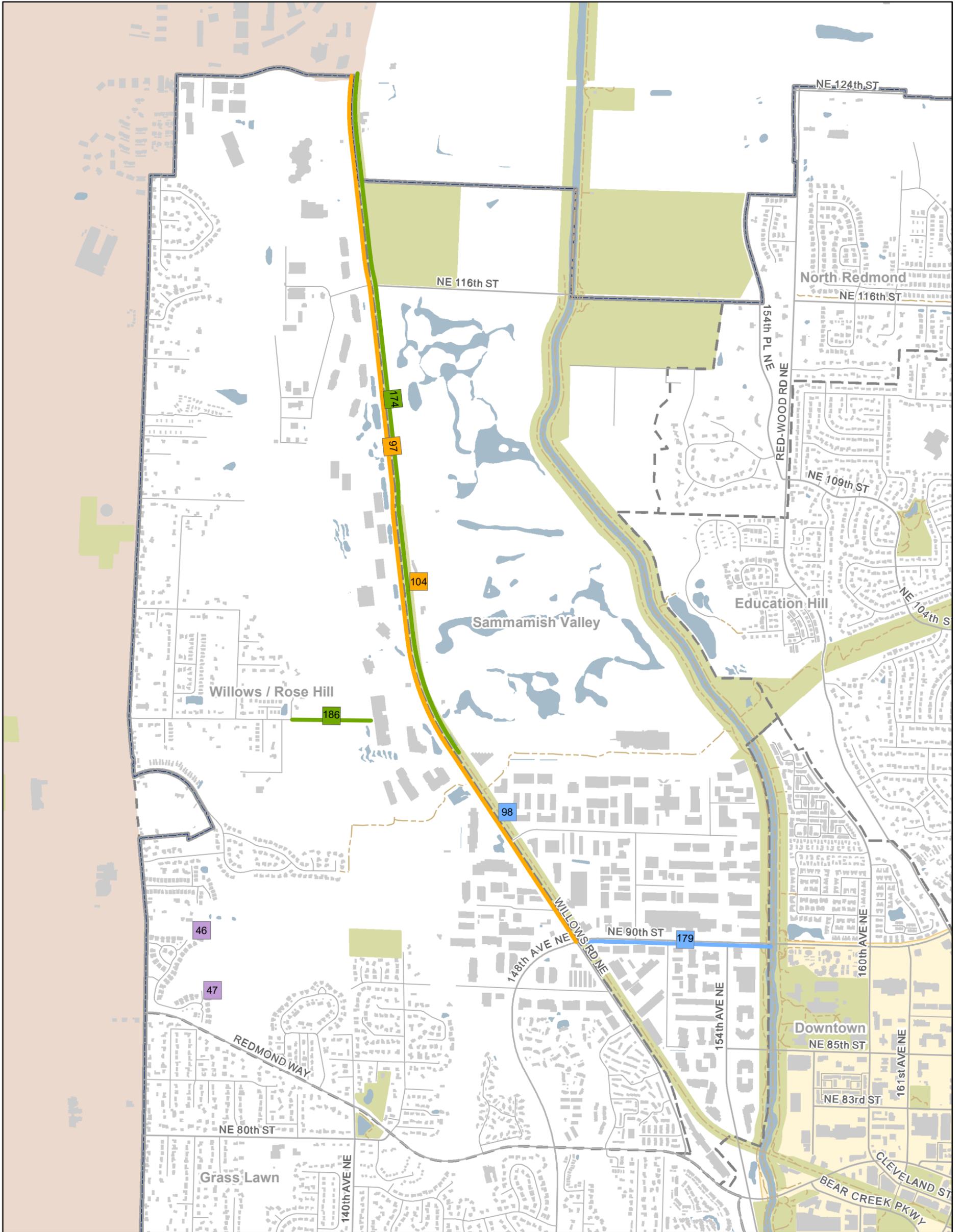
- | | | |
|--|--|--|
|  Parks |  Parks |  Urban Center |
|  Stormwater |  Stormwater | |
|  Transportation |  Transportation | |
|  Wastewater |  Wastewater | |
|  Water |  Water | |
|  General Government | | |



City of Redmond
WASHINGTON

**Capital Investment Projects
2019 - 2024
Redmond Watershed Preserve**





Projects

- | | | |
|--|--|--|
|  Parks |  Parks |  Urban Center |
|  Stormwater |  Stormwater | |
|  Transportation |  Transportation | |
|  Wastewater |  Wastewater | |
|  Water |  Water | |
|  General Government | | |



**Capital Investment Projects
2019 - 2024
Sammamish Valley, Willows / Rose Hill**





Projects			 <p>Capital Investment Projects 2019 - 2024 SE Redmond</p>  
	Parks		
	Stormwater		
	Transportation		
	Wastewater		
	Water		
	General Government		

CITYWIDE



Citywide Projects

2030 Vision

Redmond provides high-quality public services and well-maintained dependable public facilities. The community continues to enjoy excellent fire and emergency response, professional police service, beautiful parks, clean drinking water and effective wastewater and stormwater management because the capital facilities needed to provide these services were, and still are, planned and maintained for the long-term. Redmond is a place where residents and businesses alike enjoy facilities and infrastructure that are safe, up to date and meet the City's goal for a sustainable future.

Achieving the Vision: Strategic Approach

In 2011, the City adopted *Vision Blueprint: Redmond's Capital Investment Strategy, 2013-2030*. This document and subsequent updates, describe a long-term strategy for achieving Redmond's vision. The focus of the strategy is to invest in critical projects that will protect Redmond's existing infrastructure as well as support growth in the future. The projects that fall within the Citywide Projects portion of the Capital Investment Program (CIP) include long-term planning for facility repair and replacement and major maintenance of buildings as evidenced by the rehabilitation of the Public Safety Building Phase II that houses Redmond's Police Department and Emergency Communications Center. Other projects protect the safety and welfare of the community by investing in Americans with Disabilities Act (ADA)

improvements, replacing aged utility infrastructure and maintaining the integrity of the City's streets and traffic systems. Additional projects focus on creating opportunities and leveraging dollars through increased contributions to affordable housing construction and still other investments speak to development of future infrastructure and making connections with and through neighborhoods, including:

- Constructing missing links in the trail system
- Protecting the City's groundwater
- Calming traffic in Redmond neighborhoods
- Maintaining and preserving City facilities for future generations

Outcomes: The Return on Investment

Through the 2019-2024 capital investment timeframe the City will continue to focus its efforts on the infrastructure that makes Redmond a safe place to live, work and play, and protect the investment in existing assets. Although many of the projects in the Citywide area will go largely unseen, Redmond will continue to use available resources on safety, maintenance and enhancement projects to preserve existing public infrastructure in a manner which:

- Supports the provision of City services consistent with the expectations of the community
- Preserves and maintains levels of existing services
- Provides facilities that meet the unique needs of the City
- Fosters partnerships between Redmond's residents, neighborhood, businesses and stakeholders
- Rehabilitates and/or replaces the City's infrastructure to extend useful life and assure continued efficiency
- Creates a safe and well-maintained environment

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Trail Project - Redmond Central Connector Linkages</p> <p>A package of projects to improve access to the Redmond Central Connector. Projects are located at 90th Street, 87th Street, 8400 Block, and Red 160 Alley.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure</p> <p>Parks</p>	Existing	1,160,324		1,202,000
<p>Fire Station 14 Seismic Retrofit</p> <p>Fire District 34 project which is being managed by the City. Seismic upgrade to fully operational standard and other seismic improvements.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Infrastructure</p> <p>General Government - Facilities</p>	Existing	1,504,500		2,000,000
<p>Fire Station 18 Seismic Retrofit</p> <p>Fire District 34 project which is being managed by the City. Seismic upgrade to fully operational standard and other seismic improvements.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Infrastructure</p> <p>General Government - Facilities</p>	Existing	1,045,500		1,400,000
<p>Housing Trust Fund</p> <p>Provides increased affordable housing choices for a diverse population through contributions to ARCH (A Regional Coalition for Housing). ARCH is comprised of 16 jurisdictions (including King County) serving the housing needs of East King County. It is nationally recognized as a model for local governments in providing affordable and special needs housing. In addition to the direct allocation of funds to housing developers to create housing, ARCH provides support for other affordable housing planning, promotion and implementation activities for its member jurisdictions.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure</p> <p>General Government</p>	Existing	1,000,000	2,000,000	3,000,000

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Americans with Disabilities Act (ADA) Improvement Program - Transportation</p> <p>ADA enhancement projects to the City's transportation infrastructure to accommodate people with disabilities.</p> <p>Project timeframe: 2019 - 2020</p>	<p>Infrastructure Transportation</p>	Existing	300,000		300,000
<p>Americans with Disabilities Act (ADA) Improvement Program - Parks</p> <p>ADA enhancement projects to the City's park infrastructure to accommodate people with disabilities.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure Parks</p>	New	200,000		200,000
<p>Americans with Disabilities Act (ADA) Improvement Program - Facilities</p> <p>ADA enhancement projects to the City's buildings and grounds to accommodate people with disabilities.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure General Government</p>	New	200,000		200,000
<p>Neighborhood Fund</p> <p>The Neighborhood Fund is used primarily for small grants of up to \$5,000 for neighborhood improvements when matched by the neighborhood through donations of cash, materials, professional services or labor. Examples include enhancements to restore and preserve neighborhood entryways, landscaping, habitat areas and play areas.</p> <p>Project timeframe: Ongoing</p>	<p>Diverse & Connected Community General Government</p>	Existing	38,350		38,350

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Municipal Buildings Renovations, Maintenance and Repairs</p> <p>Allows for maintenance projects at City facilities identified as critical to preserving levels of service.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure General Government - Facilities</p>	Existing	500,000	1,000,000	1,500,000
<p>Stormwater Infrastructure Replacement Improvement - Critical Repairs</p> <p>Focus on pipe repairs that have been identified by maintenance crews while conducting system inspections.</p> <p>Project timeframe: 2019 - 2020</p>	<p align="center">Infrastructure Stormwater</p>	New	500,000		500,000
<p>Street Channelization Improvement and Maintenance Program</p> <p>Install new channelization and maintain existing crosswalks and stop bars to improve safety.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure Transportation</p>	Existing	300,000	500,000	800,000
<p>Retaining Walls - Replacement and Installation</p> <p>Construct or replace retaining walls or other structure at three locations in this priority order: 1. Redmond Way and West Lake Sammamish Parkway, 2. Red-Wood Road at the 10300 block, 3. NE 116th Street between Willows Road and the Sammamish River.</p> <p>Project timeframe: 2019 - 2020</p>	<p align="center">Infrastructure Transportation</p>	New	2,000,000		2,000,000

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Street Lighting Enhancement Program</p> <p>The program is used to fund improvements to the City's street lighting system. The funds are used to design and construct new street lights at key locations where additional illumination would benefit safety and user accessibility. Lighting improvements are also added to other CIP projects to help complete missing links in the street light system.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure Transportation</p>	Existing	130,000	200,000	330,000
<p>Groundwater Aquifer Monitoring Network Improvements</p> <p>Installation of 10 new groundwater monitoring wells and decommissioning of 5 existing monitoring wells to reflect the new Critical Aquifer Recharge Area delineations to enable data collection upstream of the drinking water supply wells.</p> <p>Project timeframe: 2019 - 2020</p>	<p align="center">Clean & Green City Water</p>	New	150,000		150,000
<p>Supervisory Control and Data Acquisition (SCADA) Upgrades</p> <p>Replace the Supervisory Control and Data Acquisition computers and update the programming.</p> <p>Project timeframe: 2021 - 2022</p>	<p align="center">Infrastructure Water/Wastewater</p>	Existing		300,000	300,000
<p>Bridge Structure and Repair Program</p> <p>The program maintains the structural integrity and safety of all 18 of the City's bridges. Bridge inspections are done every two years for most bridges and yearly for bridges with scouring potential. Bridge improvements are generated from the inspections and prioritized.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure Transportation</p>	Existing	187,500	560,000	747,500

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Neighborhood Traffic Calming Improvement Program</p> <p>Neighborhood traffic calming improvement projects implement safety policies specified in the Comprehensive Plan and Transportation Master Plan. Staff investigates and evaluates neighborhood traffic safety problems using a two-phase “3E’s” (education, enforcement, engineering) approach; and where needed, coordinates design, development and implementation of context sensitive mitigation solutions.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure</p> <p>Transportation</p>	Existing	230,000	400,000	630,000
<p>Asphalt Repairs</p> <p>Large asphalt repair locations that occur over time that require a contractor to perform the work.</p> <p>Project timeframe: 2019 - 2020</p>	<p>Infrastructure</p> <p>Transportation</p>	New	400,000		400,000
<p>Stormwater Infrastructure Replacement Improvement Project #3 - Pipe Lining</p> <p>Focus is on slope failures, and rehabilitation of failing concrete and metal pipe.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure</p> <p>Stormwater</p>	New		1,000,000	1,000,000
<p>Community Center</p> <p>Expand an existing facility or build a new facility that meets the demand for additional fitness space and cultural events space.</p> <p>Project timeframe: 2018 - 2024</p>	<p>Diverse & Connected Community</p> <p>Parks - Facilities</p>	Existing		29,912,400	29,912,400
<p>Community Treasures</p> <p>Supports and enhances Redmond's landmarked properties and other historic treasures.</p> <p>Project timeframe: Ongoing</p>	<p>Diverse & Connected Community</p> <p>General Government</p>	Existing	31,046		31,046

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>Pressure Reducing Valve & Meter Replacement (Citywide Locations)</p> <p>Replace aging or undersized pressure reducing valves, large meters and vaults.</p> <p>Project timeframe: 2021 - 2023</p>	<p>Infrastructure</p> <p>City Water</p>	Existing		7,148,000	7,148,000
<p>Water System Security Replacement</p> <p>Update or replace City and Novelty Hill security equipment and software for the water system.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure</p> <p>City Water and Novelty Hill Water</p>	Existing		600,000	600,000
<p>Infiltration Retrofit Program</p> <p>This program provides partial cost reimbursement for retrofitting existing private infiltration facilities that are determined to pose a significant groundwater hazard in wellhead protection zones 1 and 2.</p> <p>Project timeframe: 2015 - 2022</p>	<p>Clean & Green</p> <p>City Water</p>	Existing	1,000,000	1,000,000	4,000,000
<p>Climate Action Project - Park System Energy Efficiency Improvements</p> <p>Perform system-wide exterior parking lighting conversion to LED technology including parking lots, security, and pathway lights. Upgrade to the buildings at Farrel McWhirter Park by replacing 26 single pane windows, insulating the newly constructed office space and replacing the antiquated electric boiler system with two energy efficient forced air furnaces.</p> <p>Project timeframe: 2019</p>	<p>Clean & Green</p> <p>General Government</p>	New	106,000		106,000
<p>Parks - Rec Center Analysis and Concepts</p> <p>Pre-Design Study that proposes the location, program, scope, concepts, costs, and financial model for the various community center projects.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Diverse & Connected Community</p> <p>Parks</p>	New	355,000		355,000

2019 - 2024 Capital Investment Program

Citywide Investments

Investment Description & Timeframe	Priority & Functional Area	Project Status	2019-2020 Investment	2021-2024 Investment	Total Investment (includes costs prior to 2019)
<p>City Hall Debt Service</p> <p>Principal and interest costs on the Limited Tax General Obligation Bonds for the City Hall Building.</p> <p>Project timeframe: 2015 - 2035</p>	<p align="center">Infrastructure General Government</p>	Existing	5,448,862	7,495,424	12,944,286
<p>City Hall Maintenance</p> <p>Maintenance contract with Wright Runstad for the City Hall building.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure General Government</p>	Existing	1,823,200	3,646,400	5,469,600
<p>General Fund Overhead</p> <p>City General Fund and technology overhead charges to Parks, Transportation and General Government CIPs. Required by policy.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure Parks/Transportation/General Government</p>	Existing	1,503,303	3,027,894	4,531,197
<p>Utility Depreciation</p> <p>Depreciation is an expense to the City's utilities that allocates the costs of capital assets over their useful life. The accumulated depreciation amount is used to fund replacement and upgrades of those assets.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure City Water</p>	Existing	17,591,976	38,463,254	56,055,230
<p>Stormwater Utility Debt Service</p> <p>Principal and interest cost on Revenue Bonds issued to construct regional stormwater facilities in the Overlake and Downtown areas of the City.</p> <p>Project timeframe: 2014 - 2034</p>	<p align="center">Infrastructure Stormwater</p>	Existing	4,127,907	8,262,115	12,390,023

