CAPITAL BUDGET

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Capital Budget Summary:

The FY19 Capital Budget is based on the City's Capital Improvement Program (CIP), A Community Reinvestment Plan, which is a five-year outlook of the City's planned physical improvements. The CIP includes cost estimates and projected financing for maintaining, improving, or adding to the City's increasing investment in fixed assets. These estimates, in turn, are derived from long term facilities master plans designed to anticipate City needs over a 20 year horizon. The City's fixed assets include streets, sidewalks, traffic signs and signals, street lights, sanitary sewer and drainage systems, and city-owned buildings and property. The City's actual commitment to expend public funds occurs in the annual City budget process, with the CIP acting as a guide for the capital portion of the budget. In addition, the Capital Budget includes projects proposed for the Regional Wastewater Collection and Treatment Systems. These projects are included based on the actions of the Metropolitan Wastewater Management Commission (MWMC), which owns and oversees the Regional Wastewater Facilities serving the Eugene-Springfield metropolitan area. The Springfield Capital Budget includes appropriations for these items to fulfill the City's responsibilities under the Intergovernmental Agreement between the City, the City of Eugene, and Lane County, which created the MWMC, and assigns financial and capital management functions to the City of Springfield.

Each year City staff reviews cash flow projections, organizes and summarizes new projects along with unfunded projects from prior years, and develops a proposed allocation of project funding and a draft Capital Budget. The City Manager, the Budget Committee, and the City Council review this draft before adoption of the final budget.

Major funding sources include State and local fuel taxes, loans, revenue bonds, sewer and drainage user fees, assessments, and, as appropriate, revenues from System Development Charges (SDCs) previously collected. Additionally, from time to time the City receives grants, loans and other revenues from other levels of government and from private entities, which are targeted to specific capital improvements. The Capital Budget appropriates these revenues as well; to the extent they pass through the City's accounts. Because of limited revenues, many projects are either partially funded or simply cannot be funded during the next five years. Thus, projects that appear in the first and second year of the 2018-2022 CIP may not be included in the FY19 Capital Budget.

The proposed FY19 Capital Budget of $43 million is $1.2 million less than the adopted FY18 Capital Budget. This represents a $2.5 million decrease in the Metropolitan Wastewater Management Commission FY19 capital budget, while the local FY19 capital budget increased nearly $1.4 million more than FY18.

While the FY19 budget has nearly $1.8 million programmed for Transportation and Street related projects, the majority of this funding is System Development Charges Funds set aside for system improvements. Street capital funds remain at a level that does not allow for preservation or reconstruction projects to be programmed in the FY19 capital budget. The last comprehensive street survey conducted in 2015 documented a $5 million annual need to maintain the City's street and transportation assets in a state of good repair. In 2016, the backlog of necessary repairs to the transportation system was over $30 million in total. During the spring of 2018 a comprehensive street survey will be conducted, to note the current condition of this critical City asset, and the anticipation is that the annual cost will be greater and the backlog will have increased significantly. Growth of the backlog is a major issue unaddressed within the capital

budget as more street segments can no longer be addressed through simple and cost effective preservation methods.

Other preservation or rehabilitation activities currently underfunded in the Capital Budget are for City owned buildings. The City continues to face several critical building/facilities operations, maintenance and preservation issues. A growing list of deferred/backlog facilities repairs has been identified at about $59 million, in addition to an ongoing annual maintenance and preservation need of $300k. In FY09, the City implemented an Internal Building Preservation Charge with intent to program $300k annually for ongoing preservation. Since inception, the Internal Building Preservation Charge on average has generated just over $260k per year dedicated to projects, through FY18. Staff has developed the City Buildings/Facilities Work Plan inclusive of all City Fire Stations, City Hall, Springfield Justice Center, Development and Public Works operations facilities, Springfield Depot, and the Carter Building. For example, the 2018-2022 Capital Improvement Program includes an unfunded project to replace the City Hall HVAC System at a projected cost of $1.65 million. The last major update or replacement to the system was nearly 20 years ago and the current units are nearing the end of the serviceable life.

Major Projects:

Among the major capital projects included in the Capital Budget are the following:

- CMOM Planning and Implementation – The City continues to make the repair, rehabilitation, or replacement of older wastewater pipes throughout the City to reduce leakage of ground water into the system as a high priority in the Capital Improvement Program. In 2010, The City completed rehabilitation of the basins identified in the Wet Weather Flow Management Plan (WWFMP) adopted in 2001 by the City and the Metropolitan Wastewater Management Commission (MWMC). Rather than update the WWFMP, the City, in conjunction with MWMC, is moving to a Capacity, Management, Operations, and Maintenance (CMOM) program to remain in compliance with both State and Federal regulations. This program will be utilized to identify future preservation needs, as may an update to the Local Wastewater Management Plan.

- Franklin Boulevard Reconstruction –The NEPA process is complete, with the project receiving a Categorical Exclusion (CE). Project elements include roundabout intersections, median control, relocated EmX station platforms, space preserved for future capacity, and provision of high quality bicycle and pedestrian facilities. Phase 1 construction from the Franklin/McVey intersection to just east of the Mississippi intersection is anticipated to be completed Fall 2018. Future construction phases will require final design and right of way acquisition prior to construction. These phases are not currently funded and the City is exploring funding sources to advance engineering design and right of way acquisition.

- Virginia Avenue/Daisy Street Preservation and Bikeway – The City of Springfield partnered with the University of Oregon's 2011-2012 Sustainable City Year to plan Virginia/Daisy corridor bike boulevard improvements. Safety treatments along the entirety of the corridor include: increased signage to slow vehicles and identify the space as a bicycle boulevard, striping of bicycle lanes, sharrows, traffic calming infrastructure (e.g., bulbouts), and intersection treatments (e.g., mini-roundabouts). The City has received State grant funds to complete the bikeway and pedestrian improvements and will use a federal Street Transportation Program – Urban (STP-U) funds to complete the surface preservation portion of the project. Design will be completed in 2018 with award of a construction contract anticipated in late 2018.

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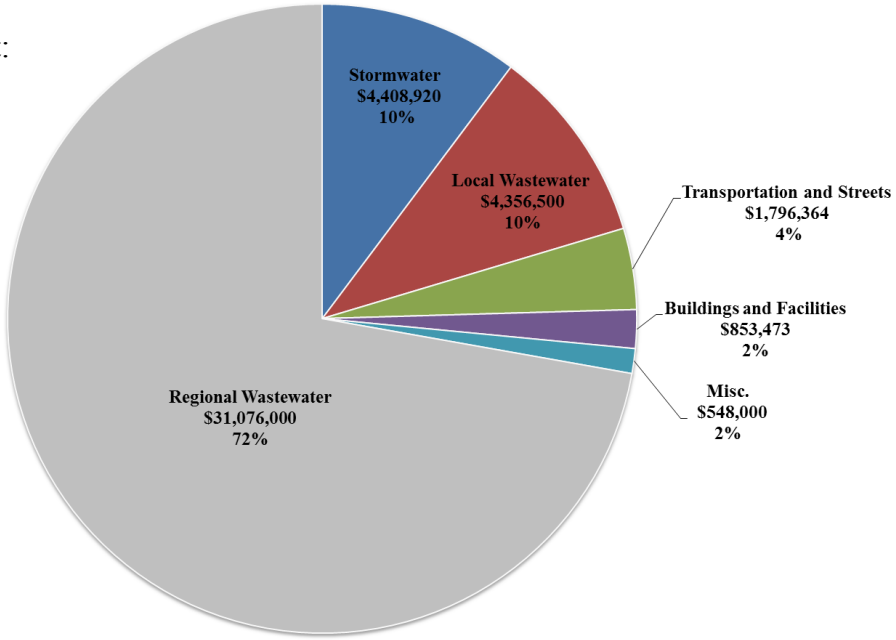
The CIP identifies capital projects by major systems and/or improvement categories and lists the various uses of capital funds. The following table shows the proposed Capital Budget funding by the various categories.

Summary of the FY19 Capital Budget:

Total Capital Budget:
$43,039,257



Operating Impact of the Capital Budget:

The City's financial management policies require that the City's operating budget reflect the effect of projects in the Capital Budget.

Many capital projects that are classified as preservation projects are intended to limit increases in operating and maintenance expenditures by preserving and extending the useful life of the City's infrastructure assets. Long-term financial plans prepared for the City's operating funds consider the impact of these improvements on efficiency when forecasting growth in operating expenditures for the next several years. Other capital improvement projects that involve development of new facilities or new and expanded infrastructure may result in additional operating costs or savings in future years.

For example, while new fire station construction will result in additional staffing and operations costs, repaving a street, or bringing it to full City standards typically results in a reduced need for maintenance. These costs or savings are not included in the capital budget estimates, but rather are incorporated into the operating budget beginning in the year that the facility is anticipated to become operational. An important element of the CIP process is the consideration of any future

increases in operating costs that may result from capital activity so that estimates of those costs can be incorporated in the appropriate long-term financial plans for the affected funds.

In a governmental setting, these operating impacts often occur in funds other than those in which the capital expenditure is recorded. As projects move from the CIP into the Capital Budget, they are reviewed to evaluate the impact on the appropriate operating fund budget.

Analysis of the FY19 Capital Budget indicates that a large number of projects do not have a measurable operating impact. In many cases, these projects are planning activities, which do not result in additional infrastructure or equipment. The Capital Budget includes approximately $41.3 million in the category of projects that have no significant operational impact. For example, projects that do not have any impact on the City's operational budget include expenditures to plan for future Glenwood stormwater needs, and to complete base map updating. A second category of capital projects that are not estimated to have operating impacts are those where the capital expenditure is designed to replace or upgrade existing systems. In many cases, there may be operating efficiencies or future cost avoidance that results from the improvements, but these impacts are not presently quantifiable and are believed to be marginal. Examples in this project category include preservation projects for streets, drainage and sanitary sewers where the only operating impact is potential avoidance of future costs that might occur if repairs or replacement does not occur on a timely basis. Approximately $5.6 million is budgeted for such projects. Projects such as the $828,000 budgeted for 2017 Sewer Rehab - A upgrading and replacing approximately 2,400 linear feet of wastewater mainline may have little or no operational impact, but instead prevent the need to make significant capital investments that might otherwise be required to increase the handling capacity of the sanitary system.

A third category of projects not presently estimated to have an impact on the operating budget includes those where the scope of the project is not sufficiently defined to develop an estimate. An example of this category of projects where definition is inadequate to determine operational impact is the $230,000 budgeted for City participation in private projects. These expenditures will be used to support a variety of capital improvements such as streets and sewers that are constructed by private developers. The City's participation pays for portions of those capital expenditures which are principally for the benefit of the general public, not the particular development. While there will be an operating impact to the City after these projects are completed by developers and the infrastructure is donated to the City, the maintenance impact of the City participation portion of project costs is not calculated.

In dollar terms, the cost of capital projects expected to result in increased operating expenditures, excluding MWMC projects and dedicated reserves, totals approximately $1.74 million. The increased operating costs resulting from these capital improvements are estimated to be about $100,000 annually. The majority of this cost is for projects that will result in the need to increase staffing in future years as the infrastructure asset base grows. However, it is typical that not all projects are constructed in the same year they are funded. Therefore, the project and operating values are typically less than stated above.

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Capital Project Detail:

Transportation and Street Projects		FY18 Adopted	FY19 Adopted
P21114 Virginia/Daisy Bicycle Blvd	SDC Improvement	$ 135,000	$ 314,000
The City of Springfield partnered with the University of Oregon's 2011-2012 Sustainable City Year to plan Virginia/Daisy corridor bike boulevard improvements. Safety treatments along the entirety of the corridor include: increased signage to slow vehicles and identify the space as a bicycle boulevard, striping of bicycle lanes, sharrows, traffic calming infrastructure (e.g., bulbouts), and intersection treatments (e.g., mini-roundabouts).	Street Capital Fund	$ -	$ 100,000
	Total Project Budget	**$ 135,000**	**$ 414,000**
P61003 ADA Transition Projects	SDC Reimbursement	$ 141,945	$ 131,364
The Americans with Disabilities Act of 1990 requires the City to maintain a "Transition Plan" that details how it will bring facilities that were not in compliance at the adoption of the act into compliance. Currently, the City policy is to correct defects as projects occur and to make improvements as requests are received from Citizens who make their need known. This project will set aside funds to be used for high priority locations that are identified, and will allow the City to respond in a timely manner to those requests. Additionally, the City must conduct a detailed inventory of existing and missing facilities within the right of way.	Street Capital Fund	$ -	$ 55,000
	Total Project Budget	**$ 141,945**	**$ 186,364**
P61007 Transportation Demand	SDC Improvement	$ 91,000	$ 101,000
The project includes match funding for other transportation options projects to enhance non-auto travel links in the community like the 60th and "E" Street multi-use path, park and ride facilities coordinated with transit stations, and other activities that promote non-single auto travel choices.	**Total Project Budget**	**$ 91,000**	**$ 101,000**
P61008 Traffic Control Projects	SDC Improvement	$ 325,000	$ 360,000
This project is for installation of new traffic signals and modification of existing signals or installation of roundabouts at various City intersections. Example intersections include: Thurston Rd. & 66th St., 42nd St. & Marcola Road, South 42nd & Daisy St., South 40th & Daisy St., and 28th St. & Centennial Blvd. Signal modifications may include changing phase order, adding overlaps, and other enhancements to safety or efficiency like improved pedestrian crossings. Various striping and signing improvements may also be implemented under the Traffic Control Projects. Funding is set aside in this program and as projects are identified that fit into this category they are given an individual account and at that time another source of funding will be identified to match the allowable SDC funds.	**Total Project Budget**	**$ 325,000**	**$ 360,000**
P61009 Gateway Traffic Improvements	SDC Improvement	$ 535,000	$ 735,000
Transportation improvements at various locations in the Gateway area to increase capacity, relieve congestion, and improve safety. Funding is set aside in this program and as projects are identified that fit into this category they are given an individual account and at that time another source of funding is identified to match the allowable SDC funds.	**Total Project Budget**	**$ 535,000**	**$ 735,000**
P21118 42nd & Jasper Roundabout Whitetopping	SDC Reimbursement	$ 20,000	$ -
The reconstruction of S. 42nd Street was accomplished in 2005 with funds received from the Oregon Department of Transportation as part of the jurisdictional transfer. Upon completion of project the remaining funds were set aside in a reserve for future preservation work. This planned preservation project will utilize those reserves to overlay the roundabout at the intersection of 42nd Street and Jasper Road with concrete, "white topping", and if sufficient funds remain, the remaining asphalt section will receive a thin lift.	Street Capital Fund	$ 240,000	$ -
	Total Project Budget	**$ 260,000**	$ -
	Total Transportation and Street Capital Budget	***$1,487,945***	***$1,796,364***

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Sanitary Sewer Projects		FY18 Adopted	FY19 Adopted
P21109 19th St Sanitary Sewer Upgrade	Sanitary Sewer Fund	$ 620,000	$ 620,000
Project #3 in the 2008 Wastewater Master Plan involves replacing the existing 12-inch wastewater line with an 18-inch line from MH10034175 (North Springfield Interceptor) to MH10034164 (at Highway 126 westbound off ramp) in 19th Street. This upgrade will alleviate modeled surcharged flow in the system upstream of the upgrade location.	**Total Project Budget**	**$ 620,000**	**$ 620,000**
P21130 2017 Sewer Rehab - A	Sanitary Sewer Fund	$ 675,000	$ 828,000
As part of the CMOM implementation, this project will replace approximately 2,400 linear feet of aged sanitary sewer pipe.	**Total Project Budget**	**$ 675,000**	**$ 828,000**
P21132 2017 Sewer Rehab - C	Sanitary Sewer Fund	$ 500,000	$ -
As part of the CMOM implementation, this project will replace approximately 2,400 linear feet of aged sanitary sewer pipe.	**Total Project Budget**	**$ 500,000**	**$ -**
P21133 2017 Sewer Rehab - B	Sanitary Sewer Fund	$ -	$ 50,000
As part of the CMOM implementation, this project will replace approximately 2,400 linear feet of aged sanitary sewer pipe. Construcftion was completed in FY 2018, final project closeout is being completed.	**Total Project Budget**	**$ -**	**$ 50,000**
P41041 Flow Monitoring Analysis/Plan	Sanitary Sewer Fund	$ 95,000	$ 125,500
The City of Springfield's obligations in the 2001 Wet Weather Flow	SDC Improvement	$ -	$ 33,000
Management Plan (WWFMP) were completed by January 2010; however it is necessary for the City to continue to fund wastewater system rehabilitation and Inflow and Infiltration (I/I) reduction projects. These additional projects will be identified through the Wastewater Master Plan Update project and the Capacity, Management, Operations and Maintenance (CMOM) program that will likely be included in the next NPDES permit for the wastewater system.	**Total Project Budget**	**$ 95,000**	**$ 158,500**
P61000 CMOM Planning &	Sanitary Sewer Fund	$ 1,200,000	$ 2,200,000
The City of Springfield's obligations in the 2001 Wet Weather Flow Management Plan (WWFMP) were completed by January 2010; however it is necessary for the City to continue to fund wastewater system rehabilitation and Inflow and Infiltration (I/I) reduction projects. These additional projects will be identified through the Wastewater Master Plan Update project and the Capacity, Management, Operations and Maintenance (CMOM) program that will likely be included in the next NPDES permit for the wastewater system.	**Total Project Budget**	**$ 1,200,000**	**$ 2,200,000**
P61001 Wastewater Repair	Sanitary Sewer Fund	$ 250,000	$ 500,000
This project involves the contracted repair or replacement of sanitary sewers that require either emergency rehabilitation as a result of Sanitary Sewer Overflows or the prospect of impending system failures. The DPW Operations Division addresses an average of four (4) emergency repairs of this nature annually.	**Total Project Budget**	**$ 250,000**	**$ 500,000**
	Total Sanitary Sewer Capital Budget	***$3,340,000***	***$4,356,500***

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Stormwater Projects		FY18 Adopted	FY19 Adopted
P21052 Mill Race Stormwater Facility	SDC Reimbursement	$ 185,000	$ 100,000
Project is a stormwater treatment facility on land immediately north of the present Mill Pond on land recently acquired from McKenzie Forest Products. The project will intercept and treat stormwater from the industrial/commercial sub-basin south of Main Street. The project will include open vegetative treatment for problematic pollutants to improve water quality in the Springfield Mill Race. It will also provide detention for stormwater and enhance planned public amenities in this area. The project will require careful phasing to coincide with projected Mill Race/Mill Pond work to maximize efficiencies.	**Total Project Budget**	**$ 185,000**	**$ 100,000**
P21106 Over/Under CMP Pipe	Storm Drainage Fund	$ 925,000	$ 100,000
The Over-Under Channel system includes about 3,900 linear feet of corrugated metal arch pipe (CMP) under the existing channel. This project is intended to replace the existing CMP with a new pipe, as well as provide a parallel pipe for additional capacity as recommended in the 2008 Stormwater Facility Master Plan.	**Total Project Budget**	**$ 925,000**	**$ 100,000**
P21123 Hamlin Channel Restoration	Storm Drainage Fund	$ 185,000	$ -
This project will restore and enhance the open channel at the outfall of the Over/Under Pipe system near the location of the new Hamlin Middle School.	**Total Project Budget**	**$ 185,000**	**$ -**
P21131 2016 Manhole Surface Repair	Storm Drainage Fund	$ 60,000	$ 56,000
This project replaces manhole rings and lids in addition to repairing the failing travelway surface. This work will be conducted on both stormwater and wastewater manholes.	Sanitary Sewer Fund	$ 60,000	$ 56,000
	Total Project Budget	**$ 120,000**	**$ 112,000**
P21138 Irving Slough Improvements	Storm Drainage Fund	$ 150,000	$ 440,000
The project consists of open channel improvements in multiple locations for flood control and the construction of a stormwater storage facility. Water quality improvements will be incorporated into the project where applicable to meet regulatory requirements.	**Total Project Budget**	**$ 150,000**	**$ 440,000**
P41020 Channel 6 Master Plan	Storm Drainage Fund	$ 325,000	$ 800,000
Using consulting services, prepare a scope document for a new flood plain study to update the Flood Insurance Rate Map (FIRM) for SCS Channel 6 from 10th Street to the I-5 Channel to incorporate numerous construction changes that have occurred along SCS Channel 6 in the past 40 years. with FEMA approval of the FIRM update, the project is moving into the implementation phase.	**Total Project Budget**	**$ 325,000**	**$ 800,000**
P41021 Storm Sewer Mstr Plan Up 2013	SDC Improvement	$ 100,000	$ 100,000
Update of the 2008 Stormwater Facility Master Plan. The plan itself identified areas where additional study work is needed. There is also a need to address the proposed UGB amendments identified in the Commercial, Industrial Buildable Lands study recently completed. The plan project list will be re-prioritized and costs will be revised to represent current values. New technology for sustainable development and stormwater management at the source is available to reduce overall system requirements and long term costs.	Storm Drainage Ops Fund	$ 100,000	$ 100,000
	Total Project Budget	**$ 200,000**	**$ 200,000**

Stormwater Projects, continued		FY18 Adopted	FY19 Adopted
P41042 Glenwood Stormwater Master	SDC Improvement	$ 31,750	$ 31,650
To improve the stormwater system including pipe and open channel improvements, for flood control and water quality improvements at various locations within Glenwood as identified in the Stormwater Facilities Master Plan (SWFMP), and to support implementation of the existing refinement plan for Glenwood. The project will also involve evaluation and construction/enhancement of stormwater outfall structures to the Willamette River. Specific projects will be implemented as development occurs, consistent with the Public Facilities and Services Plan (PFSP). The City's current effort to update the Glenwood Refinement Plan will likely result in modifications to some of the projects identified in the SWFMP, and will be addressed in future system studies that will be performed as the Refinement Plan work proceeds.	Storm Drainage Fund	$ 220,000	$ 238,000
	Total Project Budget	**$ 251,750**	**$ 269,650**
P41044 42nd Street Levee Study	Storm Drainage Fund	$ 350,000	$ 344,470
Conduct a study of the condition of the High Banks Road (42nd Street) Levee to identify any structural or non-structural deficiencies and to evaluate the potential for obtaining federal accreditation of this levee as a flood control facility under the National Flood Insurance Program and for compliance with the National Levee Safety Program.	**Total Project Budget**	**$ 350,000**	**$ 344,470**
P41045 Glenwood Park Blocks	SDC Improvement	$ 4,000	$ 25,000
It is anticipated that the Glenwood Park Blocks are to be constructed as development occurs within the Glenwood refinement area. It is intended that the park blocks will become publicly owned infrastructure and incorporate stormwater treatment and Parks and Open Space upon completion. This project is intended to work with Willamalane and a consultant to develop design and landscape standards for stormwater treatment and open space.	Storm Drainage Fund	$ 46,000	$ 25,000
	Total Project Budget	**$ 50,000**	**$ 50,000**
P61002 Stormwater Repair	Storm Drainage Fund	$ 200,000	$ 500,000
This program involves the rehabilitation of Springfield drainage system to repair or replace older pipe in the system and solve flooding problems and reduce street surface failures due to poor drainage. This program also includes rehabilitation of catch basins and culverts to prevent flooding, and the contractual cleaning of large storm sewer pipe. Projects include: Repair West B St. storm outfall to Willamette River; Restore capacity in culverts on 69th St., Channel 6, 72nd St. and 48th St. canals; Repair damaged gutter bars causing localized flooding at 1105 S St., 1500 B St., and Olympic St., F St. - 9th to 10th.; Repair catch basins at various locations; Replace catch basin at 717 71st St. with combination catch basin/curb inlet; Replace storm line segments at Centennial Blvd at 10th St. intersection, A St. at 26th St. intersection, Centennial Blvd at 12th St. to Mohawk Blvd; Install storm line catch basin from intersection of 17th and S St. to storm system at 17th and T St.; Remove abandoned catch basin vault at 1482 T St.; Drainage repairs on Quarry Street and Park Street.	**Total Project Budget**	**$ 200,000**	**$ 500,000**
P61004 Channel Improvement	SDC Improvement	$ 7,920	$ 7,920
This project is intended to provide improvements to key drainage ways to address barriers to fish passage, and to correct previous channel modifications that have caused deterioration of flow capacity, water quality, and fish habitat functions. These improvements include culvert replacements or retrofits, road crossing and outfall modifications, and channel restoration. The adoption of the Springfield Total Maximum Daily Load Implementation Plan identifies an additional temperature benefit from channel restoration and shading.	SDC Reimbursement	$ -	$ 20,000
	Storm Drainage Fund	$ 784,080	$ 864,080
	Total Project Budget	**$ 792,000**	**$ 892,000**

Stormwater Projects, continued		FY18 Adopted	FY19 Adopted
P61005 MS4 Permit Implementation	SDC Reimbursement	$ 15,000	$ 15,000
Develop and implement programs and projects to comply with the National	Storm Drainage Fund	$ 15,000	$ 15,000
Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm	**Total Project Budget**	**$ 30,000**	**$ 30,000**
Sewer System (MS4) Discharge requirements.			
P61006 Riparian Land Management	SDC Improvement	$ 255,650	$ 255,650
This project provides funding to purchase riparian area lands from private	SDC Reimbursement	$ 52,650	$ 67,650
property owners where needed to meet City and regulatory objectives for	Storm Drainage Fund	$ 106,000	$ 136,000
stormwater management, flood control and habitat protection. It also provides	**Total Project Budget**	**$ 414,300**	**$ 459,300**
funding for consultant services to evaluate riparian buffer areas, City and other activities affecting them. Property acquisitions will typically result in increased operational spending to maintain city owned property. Projects developed on property acquired may, however, produce savings through reduced spending for flood control and water quality improvement activities. Project funding levels have been reduced to conform to eligibility levels for improvement SDCs. Council adoption and implementation of a reimbursement SDC may permit restoration of prior funding levels.			
P21124 5th St./EWEB Path Storm Pipe	SDC Improvement	$ 63,000	$ -
Approximately 170 feet of an 18-inch diameter stormwater pipe running west	SDC Reimbursement	$ -	$ 55,000
along the EWEB path from N. 5th Street requires upsizing to a 30-inch	Storm Drainage Fund	$ 63,000	$ 56,500
diameter pipe. This project is designed to mitigate potential flooding.	**Total Project Budget**	**$ 126,000**	**$ 111,500**
	Total Stormwater Capital Budget	***$4,304,050***	***$4,408,920***

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Buildings and Facilities		FY18 Adopted	FY19 Adopted
P21075 Firing Range Decommissioning	Storm Drainage Fund	$ 25,000	$ 25,000
This project involves the clean-up of the outdoor firing range formerly used by the Police Department. Cleanup activities include lead mining, removal of miscellaneous materials, and overall environmental assessment of the site.	**Total Project Budget**	**$ 25,000**	**$ 25,000**
P21082 Booth Kelly Building Repair	Booth-Kelly Fund	$ 40,000	$ 40,000
Repair or removal of the building structure referred to as Building D, Suite 188 open cover.	**Total Project Budget**	**$ 40,000**	**$ 40,000**
P21083 BK Water Isolation and Repair	Booth-Kelly Fund	$ 6,000	$ 6,000
This project will consist of a water isolation analysis to the Booth Kelly Complex grounds in order to locate a slow water leakage.	**Total Project Budget**	**$ 6,000**	**$ 6,000**
P21084 Booth Kelly Roof Repair	Booth-Kelly Fund	$ 100,000	$ 100,000
Roof replacement or epoxy over coating of the existing roof decking of the "Saw-tooth" building, commonly referred to as Building G at the Booth-Kelly Center.	**Total Project Budget**	**$ 100,000**	**$ 100,000**
P41029 BK Facilities Assessment Plan	Booth-Kelly Fund	$ 30,000	$ 30,000
Assess Booth Kelly buildings for necessary repairs and prepare plan describing needs with potential anticipated costs	**Total Project Budget**	**$ 30,000**	**$ 30,000**
P50234 BK Site Stormwater Master Plan	Booth-Kelly Fund	$ 100,000	$ 50,000
Drainage master plan implementation for the Booth-Kelly site.	Storm Drainage Fund	$ 299,000	$ 349,000
	Total Project Budget	**$ 399,000**	**$ 399,000**
P61011 Building Preservation Projects	Building Pres. Fund	$ 300,000	$ 253,473
Perform preservation, capital maintenance and repair projects on City-owned buildings, including but not limited to City Hall, 5 Fire Stations, Museum, Justice Center, Jail, Depot, Carter Building and Maintenance Facilities. Projects can include the repair, renovation or replacement of structural, mechanical, electrical, and plumbing systems. Other projects can include systems preservation such as, painting, roofing, lighting, alarm and elevator projects as well as repair and/or upgrades to aesthetic and architectural elements.	**Total Project Budget**	**$ 300,000**	**$ 253,473**
	Total Buildings and Facilities Capital Budget	***$900,000***	***$853,473***

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Miscellaneous		FY18 Adopted	FY19 Adopted
P61010 City Participation	SDC Improvement (Street)	$ 35,000	$ 35,000
City cost participation in public improvements constructed in private developments under the City's Construction Permit process. To respond to known and potential private development projects, it is necessary to budget $100,000 each fiscal year in each infrastructure program area, i.e. Transportation, Local Wastewater and Stormwater.	Sanitary Sewer Fund	$ 33,000	$ 33,000
	SDC Improvement (Sewer)	$ 34,000	$ 34,000
	SDC Reimbursement (Sewer)	$ 33,000	$ 33,000
	SDC Improvement (Storm)	$ 28,000	$ 28,000
	SDC Reimbursement (Storm)	$ 33,000	$ 33,000
	Storm Drainage Fund	$ 34,000	$ 34,000
	Total Project Budget	**$ 230,000**	**$ 230,000**
P41043 Topographic Remapping	SDC Improvement (Storm)	$ 12,014	$ 12,014
Replace out-of-date topographic maps (base maps) for the entire City that were last developed in 2000; replace orthoimagery and LiDAR data on a 3 year cycle. New maps will address development induced changes that have occurred across the City and will include updating full topography (e.g., elevation, structures, surface facilities, vegetation, surface waterways and transportation appurtenances) on all City base maps used to support key City functions by all Departments. New orthoimagery and LiDAR data will inform and enhance the creation of new base maps. Proposing full remapping in 2013 and then incremental remapping every 2 years to assure that from 2014 forward, base maps for all areas of the City are current to within 3 years - all areas are remapped every three years.	Storm Drainage Fund	$ 9,973	$ 9,973
	Sanitary Sewer Fund	$ 9,973	$ 9,973
	SDC Improvement (Sewer)	$ 26,067	$ 26,067
	SDC Reimbursement (Sewer)	$ 9,973	$ 9,973
	Total Project Budget	**$ 68,000**	**$ 68,000**
P41024 Asset Mgmt System	Sanitary Sewer Fund	$ 125,000	$ 125,000
Replace failing Geographic Information Systems (GIS) and Facilities Management (FM) systems that manage electronic inventories of City infrastructure and provide reliable and well integrated information for asset management and mapping functions. Functions serve activities such as planning, designing, constructing, maintaining, reporting, accounting, forecasting and operating City facilities, i.e., managing City facilities valued at approximately one billion dollars. Proposing a phased approach with 1) targeted replacement of existing system FY12-FY13 for $984,000; 2) integration of Street system information FY14 for $200,000; 3) Transportation appurtenance integration FY15-FY16 for $219,000 ($39,000 from FY15 and $180,000 FY16) and then ongoing system maintenance and software licensing fees are shown for informational purposes as Operational Impact for $242,000 per year plus adjustments for inflation beyond - note these costs are not included in the Funding Sources.	Storm Drainage Fund	$ 125,000	$ 125,000
	Total Project Budget	**$ 250,000**	**$ 250,000**
	Total Miscellaneous Capital Budget	***$548,000***	***$548,000***
	Total Local Capital Budget	**$10,579,995**	**$11,963,257**

CAPITAL BUDGET

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Regional Wastewater Program		FY18 Adopted	FY19 Adopted
P80062 Thermal Load Pre-Implementation	Regional Capital Fund	$180,000	$200,000
This project includes the study and planning of thermal load mitigation measures including recycled water feasibility studies, riparian shading projects, and water quality trading credit development, as well as associated permit negotiation and legal strategy related to the temperature total maximum daily loads (TMDL) and NPDES permit renewal.	**Total Project Budget**	**$180,000**	**$200,000**
P80063 Thermal Load Implementation 1	Regional Capital Fund	$1,030,000	$0
This project implements thermal load mitigation projects strategized for regulatory compliance and additional environmental and community benefits. The projects may include recycled water use expansion at MWMC facilities and/or extension of recycled water services to community partners, water quality trading credit strategies through shade credit investments, and collaborative partnerships for permit compliance. The recycled water projects may include additional treatment, disinfection, pumping, pipeline, and distribution/irrigation systems.	**Total Project Budget**	**$1,030,000**	**$0**
P80083 Poplar Harvest Mgmt Svcs Ph 1	Regional Capital Bond Fund	$330,000	$160,000
The Biocycle Farm comprises nearly 400 acres of hybrid poplar trees, which were planted as three management units (MUs). The MUs were initally planted in 2004, 2007, and 2009 and are managed on regulated 12-year rotations. This project develops a harvest management plan for the Biocycle Farm through market collaboration and refinement of poplar harvest and planting practices. The project ensures the timely harvest of the intial planting in each MU within the regulatory 12-year rotation limit and subsequent replantings.	**Total Project Budget**	**$330,000**	**$160,000**
P80084 Increase Digestion Capacity	Regional Capital Fund	$8,534,000	$2,500,000
Installation of a fourth digester for expanded production of Class B biosolids. This project also included supporting the plant-wide landscaping construction work that was completed in December of 2012.	Regional Capital Bond Fund	$5,000,000	
	Total Project Budget	**$13,534,000**	**$2,500,000**
P80085 Operations & Maint Bldg Impvmt	Regional Capital Fund	$8,387,931	$8,900,000
This project will update and expand the Operations and Maintenance (O&M) support facilities at the Water Pollution Control Facility (WPCF). The support facilities to be updated and expanded on include the Maintenance Building, Administrative/Operations Building, and the temporary Industrial Source Control (ISC) building. The improvements will include a new laboratory building located where the temporary ISC building is currently.	Regional Capital Bond Fund	$4,132,069	
	Total Project Budget	**$12,520,000**	**$8,900,000**
P80090 Facilty Pln Eng Srvc 2015-2018	Regional Capital Fund	$80,000	$85,000
Engineering services for analysis, project definition, cost estimating, and general consultation regarding the 20-Year Facilities Plan.	**Total Project Budget**	**$80,000**	**$85,000**
P80092 Elec Distb Sys Repl & Upgrade	Regional Capital Fund	$5,875,000	$4,600,000
This project provides the planning, design and construction for the replacement of electrical distribution system components at the Water Pollution Control Facility (WPCF). In addition, some of the components may be upsized to better accommodate future load increases anticipated with the implementation of future Capital Program projects. Finally, this project assesses and provides resources to better address unplanned power outages as may occur periodically.	**Total Project Budget**	**$5,875,000**	**$4,600,000**

Regional Wastewater Program, continued		FY18 Adopted	FY19 Adopted
P80093 Decommission WPCF Onsite Lagoon	Regional Capital Fund	$92,000	$5,550,000
This project decommissions the existing biosolids lagoon at the Water Pollution Control Facility (WPCF).	**Total Project Budget**	**$92,000**	**$5,550,000**
P80095 Renewable Natural Gas Upgrades	Regional Capital Fund	$0	$7,050,000
This project provides the planning, decision support, and potentially design and construction of Renewable Natural Gas (RNG) Upgrades consisting of biogas purification facilities at the Water Pollution Control Facility (WPCF) and an interconnection with the NW Natural utility grid.	**Total Project Budget**	**$0**	**$7,050,000**
P80096 Resiliency Planning	Regional Capital Fund	$0	$625,000
Given a range of disaster scenarios including a Cascadia Subduction Zone Earthquake, this planning project will identify critical system vulnerabilities, and provide engineering and operational strategies to mitigate vulnerabilities in order of priority.	**Total Project Budget**	**$0**	**$625,000**
P80097 Riparian Shade Credit Program	Regional Capital Fund	$0	$226,000
This project facilitates the generation of water quality trading credits for temperature through implementation of riparian shade restoration projects.	**Total Project Budget**	**$0**	**$226,000**
P80098 Class A Disinfection Facilities	Regional Capital Fund	$0	$750,000
Provides disinfection facilities needed (along with filtration provided by existing facilities) to achieve Class A standards for pilot recycled water uses on non-MWMC sites. Includes the design, construction, and permitting of Class A recycled water disinfection facilities.	**Total Project Budget**	**$0**	**$750,000**
P80099 Recycled Water Demonstration	Regional Capital Fund	$0	$300,000
Design, construction, permitting, and implementation of recycled water delivery systems to pilot recycled water uses at demonstration scale.	**Total Project Budget**	**$0**	**$300,000**
P80101 Comprehensive Facilities Plan	Regional Capital Fund	$0	$130,000
This Comprehensive Facilities Plan Update effort will include permit renewal and facilities planning technical services to assess capital improvement requirements over a 20-year planning horizon.	**Total Project Budget**	**$0**	**$130,000**
Total Regional Wastewater Program Budget		***$33,641,000***	***$31,076,000***
Total Capital Budget		**$44,220,995**	**$43,039,257**