
CAPITAL INVESTMENT PROGRAM

OVERVIEW
DOWNTOWN URBAN CENTER
OVERLAKE URBAN CENTER
REDMOND NEIGHBORHOODS
CITYWIDE

CIP OVERVIEW

CITY OF REDMOND

CAPITAL INVESTMENT PROGRAM OVERVIEW

The 2017-2022 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 looked beyond the six years in pursuit of synergy between the projects and the City’s vision and at the same time serves as an interface for planning, budgeting, investment and strategic action. The goal of the CIS is to provide a framework to align the City’s capital activities with Redmond’s 2030 Comprehensive Plan vision and span 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.

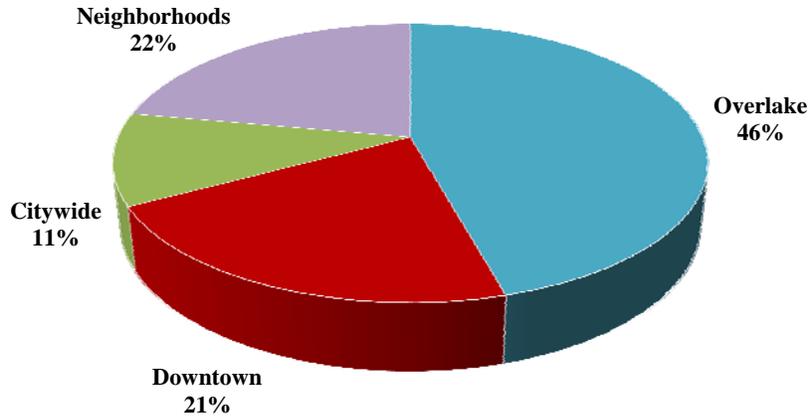
Specifically, the purpose of the CIS is to:

- Support the implementation of Redmond’s vision for a community of connected neighborhoods with vibrant urban centers – inspired by nature, powered by innovation and committed to excellence.
- 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 through 2030.
- Guide future decisions about priority infrastructure investments.
- Identify funding strategies.
- Monitor progress on delivering the capital improvement program.

The near-term portion of the CIS covers the same six-year period as the City’s capital improvement program within the biennial budget. Since 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.

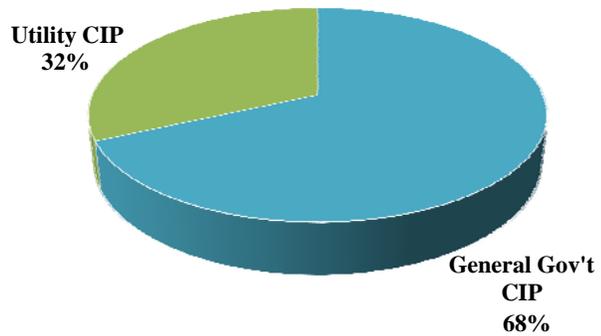
The City will continue to direct its limited resources, as well as federal and state funding, to those areas which are key to its future. The City of Redmond CIP is broken down into four sections – Downtown, Overlake, Redmond Neighborhoods and Citywide Projects which outline the long range plan for addressing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

2017-2018 Project Expenditures by Geographic Area
 Total \$132 million
(excluding ending fund balance, debt service and depreciation)



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

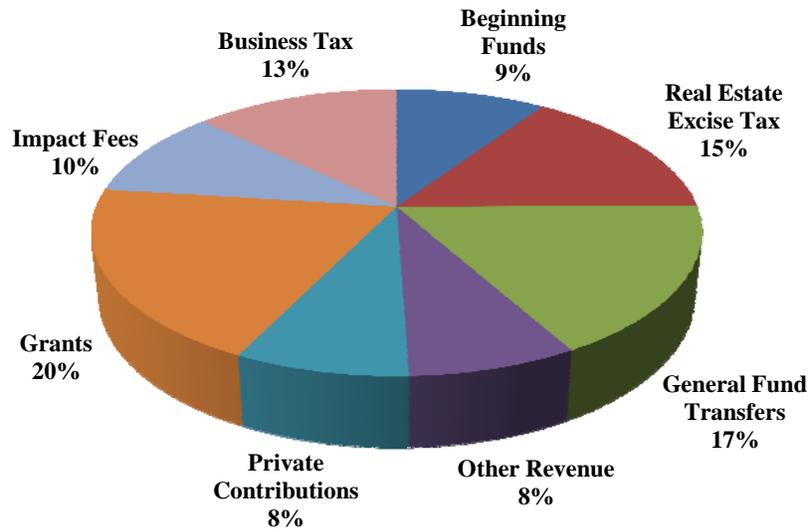
2017-2018 CIP Expenditures by Type
 Total \$132 million
(excluding ending fund balance, debt service and depreciation)



GENERAL CAPITAL INVESTMENT PROGRAM

Revenues in the General Capital Investment Program are projected to equal approximately \$193 million between 2017 and 2022, including beginning fund balances. This is approximately \$37 million above the 2015-2016 projections primarily due to private contributions and grant revenues supporting mobility improvements in the Overlake Urban Center as well as funds used to construct Downtown Park. The General CIP receives funds from a variety of sources as illustrated on the next page.

Total 2017-2022 General CIP Revenues
(\$193 million)



For the biennium, projected 2017-2018 General CIP expenditures total \$89.9 million, excluding ending fund balances and transfers. Some of the more significant projects programmed into the six-year CIP include:

- **Downtown Park** – During the next two years, the City will focus efforts to construct the Downtown Park. Construction of the park is scheduled to be complete in 2018.
- **Cleveland Street/Redmond Way One-Way Conversion** – With construction currently underway, the City will convert Cleveland Street and Redmond Way from one-way into two-way streets. The project will enhance the pedestrian environment and improve transportation connectivity through the City.
- **Connecting Washington** – The City is participating in a number of projects being supported by the Connecting Washington transportation package and being supplemented by private contributions. These projects are meant to improve safety and mobility and reduce congestion in the Overlake area. Specifically, the Washington State Department of Transportation (WSDOT) will build the 40th and 51st Ramp and the Overlake Access Ramp projects. In conjunction with Microsoft, the City will design and build street improvements on 31st and 51st for increased mobility purposes. Also a part of Redmond’s plan is the NE 40th Street Trail Grade Separation which will construct a grade separated pedestrian and bike tunnel for the SR 520 Regional Shared Use Path.
- **Public Safety Building Rehabilitation Phase 2**– Through 2015-2016 the Public Safety Building has gone through substantial renovations to extend the useful life of the building for another 30 years. Included in the 2017-2022 CIP is replacement of failing heat pumps as well as the completion of Phase II work in 2020. The Phase II project will encompass upgrades to electrical, fire and mechanical systems to meet current codes for energy efficiency, acoustics

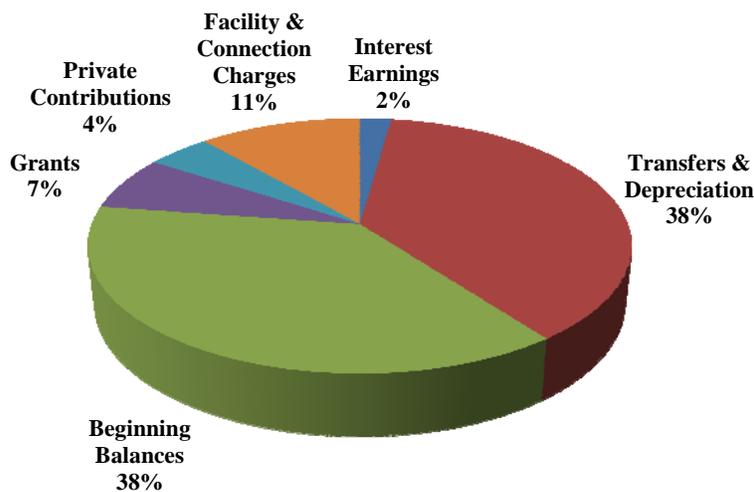
and seismic requirements. The project will also include enhancements to the building’s sub-drainage system to eliminate flooding in the building garage. .

- **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 Maintenance and Operations Center Master Plan and Facilities Strategic Management Plan which will address 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.
- **Customer Service Center** – In the 2015-2016 biennium, a cross-departmental process improvement team was brought together to study how to make City Hall facilities and operations more customer service friendly. Recommendations included providing a customer service center on the first floor of City Hall to engage customers when they enter the front doors. The recommendations encompassed staffing of the center as well as wayfinding within the City Hall building. Money has been set aside in near term CIP to begin first floor renovations to accommodate the Center and potential additional conferencing space.

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 \$ 129.6 million in revenue (including beginning fund balances) is being proposed in the 2017-2022 Utilities CIP. This is approximately \$18 million above budgeted levels in the 2015-2016 budget. The increase is attributable to grant funds for the Tosh Creek project, increased development revenues, private contributions and depreciation transfers for newly constructed regional stormwater facilities.

2017-2022 Revenues by Utility
(\$129.6 million)



Total 2017-2018 biennial expenditures in all five Utility CIP programs equal \$41.8 million (excluding ending fund balances), which is slightly (\$3 million) larger than budgeted amounts in 2015-2016. The increase is due to work on the Tosh Creek projects.

The Water, Wastewater and Stormwater CIPs are made up of projects that construct or improve the City's water, wastewater and stormwater infrastructure. In the Water CIP, projects focus on pumping, distribution and storage of the City's water supply. Stormwater projects include detention, water quality, conveyance, flooding, groundwater protection, as well as stream and habitat restoration and enhancement, while pump station improvements make up the majority of the Wastewater CIP.

The Utilities are a key part of realizing the vision for the City as evidenced by the projects described below.

- **Overlake Facility #2 Station Vault** – The Overlake Station Infiltration Vault is a regional stormwater facility that is the second 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 construct 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.
- **Wastewater Pump Stations Rehabilitations and Upgrades** - 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. The pump stations have been prioritized and construction will be completed in sequential order over the next six years.
- **Pressure Reducing Valve and Meter Vault** – The Pressure Reducing Valve and Meter Vault project will maintain water service levels by replacing aging or undersized pressure reducing valves and large meters and vaults that have reached the end of their useful life.

ESTIMATED MAINTENANCE AND OPERATION COSTS

On the following page is a summary of estimated maintenance and operation costs for the more significant CIP projects currently proposed. 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 2017-2022 Capital Investment Program

Assumed maintenance and operations costs begin in year following estimated completion and are included in the city's Long Range Planning.

Proposed CIP Project	Total Project Investment	Estimated Impact of Capital Investments on Operating Budget
<i>Downtown Urban Center</i>		
Downtown Park Design & Construction	\$32,211,275	\$185,000 per year for park operations and \$30,000 per year for pavilion operations and maintenance
Redmond Way and Cleveland Street Couplet Conversion	\$25,624,768	\$50,000 per year for traffic operations and maintenance and \$11,000 per year for landscape maintenance
Redmond Way Westbound Right Turn Lane	\$5,000,000	\$5,000 per year for traffic operations
Adaptive Signal Improvements - Phase 1	\$1,000,000	\$20,000 per year for software maintenance
Targeted Safety Improvement Project (TSIP) - mid-block crossing on 160th Avenue at Trader Joe's	\$109,000	\$2,180 per year
Targeted Safety Improvement Project (TSIP) - 81st and 161st Avenue NE mid-block crossing	\$144,000	\$2,880 per year
<i>Overlake Urban Center</i>		
Tosh Creek Onyx Pond Retrofit	\$2,867,000	\$3,000 per year
Tosh Creek 159th Street Vault	\$8,502,000	\$25,000 per year (under review)
Overlake Stormwater Facilities - Station Vault	\$10,400,000	\$50,000 per year
Overlake Village Station Pedestrian - Bicycle Bridge	\$3,769,679	\$10,000 per year
Redmond Technology Center Station Pedestrian - Bicycle Bridge	Developer Funded	\$10,000 per year
152nd Avenue NE Improvements (24th to 26th Streets)	\$14,000,000	Approximately \$180,000 per year (under review)
NE 40th Street Shared Use Path, 156th Avenue to 163rd Avenue	\$1,000,000	Approximately \$20,000 per year (under review)

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

Notes:

Estimates provided by departments in 2017-2022 Capital Investment Program

Assumed maintenance and operations costs begin in year following estimated completion and are included in the city's Long Range Planning.

Proposed CIP Project	Total Project Investment	Estimated Impact of Capital Investments on Operating Budget
<i>Overlake Urban Center</i>		
Targeted Safety Improvement Project (TSIP) - Pedestrian Crossing at 156th Avenue and 45th Street	\$333,000	\$6,660 per year
<i>Redmond Neighborhoods</i>		
Redmond Central Connector - Phase 2	\$6,410,998	\$13,000 per year for park operations and maintenance
NE 76th Street Groundwater Protection	\$1,050,000	\$2,000 per year for filterra and bioretention
Safe Routes to School Red-Wood Sidewalk and Slope Stabilization and 134th Street Sidewalk Improvements	\$2,750,000	Approximately \$52,000 per year (under review)
NE 116th Street Widening Phase 2	\$3,000,000	\$10,000 in traffic operations
Targeted Safety Improvement Project (TSIP) - Willows at 91st Street	\$250,000	\$2,880 per year
Targeted Safety Improvement Project (TSIP) - Dynamic Curve Warning - 3800 West Lake Sammamish Parkway (WLSPP) block crossing	\$25,000	\$500 per year
Targeted Safety Improvement Project (TSIP) - Willows Run Golf Course mid-block crossing	\$333,000	\$6,660 per year
Targeted Safety Improvement Project (TSIP) - Pedestrian Crossing and 116th Street and 159th Avenue	\$225,000	\$4,500 per year
Neighborhood Traffic Calming	\$600,000	Approximately \$10,000 per year

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

Notes:

Estimates provided by departments in 2017-2022 Capital Investment Program

Assumed maintenance and operations costs begin in year following estimated completion and are included in the city's Long Range Planning.

Proposed CIP Project	Total Project Investment	Estimated Impact of Capital Investments on Operating Budget
<i>Citywide Projects</i>		
140th Avenue Sidewalk Redmond Way to 84th Street - Pedestrian Project	\$110,000	Approximately \$2,200 per year (under review)
Channelization Program	\$450,000	Approximately \$10,000 per year
176th Avenue NE from 65th Street to 70th Street - Pedestrian Project	\$350,000	Approximately \$7,000 per year (under review)
Redmond Central Connector Trail at 168th Avenue	\$70,000	Approximately \$1,400 per year (under review)

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/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 2017-2022 Capital Investment Program (CIP) period, the City and its partners will:

- Construct the Redmond Way and Cleveland Street one-way to two-way conversion
- Complete construction of the Downtown Park
- Cleveland Street sidewalks
- Adaptive signal improvements

Outcomes: The Return on Investment

At the end of the 2017-2022 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's 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.

2017 - 2022 Capital Investment Program

Downtown Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
95	<p>Parks Infrastructure Project - Adair House Repairs</p> <p>Replace the kitchen and remodel the restroom in Anderson Park Adair cabin.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 70,000	\$ 70,000
78	<p>Avondale Way Sidewalk Replacement</p> <p>Replace existing sidewalk on the southeast side that has been severely damaged by tree roots lifting the sidewalk.</p> <p>Project timeframe: 2020 - 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 900,000	\$ 900,000
N/A	<p>City Center Groundwater Protection - 90th Street Pond Retrofit</p> <p>Construct improvements to address existing 90th Street pond subsidence, basin water quality issues and ravine erosion, as well as accommodate untreated stormwater.</p> <p>Project timeframe: 2015 - 2019</p>	<p>Clean and Green</p> <p>Stormwater</p>	Existing	\$ 1,385,000	\$ 124,000	\$ 1,674,000
40	<p>Cleveland Street Sidewalk Rehabilitation 164th Avenue to 168th Avenue NE</p> <p>Replace broken and heaved sidewalk panels on Cleveland Street to provide safe and passable conditions for pedestrians.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 1,300,000	\$ 1,300,000
N/A	<p>Downtown Groundwater Network Enhancements</p> <p>Installation of groundwater monitoring wells to pursue activation of clean-up sites in Downtown and support modeling of the drinking water aquifer.</p> <p>Project timeframe: 2017 - 2018</p>	<p>Clean and Green</p> <p>Water</p>	Existing	\$ 75,000	\$ 0	\$ 75,000

2017 - 2022 Capital Investment Program

Downtown Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
14	<p>Redmond Way and Cleveland Street Couplet Conversion - Transportation</p> <p>Conversion of Redmond Way and Cleveland Street from one-way to two-way streets. Includes reconstruction of all intersections and traffic signals to provide for an enhanced pedestrian environment. The project also includes a westbound Business Access and Transit (BAT) lane from Avondale Way about 1,000 feet to the east.</p> <p>Project timeframe: 2011 - 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 9,040,164	\$ 0	\$25,624,764
16	<p>Redmond Way and Cleveland Street Couplet Conversion - Wastewater</p> <p>Replacement of existing undersized wastewater pipes and pipes that are not ductile iron in locations being impacted by the construction of the Couplet Conversion project.</p> <p>Project timeframe: 2012 - 2018</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 30,000	\$ 0	\$ 210,000
17	<p>Redmond Way and Cleveland Street Couplet Conversion - Stormwater</p> <p>Replacement of existing undersized stormwater pipe and pipe in poor condition in locations being impacted by the construction of the Couplet Conversion project.</p> <p>Project timeframe: 2012 - 2018</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 24,000	\$ 0	\$ 155,000
18	<p>Redmond Way and Cleveland Street Couplet Conversion - Water</p> <p>Replacement of existing undersized water pipes and pipes that are not ductile iron in locations being impacted by the construction of the Couplet Conversion project.</p> <p>Project timeframe: 2012 - 2018</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 80,000	\$ 0	\$ 980,000

2017 - 2022 Capital Investment Program

Downtown Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
N/A	<p>Adaptive Signal Improvements - Phase 1</p> <p>Optimize signal timings automatically cycle to cycle within a network to make improvements to traffic flow in the order of 3% - 30% for a particular corridor or network of signals. Phase 1 is for approximately 40 signals in Downtown and will mitigate some of roadway efficiency lost by the Couplet Conversion project. Currently, signal timings are adjusted every 4 to 6 years and are always the same for a given day of week and time of day. This system would optimize timings every 60 seconds.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 800,000	200,000	\$ 1,000,000
86	<p>Public Safety Building Upgrades - Phase 2</p> <p>The Public Safety Building Improvement Phase 2 project continues comprehensive building repairs and upgrades to extend the service life of the building for thirty years. The upgrades include electrical, fire and mechanical systems to meet current codes for energy efficiency, acoustics and seismic requirements. The project also includes enhancements to the building's sub-drainage system to eliminate flooding in the building garage.</p> <p>Project timeframe: 2017 - 2021</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	New	\$ 900,000	\$10,200,000	11,100,000
N/A	<p>Aquatics and Recreation Building - Planning</p> <p>Public outreach to determine support for renovating and/or building a recreation facility is currently underway. If it is determined that the public supports moving forward, the City will continue planning for recreation and aquatic building needs by engaging the community in discussions about scope, scale, location and cost. This work will also include evaluating sites, creating architectural concepts for preferred locations and developing operation plans.</p> <p>Project timeframe: 2017 - 2018</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 355,000	\$ 0	\$ 355,000
149	<p>Redmond Way Westbound Right Turn Lane</p> <p>Construct portions of right turn lane along Redmond Way not completed by adjacent developments.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 5,000,000	\$ 5,000,000

2017 - 2022 Capital Investment Program

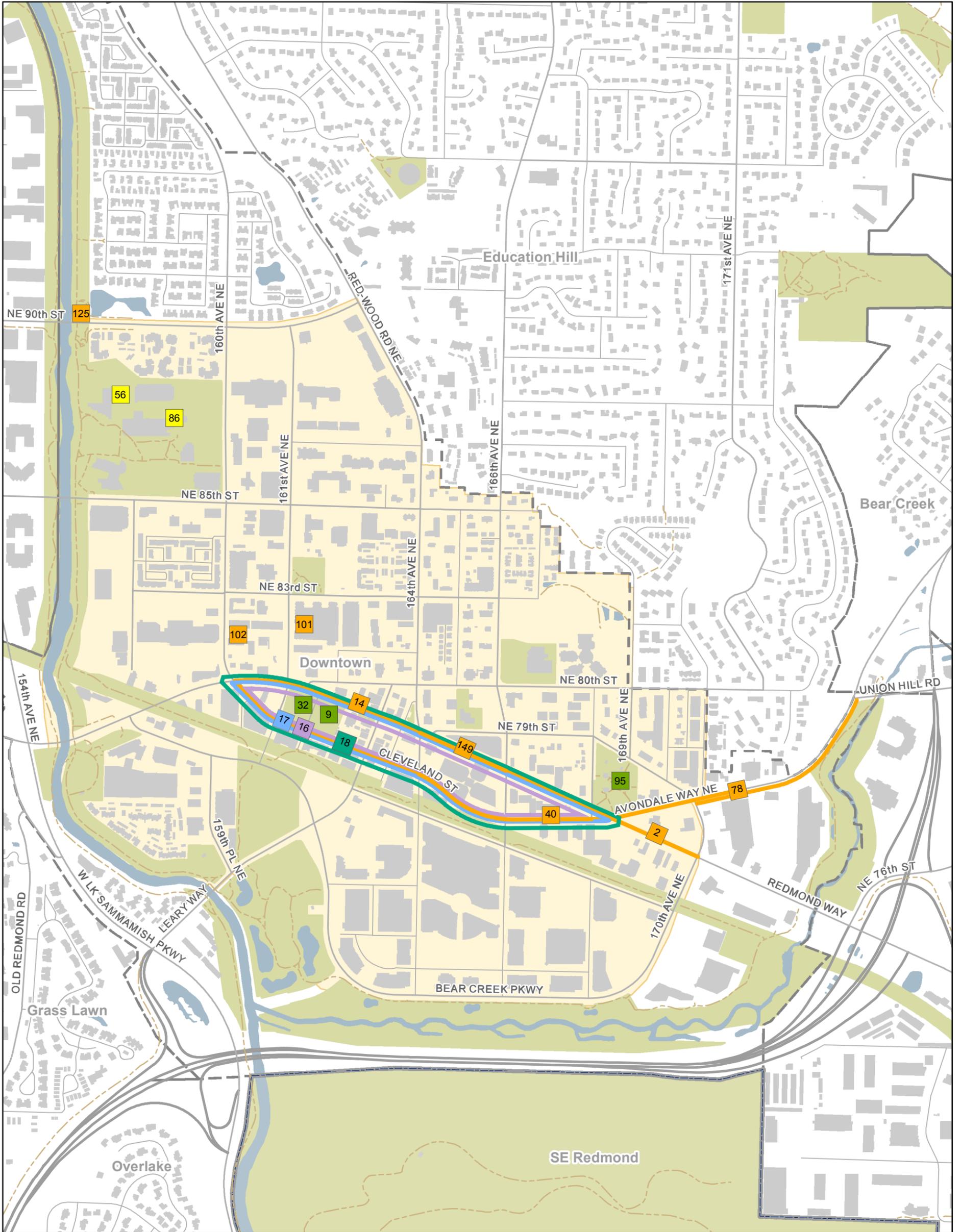
Downtown Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
56	<p>Senior Center Building Repairs</p> <p>Repair the Senior Center building envelope and roof.</p> <p>Project timeframe: 2017 - 2019</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 420,000	\$ 1,680,000	\$ 2,100,000
101	<p>Targeted Safety Improvement Project (TSIP) - 81st and 161st Avenue NE mid-block crossing</p> <p>Provide a pedestrian crossing on 161st Avenue NE at approximately the 8100 block.</p> <p>Project timeframe: 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 144,000	\$ 0	\$ 144,000
102	<p>Targeted Safety Improvement Project (TSIP) - mid-block crossing on 160th Avenue and Trader Joe's</p> <p>Provide an enhanced pedestrian crossing of 160st Avenue NE at the Trader Joe's crossing. Improvements include a rectangular rapid flashing beacon and upgrades to street lighting.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 0	\$ 109,000	\$ 109,000
32	<p>Downtown Park</p> <p>Construct the Redmond 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: 2015 - 2018</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	Existing	\$13,100,000	\$ 0	\$32,211,275
9	<p>Downtown Park Debt Service</p> <p>Principal and interest cost on the Limited Tax General Obligation Bonds issued for the acquisition of the Downtown Park. Total Project Investment represents the cost during the six year period.</p> <p>Project timeframe: 2012 - 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	Existing	\$ 1,796,176	2,692,639	4,488,815

2017 - 2022 Capital Investment Program

Downtown Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
2	<p>Transportation Debt Service</p> <p>Principal and Interest cost on the Limited Tax General Obligation Bonds issued for the Couplet Conversion and 161st Extension projects. Total Project Investment represents the cost during the six year period.</p> <p>Project timeframe: 2016 - 2035</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 1,134,550	\$ 2,262,466	\$ 3,397,016
125	<p>NE 90th Street Bridge Deck Rehabilitation</p> <p>Reseal concrete bridge deck with epoxy overlay.</p> <p>Project timeframe: 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 170,000	\$ 170,000
158	<p>Connection to King County - Avondale Way</p> <p>The Avondale Way wastewater trunk is at capacity and needs upsizing.</p> <p>Project timeframe: 2022 - 2023</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 150,000	\$ 750,000



Projects

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



**Capital Investment Projects
2017 - 2022
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 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, two of which also serve as regional stormwater management facilities 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 2017-2022 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

In implementing this strategy, the City and its partners will serve the following customers:

- Residents by investing in existing and new infrastructure to maintain the high quality of life that Redmond residents expect
- Businesses by investing in infrastructure design and construction to support growth, by improving mobility for employees and customers and paving the way for economic development
- Visitors and the community at large by partnering with other agencies and the private sector to deliver a lively, attractive and successful Overlake neighborhood

Outcomes: The Return on Investment

At the end of the 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 on its way to completing two light rail stations and associated pedestrian-bicycle bridges while the City and its partners will have advanced mobility improvements and local street connection.
- **Environment:** City investments in stormwater infrastructure will and have already dramatically improved downstream conditions in Kelsey Creek; the retrofit of the Tosh Creek basin will be

nearing completion, 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 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 invested 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.

2017 - 2022 Capital Investment Program

Overlake Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
12	<p>Overlake Stormwater Facilities - Station Vault</p> <p>Construct a large regional stormwater infiltration vault at the Overlake Village light rail station. To be built by Sound Transit as part of their station construction.</p> <p>Project timeframe: 2013 - 2017</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 6,000,000	\$ 0	\$ 10,400,000
13	<p>Overlake Village Station Pedestrian - Bicycle Bridge</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 and Growth</p> <p>Transportation</p>	Existing	\$ 1,989,312	\$ 703,774	\$ 3,769,679
31	<p>Overlake Access Ramp</p> <p>Staff oversight and participation in the design of an eastbound off-ramp and local streets from State Route 520 to 152nd Avenue NE. The State funded project will provide direct access to Overlake Village from State Route 520 and is a key element of the development strategy for the Overlake area.</p> <p>Project timeframe: 2010 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 100,000	\$ 102,975	\$ 500,000
89 134 135 87	<p>Tosh Creek - Rehabilitation</p> <p>Install flow control and water quality treatment in the contributing drainage area as part of rehabilitating Tosh Creek upstream of West Lake Sammamish Parkway. The Tosh Creek Watershed Restoration Plan (February 2015) identified general flow control and water quality needs, but specific projects will be selected and sited following outreach with the local neighborhood and other impacted residents. Potential projects include:</p> <ul style="list-style-type: none"> - Onyx Pond Retrofit - Stream Rehabilitation - 156th Avenue NE Flow Splitter - 159th Avenue Vault <p>Project timeframe: 2015 - 2022</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	8,280,102	3,347,700	\$ 12,885,000

2017 - 2022 Capital Investment Program

Overlake Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
132	<p>Tosh Creek - Prescott Vault Retrofit</p> <p>Replace the existing vault in the cul-de-sac at the Prescott plat with a larger concrete vault providing additional flow control.</p> <p>Project timeframe: 2015 - 2022</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 0	\$ 2,913,000	\$ 3,013,000
11	<p>Redmond Technology Center Station Pedestrian - Bicycle Bridge</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 light rail station at Redmond Technology Center Station (Overlake Transit Center Station).</p> <p>Project timeframe: 2017 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 112,200	\$ 52,800	\$ 198,000
29	<p>State Route 520, 40th Street and 51st Street, Eastbound Ramp Re-configuration and Pedestrian Improvements</p> <p>Separate existing eastbound State Route 520 collector-distributor lanes at NE 40th Street and NE 51st Street into two independent interchange ramps. Provide pedestrian safety improvements to the eastbound off-ramp at 40th Street and two 51st Street ramps</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 4,415,760	\$ 0	\$ 4,832,760
35	<p>NE 31st Street Multimodal Improvements</p> <p>Improve NE 31st Street between 152nd Avenue NE and 156th Avenue NE. Construct additional westbound left-turn lane and eastbound right-turn lane at the intersection with 156th Avenue NE.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 7,418,000	\$ 0	\$ 7,502,000
36	<p>NE 51st Street Multimodal Improvements</p> <p>Improve NE 51st Street to include reconstruction of the existing sidewalk on south side, and the addition of turn lanes and bike facilities in both directions.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 8,590,000	\$ 0	\$ 8,716,000

2017 - 2022 Capital Investment Program

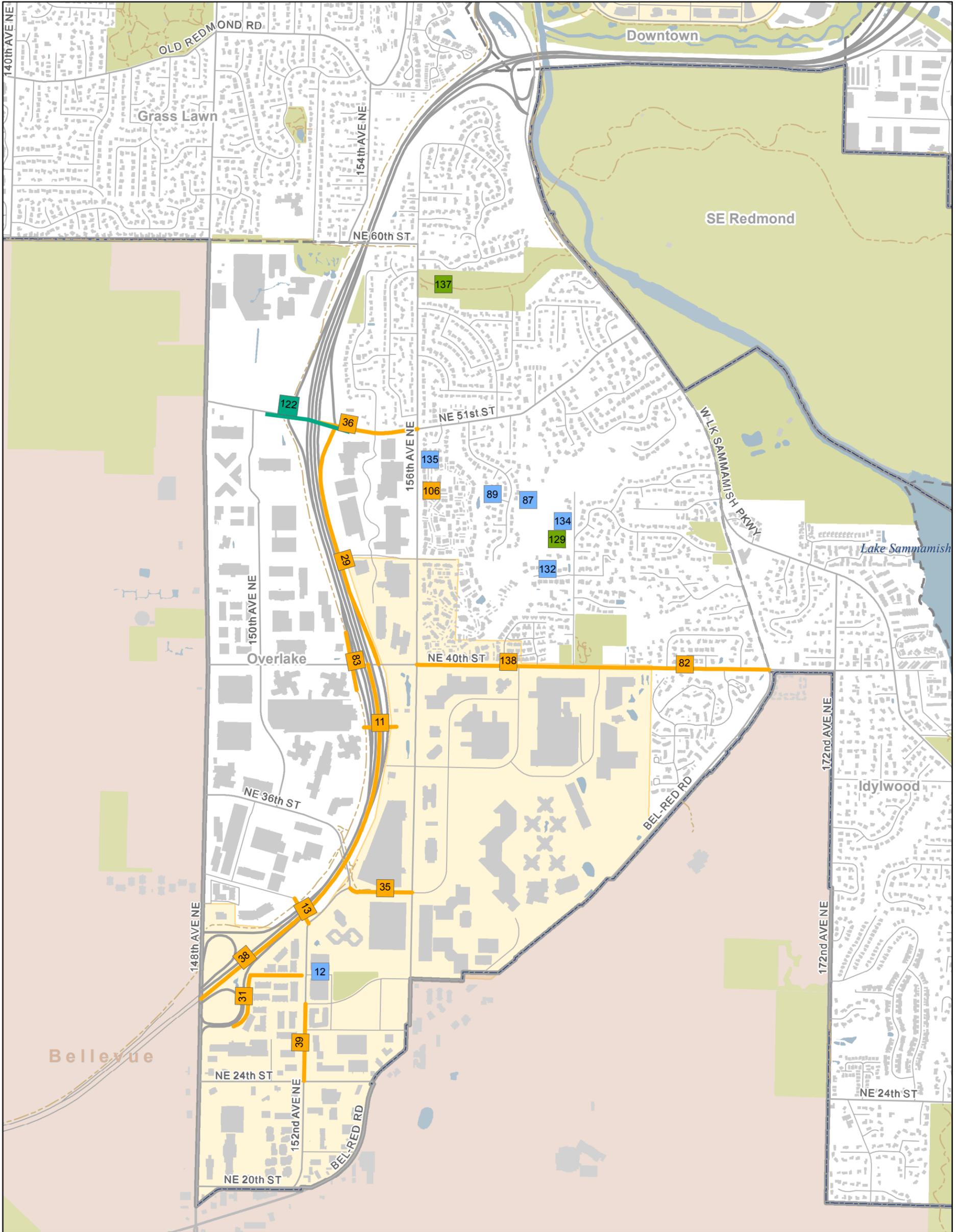
Overlake Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
38	<p>Sound Transit East Link - ST3</p> <p>Staff oversight and participation in implementing the East Link light rail extension to Downtown Redmond. Sound Transit (ST) 2 is currently designing the extension of light rail from Downtown Seattle to the two stations (Overlake Village Station and the Redmond Technology Center Station) in Redmond's Overlake urban center. The City's key interest areas include station access (e.g. pedestrian and bike facilities, additional street and access connections and transit), station design and integration with future development.</p> <p>Project timeframe: 2011 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 150,000	\$ 100,000	\$ 250,000
39	<p>152nd Avenue NE Improvements (24th to 26th Streets)</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. The project ties into Esterra Park improvements underway on the east side and future development on the west side, north of 26th Street.</p> <p>Project timeframe: 2015 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	5,983,000	7,600,000	\$ 14,000,000
122	<p>NE 51st Street Crossing of State Route 520</p> <p>New waterline under State Route 520 to replace the existing water line that will be impacted by Sound Transit's light rail project.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 50,000	\$ 1,500,000	\$ 1,550,000
129	<p>Trail Development Project - Tosh Creek at Overlake</p> <p>Provides soft surface walking paths through a natural area for recreational use.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 270,000	\$ 270,000
137	<p>Westside Park Playground Replacement</p> <p>Replace the existing playground, relocating it to a sunny area and build a connecting path.</p> <p>Project timeframe: 2020 - 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 507,000	\$ 507,000

2017 - 2022 Capital Investment Program

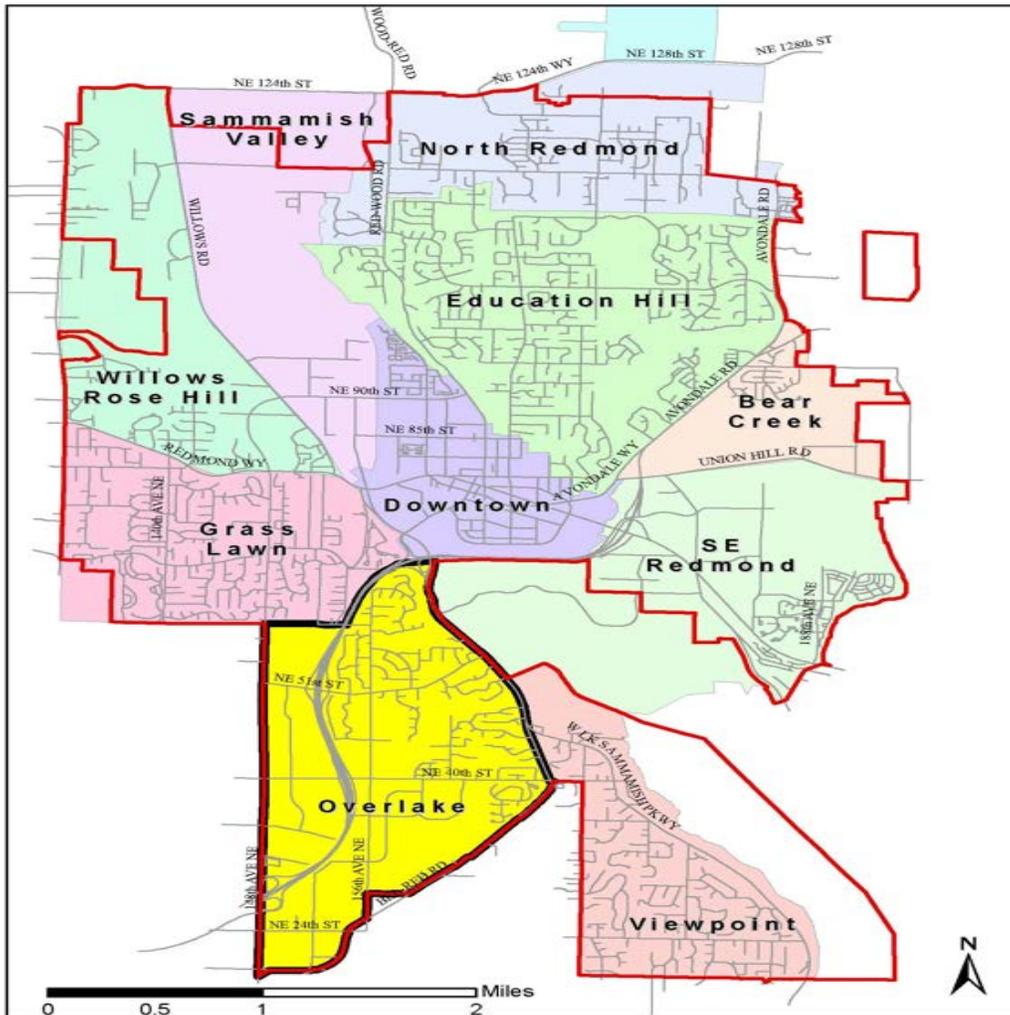
Overlake Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
138	<p>NE 40th Street Shared Use Path, 156th Avenue to 163rd Avenue</p> <p>Shared use path (pedestrians and bicyclists) on south side of NE 40th Street between 156th Avenue NE and 163rd Avenue NE. Replaces an existing 8 foot path on the south side with a 12 foot to 14 foot shared path which eliminates the need to widen 40th Street to install bike lanes. The project is one component providing bicycle facilities from Idylwood neighborhood up to the Overlake urban center.</p> <p>Project timeframe: 2019 - 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 1,000,000	\$ 1,000,000
106	<p>Targeted Safety Improvement Project (TSIP) - Pedestrian Crossing at the 4700 block of 156th Avenue NE</p> <p>Provide a pedestrian crossing of 156th Avenue NE at approximately 4700 block. A High-Intensity Activated crossWalk beacons (HAWK) signal is proposed.</p> <p>Project timeframe: 2020 - 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 333,000	\$ 333,000
83	<p>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 the west leg of the NE 40th Street and State Route 520 westbound ramp terminal intersection.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 10,750,000	\$ 0	\$ 10,750,000
82	<p>NE 40th Sidewalk Replacement - 163rd Avenue to Bel-Red Road</p> <p>Replace existing sidewalk and adjacent walls that have been severely damaged by tree roots lifting the curbs and sidewalk.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 1,300,000	\$ 1,300,000



Projects			 <p>Capital Investment Projects 2017 - 2022 Overlake</p>  
	Parks		
	Stormwater		
	Transportation		
	Wastewater		
	Water		
	General Government		

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 2017-2022 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 II 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 2017-2022 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 Mackey Creek rehabilitation 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.

2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
N/A	<p>Neighborhood Fund</p> <p>Includes the Neighborhood Spotlight Program, which is used primarily to combine neighborhood projects with City CIP projects, as well as the Neighborhood Matching Grant Fund, which allows small grants of up to \$5,000 for neighborhood improvements.</p> <p>Project timeframe: Ongoing</p>	<p>Community Building</p> <p>General Government</p>	Existing	\$ 53,090	\$ 0	\$ 53,090
B23	<p>NE 95th Street Bridge Replacement - Design</p> <p>Preliminary design and construction drawings for eventual replacement of the bridge.</p> <p>Project timeframe: 2014 - 2024</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 0	\$ 1,200,000	\$ 1,285,000
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 - 2018</p>	<p>Clean and Green</p> <p>Stormwater</p>	Existing	\$ 451,640	\$ 0	\$ 550,000
GL120	<p>Parks Hardscape Replacement Project - Grass Lawn Parking Lot</p> <p>Renovate the 148th Avenue NE parking lot and associated landscaping at Grass Lawn Park.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 135,000	\$ 135,000
N/A	<p>Parks Hardscape Replacement Project - Pathways and Fencing</p> <p>Pathway repairs at Grass Lawn Park, Cascade View Park, Hartman Park and Farrel-McWhirter Park as well as fence repairs at Hartman Park.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	85,000	\$ 85,000

2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
N/A	<p>Joint Use Water Facilities - Bellevue</p> <p>Redmond is a joint owner of several water facilities with the City of Bellevue. The NE 40th Street Tank rehabilitation is a part of the Bellevue Water System plan. Redmond will participate financially and programmatically as a joint owner on the Bellevue project.</p> <p>Project timeframe: 2016 - 2017</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 50,000	\$ 0	\$ 100,000
N/A	<p>Joint Use Water Facilities - Kirkland</p> <p>Redmond is a joint owner of several water facilities with the City of Kirkland. Rosehill Supply Station 3 Improvements, Water System Security Improvements, and the North Rosehill Booster Pump Station Replacement are a part of the Kirkland Water System plan. Redmond will participate financially and programmatically as a joint owner on the Kirkland projects.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 510,000	\$ 0	\$ 652,580
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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls and accessory equipment.</p> <p>Project timeframe: 2012 - 2019</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 2,115,000	\$ 250,000	\$ 4,500,000
SV46	<p>Pump Station 14 - Abandonment</p> <p>Abandon pump station by extending approximately 500 lineal feet of gravity main from NE 89th Court to 133rd Court NE.</p> <p>Project timeframe: 2012 - 2020</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 50,000	\$ 560,495	\$ 825,000

2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2012 - 2021</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 111,250	\$ 1,471,355	\$ 1,850,000
148	<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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 1,850,000	\$ 1,850,000
149	<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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2018 - 2020</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 1,850,000	\$ 1,850,000
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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2019 - 2022</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 1,850,000	\$ 1,850,000

2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
I51	<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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2019 - 2019</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 1,684,293	\$ 100,000	\$ 2,150,000
SE52	<p>Pump Station 13 - 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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 3,500,000	\$ 3,500,000
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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2012 - 2017</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 2,100,000	\$ 0	\$ 3,500,000
B21	<p>Pump Station 10 - 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. The work includes the installation of new wet well and vaults and complete replacement of pumps, motors, valves, controls, generators and all accessory equipment.</p> <p>Project timeframe: 2016 - 2017</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 200,000	\$ 0	\$ 1,850,000

2017 - 2022 Capital Investment Program

Neighborhood Projects

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SE108	<p>SE Redmond Booster Pump Station Refurbishment</p> <p>Replacement of pump components, variable frequency drives, telemetry system, control panel and address building deficiencies.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 0	\$ 1,000,000	\$ 1,000,000
NR19	<p>Education Hill 565 Zone Improvements</p> <p>Expand the existing 565 pressure zone to improve service pressures and fire flows in high elevation area.</p> <p>Project timeframe: 2013 - 2017</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 1,050,000	\$ 0	\$ 2,700,000
NR113	<p>Hartman Park Artificial Turf Replacement</p> <p>The Hartman Park fields 5 and 6 have reached the end of their useful lives and are due for replacement in 2019 in order to meet safety standards and demand for field space.</p> <p>Project timeframe: 2020 - 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 925,000	\$ 925,000
NR79	<p>Smith Woods Stream and Pond Rehabilitation</p> <p>Joint project with Stormwater and Parks, which will construct improvements to the failing pond outlet structure and provide downstream infrastructure and healthy habitat. Work will be planned in coordination with the Monticello Basin Plan.</p> <p>Project timeframe: 2020 - 2021</p>	<p>Clean and Green/Infrastructure and Growth</p> <p>Stormwater/Parks</p>	New	\$ 0	\$ 478,000	\$ 478,000
SE25	<p>Trinity Building - Upgrades</p> <p>Upgrades to the Trinity Building at the Maintenance and Operations Center to accommodate staff and equipment storage. Includes improvements to fire separation, exhaust system, fire suppression and network upgrades. The upgrade will allow for the storage of essential response vehicles including snow and ice equipment, combination vacuum trucks, hydro Jet trucks and sweepers.</p> <p>Project timeframe: 2016 - 2017</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 1,850,000	\$ 0	\$ 2,000,000

2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
NR59	<p>Safe Routes to School Red-Wood Road Sidewalk and Slope Stabilization (South of 109th Street); 134th Street Sidewalk Improvement</p> <p>Complete sidewalk and bike shoulder gaps on the west side of Red-Wood Road south of NE 109th Street by stabilizing roadway slopes and constructing sidewalks and shoulders to create wider bike lane. The project will provide a continuous safe school walk route and safe bike facility from Education Hill to Downtown, in addition, complete sidewalk on 134th Avenue between 75th Street and 80th Street to provide a school walk route</p> <p>Project timeframe: 2016 - 2018</p>	Infrastructure and Growth Transportation	Existing	\$ 2,450,000	\$ 0	\$ 2,750,000
SV27	<p>Redmond Central Connector - Phase 2</p> <p>Implements the Downtown Transportation Master Plan and a key element of the Parks, Arts, Recreation, Culture and Conservation Plan. Constructs 1.3 miles of hard-surfaced trail along the former Burlington Northern Santa Fe railroad corridor, connecting the Willows corridor to Downtown. The trail will have side trails and street connections, create park spaces, include integrated art and will be based on the Redmond Central Connector Master Plan.</p> <p>Project timeframe: 2013 - 2017</p>	Infrastructure and Growth Transportation	Existing	\$ 200,000	\$ 0	6,410,998
SE130	<p>Union Hill Bridge Deck Rehabilitation</p> <p>Reseal concrete bridge deck with epoxy overlay.</p> <p>Project timeframe: 2019</p>	Infrastructure and Growth Transportation	New	\$ 0	\$ 150,000	\$ 150,000
SE143	<p>Redmond Way and East Lake Sammamish Parkway Intersection Improvements</p> <p>At Redmond Way and East Lake Sammamish Parkway, increase capacity by physically separating eastbound right lanes from westbound left lanes and convert northbound triple left turn lanes (on East Lake Sammamish Parkway) to two left turn lanes and one through lane to better spread traffic between the three lanes. Revise pedestrian crossing to provide one crossing at each leg of the intersection.</p> <p>Project timeframe: 2019</p>	Infrastructure and Growth Transportation	New	\$ 0	\$ 700,000	\$ 700,000

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Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
NR140	<p>Monticello Creek Flow Control, Low Impact Development and Water Quality Treatment Plan</p> <p>Complete preliminary design and install flow control and water quality controls in the contributing drainage area as part of efforts to rehabilitate the Monticello Creek.</p> <p>Project timeframe: 2014 - 2017</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 130,000	\$ 0	\$ 500,000
SV151	<p>Redmond Way - 147th Sewer Main to King County Trunk</p> <p>The wastewater pipe in this area is undersized to accommodate growth at build-out and needs to be upsized.</p> <p>Project timeframe: 2022 - 2023</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 0	\$ 300,000	\$ 1,500,000
NR144	<p>NE 116th Street Widening Phase 2</p> <p>Complete three missing sections of multimodal street improvements on the south side of NE 116th Street, including church frontage east of Red-Wood Road, frontage of existing Chardonnay Plat, and wetland section between 176th Street and 178th Street.</p> <p>Project timeframe: 2021 - 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 3,000,000	\$ 3,000,000
B33	<p>Bear Creek Rehabilitation at Keller Farm</p> <p>Preliminary design for in-stream and habitat restoration between Union Hill Road and 180th in partnership with the wetland mitigation bank.</p> <p>Project timeframe: 2017 - 2018</p>	<p>Clean and Green</p> <p>Stormwater</p>	New	\$ 300,000	\$ 0	\$ 300,000
NR146	<p>High School Creek Flow Control, Low Impact Development and Water Quality Treatment</p> <p>Preliminary design of flow control and water quality controls in the contributing drainage area as part of efforts to rehabilitate the High School Creek.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 0	\$ 500,000	\$ 500,000

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Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
SE28	<p>NE 76th Street Groundwater Protection</p> <p>Plug infiltration pipes and construct water quality facilities to address infiltrated stormwater.</p> <p>Project timeframe: 2012 - 2019</p>	Clean and Green Stormwater	Existing	\$ 660,000	\$ 50,000	\$ 1,050,000
B150	<p>Mackey Creek Rehabilitation</p> <p>Add large woody debris to enhance in-stream complexity and improve fish passage at Mackey Creek.</p> <p>Project timeframe: 2014 - 2018</p>	Clean and Green Stormwater	Existing	\$ 470,000	\$ 0	\$ 820,000
NR30	<p>King County Sewer Relocation - NE 124th Street</p> <p>King County is replacing existing storm culverts under NE 124th Street. The City needs to relocate its sewer line to accommodate a King County project.</p> <p>Project timeframe: 2016 - 2018</p>	Infrastructure and Growth Wastewater	Existing	\$ 300,000	\$ 0	\$ 350,000
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. Establish adequate buffers, improve in-stream habitat which will allow for redevelopment of industrial properties currently impacted by the stream.</p> <p>Project timeframe: 2012 - 2021</p>	Clean and Green Stormwater	Existing	\$ 1,833,947	\$ 5,025,000	\$ 8,000,000
NR37	<p>9800 Red-Wood Road Culvert Replacement</p> <p>Slip line the culvert under Red-Wood Road near NE 98th Street and rebuild the ravine below the culvert that has experienced severe erosion.</p> <p>Project timeframe: 2016 - 2017</p>	Clean and Green Stormwater	New	\$ 475,000	\$ 0	\$ 525,000

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Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
I44	<p>West Lake Sammamish Parkway Manhole 2</p> <p>Install new manhole between Pump Stations 2 and 3. The addition of a manhole for access near the middle of this section improves the ability to keep the sewer pipe clear of blockages.</p> <p>Project timeframe: 2012 - 2017</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 50,000	\$ 0	\$ 2,550,000
SE58	<p>SE Redmond Tank Painting and Seismic Upgrades</p> <p>Painting and construction of seismic upgrades to meet the current earthquake code requirements.</p> <p>Project timeframe: 2018 - 2019</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 500,000	\$ 2,000,000	\$ 2,500,000
B90	<p>Perrigo Park Artificial Turf Replacement</p> <p>Perrigo Park synthetic turf fields have reached the end of their useful life and are due for replacement.</p> <p>Project timeframe: 2017 - 2018</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 2,220,000	\$ 0	\$ 2,220,000
SV97	<p>Willows Road Rehabilitation</p> <p>Rehabilitate and overlay pavement surface to extend useful life of roadway.</p> <p>Project timeframe: 2017 - 2019</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 800,000	\$ 3,200,000	\$ 4,000,000
SV98	<p>Willows Road Culvert Replacement</p> <p>Joint project with the Willows Road rehabilitation project to replace fish barrier culvert under Willows Road.</p> <p>Project timeframe: 2017 - 2019</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	New	\$ 400,000	\$ 1,600,000	\$ 2,000,000
N/A	<p>Novelty Hill Operations Center Valve Replacement</p> <p>Replacement of the water valves in the Novelty Hill Operations Center.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 900,000	\$ 0	\$ 1,000,000

2017 - 2022 Capital Investment Program

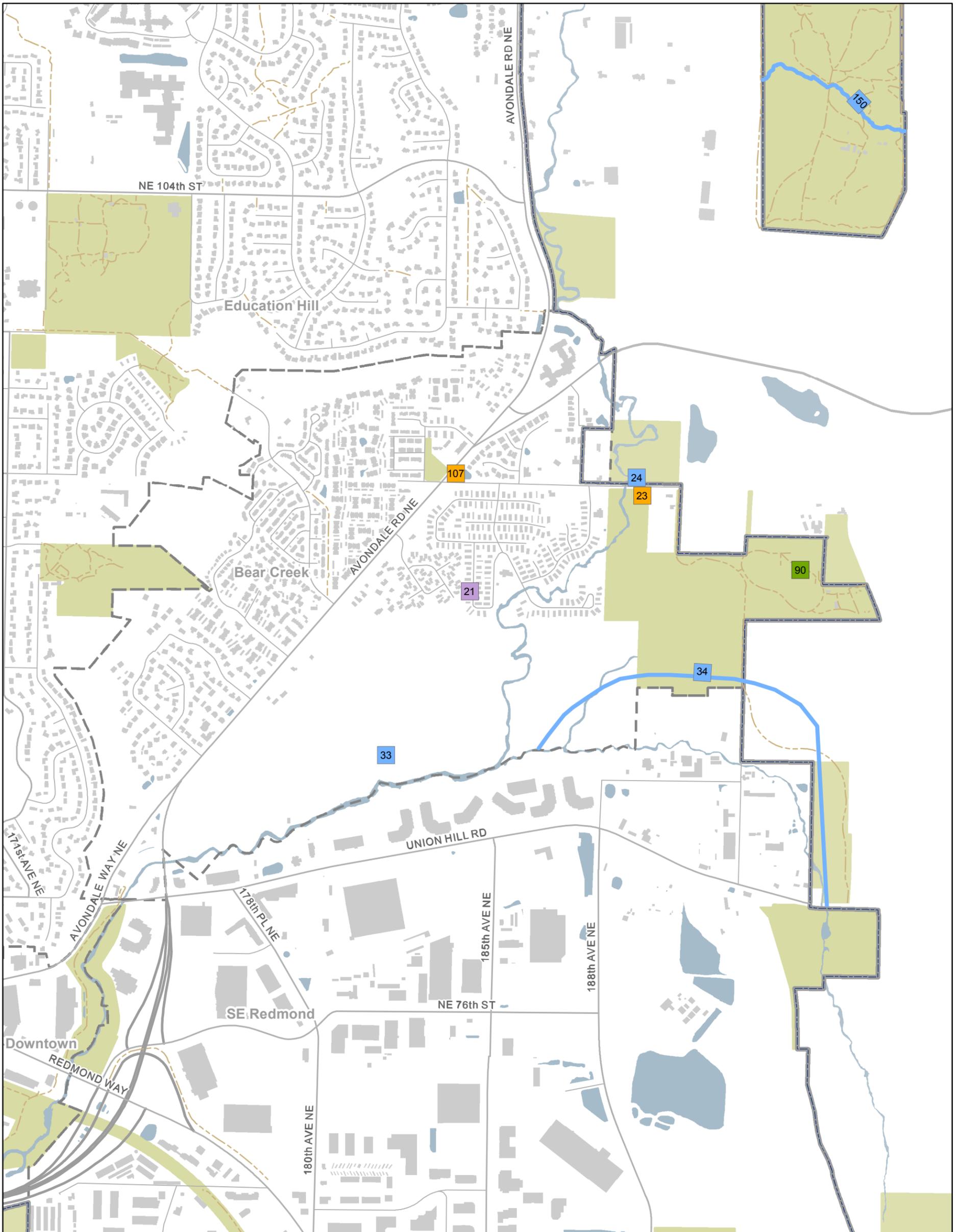
Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
NR85	<p>Pavement Management Project - 166th Avenue NE</p> <p>The Pavement Management project will rehabilitate and overlay the pavement surface to extend the useful life of the roadway on 166th Avenue NE from NE 85th Street to NE 102nd Street</p> <p>Project timeframe: 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 1,700,000	\$ 1,700,000
SV100	<p>Targeted Safety Improvement Project (TSIP) - Willows Road at NE 91st Street</p> <p>Realign intersection of NE 91st Street and Willows Road. Feasibility and design of intersection realignment has been completed</p> <p>Project timeframe: 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 250,000	\$ 250,000
I103	<p>Targeted Safety Improvement Project (TSIP) - Dynamic Curve Warning Signs - 3800 West Lake Sammamish Parkway (WLSP)</p> <p>Evaluate the need for dynamic curve warning signs on West Lake Sammamish Parkway between NE 38th and NE 40th Streets.</p> <p>Project timeframe: 2018</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 25,000	\$ 0	\$ 25,000
SV104	<p>Targeted Safety Improvement Project (TSIP) - Willows Run Golf Course mid-block crossing</p> <p>Provide a crosswalk marking and High-Intensity Activated crossWalk beacons (HAWK) pedestrian activated crossing near the Willows Run Golf Course and the office buildings to the west that are coordinated with the bus stops.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 0	\$ 333,000	\$ 333,000
B107	<p>Targeted Safety Improvement Project (TSIP) - Avondale Road at 95th Street</p> <p>Designs the realignment of the intersection to reduce the skew, adds a north leg crosswalk, eliminates split phasing and provides for southbound U turns. It also moves the signal pole off the island to the side of the road.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 250,000	\$ 250,000

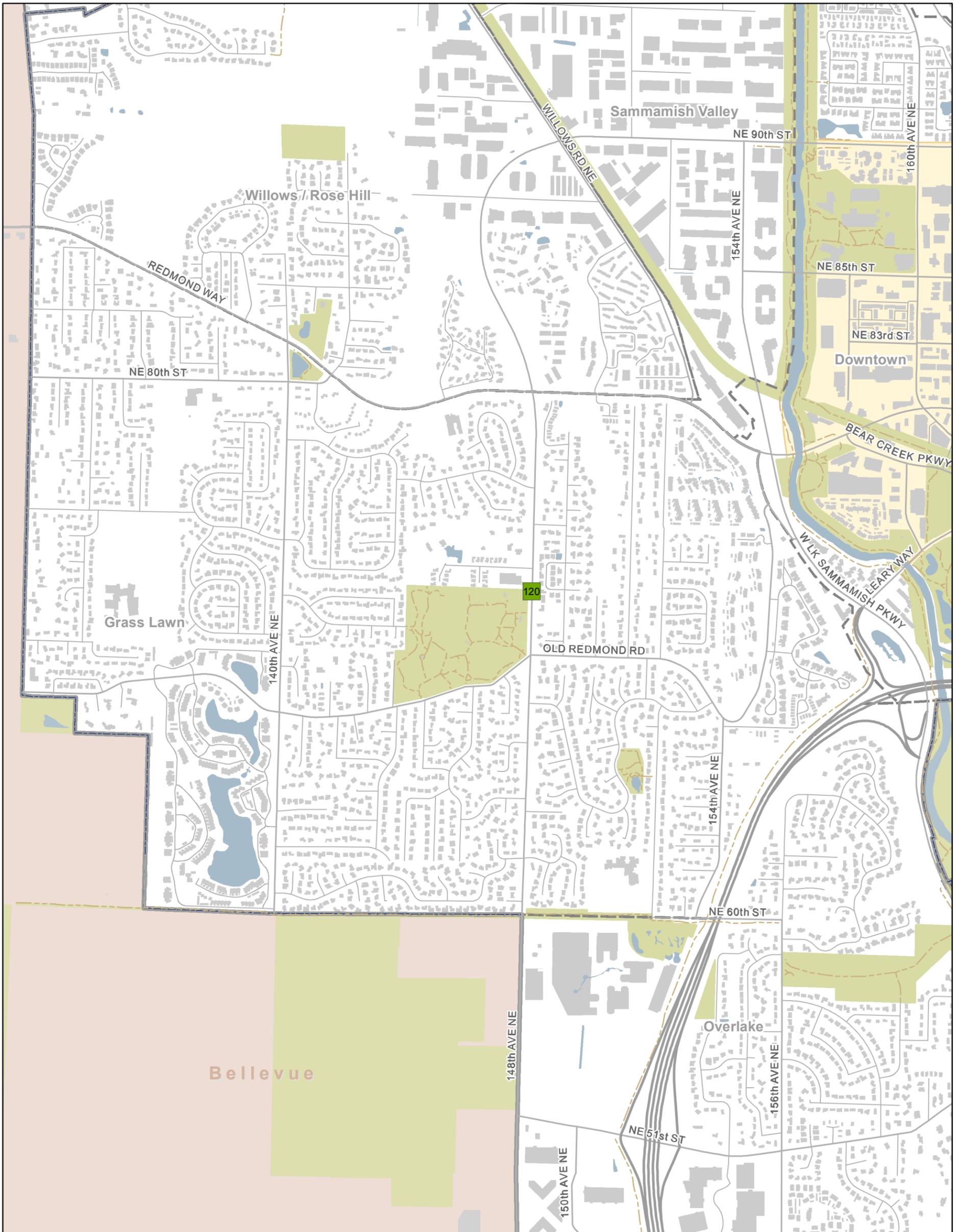
2017 - 2022 Capital Investment Program

Neighborhood Projects

Map #	Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
NR105	<p>Targeted Safety Improvement Project (TSIP) - Pedestrian Crossing 116th and 159th Streets</p> <p>Provide a mid block crossing for pedestrians near the path to Rockwell Elementary and coordinated with the bus stops.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 225,000	\$ 225,000
SV157	<p>Trail Development Project - Redmond Central Connector Connection to 90th Bike Link</p> <p>Provide a bike link on the Redmond Central Connector II trail from 90th Street.</p> <p>Project timeframe: 2017</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 40,000	\$ 0	\$ 40,000
I156	<p>NE 40th Street Stormwater Trunk Extension</p> <p>Construct approximately 1500 linear feet of new storm trunk on NE 40th Street from 172nd Avenue NE to an outfall at Lake Sammamish.</p> <p>Project timeframe: 2016 - 2018</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	New	\$ 4,800,000	\$ 0	\$ 5,000,000
SE141	<p>Redmond Way Bridge over Bear Creek Modifications</p> <p>Reconfigure bridge to add a second east-bound left turn lane by removing the sidewalk on the south side of bridge adding a separate pedestrian-bicycle bridge over Bear Creek. In addition, widen NE 76th Street to accept the dual left turns from Redmond Way. The pedestrian and bicycle bridge will provide a dual function to both replace the existing narrow walkway and accommodate a future connection between Bear Creek Trail and East Lake Sammamish Trail on the south side of State Route 520.</p> <p>Project timeframe: 2018 - 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 700,000	\$ 700,000



Projects			 <p>Capital Investment Projects 2017 - 2022 Bear Creek</p>  
	Parks		
	Stormwater		
	Transportation		
	Wastewater		
	Water		
	General Government		



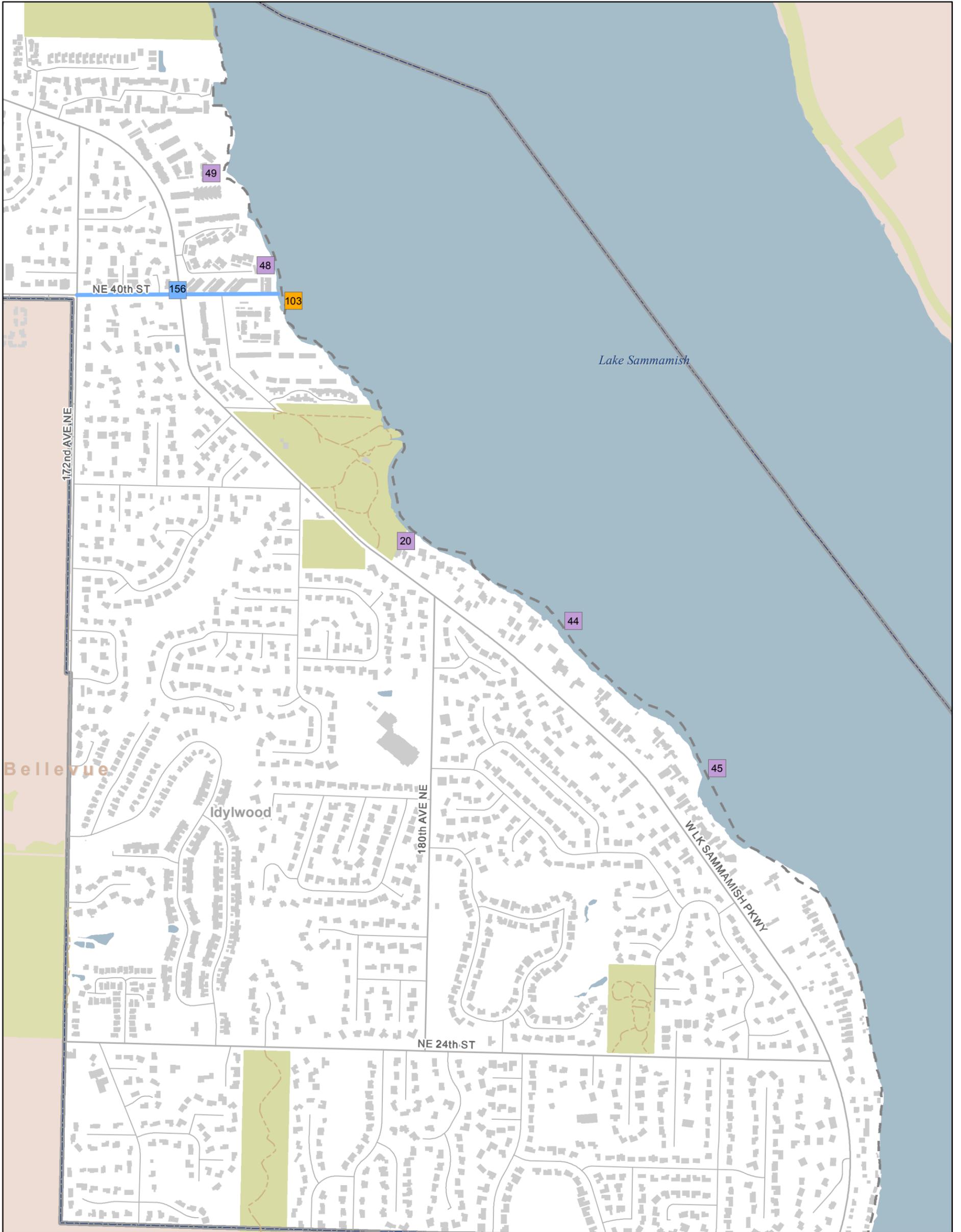
Projects

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



**Capital Investment Projects
2017 - 2022
Grass Lawn**





Projects

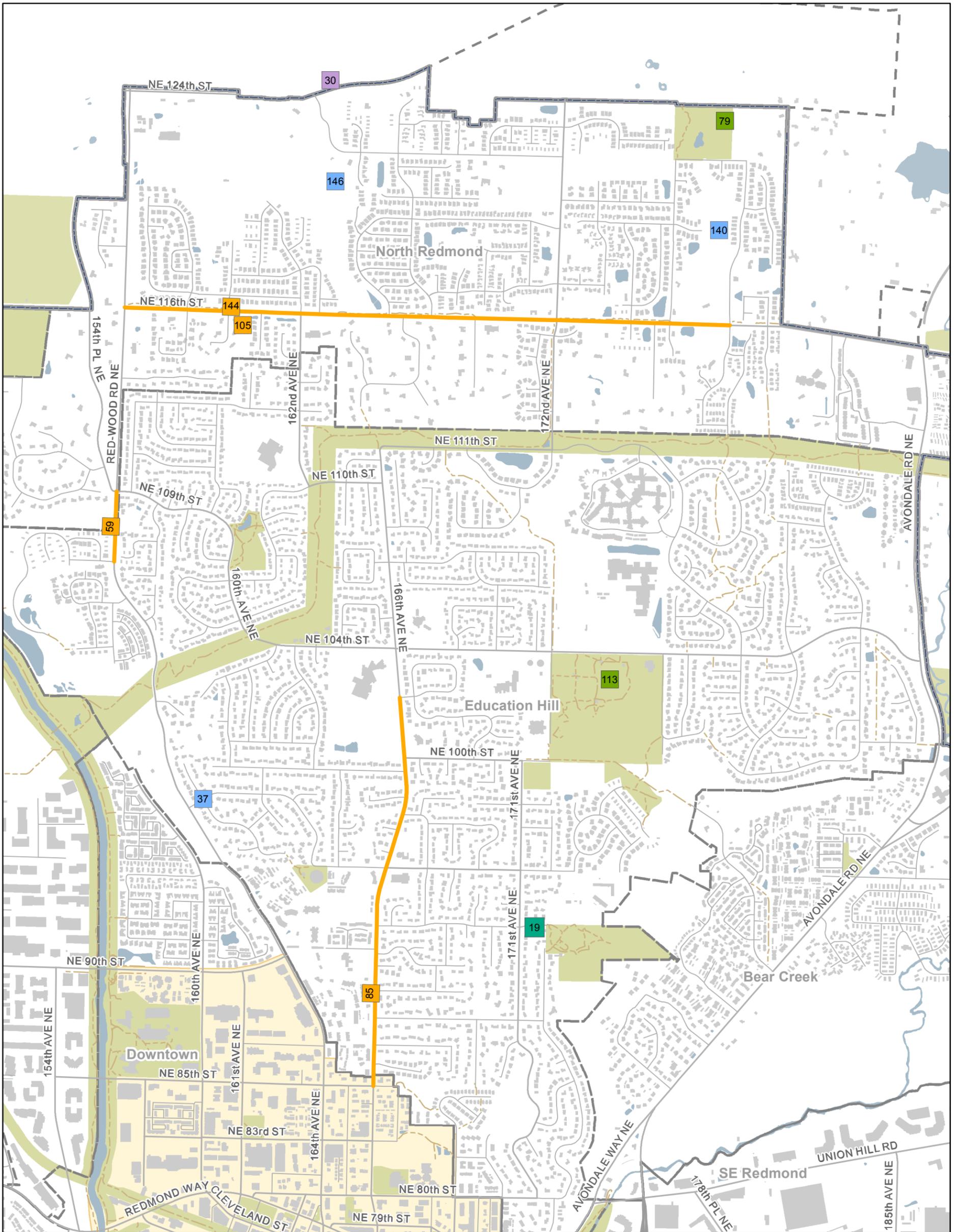
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|  Parks |  Parks |  Urban Center |
|  Stormwater |  Stormwater | |
|  Transportation |  Transportation | |
|  Wastewater |  Wastewater | |
|  Water |  Water | |
|  General Government | | |



City of Redmond
WASHINGTON

**Capital Investment Projects
2017 - 2022
Idylwood**





Projects

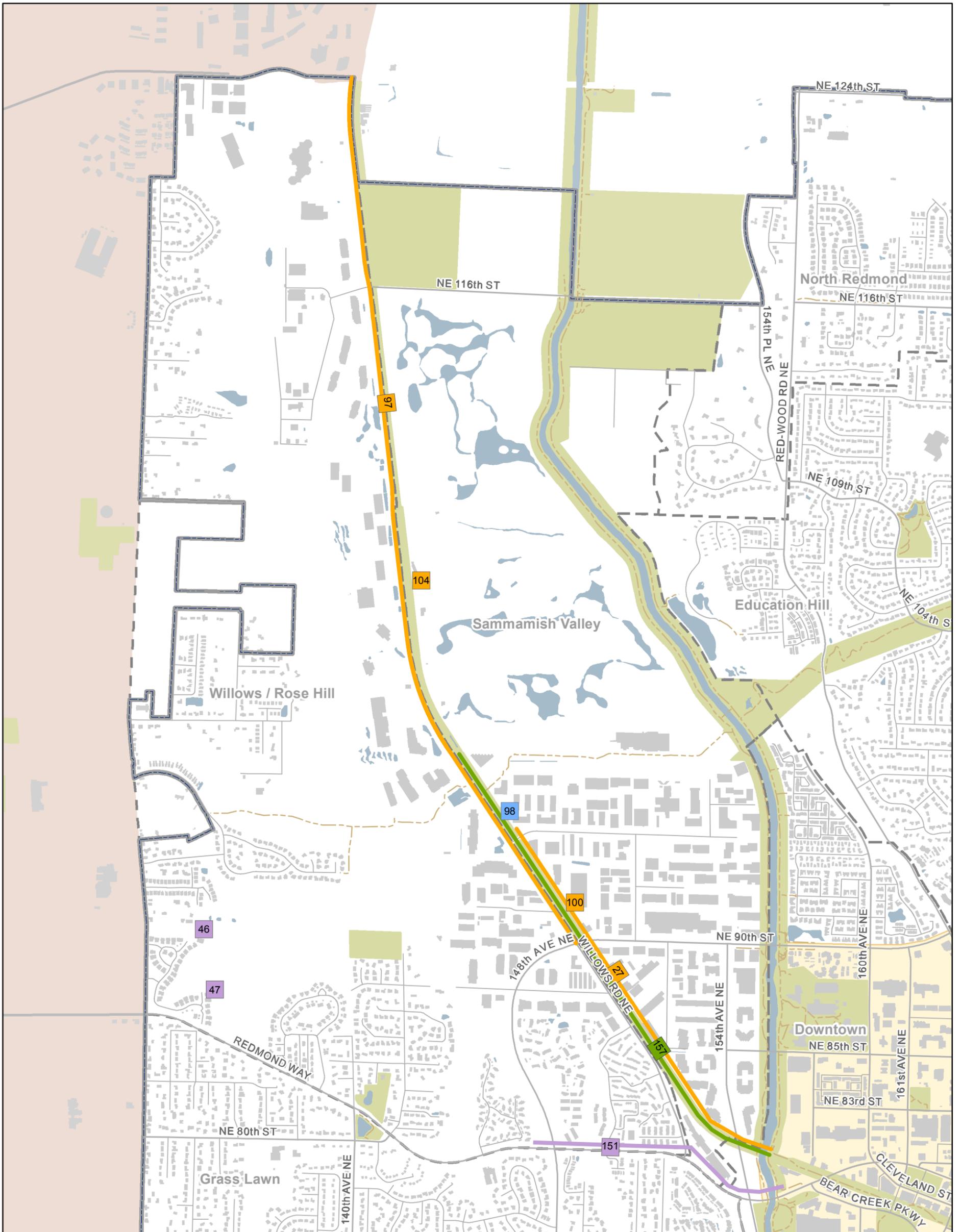
	Parks		Parks		Urban Center
	Stormwater		Stormwater		
	Transportation		Transportation		
	Wastewater		Wastewater		
	Water		Water		
	General Government				



**Capital Investment Projects
2017 - 2022**

North Redmond, Education Hill



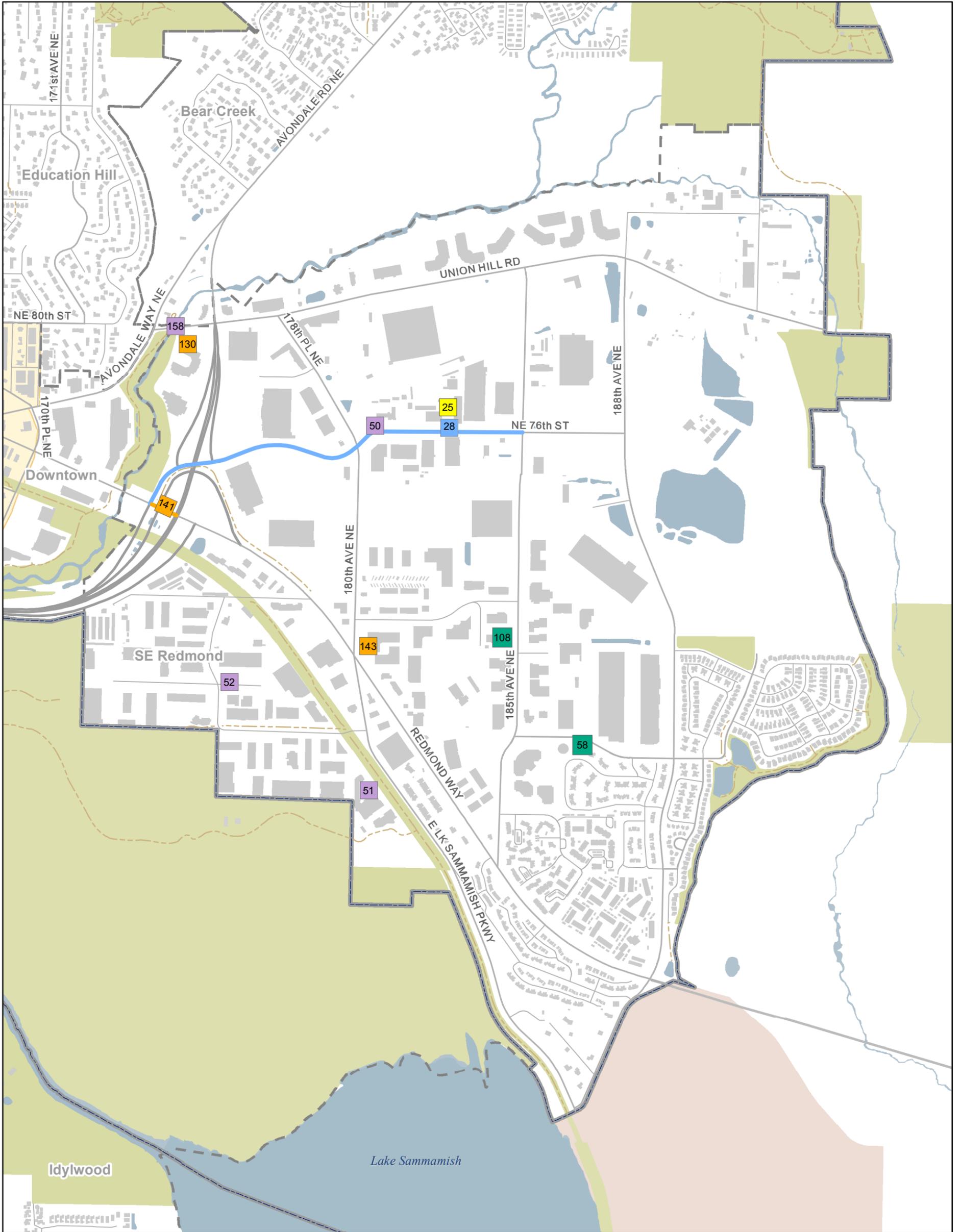
Projects

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



**Capital Investment Projects
2017 - 2022
Sammamish Valley, Willows / Rose Hill**





Projects ■ Parks ■ Stormwater ■ Transportation ■ Wastewater ■ Water ■ General Government			~ Parks ~ Stormwater ~ Transportation ~ Wastewater ~ Water	+ Urban Center	 Capital Investment Projects 2017 - 2022 SE Redmond
					

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 that houses Redmond's Police Department and Emergency Communications Center. Other projects protect the safety and welfare of the community by investing in the City's computer aided dispatch, 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 2017-2022 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

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<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 a nationally recognized model for local governments in providing affordable and special needs housing. In addition to direct allocations to housing development, ARCH provides support for affordable housing planning, promotion and implementation activities.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 600,000	\$ 600,000	\$ 1,200,000
<p>Computer Aided Dispatch (CAD) System Replacement</p> <p>Replacement of Police Computer Aided Dispatch system.</p> <p>Project timeframe: 2018</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 2,348,930	\$ 0	\$ 2,348,930
<p>Observed Facility Deficiencies</p> <p>Address high priority capital investment needs in key City facilities as identified in the 2013 Facility Condition Assessment. Final project selection and development will follow completion of the Maintenance and Operations Center Master Plan and Facilities Strategic Management Plan which will address the long term need, use, priority, cost, and phasing of facility projects throughout the City. The issues are based on risks to City employees and the public related to fire protection, structural, seismic, electrical, roof and heating, ventilation and airconditioning (HVAC) issues.</p> <p>Project timeframe: 2019 - 2021</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 61,976	\$ 3,100,000	\$ 3,161,976

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Street Lighting Program</p> <p>The Street Lighting 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. Funding from the program is also added to other CIP projects to help complete missing links in the street light system.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 100,000	\$ 200,000	\$ 300,000
<p>Preserve City Buildings Program</p> <p>The program allows for maintenance projects at City facilities identified as critical to preserving level of service.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 150,000	\$ 300,000	\$ 450,000
<p>Bridge Maintenance Program</p> <p>The Bridge Repair Program maintains the structural integrity and safety of all eighteen of the City's bridges. Bridge inspections are completed every two years for most bridges and yearly for bridges with erosion potential. Bridge improvements are generated from the inspections and prioritized.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 150,000	\$ 300,000	\$ 450,000
<p>City Hall Customer Service Center</p> <p>Improving customer access to City services, including improvements to the lobby configuration, wayfinding and additional conferencing space.</p> <p>Project timeframe: 2016 - 2017</p>	<p>Responsible Government</p> <p>General Government</p>	Existing	\$ 1,110,250	\$ 0	\$ 1,360,250

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Community Treasures Project</p> <p>Supports landmarked properties and other historic treasures, enhances Redmond's shared history and identity by maintaining community treasures. Community treasures contribute to Redmond's unique and positive identity including focusing on maintaining and enhancing gathering places.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Community Building General Government</p>	<p align="center">Existing</p>	<p align="center">\$ 68,066</p>	<p align="center">\$ 0</p>	<p align="center">\$ 68,066</p>
<p>Neighborhood Traffic Calming Program</p> <p>Program implements and fulfills safety policies specified in the Comprehensive Plan and Transportation Master Plan. The program investigates and evaluates neighborhood traffic safety problems using a 2-phase “3E’s” (education, enforcement and engineering) approach; where needed, coordinates design, development and implementation of mitigation solutions.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure and Growth Transportation</p>	<p align="center">Existing</p>	<p align="center">\$ 200,000</p>	<p align="center">\$ 400,000</p>	<p align="center">\$ 600,000</p>
<p>Transportation Americans with Disabilities Act (ADA) Program</p> <p>Provides improvements to the City's infrastructure such as the construction of curb ramps to accommodate people with disabilities under the Americans with Disabilities Act (ADA).</p> <p>Project timeframe: Ongoing</p>	<p align="center">Infrastructure and Growth Transportation</p>	<p align="center">Existing</p>	<p align="center">\$ 100,000</p>	<p align="center">\$ 200,000</p>	<p align="center">\$ 300,000</p>
<p>Infiltration Retrofit Program</p> <p>The program provides funds for retrofitting existing private infiltration facilities that are determined through the City's assessment process to pose a significant groundwater hazard in wellhead protection zones 1 and 2, to meet State and City regulations for groundwater protection. Focus for 2015-2018 is on the Group I high risk properties.</p> <p>Project timeframe: Ongoing</p>	<p align="center">Clean and Green Water</p>	<p align="center">Existing</p>	<p align="center">\$ 1,500,000</p>	<p align="center">\$ 2,000,000</p>	<p align="center">\$ 4,000,000</p>

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Public Art Program</p> <p>Implement the priorities identified in the 2016 Public Art Plan with an art installation project at 152nd Street which will become the “Main Street” of Overlake Village, will help attract people to the retail establishments along this street and to create a sense of community in this redeveloping neighborhood.</p> <p>Project timeframe: Ongoing</p>	<p>Community Building</p> <p>General Government</p>	New	\$ 89,578	\$ 0	\$ 89,578
<p>Control System and Telemetry Upgrades</p> <p>The control system that runs the water and wastewater systems. The telemetry system links all major water and wastewater facilities and monitors and controls those facilities. The telemetry system is an independent computer network that operates, monitors, and directs the control devices distributed throughout the City and Novelty Hill 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: 2016 - 2019</p>	<p>Infrastructure and Growth</p> <p>Water/Wastewater</p>	Existing	\$ 965,000	\$ 510,000	\$ 1,925,000
<p>Stream and Buffer Enhancement Program</p> <p>The program focuses on preservation and restoration of stream and buffer areas which are two of the highest priorities identified in the Chinook Salmon Recovery Plan which includes the planting of buffers and the installation of large woody debris.</p> <p>Project timeframe: Ongoing</p>	<p>Clean and Green</p> <p>Stormwater</p>	Existing	\$ 150,000	\$ 300,000	\$ 450,000
<p>Channelization Program</p> <p>The program installs new channelization and maintains existing crosswalks and stop bars to improve safety.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 150,000	\$ 300,000	\$ 450,000

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Pedestrian Project - 140th Sidewalk from Redmond Way to 84th Street</p> <p>Fill sidewalk gaps on the west side of 140th Avenue from Redmond Way to 84th Street</p> <p>Project timeframe: 2022</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 110,000	\$ 110,000
<p>Pedestrian Project - 176th Avenue NE from 65th to 70th Street</p> <p>Complete sidewalk on 176th Avenue between 65th and 70th Streets.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 350,000	\$ 350,000
<p>Pressure Reducing Valve (PRV) and Meter Vault</p> <p>Replace aging or undersized pressure reducing valves, large meters and vaults. Many pressure reducing valves and large meters are reaching the end of their useful life.</p> <p>Project timeframe: 2016 - 2020</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 3,100,000	\$ 2,790,000	\$ 6,200,000
<p>Parks Infrastructure Project - Grass Lawn Shelter Repair Phase 1, Farrel McWhirter Park Arena Resurfacing and Fencing Modification</p> <p>Repair Grass Lawn Park Picnic Shelter, resurface Farrel McWhirter Arena and replace fencing to maintain animal and equestrian safety.</p> <p>Project timeframe: 2017 - 2018</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 200,000	\$ 0	\$ 200,000

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Parks Infrastructure Project - Grass Lawn Shelter Phase 2, Idylwood Dock, Hartman Park fencing and Anderson Park roof replacements</p> <p>Repair swimming dock at Idylwood Park, replace roofs at Anderson Park's Adair Cabin and restroom building, repair the Grass Lawn Park Picnic Shelter and replace perimeter fence around fields 5 and 6 at Hartman Park.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 120,000	\$ 120,000
<p>Stormwater Right of Way (ROW) Infrastructure Replacement Program</p> <p>The focus of the Infrastructure program is to design, construct, rehabilitate or replace existing stormwater facilities in coordination with transportation projects.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 300,000	\$ 600,000	\$ 900,000
<p>Stormwater Infrastructure Replacement Projects</p> <p>The systematic replacement of aging corrugated metal pipe and other failed stormwater infrastructure as it reaches the end of its useful life.</p> <p>Project timeframe: 2016 - 2022</p>	<p>Infrastructure and Growth</p> <p>Stormwater</p>	Existing	\$ 440,000	\$ 1,100,000	\$ 1,650,000
<p>Water System Security Upgrades</p> <p>Update and replace City and Novelty Hill water system security equipment and software.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 0	\$ 500,000	\$ 500,000

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Wastewater System Rehabilitation Projects</p> <p>Replace aging or undersized wastewater facilities in the City and Novelty Hill. In addition, these funds are used in conjunction with street improvements which may create the need for new sewer mains or trigger upgrades and replacements of existing pipe and appurtenances.</p> <p>Project timeframe: 2016 - 2022</p>	<p>Infrastructure and Growth</p> <p>Wastewater</p>	Existing	\$ 320,000	\$ 800,000	\$ 1,200,000
<p>City Hall Maintenance</p> <p>Maintenance contract with Wright Runstad for the City Hall building.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 1,768,363	\$ 3,834,762	\$ 5,603,125
<p>General Fund Overhead</p> <p>Overhead charges to the Transportation, Parks and General Government Capital Investment Programs.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	Existing	\$ 668,796	\$ 1,359,371	\$ 2,028,167
<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 future replacement and upgrades of depreciated assets.</p> <p>Project timeframe: Ongoing</p>	<p>Infrastructure and Growth</p> <p>Water/Wastewater/ Stormwater</p>	Existing	\$11,810,160	\$25,103,030	\$36,913,190

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Pavement Management Project - NE 24th Street</p> <p>The NE 24th Street Pavement Management project will rehabilitate and overlay the pavement surface to extend the useful life of the roadway on NE 24th Street from 175th Avenue NE to West Lake Sammamish Parkway.</p> <p>Project timeframe: 2020</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 1,400,000	\$ 1,400,000
<p>Trail Development Project - Redmond Central Connector Phase 2 - 87th Crossing at Willows Road</p> <p>Provides a direct link from 87th Street across Willows Road to the Redmond Central Connector.</p> <p>Project timeframe: 2017</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 240,000	\$ 0	\$ 240,000
<p>Trail Development Project - Redmond Central Connector Phase 2 - 84th Stairs and Red160 Apartments</p> <p>Provides a direct link from 84th Street area to the Redmond Central Connector. The project also provides a connection from the Red160 Apartments to the trail.</p> <p>Project timeframe: 2019</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 385,000	\$ 90,000	\$ 475,000
<p>Trail Development Project - 100th to Willows on Rosehill</p> <p>Provides a direct link from the Puget Sound Energy Trail along Willows Road to Rosehill and Kirkland.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Parks</p>	New	\$ 0	\$ 183,000	\$ 183,000

2017 - 2022 Capital Investment Program

Citywide Projects

Package/Project Description & Timeframe	Priority & Functional Area	Project Status	2017-2018 Investment	2019-2022 Investment	Total Project Investment
<p>Pedestrian Project - Redmond Central Connector Trail - 168th Avenue</p> <p>Link 168th Avenue to the Redmond Central Connector, including a new crosswalk and connecting path.</p> <p>Project timeframe: 2021</p>	<p>Infrastructure and Growth</p> <p>Transportation</p>	New	\$ 0	\$ 70,000	\$ 70,000
<p>City Hall Debt Service</p> <p>Principal and interest costs on the Limited Tax General Obligation Bonds issued for the City Hall Building. Total Project Investment represents the cost during the six year period.</p> <p>Project timeframe: 2015 - 2035</p>	<p>Infrastructure and Growth</p> <p>General Government</p>	Existing	\$ 5,452,962	\$ 9,198,224	\$14,651,186
<p>Water Utility Debt Service</p> <p>Principal and interest costs on the Revenue Bonds issued to fund the replacement of two wells, extension of the southeast Redmond transmission main, development of a large pressure reducing valve station and upgrading the Reservoir Park pump station and reservoir. Total Project Investment represents the cost during the six year period.</p> <p>Project timeframe: 2008 - 2018</p>	<p>Infrastructure and Growth</p> <p>Water</p>	Existing	\$ 2,208,276	\$ 4,523,613	\$ 6,731,889
<p>Stormwater Utility Debt Service</p> <p>Principal and interest costs on the Revenue Bonds issued to fund constructing and improving pump stations, access chambers, regional facilities in the Overlake and Downtown areas of the City and flow control and water quality facilities. Funding is also included for stream and habitat restoration projects. Total Project Investment represents the cost during the six year period.</p> <p>Project timeframe: 2014 - 2034</p>	<p>Clean and Green</p> <p>Stormwater</p>	Existing	\$ 4,129,908	\$ 8,260,016	\$12,389,924