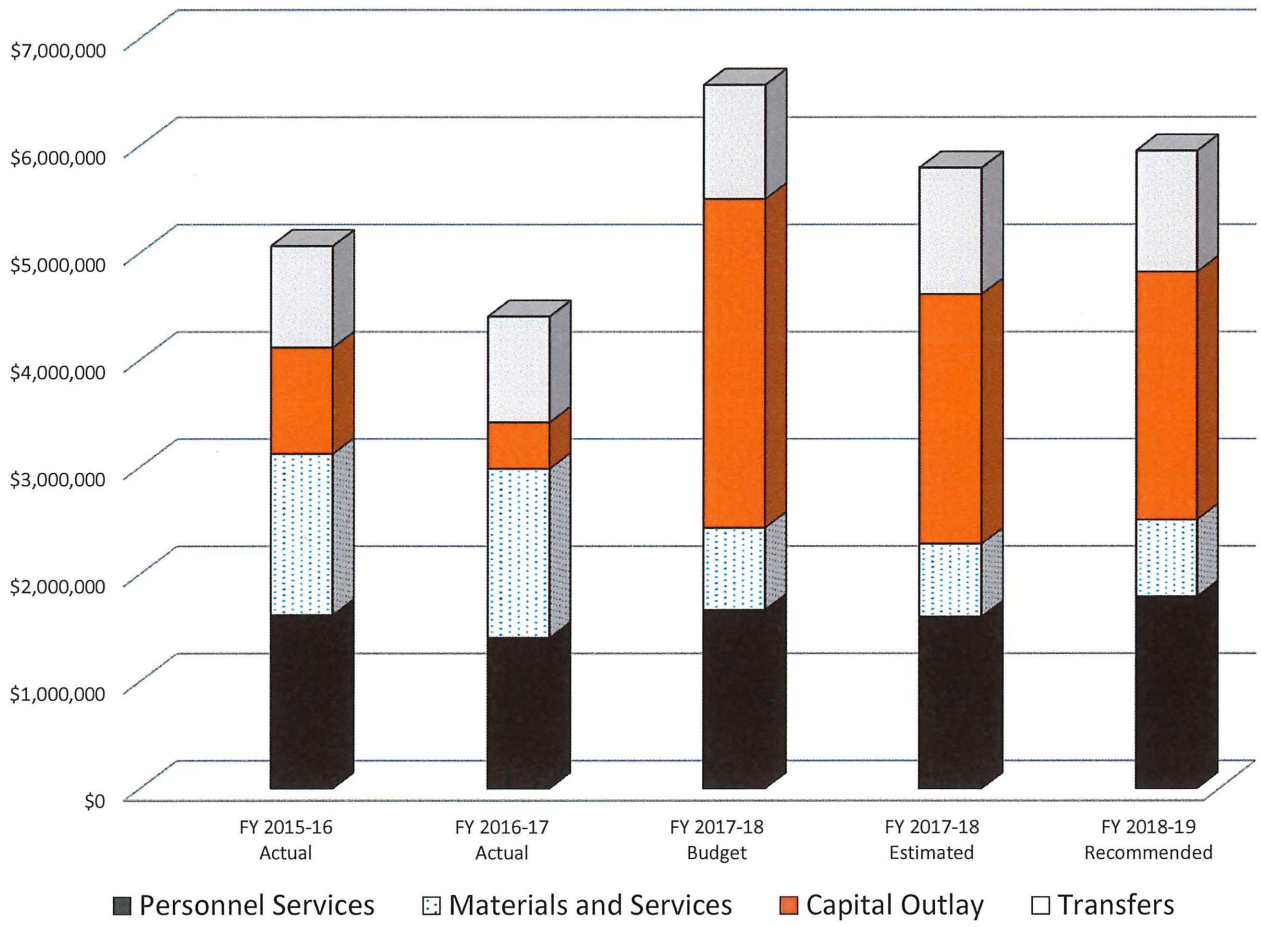
Sewer Fund

SEWER FUND
SUMMARY
RECOMMENDED FY 18-19



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Sewer - Summary**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$1,617,203	$1,405,678	$1,666,159	$1,601,818	$1,790,165	7.44%
Materials and Services	1,503,949	1,577,047	765,257	679,657	716,526	-6.37%
Capital Outlay	992,138	432,427	3,065,992	2,328,274	2,311,300	-24.61%
Transfers	945,494	987,251	1,062,039	1,177,512	1,128,375	6.25%
SUB-TOTAL	$5,058,784	$4,402,403	$6,559,447	$5,787,261	$5,946,366	
Contingency			3,434,025		2,331,061	
Contingency - Dedicated			664,972		645,987	
Dedicated Surcharges			2,931,739		3,806,196	
Contingency - Equip.			759,521		382,776	
TOTAL	$5,058,784	$4,402,403	$14,349,704	$5,787,261	$13,112,386	
FTE's	14.56	12.76	13.34		13.67	

Explanation of item(s) that are significant (10% and greater than $10,000):

Personnel services:
FY 2018-19 reflects a net increase of .33 FTE consisting of: a .33 FTE Accounting Assistant position in Utility Billing; the transfer of .10 FTE Senior Accountant from the General Fund to the Sewer Fund to more accurately reflect the position's work plan; the reallocation of a 0.10 FTE Inventory Control Technician from the Sewer Fund to the Garage Fund. The Recommended Budget also includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
No significant change

Capital outlay:
FY 2018-19 reflects a slightly reduced level for construction improvement and replacement projects over the FY 2017-18 budget.

Transfers:
No significant change

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	SUMMARY FOR SEWER FUND:
502 SEWER	INCLUDING: CIP PROJECTS, FINANCE, AND PUBLIC WORKS

MISSION STATEMENT:

To provide a wastewater collection system that functions reliably, is routinely subject to preventive maintenance inspections and repairs, and satisfies all of the requirements of the Clean Water Act and Municipal Code. Provide assistance and recommendations to residents and property owners that experience problems with their private wastewater collection and piping systems. The sanitary sewer system is part of a regional system that relies upon cooperation of Clean Water Services and the other local units of government. As such it operates in a manner consistent with *Council Priority: Foster stronger intergovernmental relations with partner agencies* such as compliance with the Clean Water Act for the benefit of the Tualatin River watershed.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	14.56	12.76	13.34	13.67	0.00
PERSONNEL SERVICES	$1,617,203	$1,405,678	$1,666,159	$1,790,165	$0
MATERIALS & SERVICES	1,503,949	1,577,047	765,257	716,526	0
CAPITAL OUTLAY	992,138	432,427	3,065,992	2,311,300	0
TRANSFERS	945,494	987,251	1,062,039	1,128,375	0
CONTINGENCY	0	0	7,790,257	7,166,020	0
TOTAL	**$5,058,784**	**$4,402,403**	**$14,349,704**	**$13,112,386**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$8,054,015	$8,075,808	$8,995,209	$7,959,486	$0
Permits & Fees	95,867	112,880	125,000	125,000	0
Sewer Service Fees	4,774,438	4,956,232	4,307,095	4,085,000	0
Intergovernmental Revenue	25,680	0	739,000	668,000	0
Miscellaneous Revenues	184,594	252,689	183,400	274,900	0
Sewer Projects:					
3811 Sewer Collection System	$510,425	$278,501	$413,621	$225,000	$0
3812 So. Cooper Mtn Sewer Projects	0	0	1,314,186	804,500	0
3850 Maintenance & Replacement	424,671	144,371	742,500	947,500	0

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

Program Goal:
Prepare, manage, interpret, and implement the city's sanitary sewer infrastructure master plan and the Capital Improvements Plan/Program (CIP). Preparation and implementation of the CIP includes activities such as problem identification, engineering planning and design, scheduling, and budgeting. This program provides expertise and policy recommendations regarding intergovernmental agreements with Clean Water Services (CWS) and other sanitary sewer/wastewater agencies.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	2.94	2.94	2.94	2.94	0.00
PERSONNEL SERVICES	$384,721	$384,523	$454,230	$484,400	$0
MATERIALS & SERVICES	32,277	27,271	62,230	48,440	0
CAPITAL OUTLAY					
TRANSFERS	805	759	61,036	27,296	0
TOTAL	**$417,803**	**$412,553**	**$577,496**	**$560,136**	**$0**

Program Objective:

Sewer Surcharge Program: This program funds replacement/renewal of existing sanitary sewers, based upon a surcharge on the monthly sewer service rate. The surcharge generated approximately $1,250,000 annually and funds the annual capital improvement projects related to sanitary sewer lines which have reached the end of their useful life. Design and construction administration operates under this program and through the engineering staff. The monthly sewer service charge was established by City Ordinance 4371 in November 2005.

Master Planning: This program manages, interprets, and implements the city's sanitary sewer infrastructure master plan. Engineering Division staff work with Clean Water Services (CWS) to cooperatively operate, maintain and expand as needed, the sanitary sewer facilities in Beaverton and those that convey and treat wastewater from the city. The development of a regional Capital Improvement Plan by CWS in cooperation with Beaverton and other cities represents an opportunity to coordinate and complete projects that are of both a local and regional significance. Beaverton selected HDR Engineering to begin a new Sewer Master Plan in FY 16/17. The new Sewer Master Plan has expanded to include an update of the South Cooper Mountain Master Plan that will be completed early in FY 18/19.

Sanitary Sewer Intergovernmental Coordination: Staff in this program provides expertise regarding intergovernmental agreements with Clean Water Services (CWS) and other agencies and; represents the city at the CWS/Co-Implementers meetings. Program staff also serve on water resource related committees in the region to address various subjects, new Metro and CWS water quality rules, and individual projects that apply to sanitary sewer projects. A CWS Sewer Master Plan focused in significant part on the completion of regionally important projects was completed in April 2009. In FY 16/17, CWS began the Upper Tualatin Interceptor Master Plan to determine long range capacity of the Upper Tualatin sewer trunk line that provides conveyance to the Durham Wastewater Treatment Facility for many Washington County communities, including the South Cooper Mountain annexation area. City staff coordinate with CWS staff to ensure that required capital improvement projects for the Upper Tualatin Interceptor are completed and in service to meet development requirements in the South Cooper Mountain Annexation. CWS and City staff will also coordinate on the update to the South Cooper Mountain and Urban Reserve 6B master plan. The implementation of these plans in conjunction with the individual cities will efficiently support the future expansion of the urban sewer system in Washington County.

Sewer Utility Locates: This program also works with the Operations Division of Public Works to fund the subscription contract for Oregon's "one-call" underground locating dispatch system for pending underground sewer system related construction. Underground utilities are marked to meet mandated accuracy standards to minimize damage to a utility, injury to workers involved in excavation, and to reduce interruption of service to residents and businesses in the area.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND:	DEPARTMENT:
502 SEWER	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
0740 ENTERPRISE MANAGEMENT & ADMIN.	DAVID WINSHIP

CIP: Prepare the annual update of the Capital Improvement Plan (CIP) for sanitary sewer infrastructure. This program also manages the annual Capital Improvement Plan (CIP) for sanitary sewer infrastructure. Preparation of the CIP includes activities such as problem identification, engineering planning and design, scheduling, and budgeting. The CIP includes extra capacity to accommodate growth (extra capacity via size increases or permanent reduction of inflow and infiltration), and replacement/renewal infrastructure projects. Engineering staff in this program provide technical expertise and assistance as needed to the Public Works Operations group for operation and maintenance of the sanitary sewer system.

Asset Management: This program of annual capital improvements is intended to replace/renew sanitary sewer lines which are malfunctioning or have reached the end of their useful life. Staff in this program plan, design, and manage private contractors as well as city-constructed projects for the planned capital improvements. All existing sewer lines are monitored using information collected and reported by the Operations Division of the Public Works Department and other sources to maintain an inventory of the highest priority sewer lines to be replaced. The city uses asset management software to inventory, map and log operation and maintenance activities and costs for sanitary sewers, storm drainage, potable waterlines, and streets facilities.

Engineering Consultant Coordination: Provide contract administration, coordination, field inspection, and quality control of consultant contracts to prepare cost estimates, final design, and construction contract documents for sanitary sewer projects; or, provide expertise and oversight on sanitary sewer design projects delegated to the Engineering Division for implementation.

Construction Contractor Coordination: Provide project construction management including: contract administration, coordination, and oversight on construction contracts to construct sanitary sewer projects; or, provide expertise and oversight on sanitary sewer construction projects managed by the Engineering Division.

Coordination of Clean Water Services (CWS)-Funded or Jointly-Funded Sanitary Sewerage Related Projects: Coordinate and provide expertise and oversight on sanitary sewer planning, design, or construction projects on CWS managed projects. Support the continuing development and refinement of the regional Sanitary Sewer Master Plan. Staff participates in a CWS/City CIP Coordinating and Prioritization Committee to rank and select for funding all sewer construction projects.

Progress on FY 2017-18 Action Plan:

- Responded to the sanitary sewer utility locate needs that will likely increase during FY 2018-19 due to the continued improvement in private development as a result of the current economic conditions.
- Continued improvement in the accuracy of the city's utility asset maps which helps ensure that the quality of the utility locating services is consistent.
- Replaced and expanded the existing infrastructure, where necessary, to improve sewer service levels to current customers and provide for future customers.
- Replaced and renewed existing sewers, therefore, reduced infiltration and inflow, and freed up current capacity to offset new connections to the city's system. Services provided by this program improve sewer capacity that can help mitigate and prevent overflows during large storm events.
- Projects started, completed or continued include the following:
    - 3302 Farmington Trunk Improvement – Murray to Hocken Rd (COB MP FA-01)
    - 3316 Rose Biggi Ave Extension (Crescent St to Hall Blvd)
    - 4118A Settler Way Utility Improvements
    - 5092A 175th Ave (Alvord Ln – Scholls Ferry) Roadway Improvements
    - 6000 Sanitary Sewer Master Plan – Entire City Service Area
    - 6073 Beaverdam Rd (Cedar Hills-Watson) Utility Improvements
    - 6083 South Cooper Mountain Infrastructure Engineering
    - 8098B Utility Improvements at Dover Ln Near Oleson Rd
    - 6095 Sellwood Subdivision Utility Improvements
    - 6099 South Cooper Mountain (West Additional Capacity Improvement (12"-24")

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

FY 2018-19 Action Plan:

South Cooper Mountain Annexation and Concept Plan
One of the most significant infrastructure planning and construction projects of the last 25 years will continue into FY 2018-2019. The South Cooper Mountain area (544 acres) Sewer Master Plan was completed in FY 2014-15. An update to the South Cooper Mountain Plan will be completed early in FY 2018-19. Land use applications will continue in FY 2018-19. The City has completed a land use concept plan (including comprehensive and land use plan), including public infrastructure for the entire 6B Urban Reserve (1,776 acres), which includes the 544-acre South Cooper Mountain area.

A sewer infrastructure study (CIP No. 6083) was completed in FY 2014-15, for the entire 6B Urban Reserve area with extensive evaluation of sanitary sewer service needs and projected costs ensuring provision of sewer service for a fully developed area. The sanitary sewer master planning study (CIP No. 6083) included close coordination with CWS and the City of Tigard because the large-capacity sewer trunk mains and pump station(s) needed to serve the future 6B development will also serve the large area south of Scholls Ferry Road that was annexed by the City of Tigard in 2012. The large sewer trunk mains and pump station(s) to serve all of these areas within the infrastructure planning study are funded primarily by CWS.

A Sewer Master Plan (CIP No. 6000) for the entire City was started in FY 16-17 to evaluate system needs and requirements into the near future with project verification and identification. Future CIP projects will be based on a comprehensive analysis using computer models and wastewater flow evaluations. The Sewer Master Plan is scheduled to be substantially complete in conjunction with the Water Master Plan in FY 17-18 and the South Cooper Mountain Sewer Master Plan update will be complete in early FY 18-19.

CIP Projects FY 2018 -19

- 4118B Settler Way Utility Improvements – design and construction
- 5092A 175th Ave (Alvord Ln – Scholls Ferry) Roadway Improvements- complete construction
- 6000 Sanitary Sewer Master Plan – complete MP and South Cooper Mt Update
- 6000A System Development Charge Rate Study – complete study
- 6006 Erickson Trunk Upsizing (6th to Allen) CWS R110 – design and construction
- 6083 South Cooper Mt. Infrastructure Engineering – continued design
- 6095 Sellwood Subdivision Utility Improvements - design
- 6099 South Cooper Mountain (West) Additional Capacity Improvement (12"-24") - construction
- 8098A & 8089B Utility Improvements at Dover Ln Near Oleson Rd – design and construction
- 3519A Canyon Rd Intersection Improvements (MSTIP) - design

Workload Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted**	**FY 2018-19 Proposed**
Number of miles of sanitary sewer collection system (83% 8 inch dia., 17% 12 to 21 inch)	287	275*	275.6	276.5
Number of sanitary sewer customer accounts served by the City of Beaverton	22,840	22,900	22,925	22,995
Number of miles of public sewer mainlines (6" and greater) replaced or structurally rehabilitated	1.01	0.8	0.6	0.9
Number of service laterals replaced	30	0	0	0

*Note: Decrease in number of miles in sanitary sewer collection system is due to more accurate GIS data becoming available. Number of miles in the system was overestimated in previous years.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

Performance Outcomes and Program Trends:
The Engineering Division exercises effective and efficient management of the sewer system resources using economies of scale by combining sewer projects with other utility and street projects.

The number of sanitary sewer customer accounts continues to rise each year with residential, commercial, and industrial growth and annexations to the city. A small number of sanitary sewer trunks and services are transferred to the city from Clean Water Services each year as a result of annexations. These annexed areas can include older infrastructure that requires improvement and occasionally needs to be maintained, replaced, and/or rehabilitated for the benefit of existing and new customers.

A significant amount of staff time will be dedicated to the program for replacement/renewal of existing sanitary sewers funded by a surcharge on the monthly sewer service charge established in November 2005. This program is set up to fund and replace/renew approximately 30 lineal miles of lines of sewer mainlines over a 30-year period in various locations of Beaverton. Staff will plan, design, and manage construction contracts for the planned capital improvements. Use of new and emerging "trenchless" technologies will be employed by staff to accomplish the replacement/renewal goals, which can reduce costs, traffic disruption and traffic delays on busy streets.

Continuing emphasis will be placed on methods and procedures to remove sources of infiltration (ground water leaking into the sanitary sewer system through pipe cracks and broken seals), inflow (storm water entering into the sanitary sewer system through unauthorized connections), and inappropriate crawlspace sump pump connections (sump pumps located in crawlspaces of homes connected into the sanitary sewer system not allowed by the plumbing code).

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE	**PROGRAM MANAGER:** TERRY PRIEST

Program Goal:
To provide a wastewater collection system that provides a safe and reliable conveyance mechanism for wastewater materials. Complete annual inspections of public wastewater lines to satisfy the requirements of the Clean Water Act as administered by the Oregon Department of Environmental Quality (DEQ) and Clean Water Services (CWS). Eliminate wastewater system blockages and overflows by routinely inspecting known problem areas of the lines and by actively managing a program to eliminate the discharge of Fats, Oils and Greases (FOG) into the city's wastewater system.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	6.94	6.44	6.60	6.50	0.00
PERSONNEL SERVICES	$786,863	$737,504	$828,892	$872,170	$0
MATERIALS & SERVICES	1,265,073	1,330,351	308,702	306,220	0
CAPITAL OUTLAY	31,117	9,555	518,685	324,300	0
TRANSFERS	935,852	966,439	980,074	1,077,109	0
CONTINGENCY	0	0	7,790,257	7,166,020	0
TOTAL	**$3,018,905**	**$3,043,849**	**$10,426,610**	**$9,745,819**	**$0**

This budget document reflects data reported to Clean Water Services (CWS) and the Department of Environmental Quality (DEQ). Key maintenance activities include cleaning the sanitary sewer collection system with high velocity water pressure, video scanning the trunk lines with self-propelled closed circuit cameras, removing roots through chemical treatment and cutting, assisting citizens with specific problems and, tracking and maintaining data on an asset management system for future use by citizens, contractors and other city departments.

SEWER INVENTORY SUMMARY

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19*
Linear Feet of Sewer Pipe	1,510,000	1,511,250	1,454,335	1,454,421
Number of Manholes	8,020	8,082	7,768	7,779
Number of Clean-outs	440	449	461	461

**See Performance outcomes and Program trends for explanation*

Program Objectives:	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budgeted/Revised	FY 2018-19 Proposed
Routine Line Cleaning: Clean & remove debris from the sanitary sewer system every 4 years - lineal feet (LF)	379,000	365,000	363,585 / 363,585	363,605
Non-Routine Line Cleaning: Lines that require more frequent cleaning. (roots, flat grade, FOG) - LF	88,818	80,000	80,000 / 80,000	80,000
Video Inspection: Inspection of the sanitary sewer system every 8 years. - LF	190,000	188,906	181,795 / 181,795	181,802
Stream Corridor Surface inspections: Inspect bi-annually manholes (MH) that are off the street, along waterways or with limited access.	251 MH	251 MH	251 MH / 251 MH	254 MH

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE	**PROGRAM MANAGER:** TERRY PRIEST

Progress on FY 2017-18 Action Plan:
As part of the Council Priorities: *Enhance communication to Council about upcoming events - cover the events well and represent at all events*, the Sewer Maintenance section attended several events (Public Works Week, Picnic at the parks, Big Truck Day) with heavy equipment. Employees engaged with all who attended and educated them on the things we do at operations. In addition we handed out flyers that explain the services we provide i.e. an effective Fats, Oil and Grease program, Video inspection and ratings of the pipe and structures for planning and line cleaning to prevent Sanitary Sewer Overflows.

This year we experienced one major sewer overflow on Railroad Ave off of Multinomah Blvd. A crew responding to a surcharging manhole found a major overflow resulting from an error by the City of Portland who left a relief valve from their force main open resulting in an estimated 100,000 to 200,000 gallons of sewerage to flow to Woods creek. The City crews were recognized for their quality work in the containment and clean up process.

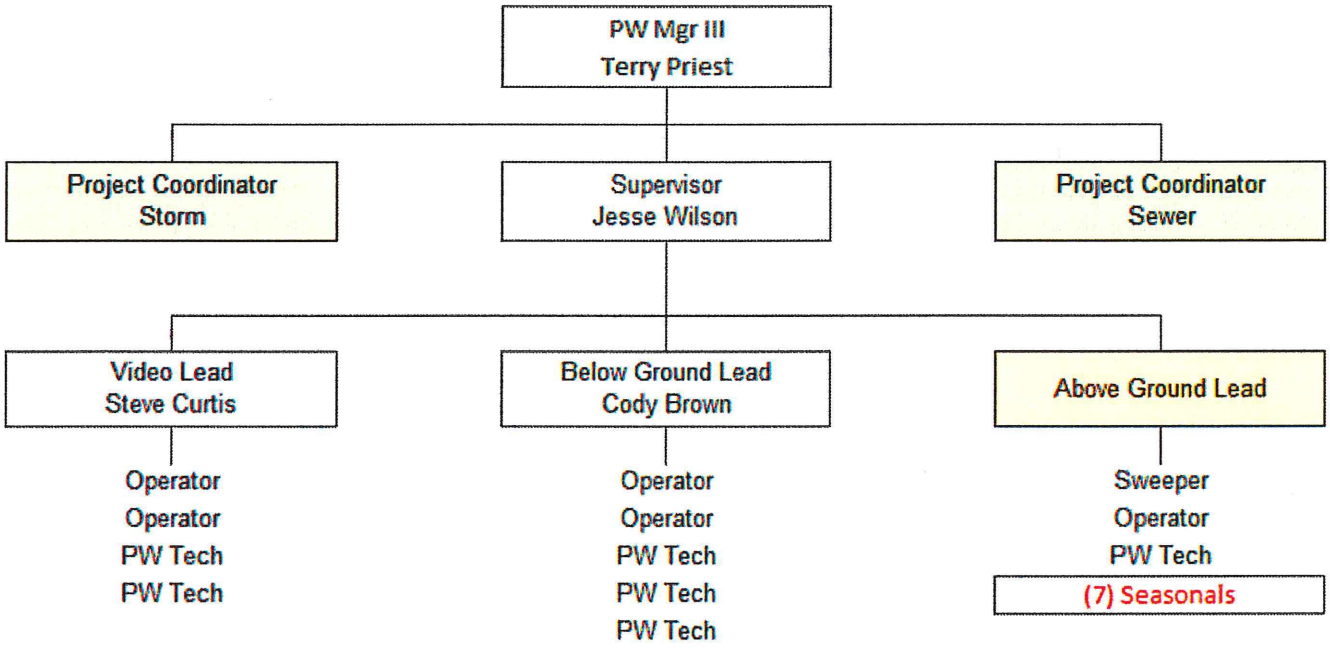
Performance Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Total footage of sanitary system pipe cleaned per quarter - lineal feet (LF)	117,000	91,250	91,000 / 91,000	91,000
Percent of sanitary system pipe cleaned annually	31%	31%	31% / 31%	31%
Total footage of sanitary system pipe inspected per quarter - LF	47,500	47,227	47,300 / 47,300	47,300
Percent of sanitary system pipe inspected annually	13%	13%	12.5% / 12.5%	12.5%
Total number of Stream Corridor Surface inspections	251 MH	191 MH	133 MH / 133 MH	127 MH

Performance Outcomes and Program Trends:
Under the National Pollutant Discharge Elimination System (NPDES) permit issued to CWS, the city is obligated by an intergovernmental agreement to clean the entire sanitary sewer system within its corporate boundaries a minimum of every four years and problem lines as necessary. The city must also do video inspections of the system every eight years, utilizing the current nationally recognized pipe scoring system. The sewer maintenance section focuses inspection on older and problem pipes to assist in developing data for the Sewer Master plan for the City.

Ultimately the goal is to operate the collection system without having any sewer overflows. In order to eliminate grease related blockages and the maintenance costs associated with grease problems, a FOG program has now been active for more than eight years. The sewer staff contacts apartment owners and other businesses as needed in areas with known FOG problems to establish the most effective maintenance frequency for their grease removal device.

This year we are proposing to separate the duties in the existing Program Coordinator position in Sewer and convert the Engineering Technician II position to a Program Coordinator position in Storm. The Sewer Program Coordinator position would be responsible for the Fats Oil and Grease program and managing the locate program. The Storm Program Coordinator position will be responsible for the Private and Public Water Quality Facility Programs and the Creek enhancement program. In addition a Storm Technician position will be reclassified to Public Works Lead (Storm, above ground) in recognition of the work currently being done in an out of class assignment. These changes will be made without adding additional staff, positions will be reclassified to better represent the work being performed.

Sewer & Storm Organizational Chart 2018



CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 502 SEWER	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0757 SEWER CONSTRUCTION	**PROGRAM MANAGER:** MARK OLSON

Program Goal:
To improve the city's sanitary sewer infrastructure with a cost-effective repair program including line repair, manhole repair and replacement, correction of chronic system problems and other related construction activities. These projects promote city-wide beautification through replacement of deficient underground infrastucture which enhances reliability and reduces sewage overflows.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	3.25	1.75	2.17	2.17	0.00
PERSONNEL SERVICES	$326,314	$137,425	$223,104	$240,836	$0
MATERIALS & SERVICES	24,649	26,953	176,700	157,200	0
CAPITAL OUTLAY	25,925	0	77,000	10,000	0
TRANSFERS	6,746	18,390	19,278	22,307	0
TOTAL	**$383,634**	**$182,768**	**$496,082**	**$430,343**	**$0**

Program Objectives:
Perform structural repairs to improve performance of the sanitary sewer system and to maintain system integrity. Such activities are an essential element in achieving a reliable and compliant underground infrastructure.

Progress on FY 2017-18 Action Plan:
The construction crew continued to repair and replace deficiencies found through maintenance activities to existing infrastructure and complete rehabilition projects identified by maintenance video inspection and the engineering division. Responded to two sanatary sewer overflows.

FY 2018-19 Action Plan:
- Work with engineering to develop a 5 year plan for pipe and structural repairs identified by maintenance and the Sewer master plan (in progress)
- Assist in responding to sanitary sewer overflows as needed.

Performance Measures:	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budgeted/Revised	FY 2018-19 Proposed
Repairs to existing sewer lines	3	3	3 / 4	3
Rehabilitation project structures	2	8	3 / 5	3
Number of structure repairs per year	80	79	90 / 32	60

Performance Outcomes and Program Trends:

This program involves routine construction to rehabilitate, repair, and replace deficient or failing pipes and structures. Perform maintenance repairs as recommended by sewer maintenance video inspection. Perform small projects as identified.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-8,054,015		-8,075,808		-8,995,209		-8,995,209	-8,995,209	-7,958,886		-7,959,486			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-8,054,015		-8,075,808		-8,995,209		-8,995,209	-8,995,209	-7,958,886		-7,959,486			
CLASS: 15 INTERGOVERNMENTAL REVENUE														
329 OTHER INTERGOVERNMENTAL REV														
	-25,680				-739,000			-285,000	-668,000		-668,000			
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE														
	-25,680				-739,000			-285,000	-668,000		-668,000			
CLASS: 20 PERMITS & FEES														
357 SEWER CONNECTION FEES														
	-95,867		-112,880		-125,000		-101,995	-125,000	-125,000		-125,000			
TOTAL CLASS: 20 PERMITS & FEES														
	-95,867		-112,880		-125,000		-101,995	-125,000	-125,000		-125,000			
CLASS: 25 SERVICE FEES														
363 SEWER SERVICE SALES														
	-3,588,926		-3,751,420		-3,112,095		-3,219,824	-2,800,000	-2,885,000		-2,885,000			
367 UTILITY SURCHARGE														
	-1,219,951		-1,232,038		-1,245,000		-943,640	-1,245,000	-1,250,000		-1,250,000			
369 UTILITY SALES ALLOWANCES														
	34,439		27,226		50,000		46,756	40,000	50,000		50,000			
TOTAL CLASS: 25 SERVICE FEES														
	-4,774,438		-4,956,232		-4,307,095		-4,116,708	-4,005,000	-4,085,000		-4,085,000			
CLASS: 35 MISCELLANEOUS REVENUES														
382 SALE OF CITY PROPERTY														

0804

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	-5,407		-9,880				-29,743	-28,698						
384 INVESTMENT INTEREST EARNINGS														
	-60,267		-107,656		-106,100		-125,652	-175,600	-196,900		-196,900			
389 MISCELLANEOUS REVENUES														
	-234		-8,475											
394 MISC INTEREST EARNINGS														
	-28,364		-25,562		-27,300			-27,300	-28,000		-28,000			
398 SRVS PROVIDED TO OTHER FUNDS														
	-56,824		-93,061		-50,000		-120,328	-100,000	-50,000		-50,000			
399 REIMBURSEMENTS - OTHER														
			-116				-171	-171						
756 PERS RSRV DISTRIB-NON GAAP REV														
	-21,065													
757 MED/LIFE INS PREM REFUND DISTRIBUTION														
	-12,433		-7,939				-4,769	-4,769						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-184,594		-252,689		-183,400		-280,663	-336,538	-274,900		-274,900			
TOTAL DEPARTMENT: 03 REVENUE														
	-13,134,594		-13,397,609		-14,349,704		-13,494,575	-13,746,747	-13,111,786		-13,112,386			

0805

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
046 PRINCIPAL ENGINEER														
	32,431	.25	33,040	.25	33,664	.25	26,307	33,165	34,510	.25	34,510	.25		
051 CITY ENGINEER														
	16,178	.34	40,079	.34	43,032	.34	33,550	43,036	45,188	.34	45,188	.34		
084 PROJECT ENGINEER 1														
	192,100	2.10	172,982	2.10	201,453	2.10	157,214	199,660	206,709	2.10	206,709	2.10		
221 SUPPORT SPECIALIST 2														
	10,389	.25	11,005	.25	11,818	.25	9,316	11,831	12,825	.25	12,825	.25		
299 PAYROLL TAXES AND FRINGES														
	133,623		127,417		164,263		131,868	164,884	178,499		185,168			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	384,721	2.94	384,523	2.94	454,230	2.94	358,255	452,576	477,731	2.94	484,400	2.94		
CLASS: 10 MATERIALS & SERVICES														
305 SPECIAL DEPARTMENT SUPPLIES														
					400		100	400	400		400			
307 MEMBERSHIP FEES														
	235		663		2,080			800	1,775		1,775			
317 COMPUTER EQUIPMENT														
	2,700								365		365			
318 COMPUTER SOFTWARE														
					2,250		2,000	2,000						
321 TRAVEL,TRAINING & SUBSISTENCE														
	1,242		1,886		5,000		1,085	5,000	10,250		10,250			
330 MILEAGE REIMBURSEMENT														
					50			75	200		200			
341 COMMUNICATIONS EXPENSE														
	231		740											
361 UNIFORMS & SPECIAL CLOTHING														

0080

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					450		398	450	450		450			
511 PROFESSIONAL SERVICES														
	27,869		23,982		52,000		42,930	50,000	35,000		35,000			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	32,277		27,271		62,230		46,513	58,725	48,440		48,440			
CLASS: 25 TRANSFERS														
816 TRSFRS TO REPROGRAPHICS FUND														
	805		759		826		637	826	1,387		1,387			
835 TRSFR TO GF, BVTN BLDG OPERATIONS														
					25,834		21,528	25,834	12,917		12,917			
836 TRSFR TO GF, BVTN BLDG DEBT SVC														
					34,376		28,647	34,376	12,992		12,992			
TOTAL CLASS: 25 TRANSFERS														
	805		759		61,036		50,812	61,036	27,296		27,296			
TOTAL DEPARTMENT: 72 CAPITAL DEVELOPMNT-ENGINEERING														
	417,803	2.94	412,553	2.94	577,496	2.94	455,580	572,337	553,467	2.94	560,136	2.94		

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
682 CONSTRUCTION														
	811,410		252,018		1,781,686		843,047	1,021,000	1,607,000		1,607,000			
683 CONST DESIGN & ENGR INSPECTION														
	123,686		170,854		688,621		304,980	750,274	370,000		370,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	935,096		422,872		2,470,307		1,148,027	1,771,274	1,977,000		1,977,000			
TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS														
	935,096		422,872		2,470,307		1,148,027	1,771,274	1,977,000		1,977,000			

0808

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
049 PROG COORDINATOR -PUBLIC WORKS														
	72,706	1.00	88,865	1.00	45,737	1.00		25,719	61,537	1.00	61,537	1.00		
057 PUBLIC WORKS SUPERVISOR														
	27,715	.50	33,734	.75	35,406	.50	30,167	37,994	41,475	.50	41,475	.50		
112 PUBLIC WORKS MANAGER 3														
	64,364	.59	38,446	.34	81,191	.83	68,147	85,979	90,254	.83	90,254	.83		
170 PUBLIC WORKS LEAD														
	39,937	.50	32,189	.50	61,789	.84	39,842	50,611	55,797	.84	55,797	.84		
176 PUBLIC WORKS EQUIPMNT OPERATOR														
	286,614	4.50	174,337	2.50	161,011	2.50	137,431	161,213	162,451	2.50	162,451	2.50		
177 PUBLIC WORKS TECHNICIAN														
	164,732	3.00	151,256	3.00	166,594	3.00	120,586	163,569	169,126	3.00	169,126	3.00		
188 INVENTORY CONTROL TECHNICIAN														
	5,013	.10	5,502	.10	5,922	.10	4,882	6,269						
215 UTILITY WORKER														
							7,225							
274 SEASONAL WORKFORCE														
	15,215		5,515		43,000		12,603	30,000	33,000		33,000			
275 TEMPORARY EMPLOYEES														
	14,665		6,786		27,000		27,085	47,059	22,000		22,000			
299 PAYROLL TAXES AND FRINGES														
	422,216		338,299		424,346		299,995	401,631	464,674		477,366			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	1,113,177	10.19	874,929	8.19	1,051,996	8.77	747,963	1,010,044	1,100,314	8.67	1,113,006	8.67		
CLASS: 10 MATERIALS & SERVICES														
303 OFFICE FURNITURE & EQUIPMENT														
					2,750		2,948	2,948	1,400		1,400			
304 DEPARTMENT EQUIPMENT EXPENSE														

6080

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	9,861		8,807		14,810		8,018	13,000	14,000		14,000			
305	SPECIAL DEPARTMENT SUPPLIES													
	30,862		28,452		31,250		21,479	27,500	30,600		30,600			
307	MEMBERSHIP FEES													
	1,151		455		450			450	300		300			
317	COMPUTER EQUIPMENT													
	4,050		381						3,000		3,000			
318	COMPUTER SOFTWARE													
			12,177		1,000		1,480	1,480						
321	TRAVEL,TRAINING & SUBSISTENCE													
	7,561		6,918		6,950		4,638	6,950	7,200		7,200			
328	MEALS & RELATED EXPENSE													
	105		705											
341	COMMUNICATIONS EXPENSE													
	97													
351	UTILITIES EXPENSE													
					150			150	150		150			
361	UNIFORMS & SPECIAL CLOTHING													
	4,951		6,094		5,100		4,055	4,504	5,550		5,550			
419	CHEMICAL & LABORATORY SUPPLIES													
	934		332		2,000		1,975	2,000	2,000		2,000			
425	DUMPING EXPENSES													
	320		5,598		3,000		558	3,000	3,000		3,000			
434	CONSTRUCTION MATERIALS													
	2,381		11,310		35,000			5,000	35,000		35,000			
461	SPECIAL EXPENSE													
	125		77		100			100	100		100			
511	PROFESSIONAL SERVICES													
	95,592		82,266		174,500		98,357	154,000	149,500		149,500			
512	CITY RIGHT OF WAY FEES													
	1,129,200		1,191,268		202,342		143,544	200,000	206,000		206,000			

0810

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
551 RENTS AND LEASES														
	2,532		2,464		6,000		2,536	5,950	5,620		5,620			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	1,289,722		1,357,304		485,402		289,588	427,032	463,420		463,420			
CLASS: 15 CAPITAL OUTLAY														
641 VEHICLES														
	31,117								324,300		324,300			
671 EQUIPMENT														
	25,925		9,555		595,685		540,060	557,000	10,000		10,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	57,042		9,555		595,685		540,060	557,000	334,300		334,300			
CLASS: 25 TRANSFERS														
801 TRSFR TO GENERAL FD - OVERHEAD														
	231,004		253,271		222,162		185,135	222,162	241,331		241,331			
802 TRSFR TO GENERAL FD-ACCOUNTING														
	69,556		46,631		28,616		23,847	28,616	62,355		62,355			
803 TRSFR TO GENERAL FD-LANDSCAPE														
	12,723		13,871		16,043		13,369	16,043	16,734		16,734			
804 TRSFR - OPERATIONS ADMIN														
	154,762		163,634		117,488		97,907	155,561	131,538		131,538			
805 TRSFR TO G/F BLDG MAINT														
	9,338		8,775		9,471		7,893	9,471	8,199		8,199			
808 TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)														
	69,124		84,496		97,453		81,211	97,453	105,662		105,662			
817 TRSFRS TO GARAGE FUND														
	114,794		117,391		148,633		70,952	148,633	143,297		143,297			
818 TRSFRS TO ISD-ALLOCATED														
	171,171		153,597		194,849		162,374	194,849	225,663		225,663			

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 502 SEWER FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
819 TRSFRS TO INSURANCE FUND														
	110,126		143,163		164,637		137,198	164,637	164,637		164,637			
840 TRSFR TO INSURANCE FUND, WC														
								77,400						
TOTAL CLASS: 25 TRANSFERS														
	942,598		984,829		999,352		779,886	1,114,825	1,099,416		1,099,416			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
986 RESERVE - DEDICATED SURCHARGES														
					2,931,739				3,806,196		3,806,196			
991 CONTINGENCY - UNRESERVED														
					3,434,025				2,392,715		2,331,061			
994 RESERVE - SDC														
					664,972				645,987		645,987			
996 RESERVE - EQUIPMENT REPLACEMT														
					759,521				382,776		382,776			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					7,790,257				7,227,674		7,166,020			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	3,402,539	10.19	3,226,617	8.19	10,922,692	8.77	2,357,497	3,108,901	10,225,124	8.67	10,176,162	8.67		

0312

SEWER FUND - PUBLIC WORKS
FY 2017-18 ADOPTED

Code	Position Title	Actual FY 16-17	Adopted FY 17-18	New	Transfer	Reclass	Deleted	Ending FY 17-18
46	PRINCIPAL ENGINEER	0.25	0.25					0.25
49	PROG COORDINATOR -PUBLIC WORKS	1.00	1.00					1.00
51	CITY ENGINEER	0.34	0.34					0.34
57	PUBLIC WORKS SUPERVISOR	0.75	0.50					0.50
84	PROJECT ENGINEER 1	2.10	2.10					2.10
112	PUBLIC WORKS MANAGER 3	0.34	0.83					0.83
170	PUBLIC WORKS LEAD	0.50	0.84					0.84
176	PUBLIC WORKS EQUIPMNT OPERATOR	2.50	2.50					2.50
177	PUBLIC WORKS TECHNICIAN	3.00	3.00					3.00
188	INVENTORY CONTROL TECHNICIAN	0.10	0.10					0.10
221	SUPPORT SPECIALIST 2	0.25	0.25					0.25
	Total	**11.13**	**11.71**	**0.00**	**0.00**	**0.00**	**0.00**	**11.71**

FY 2018-19 PROPOSED

Code	Position Title	Ending FY 17-18	New	Transfer	Reclass	Deleted	Proposed FY 18-19
46	PRINCIPAL ENGINEER	0.25					0.25
49	PROG COORDINATOR -PUBLIC WORKS	1.00					1.00
51	CITY ENGINEER	0.34					0.34
57	PUBLIC WORKS SUPERVISOR	0.50					0.50
84	PROJECT ENGINEER 1	2.10					2.10
112	PUBLIC WORKS MANAGER 3	0.83					0.83
170	PUBLIC WORKS LEAD	0.84					0.84
176	PUBLIC WORKS EQUIPMNT OPERATOR	2.50					2.50
177	PUBLIC WORKS TECHNICIAN	3.00					3.00
188	INVENTORY CONTROL TECHNICIAN	0.10		(0.10) [a]			0.00
221	SUPPORT SPECIALIST 2	0.25					0.25
	Total	**11.71**	**0.00**	**(0.10)**	**0.00**	**0.00**	**11.61**

[a] FY 18-19 reallocates the Inventory Control Technician position from being split between General Fund, Street Fund, Water Fund, Sewer Fund, and the Storm Drain Fund to 100% in the Garage Fund.

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	8,054,015		8,075,808		8,995,209		8,995,209	7,958,886		7,959,486			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	8,054,015		8,075,808		8,995,209		8,995,209	7,958,886		7,959,486			
CLASS: 15 INTERGOVERNMENTAL REVENUE													
329 OTHER INTERGOVERNMENTAL REV													
	25,680				739,000		285,000	668,000		668,000			
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE													
	25,680				739,000		285,000	668,000		668,000			
CLASS: 20 PERMITS & FEES													
357 SEWER CONNECTION FEES													
	95,867		112,880		125,000		125,000	125,000		125,000			
TOTAL CLASS: 20 PERMITS & FEES													
	95,867		112,880		125,000		125,000	125,000		125,000			
CLASS: 25 SERVICE FEES													
363 SEWER SERVICE SALES													
	3,588,926		3,751,420		3,112,095		2,800,000	2,885,000		2,885,000			
367 UTILITY SURCHARGE													
	1,219,951		1,232,038		1,245,000		1,245,000	1,250,000		1,250,000			
369 UTILITY SALES ALLOWANCES													
	-34,439		-27,226		-50,000		-40,000	-50,000		-50,000			
TOTAL CLASS: 25 SERVICE FEES													
	4,774,438		4,956,232		4,307,095		4,005,000	4,085,000		4,085,000			
CLASS: 35 MISCELLANEOUS REVENUES													
382 SALE OF CITY PROPERTY													
	5,407		9,880				28,698						

0814

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
301	BEGINNING WORKING CAPITAL
329	OTHER INTERGOVERNMENTAL REV FY 2017-18 FROM CWS: 6006 ERICKSON TRUNK UPSIZING BUDGETED $200,000; ESTIMATED - $200,000 5092A 175TH AVE (ALVORD - SCHOLLS) ROAD IMPROVEMENT BUDGETED $71,000; ESTIMATED $85,000 6099 SOUTH COOPER MTN ADDTL CAPACITY IMPROVEMENT BUDGETED - $468,000; ESTIMATED - $0 FY 2018-19 FROM CWS: 6006 ERIKSON TRUNK UPSIZING (6TH ST - 10TH ST) $200,000 6099 SOUTH COOPER MTN (WEST) ADDITIONAL CAPACITY IMPROVEMENT (12" - 24") $468,000
357	SEWER CONNECTION FEES SDC'S COLLECTED AND SPLIT WITH CLEAN WATER SERVICES (CWS) 96% AND CITIES 4% FY 15-16 BUDGET IS BASED UPON 125 SINGLE FAMILY RESIDENTIAL UNITS, 210 MULTI FAMILY UNITS AND 10 NEW COMMERCIAL BUILDINGS FY 16-17 BUDGET IS BASED UPON 100 SINGLE FAMILY RESIDENTIAL UNITS, 440 MULTI FAMILY UNITS AND 10 NEW COMMERCIAL BUILDINGS FY 17-18 BUDGET IS BASED UPON 130 SINGLE FAMILY RESIDENTIAL UNITS, 440 MULTI FAMILY UNITS AND 15 NEW COMMERCIAL BUILDINGS FY 18-19 BUDGET IS BASED UPON 150 SINGLE FAMILY RESIDENTIAL UNITS, 540 MULTI FAMILY UNITS AND 15 NEW COMMERCIAL BUILDINGS
363	SEWER SERVICE SALES CLEAN WATER SERVICES AGENCY SETS THE SEWER RATES FOR THE REGION FY 15-16 REFLECTS A 3% RATE INCREASE WITH CITY RETAINING 16.385% AND CWS PORTION 83.615% FY 16-17 REFLECTS A 3% RATE INCREASE WITH CITY RETAINING 16.385% AND CWS PORTION 83.615% FY 17-18 REFLECTS A 3% RATE INCREASE WITH CITY RETAINING 16.4% AND CWS PORTION 83.6% FY 18-19 REFELCTS A 3% RATE INCREASE WITH CITY RETAINING 16.4% AND CWS PORTION 83.6%
367	UTILITY SURCHARGE $2 PER EDU SURCHARGE DEDICATED TO THE SEWER LINE RENEWAL AND REPLACEMENT PROGRAM
369	UTILITY SALES ALLOWANCES ADJUSTMENTS TO A CUSTOMER'S WINTER WATER AVERAGE FOR LEAKS, VARIOUS BILLING ADJUSTMENTS, WRITE OFF OF UNCOLLECTIBLE ACCOUNTS, AND NSF HANDLING CHARGES
382	SALE OF CITY PROPERTY SALE OF SURPLUS EQUIPMENT AND VEHICLES

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
384	INVESTMENT INTEREST EARNINGS												
	60,267		107,656		106,100		175,600	196,900		196,900			
389	MISCELLANEOUS REVENUES												
	234		8,475										
394	MISC INTEREST EARNINGS												
	28,364		25,562		27,300		27,300	28,000		28,000			
398	SRVS PROVIDED TO OTHER FUNDS												
	56,824		93,061		50,000		100,000	50,000		50,000			
399	REIMBURSEMENTS - OTHER												
			116				171						
756	PERS RSRV DISTRIB-NON GAAP REV												
	21,065												
757	MED/LIFE INS PREM REFUND DISTRIBUTION												
	12,433		7,939				4,769						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	184,594		252,689		183,400		336,538	274,900		274,900			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	13,134,594		13,397,609		14,349,704		13,746,747	13,111,786		13,112,386			
TOTAL DEPARTMENT: 03 REVENUE													
	13,134,594		13,397,609		14,349,704		13,746,747	13,111,786		13,112,386			

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

384 INVESTMENT INTEREST EARNINGS

INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50%
FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

389 MISCELLANEOUS REVENUES

394 MISC INTEREST EARNINGS

REVENUES FROM DELINQUENT CHARGES ASSESSED THROUGH THE CITY'S UTILITY BILLING SYSTEM

398 SRVS PROVIDED TO OTHER FUNDS

REIMBURSEMENTS RECEIVED FROM OTHER FUNDS FOR PROVIDING IN-HOUSE ENGINEERING AND CAPITAL PROJECT CONSTRUCTION AND UTILITY LOCATE PROGRAM SERVICES.

399 REIMBURSEMENTS - OTHER

756 PERS RSRV DISTRIB-NON GAAP REV

RETIREMENT RESERVE $1 MILLION DISTRIBUTION TO OPERATING FUNDS

757 MED/LIFE INS PREM REFUND DISTRIBUTION

MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTIBUTION TO OPERATING FUNDS

City of Beaverton - Finance
Budget Preparation - 2019

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
046 PRINCIPAL ENGINEER													
	32,431	.25	33,040	.25	33,664	.25	33,165	34,510	.25	34,510	.25		
051 CITY ENGINEER													
	16,178	.34	40,079	.34	43,032	.34	43,036	45,188	.34	45,188	.34		
084 PROJECT ENGINEER 1													
	192,100	2.10	172,982	2.10	201,453	2.10	199,660	206,709	2.10	206,709	2.10		
221 SUPPORT SPECIALIST 2													
	10,389	.25	11,005	.25	11,818	.25	11,831	12,825	.25	12,825	.25		
299 PAYROLL TAXES AND FRINGES													
	133,623		127,417		164,263		164,884	178,499		185,168			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	384,721	2.94	384,523	2.94	454,230	2.94	452,576	477,731	2.94	484,400	2.94		
CLASS: 10 MATERIALS & SERVICES													
305 SPECIAL DEPARTMENT SUPPLIES													
					400		400	400		400			
307 MEMBERSHIP FEES													
	235		663		2,080		800	1,775		1,775			
317 COMPUTER EQUIPMENT													
	2,700							365		365			
318 COMPUTER SOFTWARE													
					2,250		2,000						
321 TRAVEL,TRAINING & SUBSISTENCE													
	1,242		1,886		5,000		5,000	10,250		10,250			
330 MILEAGE REIMBURSEMENT													
					50		75	200		200			
341 COMMUNICATIONS EXPENSE													
	231		740										
361 UNIFORMS & SPECIAL CLOTHING													
					450		450	450		450			
511 PROFESSIONAL SERVICES													
	27,869		23,982		52,000		50,000	35,000		35,000			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	32,277		27,271		62,230		58,725	48,440		48,440			

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
046	PRINCIPAL ENGINEER POSITION IS ALLOCATED .40 FTE 501-72-0740 / .25 FTE 502-72-0740 / .25 FTE 513-72-0740 / AND .10 FTE 001-72-0703.
051	CITY ENGINEER POSITION ALLOCATED 34% 502-72-0740, 33% 513-72-0740 AND 33% 101-72-0735.
084	PROJECT ENGINEER 1 FY 16-17 REFLECTS DECREASE DUE TO POSITION VACANCY DURING THE YEAR.
221	SUPPORT SPECIALIST 2 POSITION IS ALLOCATED .50 FTE 501-72-0740 / .25 FTE 502-72-0740 / .25 FTE 513-72-0740.
299	PAYROLL TAXES AND FRINGES PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING: 37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET) 24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
305	SPECIAL DEPARTMENT SUPPLIES MISCELLANEOUS SUPPLIES AND MATERIALS $400
307	MEMBERSHIP FEES 1 - DEQ GRADE 4 WASTEWATER SYSTEM OPR CERT $300 4 - PROFESSIONAL. ENGINEER LICENSE RENEWAL ($200/EA) (AJ, GH, FH, TW) $800 1 - OAWU (OREGON ASSOCIATION OF WATER UTILITIES) $75 3 - AMERICA PUBLIC WORKS ASSOCIATION MEMBERSHIP ($200EA) (FH, TW, GH) $600
317	COMPUTER EQUIPMENT 27 INCH MONITOR (UHD) $365
318	COMPUTER SOFTWARE NO APPROPRIATION REQUESTED
321	TRAVEL,TRAINING & SUBSISTENCE TRAVEL EXPENSES FOR CIVIL 3D TRAINING $500 2- TRAVEL AND TRAINING TO MAINTAIN ENGINEERING LICENSE (2 PROJ ENGS) $1,350 1- TRAVEL AND TRAINING TO MAINTAIN ENGINEERING LICENSE (CITY ENGINEER) $900 3- AMERICAN PUBLIC WORKS ASSOCIATION CONFERENCE (2 PE, 1 ASSOC ENG) $4,500 2 - PNWS-AWWA CONFERENCE REGISTRATION AND EXPENSES ($1,500EA) (2 PE) $3,000
330	MILEAGE REIMBURSEMENT USE OF PERSONAL VEHICLE BY CITY ENGINEER FOR CITY BUSINESS $200
341	COMMUNICATIONS EXPENSE FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND
361	UNIFORMS & SPECIAL CLOTHING 3 - RAINGEAR, FOOTWEAR, CLOTHING, JACKETS, HARD HATS, VESTS & SAFETY EQUIP ($150/EMP) $450
511	PROFESSIONAL SERVICES CONSULTING SERVICES FOR MODELING AND MAPPING OF SMALL PROJECTS $20,000 IN-HOUSE LOCATE CHARGES $15,000

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 25 TRANSFERS													
816 TRSFRS TO REPROGRAPHICS FUND													
	805		759		826		826	1,387		1,387			
835 TRSFR TO GF, BVTN BLDG OPERATIONS													
					25,834		25,834	12,917		12,917			
836 TRSFR TO GF, BVTN BLDG DEBT SVC													
					34,376		34,376	12,992		12,992			
TOTAL CLASS: 25 TRANSFERS													
	805		759		61,036		61,036	27,296		27,296			
TOTAL PROGRAM: 0740 ENTERPRISE MGMT & ADMIN													
	417,803	2.94	412,553	2.94	577,496	2.94	572,337	553,467	2.94	560,136	2.94		
TOTAL DEPARTMENT: 72 CAPITAL DEVELOPMNT-ENGINEERING													
	417,803	2.94	412,553	2.94	577,496	2.94	572,337	553,467	2.94	560,136	2.94		

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

816 TRSFRS TO REPROGRAPHICS FUND

ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS $1,387

835 TRSFR TO GF, BVTN BLDG OPERATIONS

BEAVERTON BUILDING OPERATING EXPENSE ALLOCATION FOR FY16-17 AND FY17-18 ($12,917/YR.) BEAVERTON BUILDING OPERATING EXPENSE ALLOCATION FOR FY18-19 $12,917

836 TRSFR TO GF, BVTN BLDG DEBT SVC

BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION FOR FY16-17 AND FY17-18 ($17,188/YR.) BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION FOR FY18-19 $12,992

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
049 PROG COORDINATOR -PUBLIC WORKS													
	72,706	1.00	88,865	1.00	45,737	1.00	25,719	61,537	1.00	61,537	1.00		
057 PUBLIC WORKS SUPERVISOR													
	27,715	.50	12,801	.50	35,406	.50	37,994	41,475	.50	41,475	.50		
112 PUBLIC WORKS MANAGER 3													
	37,892	.34	38,446	.34	55,676	.50	57,819	59,262	.50	59,262	.50		
170 PUBLIC WORKS LEAD													
			32,189	.50	38,233	.50	28,794	31,269	.50	31,269	.50		
176 PUBLIC WORKS EQUIPMNT OPERATOR													
	192,728	3.00	139,720	2.00	128,844	2.00	126,489	128,048	2.00	128,048	2.00		
177 PUBLIC WORKS TECHNICIAN													
	118,459	2.00	120,052	2.00	118,294	2.00	120,018	120,336	2.00	120,336	2.00		
188 INVENTORY CONTROL TECHNICIAN													
	5,013	.10	5,502	.10	5,922	.10	6,269						
215 UTILITY WORKER													
274 SEASONAL WORKFORCE													
	15,215		611		30,000		30,000	33,000		33,000			
275 TEMPORARY EMPLOYEES													
	14,665		6,786		27,000		47,059	22,000		22,000			
299 PAYROLL TAXES AND FRINGES													
	302,470		292,532		343,780		317,527	365,558		375,243			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	786,863	6.94	737,504	6.44	828,892	6.60	797,688	862,485	6.50	872,170	6.50		
CLASS: 10 MATERIALS & SERVICES													
303 OFFICE FURNITURE & EQUIPMENT													
					2,750		2,948	1,400		1,400			
304 DEPARTMENT EQUIPMENT EXPENSE													
	4,591		6,088		6,810		5,000	9,000		9,000			

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

049 PROG COORDINATOR -PUBLIC WORKS

057 PUBLIC WORKS SUPERVISOR
THIS POSITION IS SPLIT 50/50 IN THE SEWER FUND AND THE STORM DRAIN FUND (513-85-0734)

112 PUBLIC WORKS MANAGER 3
POSITION FUNDED BY STREET FUND, STORM DRAIN FUND, AND SEWER FUND.
FY 17-18 FTE REFLECTS INCREASE DUE TO POSITION REALLOCATION DUE TO REORGANIZATION.

170 PUBLIC WORKS LEAD
FY 16-17 REFLECTS REALLOCATION OF 1 FTE PUBLIC WORKS LEAD FROM 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION) TO 50/50 502-85-0753 / 513-85-0734

176 PUBLIC WORKS EQUIPMNT OPERATOR
FY 16-17 REFLECTS REALLOCATION OF 1 FTE PW EQUIPMENT OPERATOR FROM 100% IN 502-85-0753 (SEWER MAINTENANCE) TO 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION).
FY 16-17 REFLECTS DECREASE DUE TO ADOPTED BUDGET INCLUDED $300 PER MONTH MEDICAL OPT-OUT PAY AND OVERTIME THAT IS NOT INCLUDED IN THE ESTIMATE BUDGET.

177 PUBLIC WORKS TECHNICIAN

188 INVENTORY CONTROL TECHNICIAN
FY 2018-19 REFLECTS REDISTRIBUTION OF 1 FTE INVENTORY CONTROL TECH POSITION FROM 25% IN 001-85 / 25% IN 101-85 / 25% IN 501-85 / 10% IN 502-85 / 15% IN 513-85 TO 100% IN THE GARAGE FUND.

215 UTILITY WORKER

274 SEASONAL WORKFORCE
SEASONAL HELP TO ASSIST IN MANHOLE SEALING AND POST AND BRUSH DUTIES

275 TEMPORARY EMPLOYEES
NO APPROPRIATION REQUESTED

299 PAYROLL TAXES AND FRINGES
PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

303 OFFICE FURNITURE & EQUIPMENT
3-OFFICE CHAIRS $600
TABLE $800

304 DEPARTMENT EQUIPMENT EXPENSE
NOZZLES $5,000
LIGHT BOARD FOR EXISTING PICKUP 3-621 $2,500
ARROW BOARD FOR EXISTING VEHICLE 3-621 FOR ADVANCE WARNING IN TRAFFIC $1,500

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
305	SPECIAL DEPARTMENT SUPPLIES												
	24,027		24,035		23,750		20,000	23,100		23,100			
307	MEMBERSHIP FEES												
	1,151		455		450		450	300		300			
317	COMPUTER EQUIPMENT												
	4,050		381					3,000		3,000			
318	COMPUTER SOFTWARE												
			12,177		1,000		1,480						
321	TRAVEL,TRAINING & SUBSISTENCE												
	4,645		3,917		5,000		5,000	5,250		5,250			
328	MEALS & RELATED EXPENSE												
	105		508										
341	COMMUNICATIONS EXPENSE												
	97												
351	UTILITIES EXPENSE												
					150		150	150		150			
361	UNIFORMS & SPECIAL CLOTHING												
	1,287		2,923		3,600		3,004	3,600		3,600			
419	CHEMICAL & LABORATORY SUPPLIES												
	934		332		2,000		2,000	2,000		2,000			
425	DUMPING EXPENSES												
			5,598		1,000		1,000	1,000		1,000			
461	SPECIAL EXPENSE												
	125		77		100		100	100		100			
511	PROFESSIONAL SERVICES												
	93,525		81,360		57,500		47,000	49,000		49,000			
512	CITY RIGHT OF WAY FEES												
	1,129,200		1,191,268		202,342		200,000	206,000		206,000			
551	RENTS AND LEASES												
	1,336		1,232		2,250		2,200	2,320		2,320			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	1,265,073		1,330,351		308,702		290,332	306,220		306,220			

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
305	SPECIAL DEPARTMENT SUPPLIES VIDEO SUPPLIES $5,000 VIDEO CABLE 1500' @ 4.90/FT ($7,500 MOVE TO FLEET) $7,500 ROOT CUTTING AND LINE CLEANING SUPPLIES $1,500 TRAFFIC CONTROL DEVICES $1,500 MISC SMALL TOOLS $1,000 HOSE REPLACEMENT FOR JET ROODER (1,000) & VACTOR (800') @ $3.66/FT ($6,600 MOVE TO FLEET) $6,600
307	MEMBERSHIP FEES DEQ COLLECTION CERTIFICATION (2 @ $150 EA) $300
317	COMPUTER EQUIPMENT LAPTOP REPLACEMENTS (X2) $3,000
318	COMPUTER SOFTWARE NO APPROPRIATION REQUESTED
321	TRAVEL,TRAINING & SUBSISTENCE 4 - SHORT SCHOOL AT CLACKAMAS COMMUNITY COLLEGE (4 @ $225/EA) $900 2 - AWWA CONFERENCE REDMOND WITH 3 NIGHT STAY ($500 REGISTRATION + $1000 T&S) $1,500 4 - AWWA CONFERENCE SEASIDE WITH 3 NIGHT STAY ($1000 REGISTRATION + $1500 T&S) $2,500 2 - PACP USER CONFERENCE @ $100 EACH $200 2 - JET RODDER REFRESHER @ $75 EACH $150
328	MEALS & RELATED EXPENSE FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND
341	COMMUNICATIONS EXPENSE FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND
351	UTILITIES EXPENSE WATER FEES FOR USING TVWD HYDRANTS FOR FLUSH TRUCKS (2 TRUCKS @ $75/EACH) $150
361	UNIFORMS & SPECIAL CLOTHING 6 EMPLOYEES @ $600/EA $3,600
419	CHEMICAL & LABORATORY SUPPLIES GASES FOR ATMOSPHERIC TESTERS $1,500 GREASE AND ROOT ABATEMENT $500
425	DUMPING EXPENSES LANDFILL DEBRIS DISPOSAL $1,000
461	SPECIAL EXPENSE COMMERCIAL DRIVERS LICENSE AND RENEWAL $100
511	PROFESSIONAL SERVICES SPECIALIZED EQUIPMENT REPAIRS OF GAS MONITORS $2,000 VIDEO CAMERA RELATED EQUIPMENT REPAIR $12,000 UNDERGROUND UTILITY LOCATES $35,000
512	CITY RIGHT OF WAY FEES THIS ACCOUNT WAS ESTABLISHED TO ACCOUNT FOR THE PAYMENT IN LIEU OF 5% FRANCHISE FEES TO THE GENERAL FUND.
551	RENTS AND LEASES ARCTIC STORAGE LOT LEASE (12 MONTHS @ $110) $1,320 MISC. RENTS AND LEASES $1,000

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY													
641 VEHICLES													
	31,117							324,300		324,300			
671 EQUIPMENT													
			9,555		518,685		480,000						
TOTAL CLASS: 15 CAPITAL OUTLAY													
	31,117		9,555		518,685		480,000	324,300		324,300			
CLASS: 25 TRANSFERS													
801 TRSFR TO GENERAL FD - OVERHEAD													
	231,004		253,271		222,162		222,162	241,331		241,331			
802 TRSFR TO GENERAL FD-ACCOUNTING													
	69,556		46,631		28,616		28,616	62,355		62,355			
803 TRSFR TO GENERAL FD-LANDSCAPE													
	12,723		13,871		16,043		16,043	16,734		16,734			
804 TRSFR - OPERATIONS ADMIN													
	154,762		163,634		117,488		155,561	131,538		131,538			
805 TRSFR TO G/F BLDG MAINT													
	9,338		8,775		9,471		9,471	8,199		8,199			
808 TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)													
	69,124		84,496		97,453		97,453	105,662		105,662			
817 TRSFRS TO GARAGE FUND													
	108,048		99,001		129,355		129,355	120,990		120,990			
818 TRSFRS TO ISD-ALLOCATED													
	171,171		153,597		194,849		194,849	225,663		225,663			
819 TRSFRS TO INSURANCE FUND													
	110,126		143,163		164,637		164,637	164,637		164,637			
840 TRSFR TO INSURANCE FUND, WC													
							77,400						
TOTAL CLASS: 25 TRANSFERS													
	935,852		966,439		980,074		1,095,547	1,077,109		1,077,109			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
986 RESERVE - DEDICATED SURCHARGES													
					2,931,739			3,806,196		3,806,196			
991 CONTINGENCY - UNRESERVED													
					3,434,025			2,392,715		2,331,061			

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
641	VEHICLES 1 - REPLACEMENT FOR VEHICLE NO. 8-618, (2001 WORKHORSE TV VAN) WITH LIKE TYPE UNIT (COST INCLUDES ALL SEWER LINE TV COMPUTER AND VIDEO EQUIPMENT, AND SAFETY LIGHTING) $235,000 1 - REPLACEMENT FOR VEHICLE NO. 3-613, (2002 CHEVY 2500 PICKUP) WITH FORD F350 4WD PICKUP (COST INCLUDES SAFETY LIGHTING). $36,150 1 - REPLACEMENT FOR VEHICLE NO.6-623, (2007 CHEVY 3500 DUMP VEHICLE) WITH FORD F350 4WD DUMP VEHICLE (COST INCLUDES TOOLBOXES, DUMP BOX, SAFETY AND SAFETY LIGHTING). $53,150
671	EQUIPMENT
801	TRSFR TO GENERAL FD - OVERHEAD ALLOCATION OF OVERHEAD SERVICES PROVIDED BY THE GENERAL FUND
802	TRSFR TO GENERAL FD-ACCOUNTING ALLOCATION OF ACCOUNTING SERVICES PROVIDED BY THE GENERAL FUND
803	TRSFR TO GENERAL FD-LANDSCAPE ALLOCATION OF LANDSCAPE SERVICES PROVIDED BY THE GENERAL FUND
804	TRSFR - OPERATIONS ADMIN ALLOCATION OF SERVICES PROVIDED BY THE OPERATIONS ADMINISTRATION FUND
805	TRSFR TO G/F BLDG MAINT ALLOCATION OF BUILDING MAINTENANCE SERVICES PROVIDED BY THE GENERAL FUND
808	TRSFRS TO GIS PGRM (TO ISD FUND 2018-19) ALLOCATION OF GEOGRAPHICAL INFORMATION SERVICES
817	TRSFRS TO GARAGE FUND ALLOCATION OF FLEET SERVICES (FUEL AND MAINTENANCE) PROVIDED BY THE GARAGE FUND
818	TRSFRS TO ISD-ALLOCATED ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND $183,463 SOFTWARE MAINTENANCE COSTS - ASSET SYSTEM AND UTILITY BILLING $40,000 ENGINEERING SOFTWARE UPGRADES $2,200
819	TRSFRS TO INSURANCE FUND ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE
840	TRSFR TO INSURANCE FUND, WC FY 17-18 REFLECTS PRE-FUNDING OF A WORKER'S COMP. CLAIM SETTLEMENT
986	RESERVE - DEDICATED SURCHARGES FY 2014-15 BUDGET REFLECTS ADDITIONAL APPROPRIATIONS TOTALING $1,018,00 FOR CONSTRUCTION OF WATER, STORM DRAIN AND SANITARY SEWER IMPROVEMENTS IN THE ROYAL WOODLANDS SUBDIVISION II (CIP # 6044) DUE TO REPLACING AND UPGRADING MORE LINEAL FEET OF INFRASTRUCTURE THAN WAS ESTIMATED DURING THE BUDGET DEVELOPMENT PROCESS. THE ADDITIONAL APPROPRIATION IS OFFSET BY FUNDING FROM CLEAN WATER SERVICES ($347,500).
991	CONTINGENCY - UNRESERVED

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
994 RESERVE - SDC													
					664,972			645,987		645,987			
996 RESERVE - EQUIPMENT REPLACEMT													
					759,521			382,776		382,776			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					7,790,257			7,227,674		7,166,020			
TOTAL PROGRAM: 0753 SEWER SYSTEM MAINTENANCE													
	3,018,905	6.94	3,043,849	6.44	10,426,610	6.60	2,663,567	9,797,788	6.50	9,745,819	6.50		

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0753 SEWER SYSTEM MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

994 RESERVE - SDC

RESERVE FOR FUTURE CAPACITY IMPROVEMENT PROJECTS AND RENEWAL AND REHAB PROJECTS.

996 RESERVE - EQUIPMENT REPLACEMT

RESERVE FOR VEHICLE REPLACEMENT, USED IN OPERATION
RESERVE FOR VEHICLE REPLACEMENT, USED IN CONSTRUCTION

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0757 SEWER SYSTEM CONSTRUCTION

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
057 PUBLIC WORKS SUPERVISOR													
			20,933	.25									
112 PUBLIC WORKS MANAGER 3													
	26,472	.25			25,515	.33	28,160	30,992	.33	30,992	.33		
170 PUBLIC WORKS LEAD													
	39,937	.50			23,556	.34	21,817	24,528	.34	24,528	.34		
176 PUBLIC WORKS EQUIPMNT OPERATOR													
	93,886	1.50	34,617	.50	32,167	.50	34,724	34,403	.50	34,403	.50		
177 PUBLIC WORKS TECHNICIAN													
	46,273	1.00	31,204	1.00	48,300	1.00	43,551	48,790	1.00	48,790	1.00		
274 SEASONAL WORKFORCE													
			4,904		13,000								
299 PAYROLL TAXES AND FRINGES													
	119,746		45,767		80,566		84,104	99,116		102,123			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	326,314	3.25	137,425	1.75	223,104	2.17	212,356	237,829	2.17	240,836	2.17		
CLASS: 10 MATERIALS & SERVICES													
304 DEPARTMENT EQUIPMENT EXPENSE													
	5,270		2,719		8,000		8,000	5,000		5,000			
305 SPECIAL DEPARTMENT SUPPLIES													
	6,835		4,417		7,500		7,500	7,500		7,500			
321 TRAVEL,TRAINING & SUBSISTENCE													
	2,916		3,001		1,950		1,950	1,950		1,950			
328 MEALS & RELATED EXPENSE													
			197										

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0757 SEWER SYSTEM CONSTRUCTION

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

057 PUBLIC WORKS SUPERVISOR

FY 16-17 REFLECTS REALLOCATION OF THE PUBLIC WORKS SUPERVISOR POSITION FROM 100% IN 101-85-0732 TO 50% 101-85-0732 / 25% 502-85-0757 / 25% 513-85-0739

112 PUBLIC WORKS MANAGER 3

FY 16-17 REFLECTS RE-ALLOCATION OF PUBLIC WORKS MANAGER 3 THAT WAS ALLOCATED 50/25/25 IN 501-85-0743 / 502-85-0757 / 513-85-0739 TO 50/50 501-85-0743 / 501-85-0742.
FY 17-18 FTE REFLECTS INCREASE DUE TO POSITION REALLOCATION DUE TO REORGANIZATION.

170 PUBLIC WORKS LEAD

FY 16-17 REFLECTS REALLOCATION OF 1 FTE PUBLIC WORKS LEAD FROM 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION) TO 50/50 502-85-0753 / 513-85-0734 (SEWER/STORM MAINTENANCE).
FY 17-18 REFLECTS RECLASSIFICATION OF 1 FTE PW EQUIPMENT OPERATOR IN THE STREET FUND TO 1 FTE PW LEAD THAT IS ALLOCATED 33/34/33 IN STREET / SEWER / STORM FUNDS DUE TO REORGANIZATION.

176 PUBLIC WORKS EQUIPMNT OPERATOR

50% SEWER CONSTRUCTION AND 50% STORM CONSTRUCTION.
FY 16-17 REFLECTS REALLOCATION OF 1 FTE PW EQUIPMENT OPERATOR FROM 100% IN 502-85-0753 (SEWER MAINTENANCE) TO 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION).

177 PUBLIC WORKS TECHNICIAN

50% SEWER CONSTRUCTION AND 50% STORM CONSTRUCTION.
FY 16-17 REFLECTS DECREASE DUE TO POSITION VACANCY AND THEN BEING FILLED AT A LOWER STEP THAN WAS BUDGETED.

274 SEASONAL WORKFORCE

299 PAYROLL TAXES AND FRINGES

PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

304 DEPARTMENT EQUIPMENT EXPENSE

POWER TOOL REPLACEMENT
TRAFFIC SAFETY SUPPLIES
PUMP HOSES
COMBINATION MACHINE TUBE REPLACEMENTS - MOVED TO GARAGE

305 SPECIAL DEPARTMENT SUPPLIES

HAND TOOLS; REPLACEMENT BLADES; CUTTING CHAINS; LOCATE PAINT; PLYWOOD & LUMBER; TRAFFIC CONES AND SIGNS; EROSION CONTROL; BARRICADES; LIFTING STRAPS AND CHAINS.

321 TRAVEL,TRAINING & SUBSISTENCE

1 - SHORT SCHOOL, CLACKAMAS COMMUNITY COLLEGE $225
1 - AWWA CONFERENCE REDMOND WITH 3 NIGHT STAY ($250 REGISTRATION + $400 T&S) $650
1 - VACTOR TRAINING $225
1 - AWWA CONFERENCE NEWPORT WITH 3 NIGHT STAY ($250 REGISTRATION + $500 T&S) $750
1 - PACP USER CONFERENCE $100

328 MEALS & RELATED EXPENSE

FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0757 SEWER SYSTEM CONSTRUCTION

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
361 UNIFORMS & SPECIAL CLOTHING													
	3,664		3,171		1,500		1,500	1,950		1,950			
425 DUMPING EXPENSES													
	320				2,000		2,000	2,000		2,000			
434 CONSTRUCTION MATERIALS													
	2,381		11,310		35,000		5,000	35,000		35,000			
511 PROFESSIONAL SERVICES													
	2,067		906		117,000		107,000	100,500		100,500			
551 RENTS AND LEASES													
	1,196		1,232		3,750		3,750	3,300		3,300			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	24,649		26,953		176,700		136,700	157,200		157,200			
CLASS: 15 CAPITAL OUTLAY													
671 EQUIPMENT													
	25,925				77,000		77,000	10,000		10,000			
TOTAL CLASS: 15 CAPITAL OUTLAY													
	25,925				77,000		77,000	10,000		10,000			
CLASS: 25 TRANSFERS													
817 TRSFRS TO GARAGE FUND													
	6,746		18,390		19,278		19,278	22,307		22,307			
TOTAL CLASS: 25 TRANSFERS													
	6,746		18,390		19,278		19,278	22,307		22,307			
TOTAL PROGRAM: 0757 SEWER SYSTEM CONSTRUCTION													
	383,634	3.25	182,768	1.75	496,082	2.17	445,334	427,336	2.17	430,343	2.17		
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS													
	3,402,539	10.19	3,226,617	8.19	10,922,692	8.77	3,108,901	10,225,124	8.67	10,176,162	8.67		
TOTAL FUND: 502 SEWER FUND													
	5,058,784	14.56	4,402,403	12.76	14,349,704	13.34	5,787,261	13,111,786	13.24	13,112,386	13.67		

0832

BP WORKSHEET & JUSTIFICATION

FUND: 502 SEWER FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0757 SEWER SYSTEM CONSTRUCTION

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

361 UNIFORMS & SPECIAL CLOTHING

RAIN GEAR, SAFETY GLASSES, GLOVES AND BOOTS
3 EMPLOYEES AT $650 EACH $1,950

425 DUMPING EXPENSES

LANDFILL DEBRIS DISPOSAL $2,000

434 CONSTRUCTION MATERIALS

COLD MIX, CONCRETE, ROCK,STRUCTURES, FITTINGS,PIPE AND POLLUTION CONTROL DEVICES.
PIPE AND STRUCTURE REPAIRS FROM CITY WORKS LIST

511 PROFESSIONAL SERVICES

PORTABLE RESTROOM SERVICING, STREET CUTTING AND TRUCKING $2,000
TRAFFIC CONTROL, CORE DRILLING, AND CLEANING COVERALLS $3,000
MANHOLE SEALING AND ADJUSTMENTS FOR OVERLAYS & MAINTENANCE (70 MANHOLES @ $1,150) $80,500
TRAFFIC CONTROL FOR MANHOLE ADJUSTMENTS $5,000
TRUCKING 100 HOURS AT $100 / HOUR $10,000

551 RENTS AND LEASES

MISC. EQUIPMENT RENTAL (EXCAVATOR, FUSION MACHINE,STEEL PLATES, SHORING EQUIPMENT) $2,000
ARCTIC STORAGE LOT LEASE $1,300

671 EQUIPMENT

STANLEY MB05 BREAKER WITH HOSE KIT, MOUNTING TOP, POINTED & CHISEL BITS FOR TAKEUCHI TB260 $10,000

817 TRSFRS TO GARAGE FUND

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
502-72	CAPITAL DEVELOPMNT-ENGINEERING											
502-72-0740-05-046	PRINCIPAL ENGINEER	0.25	532			33,165				33,165	16,905	50,070
502-72-0740-05-051	CITY ENGINEER	0.34	708			43,036				43,036	22,419	65,455
502-72-0740-05-084	PROJECT ENGINEER 1	2.10	4,360			199,660				199,660	120,460	320,120
502-72-0740-05-221	SUPPORT SPECIALIST 2	0.25	522	1		11,797	33			11,831	5,107	16,938
	ENTERPRISE MGMT & ADMIN	2.94	6,122	1		287,658	33			287,692	164,891	452,583
	**** DEPARTMENT TOTAL ****	2.94	6,122	1		287,658	33			287,692	164,891	452,583

0834

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
502-85	PUBLIC WORKS - OPERATIONS											
502-85-0753-05-049	PROG COORDINATOR -PUBLIC	1.00	904			25,719				25,719	20,300	46,019
502-85-0753-05-057	PUBLIC WORKS SUPERVISOR	0.50	1,040	10		37,494	504			37,993	29,633	67,626
502-85-0753-05-112	PUBLIC WORKS MANAGER 3	0.50	1,080			57,815				57,819	35,933	93,752
502-85-0753-05-170	PUBLIC WORKS LEAD	0.50	1,040	11		28,067	549		175	28,794	16,740	45,534
502-85-0753-05-176	PUBLIC WORKS EQUIPMNT	2.00	4,200	55		123,877	2,342		270	126,489	98,459	224,948
502-85-0753-05-177	PUBLIC WORKS TECHNICIAN	2.00	4,210	83		116,044	3,434		540	120,018	100,809	220,827
502-85-0753-05-188	INVENTORY CONTROL TECHNICIAN	0.10	218	7		5,954	283		33	6,269	4,045	10,314
502-85-0753-05-274	SEASONAL WORKFORCE		1,766			29,992			8	30,000	4,360	34,360
502-85-0753-05-275	TEMPORARY EMPLOYEES		1,479	6		46,732	301		26	47,059	7,248	54,307
	SEWER SYSTEM MAINTENANCE	6.60	15,937	172		471,693	7,412		1,052	480,160	317,527	797,687
502-85-0757-05-112	PUBLIC WORKS MANAGER 3	0.33	688			28,162				28,160	12,491	40,651
502-85-0757-05-170	PUBLIC WORKS LEAD	0.34	696	5		21,506	221		92	21,817	17,834	39,651
502-85-0757-05-176	PUBLIC WORKS EQUIPMNT	0.50	1,102	49		32,443	2,150		135	34,724	21,719	56,443
502-85-0757-05-177	PUBLIC WORKS TECHNICIAN	1.00	2,044	10		42,958	323		270	43,551	32,060	75,611
	SEWER SYSTEM CONSTRUCTION	2.17	4,529	63		125,068	2,694		497	128,252	84,104	212,356
	**** DEPARTMENT TOTAL ****	8.77	20,466	235		596,761	10,106		1,549	608,412	401,631	1,010,043

0835

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
502-72	CAPITAL DEVELOPMNT-ENGINEERING											
502-72-0740-05-046	PRINCIPAL ENGINEER	0.25	540			34,510				34,510	18,667	53,177
502-72-0740-05-051	CITY ENGINEER	0.34	708			45,188				45,188	24,860	70,048
502-72-0740-05-084	PROJECT ENGINEER 1	2.10	4,368			206,709				206,709	135,670	342,379
502-72-0740-05-221	SUPPORT SPECIALIST 2	0.25	520	5		12,646	180			12,825	5,971	18,796
	ENTERPRISE MGMT & ADMIN	2.94	6,136	5		299,053	180			299,232	185,168	484,400
	**** DEPARTMENT TOTAL ****	2.94	6,136	5		299,053	180			299,232	185,168	484,400

0836

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

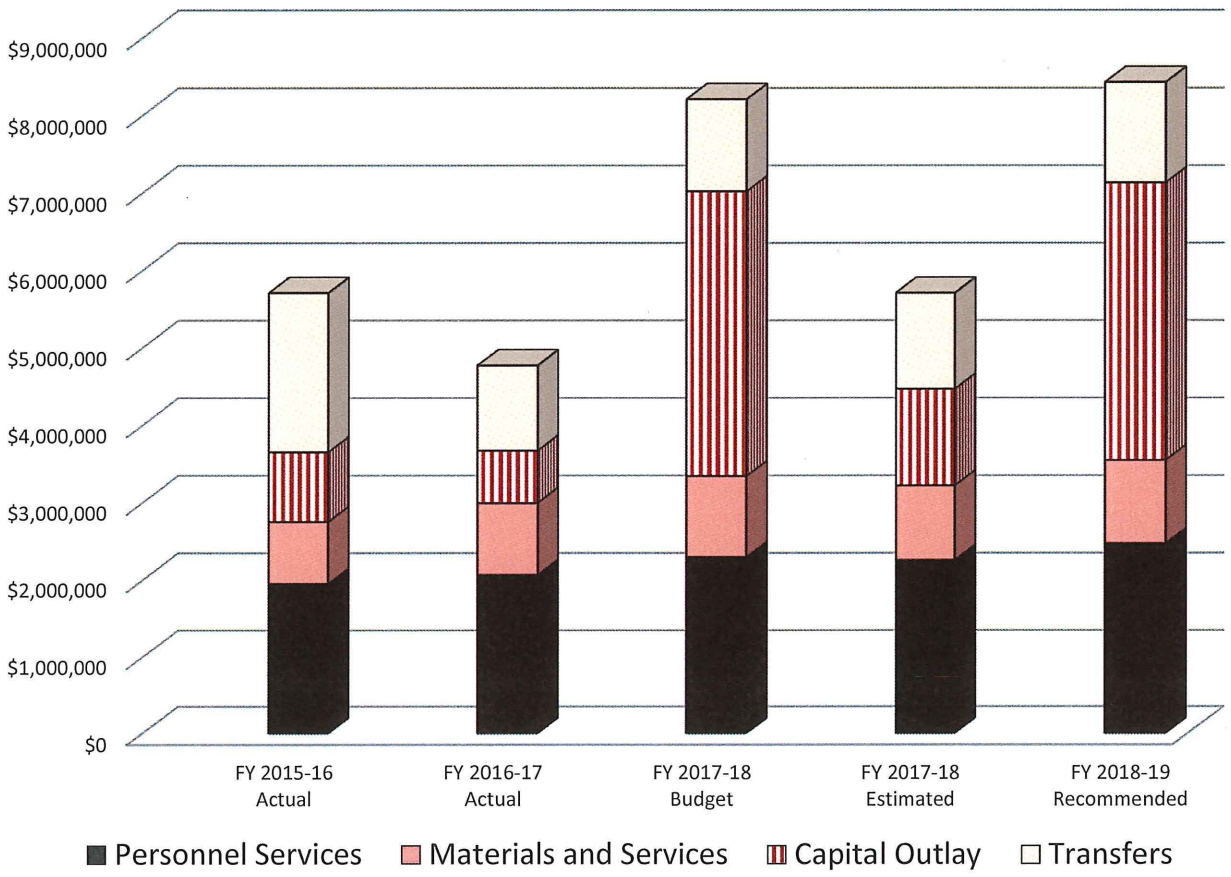
Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
502-85	PUBLIC WORKS - OPERATIONS											
502-85-0753-05-049	PROG COORDINATOR -PUBLIC	1.00	2,080			61,537				61,537	53,112	114,649
502-85-0753-05-057	PUBLIC WORKS SUPERVISOR	0.50	1,050	10		40,837	558		80	41,475	34,087	75,562
502-85-0753-05-112	PUBLIC WORKS MANAGER 3	0.50	1,080			59,262				59,262	41,554	100,816
502-85-0753-05-170	PUBLIC WORKS LEAD	0.50	1,040	15		30,407	647		215	31,269	19,169	50,438
502-85-0753-05-176	PUBLIC WORKS EQUIPMNT	2.00	4,160	40		125,616	1,812		620	128,048	110,139	238,187
502-85-0753-05-177	PUBLIC WORKS TECHNICIAN	2.00	4,160	60		117,102	2,534		700	120,336	113,498	233,834
502-85-0753-05-274	SEASONAL WORKFORCE		1,943			32,992			8	33,000	2,595	35,595
502-85-0753-05-275	TEMPORARY EMPLOYEES		746			21,977			23	22,000	1,089	23,089
	SEWER SYSTEM MAINTENANCE	6.50	16,259	125		489,730	5,551		1,646	496,927	375,243	872,170
502-85-0757-05-112	PUBLIC WORKS MANAGER 3	0.33	687			30,992				30,992	14,860	45,852
502-85-0757-05-170	PUBLIC WORKS LEAD	0.34	708	15		23,536	850		146	24,528	21,781	46,309
502-85-0757-05-176	PUBLIC WORKS EQUIPMNT	0.50	1,060	50		32,004	2,264		135	34,403	23,437	57,840
502-85-0757-05-177	PUBLIC WORKS TECHNICIAN	1.00	2,080	10		48,173	347		270	48,790	42,045	90,835
	SEWER SYSTEM CONSTRUCTION	2.17	4,535	75		134,705	3,461		551	138,713	102,123	240,836
	**** DEPARTMENT TOTAL ****	8.67	20,794	200		624,435	9,012		2,197	635,640	477,366	1,113,006

0837

Storm Drain Fund

STORM DRAIN FUND
SUMMARY
RECOMMENDED FY 18-19



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Storm Drain - Summary

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$1,954,373	$2,066,849	$2,297,704	$2,258,699	$2,473,534	7.65%
Materials and Services	799,636	929,275	1,044,055	962,312	1,073,987	2.87%
Capital Outlay	898,524	675,336	3,676,685	1,245,692	3,582,650	-2.56%
Transfers	2,054,121	1,098,161	1,185,605	1,237,967	1,292,542	9.02%
SUB-TOTAL	$5,706,654	$4,769,621	$8,204,049	$5,704,670	$8,422,713	
Contingency			2,614,760		2,525,489	
Reserve - Conveyance			2,040,226		2,088,577	
Reserve - Quality			157,303		221,871	
Reserve - Quantity			632,816		671,854	
Dedicated Surcharges			1,554,252		2,316,411	
Contingency - Equip.			1,247,243		838,090	
TOTAL	$5,706,654	$4,769,621	$16,450,649	$5,704,670	$17,085,005	
FTE's	19.59	19.59	20.17		20.45	

Explanation of item(s) that are significant (10% and greater than $10,000):

Personnel services:
FY 2018-19 reflects a net increase of .28 FTE consisting of: a .33 FTE Accounting Assistant position in Utility Billing; the transfer of .10 FTE Senior Accountant from the General Fund to the Sewer Fund to more accurately reflect the position's work plan; the reallocation of a .15 FTE Inventory Control Technician from the Sewer Fund to the Garage Fund. The Recommended Budget also includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
No Significant Change

Capital outlay:
No Significant Change

Transfers:
No Significant Change

FUND:	SUMMARY FOR STORM DRAIN FUND:
513 STORM DRAIN	INCLUDING: CIP PROJECTS, FINANCE, AND PUBLIC WORKS

MISSION STATEMENT:

To provide a surface and storm water collection system that reduces flooding and enhances water quality. Utilize asset management software to inventory, track, schedule and report maintenance activities for the storm drainage and surface water collection system.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	19.59	19.59	20.17	20.45	0.00
PERSONNEL SERVICES	$1,954,373	$2,066,849	$2,297,704	$2,473,534	$0
MATERIALS & SERVICES	799,636	929,275	1,044,055	1,073,987	0
CAPITAL OUTLAY	898,524	675,336	3,676,685	3,582,650	0
TRANSFERS	2,054,121	1,098,161	1,185,605	1,292,542	0
CONTINGENCY	0	0	8,246,600	8,662,292	0
TOTAL	**$5,706,654**	**$4,769,621**	**$16,450,649**	**$17,085,005**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$9,017,120	$9,537,988	$10,570,842	$10,916,055	$0
Storm Sewer Connection Fees	784,898	310,229	500,000	240,000	0
Miscellaneous Revenues	378,705	155,056	163,450	222,850	0
Customer Service Charges	5,052,939	5,334,001	5,199,338	5,693,000	0
Transfers from Other Funds	10,982	3,189	17,019	13,100	0
Storm Drain Projects:					
3915 Misc. Conveyances (SDC) Projects	142,528	21,570	550,000	370,000	0
3915 Misc. Conveyances transfer to CIP	1,042,040	0	0	0	0
3916 Misc. Quantity (SDC) Project	0	19,087	*65,000*	65,000	0
3917 Misc. Quality (SDC) Project	64,328	83,609	100,000	100,000	0
3950 Maintenance & Replacement Projects	660,613	318,023	2,199,000	2,955,000	0

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

PROGRAM GOAL:

To provide cost-effective storm drainage engineering, planning, and management expertise to improve and maintain the city's storm drainage infrastructure in ways that preserve and enhance the community and environment.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	1.93	2.73	2.73	2.73	0.00
PERSONNEL SERVICES	$246,834	$286,094	$401,661	$406,121	$0
MATERIALS & SERVICES	2,415	1,101	28,570	24,440	0
CAPITAL OUTLAY					
TRANSFERS	1,157	711	47,616	21,522	0
TOTAL	**$250,406**	**$287,906**	**$477,847**	**$452,083**	**$0**

Program Objectives:

- To develop and design Storm Drainage Capital Improvement Projects that will:
  - Address flooding problems with a focus on projects that flood structures or critical infrastructure.
  - Provide additional conveyance and surface water runoff (stormwater) treatment capacity for future development and redevelopment
  - Provide major maintenance, repair, and/or replacement of stormwater infrastructure
  - Improved water quality and function of the area's creeks
  - Enhance stormwater (surface water runoff treatment) facilities and processes (Community Vision Action # 79)
- To provide customer service to city residents and other city departments with complex storm drainage issues.
- Foster strong intergovernmental relations with partner agencies

Progress on FY 2017-18 Action Plan:

- Continue work on the storm drainage master plan(s) and other drainage studies.
- Continue to implementation of the Stormwater Management Approach for South Cooper Mountain area.
- Provided technical support to BURA (Beaverton Urban Redevelopment Agency).
- Participated in the update of the CWS Design and Construction Standards and completed the update to the Beaverton Engineering Design Manual in order to comply with permit conditions of the recently issued NPDES (National Pollutant Discharge Elimination System) MS-4 (Municipal Separate Storm Sewer System) permit and to create surface water management infrastructure that is maintenance friendly
- Continued to maintain an excellent working relationship with staff from Washington County Department of Land Use and Transportation, Clean Water Services and the City of Tigard.
- Provided customer service to city residents and other city staff with complex storm drainage issues that needed professional engineer assistance
- Projects started, completed or continued include the following:
  - 3106 Menlo Drive Sidewalk Project – Design work in progress
  - 4118A Settler Way Utility Replacement Phase 1– Design and Construction
  - 4118B Settler Way Utility Replacement Phase 2– Design
  - 5088A SW Walker Road, Schendel to 173rd Washington County MSTIP – done
  - 5090 SW 158th, Jenkins to Walker Road Washington County MSTIP– construction almost done
  - 5090(a) SW Jenkins Road, 158th to Murray Blvd Washington County MSTIP– design
  - 5092 SW 175th Scholls Ferry Road to Alvord Washington County MSTIP– construction started
  - 8098 Dover Area (South) Utility Rehabilitation and Replacement – delayed
  - 8101 Storm Drainage Master Plan – delayed

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

- 8119 141th Ave (Millikan Way to Vernier Driveway) Storm Conveyance Pipe and stormwater outfall to Beaverton Creek Retrofit – design.
- 8122 Major CIPP Storm Pipe Rehabilitation/Replacement Project – delayed
- 8128 Jamieson SWM project, Phase 1b - deleted
- 8130 144th Ave Flood Remediation and Habitat Restoration Project – construction started
- 8132 Small Works– work in progress

FY 2018-19 Action Plan

- Continue coordination with Operations field maintenance staff and Engineering staff regarding the design of surface water runoff treatment facilities as well as maintenance and replacement projects.
- Continue to provide contract administration, coordination, and field inspection, and quality control of consultant contracts to prepare cost estimates, final design, and construction contract documents for storm drainage projects; or, provide expertise and oversight on storm drainage design projects delegated to the Engineering Division for implementation.
- Continue to provide expertise for the City's civic projects such as the BCA (Beaverton Center for the Arts) and the PSC (Public Safety Center)
- Continue to provide expertise, coordination, and design review on development projects submitted via the City's Land Use and Site Development Permit process
- Continue participation in a CWS/City CIP Coordinating and Prioritization Committee as well as the City/County/District (Co-Implementer) Technical Committee.
- Participate in the next round of updates to the CWS Design and Construction Standards to address hydromodification.
- Invest in regional public surface water runoff (stormwater) treatment facilities to help promote redevelopment in an area that is targeted for increased density and pedestrian connectivity according to the Central City Strategy of the Civic Plan, including portions of SW Canyon Road and the BURA boundary. A regional facility collects and treats surface water runoff from a large area that could see multiple redevelopment projects and allows them to develop without having to provide on-site treatment. The larger regional facilities provide efficient operations. CIP projects 8119, 8135A, and 8135B are intended to achieve this for their respective watershed areas.
- Projects to be started, completed or continued include the following:
  - 3106 Menlo Drive Sidewalk Project – work in progress, may start construction
  - 4118B Settler Way Utility Replacement Phase 2– Finish design, construction
  - 5088B SW Walker Road, Murray Blvd to 158th Washington County MSTIP - design
  - 5088C SW Walker Road, SW173rd to SW 185th Washington County MSTIP - design
  - 5089, SW Walker Road and SW Murray Blvd Intersection Washington County MSTIP - design
  - 5090(a) SW Jenkins Road, 158th to Murray Blvd Washington County MSTIP– design
  - 5092 SW 175th Scholls Ferry Road to Alvord Washington County MSTIP– finish construction
  - 8098 Dover Area (South) Utility Rehabilitation and Replacement – design
  - 8101 Storm Drainage Master Plan – start work
  - 8119 141th Ave (Millikan Way to Vernier Driveway) Storm Conveyance Pipe and stormwater outfall to Beaverton Creek Retrofit – design.
  - 8122 Major CIPP Storm Pipe Rehabilitation/Replacement Project – design and construction
  - 8130 144th Ave Flood Remediation and Habitat Restoration Project – finish construction
  - 8132 Small Works (includes activities such as debris screen replacements, roadway seepage mitigating, storm drain mural project, etc. - work in progress
  - 8135A 11750 SW BH Hwy Stormwater Outfall to Beaverton Creek Retrofit – design
  - 8135B 4140 SW Watson Ave Stormwater Outfall to Beaverton Creek Retrofit – design

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0740 ENTERPRISE MANAGEMENT & ADMIN.	**PROGRAM MANAGER:** DAVID WINSHIP

Workload Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Number of miles of underground, storm drainage piping system	250	252	252 / 246	246
Number of miles of storm drain pipes rehabilitated/replaced or added	.5	1	.5	2
Number of City storm active CIP projects overseen or worked on during fiscal year	18	16	14	15

Performance Outcomes and Program Trends:
Through storm drainage system master planning and storm CIP implementation, the city will replace, rehabilitate, and/or enhance the existing infrastructure, where necessary and prudent, to improve drainage service to current customers and provide for future customers. The program will help to ensure that development plans approved by the city have provided adequate drainage service with appropriate storm water quantity and quality control as well as proper maintenance access to the proposed, publicly-maintained parts of the drainage system.

The number of customer accounts and increased runoff from new impervious surface continues to rise each year with residential, commercial, and industrial development. Projects to accommodate this development are anticipated to be ongoing for the foreseeable future. Newly annexed areas from Washington County and Clean Water Services (CWS) typically have older infrastructure which occasionally needs to be maintained, replaced, and/or improved for the benefit of existing and new development. As the storm water system within the city ages, replacement of existing infrastructure that has reached the end of its service life is ongoing. These replacement needs are funded primarily by the $2.00 per equivalent dwelling unit monthly surface water management surcharge.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0734 STORM DRAIN MAINTENANCE	**PROGRAM MANAGER:** TERRY PRIEST

Program Goal:
To provide a storm drainage and surface water collection system that protects the community from flooding and promotes water quality through regular street sweeping, periodic cleaning and inspection of storm lines, removal of debris from the stormwater system, while developing community awareness through cost effective creek and pond enhancement projects in conjunction with community groups and volunteer organizations. In furtherance of Community Vision Action #79: *Enhance stormwater treatment facilities and processes*, the Storm Maintenance section will work with the Neighborhood Association Committees to plan, perform and maintain local Water Quality Facilities.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	12.98	13.48	13.65	13.50	0.00
PERSONNEL SERVICES	$1,359,880	$1,462,045	$1,507,632	$1,620,812	$0
MATERIALS & SERVICES	597,399	713,446	615,860	660,884	0
CAPITAL OUTLAY	31,055	233,047	719,685	92,650	0
TRANSFERS	1,008,833	1,090,149	1,133,509	1,262,517	0
CONTINGENCY	0	0	8,246,600	8,662,292	0
TOTAL	**$2,997,167**	**$3,498,687**	**$12,223,286**	**$12,299,155**	**$0**

STORM DRAINAGE INVENTORY SUMMARY

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19*
Storm Drain Conduit	1,322,604 lf	1,353,416 lf	1,299,925 lf	1,300,000 lf
Manholes	5,400	5,503	5,351	5,370
Catch Basins	8,100	8,209	7,790	7,800
Water Quality (WQ) Structures	348	355	340	344
Water Quality (WQ) Facilities	142	146	223	227
Storm Detention Pipes	128	133	153	153
Storm Water Filters	87	94	95	98
Street Sweeping (lane miles, and downtown 2X)	473 miles	482 miles	495 miles	495 miles

**See Performance Outcomes and Program Trends for explanation*

In accordance with the Code of Federal Regulations (CFR) §122.26, as a large municipal separate storm sewer system (MS4s) the City of Beaverton must obtain a National Pollutant Discharge Elimination System (NPDES) Permit. Over the years the program objectives have evolved to better measure the performance of storm system maintenance activities. This budget document reflects data reported to Clean Water Services (CWS) and the Department of Environmental Quality (DEQ).

The storm drainage maintenance crews have been gathering data during the course of regular maintenance to efficiently create an accurate database for mapping, managing and tracking maintenance activities. Pipe data is collected during video inspection using a scoring system that uniformally scores pipe condition. This aids in making sure that the entire storm system is properly maintained and functional to more efficiently provide water quality, and prevent stream erosion and flooding.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0734 STORM DRAIN MAINTENANCE	**PROGRAM MANAGER:** TERRY PRIEST

Program Objective: Perform maintenance services and inspections to meet regulatory requirements:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Routine Pipeline Cleaning: Clean & remove debris from the Storm Drain system every 6 years – linear feet LF	221,000	225,569	214,195 / 216,654	216,700
Routine Pipeline Inspection: Inspection of the storm drain system every 8 years LF	166,000	169,177	161,000 / 162,490	162,500
Clean sumped catch basins annually	2,884	2,997	2,892 / 2,928	2,928
Clean Water Quality (WQ) Structures: Clean twice annually	696	710	708 / 682	710
WQ Facilities Maintenance: Maintain two times a year minimum	891	973	572* / 450	450
Storm Detention Pipes: Maintain with routine pipeline schedule or as needed.	132	124	16* / 25	26
Storm Water Filters: Inspect annually, maintain as needed	87	95	95 / 95	97
Sweep curbed public streets: monthly	6,138 mi	6,266 mi	6,435 / 5,940 mi	5.940 mi

** Denotes change in permit requirements: WQ facilities 2 times/yr. and as needed. Detention pipe from inspect annually to clean on routine pipe schedule or as needed.*

Progress on FY 2017-18 Action Plan:

- As part of the *Community Vision Goal: Build Community*, the storm maintenance section worked with CWS, Friends of Trees, volunteers, and property owners on the Fanno Creek enhancement project (off Denney Road) and Barrows Meadow creek enhancement project. Both projects are large sites which were separated into multiple projects. Additionally, maintenance of the previous projects on these sites is included in the work we do.
- As part of the *Community Vision Goal: Build Community*, staff continued the leaf removal program utilizing drop sites in or near each Neighborhood Association Committee (NAC). This year the City used four locations to provide a more efficient service for the NAC's leaf drop offs. Leaf drops offs generated 1,110 of the total 3,720 cubic yards of leaves collected this year. Furthermore, the City encourages citizens to donate canned goods when dropping off leaf debris. This year staff donated 5,450 pounds of food to local charities.
- As part of the *Community Vision Goal: Enhance Livability*, the storm maintenance section has been working on pond rehabilitation projects: We have rehabilitated eleven water quality facilities and will be working with the NAC's to schedule mulching projects this spring. By getting greater involvement from the NAC's we will increase awareness, while developing a sense of community through enhancing our stormwater treatment facilities and processes.

FY 2018-19 Action Plan:

- As part of the *Community Vision Goal: Build Community*, the storm maintenance section will work with CWS, Friends of Trees, volunteers and property owners on Fanno Creek (off Denney Road) creek enhancement project and performing maintenance to ensure previous years projects continue to be successful.
- As part of the *Community Vision Goal: Build Community*, The storm maintenance section will continue the leaf removal program at NAC locations around the City.
- As part of the *Community Vision Goal: Enhance Livability*, the storm maintenance section will meet with the NAC's on each of the pond & creek rehabilitation projects: Staff will identify facilities for the next five fiscal years and will

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0734 STORM DRAIN MAINTENANCE	**PROGRAM MANAGER:** TERRY PRIEST

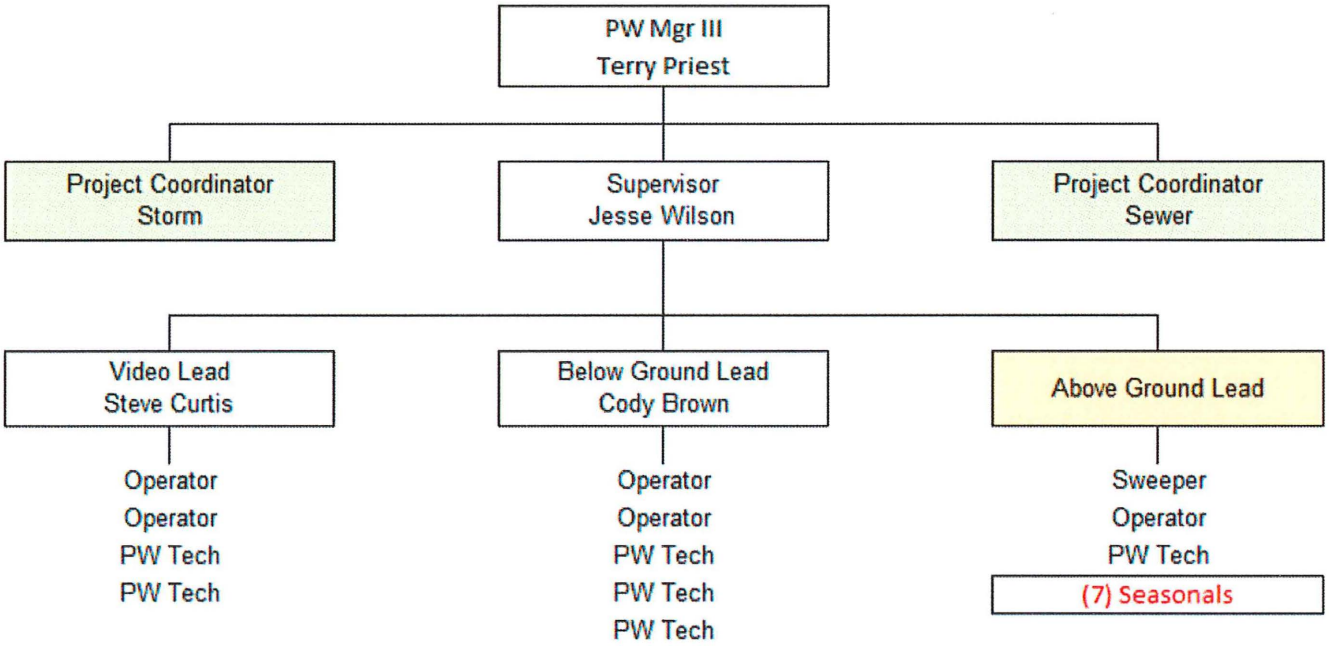
be working with the NAC's to coordinate volunteers for different phases of the projects. By getting greater involvement from the NAC's we will increase awareness, develop a sense of community, while enhancing our stormwater treatment facilities and processes.

Performance Measures: *	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Perform maintenance services and inspections to meet regulatory requirements:				
Routine Pipeline Cleaning: amount cleaned per quarter – linear feet (LF)	55,250	56,392	53,550 / 54,165	54,175
Routine Pipeline Inspection: amount inspected per quarter - LF	41,500	42,294	40,250 / 40,623	40,625
Sumped catch basins cleaned per quarter	721	723	723 / 732	739
Clean Water Quality Structures: amount cleaned per quarter	174	178	177 / 171	171
Storm Detention Pipes: number of pipes cleaned per quarter.	33	31	4 / 9	9
Storm Water Filters: number of filters replaced	350	347	350 / 364	366
Material (tons) removed from system annually	490	505	500 / 500	505
Sweeping material (cubic yards) kept out of system annually	750	750	750 / 760	770
WQ Facilities Rehabilitated projects: invasive vegetation removed, quality reestablished and native vegetation planted	11	16	22 / 16	11

Performance Outcomes and Program Trends:
Storm Drainage maintenance activities are designed to remove trash, dirt and sedimentary material that contain heavy metals and hydrocarbons from the system, reducing the amounts that enter local streams and ultimately the Tualatin River. The sooner you can remove the debris the more efficient the debris removal is; Last year we removed 1,400 cubic yards of debris through street sweeping. Through other maintenance activities 280 tons of material was removed from storm pipes, catch basins, water quality structures and facilities.

This year we are proposing to separate the duties in the existing Program Coordinator position in Sewer and convert the Engineering Technician II position to a Program Coordinator position in Storm. The Sewer Program Coordinator position would be responsible for the Fats Oil and Grease program and managing the locate program. The Storm Program Coordinator position will be responsible for the Private and Public Water Quality Facility Programs and the Creek enhancement program. In addition a Storm Technician position will be reclassified to Public Works Lead (Storm, above ground) in recognition of the work currently being done in an out of class assignment. These changes will be made without adding additional staff, positions will be reclassified to better represent the work being performed.

Sewer & Storm Organizational Chart 2018



CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 513 STORM DRAIN	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0739 STORM CONSTRUCTION	**PROGRAM MANAGER:** MARK OLSON

Program Goal:
To complete improvement projects and repairs to the city's storm and surface water sytem that increase system reliability and/or capacity, reduce flooding potential and include water quality enhancement elements. These projects promote city-wide beautification through replacement of the underground infrastucture which enhances surface water quality.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	3.25	1.75	2.16	2.16	0.00
PERSONNEL SERVICES	$228,293	$175,879	$228,367	$253,815	$0
MATERIALS & SERVICES	17,848	22,257	182,000	184,000	0
CAPITAL OUTLAY	0	0	43,000	0	0
TRANSFERS	0	5,639	2,829	6,840	0
TOTAL	**$246,141**	**$203,775**	**$456,196**	**$444,655**	**$0**

Program Objective:

Complete projects and make structural repairs to improve performance of the storm and surface water drainage system. Install water quality structures that provide better filtration of surface water. These projects help achieve *Community Vision Action # 79: Enhance stormwater treatment facilities and processes* –accumulate and filter surface water before it returns to open urban streams.

Progress on FY 2017-18 Action Plan:
- Responded to the needs identified by the maintenance staff and engineering studies regarding deficient inlets and piping system.
- Rehabilitated catch basins, manholes and older water quality structures as identified by inspection.
- Rehabilitated 28 unsumped catch basins to have sump to meet DEQ Permit requirments.

The construction crew worked on smaller rehabilitation storm projects in FY 2017-18. They completed storm drain repairs to the existing system to improve function during storm events. Rehabilitated 28 Catch basins to improve water quality.

FY 2018-19 Action Plan:
- Work with engineering to develop a 5 year plan for pipe and structural repairs identified by maintenance and the Storm master plan (in progress)
- Rehabilitate three outfalls

Performance Measures:	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budgeted/Revised	FY 2018-19 Proposed
Repairs to existing storm lines	8	6	5 / 5	5
Installation of new water quality structures	5	2	3 / 2	3
Catch basin retrofits	32	35	28 / 28	28
Number of structure repairs per year	5	3	5 / 5	5
Rehabilitation projects	79	64	50 / 18	47

Performance Outcomes and Program Trends:
This program involves routine construction to rehabilitate, repair, and replace deficient or failing catch basins. Perform maintenance repairs as recommended by storm maintenance video inspection. Perform small projects as identified. Respond during wet weather events.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-9,017,120		-9,537,988		-10,570,842		-10,570,842	-10,570,842	-10,912,055		-10,916,055			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-9,017,120		-9,537,988		-10,570,842		-10,570,842	-10,570,842	-10,912,055		-10,916,055			
CLASS: 15 INTERGOVERNMENTAL REVENUE														
329 OTHER INTERGOVERNMENTAL REV														
	-178,348													
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE														
	-178,348													
CLASS: 20 PERMITS & FEES														
347 STORM WTR DETENTION QUANTITY														
	-29,116		-7,639		-10,000		-18,462	-18,000	-20,000		-20,000			
348 STORM WTR DETENTION QUALITY														
	-16,009		-11,619		-5,000		-43,943	-45,000	-20,000		-20,000			
349 EROSION CONTROL FEES														
	-62,313		-42,775		-50,000		-76,400	-50,000	-50,000		-50,000			
352 STORM WATER CONVEYANCE FEES														
	-677,460		-248,196		-435,000		-154,458	-150,000	-150,000		-150,000			
TOTAL CLASS: 20 PERMITS & FEES														
	-784,898		-310,229		-500,000		-293,263	-263,000	-240,000		-240,000			
CLASS: 25 SERVICE FEES														
364 CUSTOMER SERV CHARGES														
	-3,682,318		-3,960,944		-3,826,338		-3,369,593	-4,100,000	-4,300,000		-4,300,000			
367 UTILITY SURCHARGE														
	-1,374,854		-1,378,852		-1,380,000		-1,055,677	-1,400,000	-1,400,000		-1,400,000			
369 UTILITY SALES ALLOWANCES														

0349

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	4,233		5,795		7,000		21,661	5,500	7,000		7,000			
TOTAL CLASS: 25 SERVICE FEES														
	-5,052,939		-5,334,001		-5,199,338		-4,403,609	-5,494,500	-5,693,000		-5,693,000			
CLASS: 35 MISCELLANEOUS REVENUES														
382 SALE OF CITY PROPERTY														
	-10,000		-2,185				-112,505	-70,395						
384 INVESTMENT INTEREST EARNINGS														
	-59,627		-106,376		-106,100		-106,582	-159,200	-195,500		-195,500			
389 MISCELLANEOUS REVENUES														
	-375		-25,063											
394 MISC INTEREST EARNINGS														
	-7,650		-6,950		-7,350			-7,350	-7,350		-7,350			
398 SRVS PROVIDED TO OTHER FUNDS														
	-81,726		-5,017		-50,000		-17,512	-20,000	-20,000		-20,000			
399 REIMBURSEMENTS - OTHER														
	-42		-191				-13,415	-13,415						
756 PERS RSRV DISTRIB-NON GAAP REV														
	-29,079													
757 MED/LIFE INS PREM REFUND DISTRIBUTION														
	-11,858		-9,274				-4,623	-4,623						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-200,357		-155,056		-163,450		-254,637	-274,983	-222,850		-222,850			

0850

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 40 INTERFUND TRANSFERS/LOANS														
417 TRSFRS FROM ASSESSMENT FUND #1														
	-10,982		-3,189		-17,019			-17,400	-13,100		-13,100			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-10,982		-3,189		-17,019			-17,400	-13,100		-13,100			
TOTAL DEPARTMENT: 03 REVENUE														
	-15,244,644		-15,340,463		-16,450,649		-15,522,351	-16,620,725	-17,081,005		-17,085,005			

0851

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND

DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
046 PRINCIPAL ENGINEER														
	32,431	.25	33,040	.25	33,664	.25	26,307	33,165	34,510	.25	34,510	.25		
051 CITY ENGINEER														
	15,701	.33	38,901	.33	41,766	.33	32,561	41,772	43,856	.33	43,856	.33		
084 PROJECT ENGINEER 1														
	103,409	1.10	106,616	1.50	141,876	1.50	107,100	135,985	141,424	1.50	141,424	1.50		
124 ENGINEERING CONST INSPECTOR														
				.40	24,412	.40	19,433	24,922	26,813	.40	26,813	.40		
221 SUPPORT SPECIALIST 2														
	10,387	.25	11,003	.25	11,818	.25	9,315	11,831	12,825	.25	12,825	.25		
275 TEMPORARY EMPLOYEES														
					2,000									
299 PAYROLL TAXES AND FRINGES														
	84,906		96,534		146,125		102,329	129,169	140,897		146,693			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	246,834	1.93	286,094	2.73	401,661	2.73	297,045	376,844	400,325	2.73	406,121	2.73		
CLASS: 10 MATERIALS & SERVICES														
305 SPECIAL DEPARTMENT SUPPLIES														
	138		202		200		40	200	200		200			
307 MEMBERSHIP FEES														
	86		265		420		460	460	470		470			
318 COMPUTER SOFTWARE														
	2,012				2,250		2,000	2,000						
321 TRAVEL,TRAINING & SUBSISTENCE														
	149		100		3,000		2,365	3,000	3,000		3,000			
328 MEALS & RELATED EXPENSE														
					200			100	120		120			
361 UNIFORMS & SPECIAL CLOTHING														

0852

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND

DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					150		94	150	300		300			
511 PROFESSIONAL SERVICES														
	30		534		22,000		24,204	25,000	20,000		20,000			
536 MAINTENANCE CONTRACTS														
					350			350	350		350			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	2,415		1,101		28,570		29,163	31,260	24,440		24,440			
CLASS: 25 TRANSFERS														
816 TRSFRS TO REPROGRAPHICS FUND														
	1,157		711		826		571	826	1,387		1,387			
835 TRSFR TO GF, BVTN BLDG OPERATIONS														
					20,076		16,730	20,076	10,038		10,038			
836 TRSFR TO GF, BVTN BLDG DEBT SVC														
					26,714		22,262	26,714	10,097		10,097			
TOTAL CLASS: 25 TRANSFERS														
	1,157		711		47,616		39,563	47,616	21,522		21,522			
TOTAL DEPARTMENT: 72 CAPITAL DEVELOPMNT-ENGINEERING														
	250,406	1.93	287,906	2.73	477,847	2.73	365,771	455,720	446,287	2.73	452,083	2.73		

0853

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
652 RIGHT-OF-WAY AND EASEMENT COST														
	11,612				150,000		31,000	31,000	75,000		75,000			
682 CONSTRUCTION														
	679,345		318,700		2,123,000		278,541	336,892	2,598,000		2,598,000			
683 CONST DESIGN & ENGR INSPECTION														
	176,512		123,589		641,000		159,400	115,800	817,000		817,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	867,469		442,289		2,914,000		468,941	483,692	3,490,000		3,490,000			
CLASS: 25 TRANSFERS														
814 TRSFRS TO CAPITAL PROJ. FUND														
	1,042,040													
TOTAL CLASS: 25 TRANSFERS														
	1,042,040													
TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS														
	1,909,509		442,289		2,914,000		468,941	483,692	3,490,000		3,490,000			

0854

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
049 PROG COORDINATOR -PUBLIC WORKS														
									69,992	1.00	69,992	1.00		
057 PUBLIC WORKS SUPERVISOR														
	27,714	.50	33,733	.75	35,414	.50	30,167	38,001	41,485	.50	41,485	.50		
112 PUBLIC WORKS MANAGER 3														
	63,249	.58	37,313	.33	81,191	.83	68,148	85,970	90,248	.83	90,248	.83		
123 ENGINEERING TECH 2														
			56,735	1.00	56,983	1.00	50,584	64,652						
124 ENGINEERING CONST INSPECTOR														
	72,544	1.00	72,487	1.00	73,794	1.00	59,515	73,930	72,974	1.00	72,974	1.00		
170 PUBLIC WORKS LEAD														
	39,939	.50	32,189	.50	130,384	1.83	91,233	114,940	195,359	2.83	195,359	2.83		
176 PUBLIC WORKS EQUIPMNT OPERATOR														
	318,177	5.50	372,031	5.50	285,284	4.50	244,746	298,841	298,063	4.50	298,063	4.50		
177 PUBLIC WORKS TECHNICIAN														
	385,958	8.00	315,019	6.00	332,079	6.00	271,327	344,266	293,582	5.00	293,582	5.00		
188 INVENTORY CONTROL TECHNICIAN														
	7,519	.15	8,252	.15	8,881	.15	7,322	9,403						
274 SEASONAL WORKFORCE														
	53,601		64,436		70,000		45,982	70,000	75,000		75,000			
275 TEMPORARY EMPLOYEES														
	40,089		29,556				738							
299 PAYROLL TAXES AND FRINGES														
	579,383		616,173		661,989		525,788	642,671	714,824		737,924			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	1,588,173	16.23	1,637,924	15.23	1,735,999	15.81	1,395,550	1,742,674	1,851,527	15.66	1,874,627	15.66		
CLASS: 10 MATERIALS & SERVICES														
303 OFFICE FURNITURE & EQUIPMENT														

085

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					2,750		2,948	2,948	1,200		1,200			
304 DEPARTMENT EQUIPMENT EXPENSE														
	15,090		12,935		15,410		7,692	12,000	14,900		14,900			
305 SPECIAL DEPARTMENT SUPPLIES														
	38,437		40,067		37,750		29,945	34,000	39,200		39,200			
307 MEMBERSHIP FEES														
	922		830		1,850		600	1,500	1,175		1,175			
317 COMPUTER EQUIPMENT														
	4,271		967						3,000		3,000			
318 COMPUTER SOFTWARE														
			12,177		1,000		1,480	1,480						
321 TRAVEL,TRAINING & SUBSISTENCE														
	5,889		7,806		9,900		5,983	7,900	10,025		10,025			
328 MEALS & RELATED EXPENSE														
	206		555											
351 UTILITIES EXPENSE														
	194		4,612		5,075		4,167	5,000	5,075		5,075			
361 UNIFORMS & SPECIAL CLOTHING														
	3,568		3,711		4,100		4,176	4,100	4,100		4,100			
419 CHEMICAL & LABORATORY SUPPLIES														
					250		102	250	259		259			
425 DUMPING EXPENSES														
	41,524		94,807		71,200		101,782	100,200	101,200		101,200			
428 FLOOD CONTROL														
	2,403		2,137		1,500		843	1,500	1,500		1,500			
433 STORM SEWER MAINTENANCE														
	1,080		21,671		20,500		12,468	20,500	22,000		22,000			
434 CONSTRUCTION MATERIALS														
	4,090		12,867		87,000		9,238	40,000	87,000		87,000			
461 SPECIAL EXPENSE														
	246		265		275		62	275	250		250			

0856

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
511 PROFESSIONAL SERVICES														
	182,452		185,680		255,689		170,668	229,000	257,500		257,500			
512 CITY RIGHT OF WAY FEES														
	312,483		331,980		277,111		196,000	270,000	290,000		290,000			
551 RENTS AND LEASES														
	2,392		2,636		6,500		2,536	6,500	6,500		6,500			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	615,247		735,703		797,860		550,690	737,153	844,884		844,884			
CLASS: 15 CAPITAL OUTLAY														
641 VEHICLES														
	31,055								37,650		37,650			
671 EQUIPMENT														
			233,047		762,685		716,119	762,000	55,000		55,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	31,055		233,047		762,685		716,119	762,000	92,650		92,650			
CLASS: 25 TRANSFERS														
801 TRSFR TO GENERAL FD - OVERHEAD														
	280,673		330,520		318,887		265,739	318,887	332,806		332,806			
802 TRSFR TO GENERAL FD-ACCOUNTING														
	69,556		46,631		28,616		23,847	28,616	62,355		62,355			
803 TRSFR TO GENERAL FD-LANDSCAPE														
	12,723		13,871		16,043		13,369	16,043	16,734		16,734			
804 TRSFR - OPERATIONS ADMIN														
	214,314		252,722		247,169		205,974	299,531	237,588		237,588			
805 TRSFR TO G/F BLDG MAINT														
	11,923		12,288		14,244		11,870	14,244	12,398		12,398			
808 TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)														
	69,124		84,496		141,672		118,060	141,672	153,606		153,606			

0857

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 513 STORM DRAIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
817 TRSFRS TO GARAGE FUND														
	164,736		152,946		127,546		110,280	127,546	186,904		186,904			
818 TRSFRS TO ISD-ALLOCATED														
	102,671		94,268		117,908		98,257	117,908	142,713		142,713			
819 TRSFRS TO INSURANCE FUND														
	83,113		108,046		124,253		103,544	124,253	124,253		124,253			
TOTAL CLASS: 25 TRANSFERS														
	1,008,833		1,095,788		1,136,338		950,940	1,188,700	1,269,357		1,269,357			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
981 RESERVE - STORM SDC CONVEYANCE														
					2,040,226				2,088,577		2,088,577			
984 RESERVE - STORM SDC QUALITY														
					157,303				221,871		221,871			
985 RESERVE - STORM SDC QUANTITY														
					632,816				671,854		671,854			
986 RESERVE - DEDICATED SURCHARGES														
					1,554,252				2,316,411		2,316,411			
991 CONTINGENCY - UNRESERVED														
					2,614,760				2,593,258		2,525,489			
996 RESERVE - EQUIPMENT REPLACEMT														
					1,247,243				838,090		838,090			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					8,246,600				8,730,061		8,662,292			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	3,243,308	16.23	3,702,462	15.23	12,679,482	15.81	3,613,299	4,430,527	12,788,479	15.66	12,743,810	15.66		

0858

STORM DRAIN FUND - PUBLIC WORKS
FY 2017-18 ADOPTED

Code	Position Title	Actual FY 16-17	Adopted FY 17-18	New	Transfer	Reclass	Deleted	Ending FY 17-18
46	PRINCIPAL ENGINEER	0.25	0.25					0.25
49	PROG COORDINATOR -PUBLIC WORKS	0.00	0.00					0.00
51	CITY ENGINEER	0.33	0.33					0.33
57	PUBLIC WORKS SUPERVISOR	0.75	0.50					0.50
84	PROJECT ENGINEER 1	1.50	1.50					1.50
112	PUBLIC WORKS MANAGER 3	0.33	0.83					0.83
123	ENGINEERING TECH 2	1.00	1.00					1.00
124	ENGINEERING CONST INSPECTOR	0.40	0.40					0.40
124	ENGINEERING CONST INSPECTOR	1.00	1.00					1.00
170	PUBLIC WORKS LEAD	0.50	1.83					1.83
176	PUBLIC WORKS EQUIPMNT OPERATOR	5.50	4.50					4.50
177	PUBLIC WORKS TECHNICIAN	6.00	6.00					6.00
188	INVENTORY CONTROL TECHNICIAN	0.15	0.15					0.15
221	SUPPORT SPECIALIST 2	0.25	0.25					0.25
	Total	**17.96**	**18.54**	**0.00**	**0.00**	**0.00**	**0.00**	**18.54**

FY 2018-19 PROPOSED

Code	Position Title	Ending FY 17-18	New	Transfer	Reclass	Deleted	Proposed FY 18-19
46	PRINCIPAL ENGINEER	0.25					0.25
49	PROG COORDINATOR -PUBLIC WORKS	0.00			1.00 [a]		1.00
51	CITY ENGINEER	0.33					0.33
57	PUBLIC WORKS SUPERVISOR	0.50					0.50
84	PROJECT ENGINEER 1	1.50					1.50
112	PUBLIC WORKS MANAGER 3	0.83					0.83
123	ENGINEERING TECH 2	1.00			(1.00) [a]		0.00
124	ENGINEERING CONST INSPECTOR	0.40					0.40
124	ENGINEERING CONST INSPECTOR	1.00					1.00
170	PUBLIC WORKS LEAD	1.83			1.00 [b]		2.83
176	PUBLIC WORKS EQUIPMNT OPERATOR	4.50					4.50
177	PUBLIC WORKS TECHNICIAN	6.00			(1.00) [b]		5.00
188	INVENTORY CONTROL TECHNICIAN	0.15		(0.15) [c]			0.00
221	SUPPORT SPECIALIST 2	0.25					0.25
	Total	**18.54**	**0.00**	**(0.15)**	**0.00**	**0.00**	**18.39**

[a] FY 18-19 reflects reclassification of an Engineering Tech 2 position to Program Coordinator - Public Works.

[b] FY 18-19 reflects reclassification of a Public Works Technician position to a Public Works Lead position.

[c] FY 18-19 reallocates the Inventory Control Technician position from being split between General Fund, Street Fund, Water Fund, Sewer Fund, and the Storm Drain Fund to 100% in the Garage Fund.

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	9,017,120		9,537,988		10,570,842		10,570,842	10,912,055		10,916,055			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	9,017,120		9,537,988		10,570,842		10,570,842	10,912,055		10,916,055			
CLASS: 15 INTERGOVERNMENTAL REVENUE													
329 OTHER INTERGOVERNMENTAL REV													
	178,348												
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE													
	178,348												
CLASS: 20 PERMITS & FEES													
347 STORM WTR DETENTION QUANTITY													
	29,116		7,639		10,000		18,000	20,000		20,000			
348 STORM WTR DETENTION QUALITY													
	16,009		11,619		5,000		45,000	20,000		20,000			
349 EROSION CONTROL FEES													
	62,313		42,775		50,000		50,000	50,000		50,000			
352 STORM WATER CONVEYANCE FEES													
	677,460		248,196		435,000		150,000	150,000		150,000			
TOTAL CLASS: 20 PERMITS & FEES													
	784,898		310,229		500,000		263,000	240,000		240,000			
CLASS: 25 SERVICE FEES													
364 CUSTOMER SERV CHARGES													
	3,682,318		3,960,944		3,826,338		4,100,000	4,300,000		4,300,000			
367 UTILITY SURCHARGE													
	1,374,854		1,378,852		1,380,000		1,400,000	1,400,000		1,400,000			
369 UTILITY SALES ALLOWANCES													
	-4,233		-5,795		-7,000		-5,500	-7,000		-7,000			
TOTAL CLASS: 25 SERVICE FEES													
	5,052,939		5,334,001		5,199,338		5,494,500	5,693,000		5,693,000			

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

329 OTHER INTERGOVERNMENTAL REV

FY 15-16: METRO IGA FOR HALL CREEK ENHANCEMENT CIP #3950/PROJ #3320 $178,348

347 STORM WTR DETENTION QUANTITY

THE CITY RETAINS 100% OF THE SDC REVENUES (NOT SHARED WITH CWS).
FY 15-16 BUDGET BASED UPON 125 SINGLE FAMILY RESIDENTIAL UNITS, 250 MULTI FAMILY UNITS AND 10 NEW COMMERCIAL BUILDINGS
FY 16-17 BUDGET BASED UPON 100 SINGLE FAMILY RESIDENTIAL UNITS, 440 MULTI FAMILY UNITS AND 10 NEW COMMERCIAL BUILDINGS
FY 17-18 BUDGET BASED UPON 130 SINGLE FAMILY RESIDENTIAL UNITS, 440 MULTI FAMILY UNITS AND 15 NEW COMMERCIAL BUILDINGS
FY 18-19 BUDGET BASED UPON 150 SINGLE FAMILY RESIDENTIAL UNITS, 540 MULTI FAMILY UNITS AND 15 NEW COMMERCIAL BUILDINGS

348 STORM WTR DETENTION QUALITY

REFER TO DESCRIPTION IN ACCOUNT 347 STORM WATER DETENTION QUANTITY ABOVE

349 EROSION CONTROL FEES

REFER TO DESCRIPTION IN ACCOUNT 347 STORM WATER DETENTION QUANTITY ABOVE

352 STORM WATER CONVEYANCE FEES

REFER TO DESCRIPTION IN ACCOUNT 347 STORM WATER DETENTION QUANTITY ABOVE

364 CUSTOMER SERV CHARGES

CLEAN WATER SERVICES SET THE STORM WATER MANAGMENT RATES FOR THE REGION
FY 15-16 REFLECTS A CWS BASE CHARGE OF $7.25 PER ESU AND RETAINS THE SAME REVENUE SPLIT BETWEEN THE CITY (75%) AND CWS (25%)
FY 16-17 REFLECTS A CWS BASE CHARGE OF $7.75 PER ESU AND RETAINS THE SAME REVENUE SPLIT BETWEEN THE CITY (75%) AND CWS (25%)
FY 17-18 REFLECTS A CWS BASE CHARGE OF $8.25 PER ESU AND RETAINS THE SAME REVENUE SPLIT BETWEEN THE CITY (75%) AND CWS (25%)
FY 18-19 REFLECTS A CWS BASE CHARGE OF $10.25 PER ESU AND RETAINS THE SAME REVENUE SPLIT BETWEEN THE CITY (75%) AND CWS (25%)

367 UTILITY SURCHARGE

THIS LINE ITEM ACCOUNTS FOR THE SEPARATE $2 PER ESU (EQUIVALENT SERVICE UNIT) AND IS DEDICATED TO MAINTENANCE AND REHABILITATION OF STORM DRAINAGE FACILITIES

369 UTILITY SALES ALLOWANCES

VARIOUS BILLING ADJUSTMENTS FOR IMPERVIOUS AREA TO CUSTOMER BILLS, WRITE OFF OF UNCOLLECTIBLE ACCOUNTS, WRITE OFF OF DELINQUENT CHARGES, WHEN APPROPRIATE.

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 35 MISCELLANEOUS REVENUES													
382 SALE OF CITY PROPERTY													
	10,000		2,185				70,395						
384 INVESTMENT INTEREST EARNINGS													
	59,627		106,376		106,100		159,200	195,500		195,500			
389 MISCELLANEOUS REVENUES													
	375		25,063										
394 MISC INTEREST EARNINGS													
	7,650		6,950		7,350		7,350	7,350		7,350			
398 SRVS PROVIDED TO OTHER FUNDS													
	81,726		5,017		50,000		20,000	20,000		20,000			
399 REIMBURSEMENTS - OTHER													
	42		191				13,415						
756 PERS RSRV DISTRIB-NON GAAP REV													
	29,079												
757 MED/LIFE INS PREM REFUND DISTRIBUTION													
	11,858		9,274				4,623						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	200,357		155,056		163,450		274,983	222,850		222,850			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
417 TRSFRS FROM ASSESSMENT FUND #1													
	10,982		3,189		17,019		17,400	13,100		13,100			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
	10,982		3,189		17,019		17,400	13,100		13,100			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	15,244,644		15,340,463		16,450,649		16,620,725	17,081,005		17,085,005			
TOTAL DEPARTMENT: 03 REVENUE													
	15,244,644		15,340,463		16,450,649		16,620,725	17,081,005		17,085,005			

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

382 SALE OF CITY PROPERTY

FY 2017-18 REFELCTS THE SALE OF A 2007 TYMCO SWEEPER AND A 2000 VACTOR TRUCK

384 INVESTMENT INTEREST EARNINGS

INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50%
FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

389 MISCELLANEOUS REVENUES

FY 2016-17 REFLECTS A $13,480 REIMBURSEMENT FROM VANGUARD MANUFACTURING FOR RIGHT OF WAY

394 MISC INTEREST EARNINGS

REVENUES FROM DELINQUENT CHARGES ASSESSED THROUGH THE CITY'S UTILITY BILLING SYSTEM

398 SRVS PROVIDED TO OTHER FUNDS

REIMBURSEMENTS RECEIVED FROM OTHER FUNDS FOR PROVIDING IN-HOUSE ENGINEERING, CAPITAL PROJECT CONSTRUCTION, AND UTILITY LOCATE PROGRAM SERVICES.

399 REIMBURSEMENTS - OTHER

FY 2017-18 REFLECTS REIMBURSEMENT FROM CITY OF PORTLAND FOR THE JULY FANNO CREEK SEWAGE SPILL

756 PERS RSRV DISTRIB-NON GAAP REV

RETIREMENT RESERVE $1 MILLION DISTRIBUTION TO OPERATING FUNDS

757 MED/LIFE INS PREM REFUND DISTRIBUTION

MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTIBUTION TO OPERATING FUNDS

417 TRSFRS FROM ASSESSMENT FUND #1

7TH STREET LID PROJECT COST REIMBURSEMENT (PROJECT #3950)

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
046 PRINCIPAL ENGINEER													
	32,431	.25	33,040	.25	33,664	.25	33,165	34,510	.25	34,510	.25		
051 CITY ENGINEER													
	15,701	.33	38,901	.33	41,766	.33	41,772	43,856	.33	43,856	.33		
084 PROJECT ENGINEER 1													
	103,409	1.10	106,616	1.50	141,876	1.50	135,985	141,424	1.50	141,424	1.50		
124 ENGINEERING CONST INSPECTOR													
				.40	24,412	.40	24,922	26,813	.40	26,813	.40		
221 SUPPORT SPECIALIST 2													
	10,387	.25	11,003	.25	11,818	.25	11,831	12,825	.25	12,825	.25		
275 TEMPORARY EMPLOYEES													
					2,000								
299 PAYROLL TAXES AND FRINGES													
	84,906		96,534		146,125		129,169	140,897		146,693			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	246,834	1.93	286,094	2.73	401,661	2.73	376,844	400,325	2.73	406,121	2.73		
CLASS: 10 MATERIALS & SERVICES													
305 SPECIAL DEPARTMENT SUPPLIES													
	138		202		200		200	200		200			
307 MEMBERSHIP FEES													
	86		265		420		460	470		470			
318 COMPUTER SOFTWARE													
	2,012				2,250		2,000						
321 TRAVEL,TRAINING & SUBSISTENCE													
	149		100		3,000		3,000	3,000		3,000			
328 MEALS & RELATED EXPENSE													
					200		100	120		120			
361 UNIFORMS & SPECIAL CLOTHING													
					150		150	300		300			
511 PROFESSIONAL SERVICES													
	30		534		22,000		25,000	20,000		20,000			
536 MAINTENANCE CONTRACTS													
					350		350	350		350			

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

046 PRINCIPAL ENGINEER

POSITION IS ALLOCATED .50 FTE 501-72-0740 / .25 FTE 502-72-0740 / .25 FTE 513-72-0740 / AND .10 FTE 001-72-0703.

051 CITY ENGINEER

ALLOCATED 34% 502-72-0740, 33% 513-72-0740 AND 33% 101-72-0735.

084 PROJECT ENGINEER 1

FY 16-17 REFLECTS NEW 1 FTE PROJECT ENGINEER 1 POSITION THAT IS ALLOCATED 20% 101-72-0735, 40% 501-72-0740, AND 40% 513-72-0740

124 ENGINEERING CONST INSPECTOR

FY 16-17 REFLECTS NEW 1 FTE ENGINEERING CONSTRUCTION INSPECTOR THAT IS ALLOCATED 40% 501-72-0740, 40% 513-72-0740, 20% 101-72-0735

221 SUPPORT SPECIALIST 2

POSITION IS ALLOCATED .50 FTE 501-72-0740 / .25 FTE 502-72-0740 / .25 FTE 513-72-0740.

275 TEMPORARY EMPLOYEES

TEMPORARY EMPLOYEE TO REVIEW VIDEOS OF STORM PIPES LOOKING FOR BREAKS OR INTRUSIONS

299 PAYROLL TAXES AND FRINGES

PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

305 SPECIAL DEPARTMENT SUPPLIES

MISCELLANEOUS SUPPLIES AND MATERIALS $200

307 MEMBERSHIP FEES

OREGON PROFESSIONAL ENGINEER BIANNUAL RENEWAL FOR ONE PROJECT ENGINGEER $200
AMERICAN SOCIETY OF CIVIL ENGINEERS FOR ONE PROJECT ENGINEER $270

318 COMPUTER SOFTWARE

NO APPROPRIATION REQUESTED

321 TRAVEL,TRAINING & SUBSISTENCE

PROFESSIONAL DEVELOPMENT (TRAINING) TO MAINTAIN CIVIL ENGINEERING LICENSE $3,000

328 MEALS & RELATED EXPENSE

PROFESSIONAL SOCIETY LUNCH AND DINNER MEETINGS; SPONSORED MEETING WITH CITY/AGENCY TECHNICAL GROUP, PARKING EXPENSE $120

361 UNIFORMS & SPECIAL CLOTHING

2 - RAINGEAR, FOOTWEAR, CLOTHING, JACKETS, HARD HATS, VESTS, & SAFETY EQUIP $300
THIS EXPENSE WAS PREVIOUSLY ACCOUNTED FOR IN THE PUBLIC WORKS ADMIN FUND.
(MB, TW)

511 PROFESSIONAL SERVICES

PROFESSIONAL SERVICES FOR STORMWATER MODELING, MAPPING, DOCUMENT REVIEW AND ENGINEERING DESIGN MANUAL UPDATE ASSOCIATED WITH STORMWATER ENGINEERING $20,000

536 MAINTENANCE CONTRACTS

ANNUAL SOFTWARE MAINTAIN COST FOR FLOWMASTER AND HYDROCAD SPECIALTY SOFTWARE

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
TOTAL CLASS: 10 MATERIALS & SERVICES													
	2,415		1,101		28,570		31,260	24,440		24,440			
CLASS: 25 TRANSFERS													
816	TRSFRS TO REPROGRAPHICS FUND												
	1,157		711		826		826	1,387		1,387			
835	TRSFR TO GF, BVTN BLDG OPERATIONS												
					20,076		20,076	10,038		10,038			
836	TRSFR TO GF, BVTN BLDG DEBT SVC												
					26,714		26,714	10,097		10,097			
TOTAL CLASS: 25 TRANSFERS													
	1,157		711		47,616		47,616	21,522		21,522			
TOTAL PROGRAM: 0740 ENTERPRISE MGMT & ADMIN													
	250,406	1.93	287,906	2.73	477,847	2.73	455,720	446,287	2.73	452,083	2.73		
TOTAL DEPARTMENT: 72 CAPITAL DEVELOPMNT-ENGINEERING													
	250,406	1.93	287,906	2.73	477,847	2.73	455,720	446,287	2.73	452,083	2.73		

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 72 CAPITAL DEVELOPMNT-ENGINEERING
PROGRAM: 0740 ENTERPRISE MGMT & ADMIN

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

816 TRSFRS TO REPROGRAPHICS FUND
ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS

835 TRSFR TO GF, BVTN BLDG OPERATIONS
BEAVERTON BUILDING OPERATING EXPENSE ALLOCATION FOR FY16-17 AND FY17-18 ($10,038/YR.)

836 TRSFR TO GF, BVTN BLDG DEBT SVC
BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION FOR FY16-17 AND FY17-18 ($13,357/YR.)

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
049 PROG COORDINATOR -PUBLIC WORKS													
								69,992	1.00	69,992	1.00		
057 PUBLIC WORKS SUPERVISOR													
	27,714	.50	12,801	.50	35,414	.50	38,001	41,485	.50	41,485	.50		
112 PUBLIC WORKS MANAGER 3													
	36,777	.33	37,313	.33	55,675	.50	57,810	59,256	.50	59,256	.50		
123 ENGINEERING TECH 2													
			56,735	1.00	56,983	1.00	64,652						
124 ENGINEERING CONST INSPECTOR													
	72,544	1.00	72,487	1.00	73,794	1.00	73,930	72,974	1.00	72,974	1.00		
170 PUBLIC WORKS LEAD													
			32,189	.50	107,523	1.50	93,763	171,551	2.50	171,551	2.50		
176 PUBLIC WORKS EQUIPMNT OPERATOR													
	284,928	5.00	337,416	5.00	253,109	4.00	264,110	263,652	4.00	263,652	4.00		
177 PUBLIC WORKS TECHNICIAN													
	327,073	6.00	260,226	5.00	273,428	5.00	288,098	233,936	4.00	233,936	4.00		
188 INVENTORY CONTROL TECHNICIAN													
	7,519	.15	8,252	.15	8,881	.15	9,403						
274 SEASONAL WORKFORCE													
	53,601		64,436		70,000		70,000	75,000		75,000			
275 TEMPORARY EMPLOYEES													
	39,819		29,556										
299 PAYROLL TAXES AND FRINGES													
	509,905		550,634		572,825		550,729	613,073		632,966			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	1,359,880	12.98	1,462,045	13.48	1,507,632	13.65	1,510,496	1,600,919	13.50	1,620,812	13.50		
CLASS: 10 MATERIALS & SERVICES													
303 OFFICE FURNITURE & EQUIPMENT													
					2,750		2,948	1,200		1,200			

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

049 PROG COORDINATOR -PUBLIC WORKS
FY 18-19 REFLECTS RECLASSIFICATION OF 1 FTE ENGINEERING TECH 2 TO PROGRAM COORDINATOR

057 PUBLIC WORKS SUPERVISOR
THIS POSITION IS ALLOCATED 50/50 IN THE STORM DRAIN FUND AND THE SEWER FUND (502-85-0753)
FY 16-17 REFLECTS DECREASE DUE TO POSITION VACANCY.

112 PUBLIC WORKS MANAGER 3
POSITION FUNDED BY STREET FUND, STORM DRAIN FUND, AND SEWER FUND.
FY 17-18 FTE REFLECTS INCREASE DUE TO POSITION REALLOCATION DUE TO REORGANIZATION.

123 ENGINEERING TECH 2
FY 16-17 REFLECTS RECLASSIFICATION OF 1 FTE PW TECH TO 1 FTE ENGINEERING TECH 2.
FY 18-19 REFLECTS RECLASSIFICATION OF 1 FTE ENGINEERING TECH 2 TO PROGRAM COORDINATOR

124 ENGINEERING CONST INSPECTOR

170 PUBLIC WORKS LEAD
FY 16-17 REFLECTS REALLOCATION OF 1 FTE PUBLIC WORKS LEAD FROM 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION) TO 50/50 502-85-0753 / 513-85-0734 (SEWER/STORM MAINTENANCE).
FY 17-18 REFLECTS 1 FTE INCREASE DUE TO RECLASSIFICATION AND REALLOCATION OF 1 FTE PW EQUIPMENT OPERATOR IN THE STORM DRAIN FUND.
FY 17-18 REFLECTS RECLASSIFICATION OF 1 FTE PW TECH TO 1 FTE PUBLIC WORKS LEAD.

176 PUBLIC WORKS EQUIPMNT OPERATOR

177 PUBLIC WORKS TECHNICIAN
FY 16-17 REFLECTS RECLASSIFICATION OF 1 FTE PW TECH TO 1 FTE ENGINEERING TECH 2.
FY 17-18 REFLECTS RECLASSIFICATION OF 1 FTE PW TECH TO 1 FTE PUBLIC WORKS LEAD.

188 INVENTORY CONTROL TECHNICIAN
FY 2018-19 REFLECTS REDISTRIBUTION OF 1 FTE INVENTORY CONTROL TECH POSITION FROM 25% IN 001-85 / 25% IN 101-85 / 25% IN 501-85 / 10% IN 502-85 / 15% IN 513-85 TO 100% IN THE GARAGE FUND.

274 SEASONAL WORKFORCE
SEASONAL HELP FOR DRAINAGE FACILITY MOWING, POND RESTORATION/MAINTENANCE, CREEK ENHANCEMENT AND LEAF PROGRAM. MAINTENANCE OF 50 PONDS ($25,000); POND ENHANCEMENT ($10,000); CREEK ENHANCEMENT ($15,000); LEAF PROGRAM ($20,000)

275 TEMPORARY EMPLOYEES
NO APPROPRIATION REQUESTED

299 PAYROLL TAXES AND FRINGES
PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

303 OFFICE FURNITURE & EQUIPMENT
4 CHAIRS @ $300 $1,200

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
304	DEPARTMENT EQUIPMENT EXPENSE												
	10,321		10,130		8,410		8,000	7,900		7,900			
305	SPECIAL DEPARTMENT SUPPLIES												
	33,367		37,318		32,250		32,000	34,200		34,200			
307	MEMBERSHIP FEES												
	922		830		1,550		1,200	875		875			
317	COMPUTER EQUIPMENT												
	4,271		967					3,000		3,000			
318	COMPUTER SOFTWARE												
			12,177		1,000		1,480						
321	TRAVEL,TRAINING & SUBSISTENCE												
	5,006		7,782		7,900		7,900	8,025		8,025			
328	MEALS & RELATED EXPENSE												
	206		380										
351	UTILITIES EXPENSE												
	194		4,612		5,075		5,000	5,075		5,075			
361	UNIFORMS & SPECIAL CLOTHING												
	3,568		3,711		4,100		4,100	4,100		4,100			
419	CHEMICAL & LABORATORY SUPPLIES												
					250		250	259		259			
425	DUMPING EXPENSES												
	41,464		93,637		70,000		99,000	100,000		100,000			
428	FLOOD CONTROL												
	2,403		2,137		1,500		1,500	1,500		1,500			
433	STORM SEWER MAINTENANCE												
	1,080		21,671		20,500		20,500	22,000		22,000			
461	SPECIAL EXPENSE												
	246		265		275		275	250		250			
511	PROFESSIONAL SERVICES												

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

304 DEPARTMENT EQUIPMENT EXPENSE

NOZZLES $5,000
PUMP & 1500 GAL TANK $2,000
WEED WACKERS * 2 @ $450 $900

305 SPECIAL DEPARTMENT SUPPLIES

LINE CLEANING SUPPLIES $2,000
VIDEO SUPPLIES $5,000VIDEO CABLE 1500' @ 4.90/FT $7,500
GUTTER BROOMS THREE STREET SWEEPERS 2 PALLETS @ $1,754/PALLET $3,600
MISC SUPPLIES $1,000
CURTAINS FOR THREE SWEEPERS INSTALLED @ $1,500/YR $4,600
VACTOR PARTS = TUBES, SUCTION NOZZLES, CLAMPS $4,500
HOSE REPLACEMENT FOR 2 VACTORS (800') @ $3.66/FT $6,000

307 MEMBERSHIP FEES

WW CERT RENEWALS (2 @ $150 EA, 2 @ $250) $700
PESTICIDE APPLICATORS LISCENSE $175

317 COMPUTER EQUIPMENT

LAPTOP REPLACEMENT (X2) $3,000

318 COMPUTER SOFTWARE

NO APPROPRIATIONS REQUESTED

321 TRAVEL,TRAINING & SUBSISTENCE

5 - SHORT SCHOOL CLACKAMAS COMMUNITY COLLEGE ($225 EACH) $1,125
4- APWA CONFERENCE REDMOND 3 NIGHT STAY (REGISTRATION $1,000 & T&S $1,600) $2,600
4- APWA CONFERENCE SEASIDE 3 NIGHT STAY (REGISTRATION $1,000 & T&S $2,000) $3,000
2 - PACP USER CONFERENCE @ $100 EACH $200
4 - VACTOR TRAINING @ $275 $1,100

328 MEALS & RELATED EXPENSE

FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND

351 UTILITIES EXPENSE

PURCHASE OF FIRE HYDRANT USE PERMITS AND WATER USAGE; IRRIGATION OF WATER QUALITY $5,000
IRRIGATION FOR PLANT ESTABLISHMENT AT HALL CREEK 114TH TO 117TH $75

361 UNIFORMS & SPECIAL CLOTHING

10 EMPLOYEES @ $410/EACH $4,100

419 CHEMICAL & LABORATORY SUPPLIES

WEED CONTROL IN DRAINAGE FACILITIES RODEO AND GARLAND $259

425 DUMPING EXPENSES

COSTS TO DISPOSE OF LEAVES INCREASED DRAMATICALLY IN 2016, CLEAN WATER SERVICES HAS $100,000
BUILT A REGIONAL FACILITY WHERE WE SHOULD BE ABLE TO DUMP NEXT YEAR COSTS HAVE YET
TO BE DETERMINED USING LAST YEARS COST FOR NOW

428 FLOOD CONTROL

SAND, SANDBAGS, BARRICADES. $1,500

433 STORM SEWER MAINTENANCE

BANK STABILIZATION MATERIALS: $2,000
PLANTS AND OTHER MATERIALS FOR STREAM ENHANCEMENT PROJECTS $10,000
PLANTS AND OTHER MATERIALS FOR POND MAINTENANCE PROJECTS $10,000

461 SPECIAL EXPENSE

COMMERCIAL DRIVERS LICENSE RENEWAL $250

511 PROFESSIONAL SERVICES

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	180,672		184,617		180,689		150,000	180,000		180,000			
512 CITY RIGHT OF WAY FEES													
	312,483		331,980		277,111		270,000	290,000		290,000			
551 RENTS AND LEASES													
	1,196		1,232		2,500		2,500	2,500		2,500			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	597,399		713,446		615,860		606,653	660,884		660,884			
CLASS: 15 CAPITAL OUTLAY													
641 VEHICLES													
	31,055							37,650		37,650			
671 EQUIPMENT													
			233,047		719,685		719,000	55,000		55,000			
TOTAL CLASS: 15 CAPITAL OUTLAY													
	31,055		233,047		719,685		719,000	92,650		92,650			
CLASS: 25 TRANSFERS													
801 TRSFR TO GENERAL FD - OVERHEAD													
	280,673		330,520		318,887		318,887	332,806		332,806			
802 TRSFR TO GENERAL FD-ACCOUNTING													
	69,556		46,631		28,616		28,616	62,355		62,355			
803 TRSFR TO GENERAL FD-LANDSCAPE													
	12,723		13,871		16,043		16,043	16,734		16,734			
804 TRSFR - OPERATIONS ADMIN													
	214,314		252,722		247,169		299,531	237,588		237,588			
805 TRSFR TO G/F BLDG MAINT													
	11,923		12,288		14,244		14,244	12,398		12,398			
808 TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)													
	69,124		84,496		141,672		141,672	153,606		153,606			
817 TRSFRS TO GARAGE FUND													
	164,736		147,307		124,717		124,717	180,064		180,064			
818 TRSFRS TO ISD-ALLOCATED													
	102,671		94,268		117,908		117,908	142,713		142,713			
819 TRSFRS TO INSURANCE FUND													
	83,113		108,046		124,253		124,253	124,253		124,253			

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
	COMPOST FILTER MAINTENANCE (11 VAULTS WITH 700 FILTERS @ $90 EA) $63,000 VIDEO EQUIPMENT REPAIRS $5,000 TRAFFIC CONTROL, COVERALL CLEANING, ONE CALL FEES, AND DETECTOR CALIBRATIONS $5,000 CREEK ENHANCEMENT; MAINTAIN UPPER FANNO WETLANDS, BARROWS MEADOWS, GREENWAY $5,000 PUBLIC WATER QUALITY (WQ) FACILITIES; MAINTAIN 21 PROJECTS FROM THE PREVIOUS 3 YEARS $5,000 MAINTAIN CIP PROJECTS LITTLE PEOPLES PARK. $5,000 PUBLIC WQ FACILITY REHABS: (8 PONDS) WITH NAC PARTICIPATION $40,000 STORM LOCATES $45,000 WETLAND MONITORING REPORTS $7,000
512	CITY RIGHT OF WAY FEES THIS ACCOUNT WAS ESTABLISHED TO ACCOUNT FOR THE PAYMENT IN LIEU OF 5% FRANCHISE FEES TO THE GENERAL FUND.
551	RENTS AND LEASES ARCTIC STORAGE LOT LEASE $1,500 TOOL RENTALS $1,000
641	VEHICLES 1 - REPLACEMENT FOR VEHICLE NO. 2-661, (2007 CHEVY PICKUP) WITH FORD F350 SUPER CAB 2WD PICKUP VEHICLE. (COST INCLUDES VEHICLE, SAFETY LIGHTING, AND ARROW BOARD) $37,650
671	EQUIPMENT OPTICAL ZOOM VIDEO CAMERA FOR INSPECTING STORM LINES & TRACTOR. $35,000 1 - 27 HORSE POWER, 6" CHIPPER $20,000
801	TRSFR TO GENERAL FD - OVERHEAD ALLOCATION OF OVERHEAD SERVICES PROVIDED BY GENERAL FUND
802	TRSFR TO GENERAL FD-ACCOUNTING ALLOCATION OF ACCOUNTING SERVICES PROVIDED BY THE GENERAL FUND
803	TRSFR TO GENERAL FD-LANDSCAPE ALLOCATION OF LANDSCAPE SERVICES PROVIDED BY THE GENERAL FUND
804	TRSFR - OPERATIONS ADMIN ALLOCATION OF SERVICES PROVIDED BY THE OPERATIONS ADMINISTRATION FUND
805	TRSFR TO G/F BLDG MAINT ALLOCATION OF BUILDING MAINTENANCE SERVICES PROVIDED BY THE GENERAL FUND
808	TRSFRS TO GIS PGRM (TO ISD FUND 2018-19) ALLOCATION OF GEOGRAPHICAL INFORMATION SERVICES
817	TRSFRS TO GARAGE FUND ALLOCATION OF FLEET SERVICES (FUEL AND MAINTENANCE) PROVIDED BY THE GARAGE FUND
818	TRSFRS TO ISD-ALLOCATED ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND $104,503 SOFTWARE MAINTENANCE COSTS - ASSET SYSTEM AND UTILITY BILLING $36,010 ENGINEERING SOFTWARE UPGRADES $2,200
819	TRSFRS TO INSURANCE FUND ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE.

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
TOTAL CLASS: 25 TRANSFERS													
	1,008,833		1,090,149		1,133,509		1,185,871	1,262,517		1,262,517			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
981 RESERVE - STORM SDC CONVEYANCE													
					2,040,226			2,088,577		2,088,577			
984 RESERVE - STORM SDC QUALITY													
					157,303			221,871		221,871			
985 RESERVE - STORM SDC QUANTITY													
					632,816			671,854		671,854			
986 RESERVE - DEDICATED SURCHARGES													
					1,554,252			2,316,411		2,316,411			
991 CONTINGENCY - UNRESERVED													
					2,614,760			2,593,258		2,525,489			
996 RESERVE - EQUIPMENT REPLACEMT													
					1,247,243			838,090		838,090			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					8,246,600			8,730,061		8,662,292			
TOTAL PROGRAM: 0734 STORM DRAINAGE MAINTENANCE													
	2,997,167	12.98	3,498,687	13.48	12,223,286	13.65	4,022,020	12,347,031	13.50	12,299,155	13.50		

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0734 STORM DRAINAGE MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

981 RESERVE - STORM SDC CONVEYANCE

984 RESERVE - STORM SDC QUALITY

985 RESERVE - STORM SDC QUANTITY

986 RESERVE - DEDICATED SURCHARGES

991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEMT
RESERVE FOR VEHICLE REPLACEMENT

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0739 STORM DRAINAGE CONSTRUCTION

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
057 PUBLIC WORKS SUPERVISOR													
			20,932	.25									
112 PUBLIC WORKS MANAGER 3													
	26,472	.25			25,516	.33	28,160	30,992	.33	30,992	.33		
170 PUBLIC WORKS LEAD													
	39,939	.50			22,861	.33	21,177	23,808	.33	23,808	.33		
176 PUBLIC WORKS EQUIPMNT OPERATOR													
	33,249	.50	34,615	.50	32,175	.50	34,731	34,411	.50	34,411	.50		
177 PUBLIC WORKS TECHNICIAN													
	58,885	2.00	54,793	1.00	58,651	1.00	56,168	59,646	1.00	59,646	1.00		
275 TEMPORARY EMPLOYEES													
	270												
299 PAYROLL TAXES AND FRINGES													
	69,478		65,539		89,164		91,942	101,751		104,958			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	228,293	3.25	175,879	1.75	228,367	2.16	232,178	250,608	2.16	253,815	2.16		
CLASS: 10 MATERIALS & SERVICES													
304 DEPARTMENT EQUIPMENT EXPENSE													
	4,769		2,805		7,000		4,000	7,000		7,000			
305 SPECIAL DEPARTMENT SUPPLIES													
	5,070		2,749		5,500		2,000	5,000		5,000			
307 MEMBERSHIP FEES													
					300		300	300		300			
321 TRAVEL,TRAINING & SUBSISTENCE													
	883		24		2,000			2,000		2,000			
328 MEALS & RELATED EXPENSE													
			175										

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0739 STORM DRAINAGE CONSTRUCTION

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

057 PUBLIC WORKS SUPERVISOR

FY 16-17 REFLECTS REALLOCATION OF THE PUBLIC WORKS SUPERVISOR POSITION FROM 100% IN 101-85-0732 TO 50% 101-85-0732 / 25% 502-85-0757 / 25% 513-85-0739

112 PUBLIC WORKS MANAGER 3

FY 16-17 REFLECTS RE-ALLOCATION OF PUBLIC WORKS MANAGER 3 THAT WAS ALLOCATED 50/25/25 IN 501-85-0743 / 502-85-0757 / 513-85-0739 TO 50/50 501-85-0743 / 501-85-0742.
FY 17-18 FTE REFLECTS INCREASE DUE TO POSITION REALLOCATION DUE TO REORGANIZATION.

170 PUBLIC WORKS LEAD

FY 16-17 REFLECTS REALLOCATION OF 1 FTE PUBLIC WORKS LEAD FROM 50/50 502-85-0757 / 513-85-0739 (SEWER/STORM CONSTRUCTION) TO 50/50 502-85-0753 / 513-85-0734 (SEWER/STORM MAINTENANCE).
FY 17-18 REFLECTS RECLASSIFICATION OF 1 FTE PW EQUIPMENT OPERTOR IN THE STREET FUND TO 1 FTE PW LEAD THAT IS ALLOCATED 33/34/33 IN STREET / SEWER / STORM FUNDS DUE TO REORGANIZATION.

176 PUBLIC WORKS EQUIPMNT OPERATOR

177 PUBLIC WORKS TECHNICIAN

FY 16-17 REFLECTS TRANSFER OF 1 FTE PW TECH POSITION TO 502-85-0757 (SEWER CONSTRUCTION)
FY 16-17 ALSO REFLECTS INCREASE DUE TO POSITION BEING FILLED AT A HIGHER STEP THAN WAS INCLUDED IN THE ADOPTED BUDGET.

275 TEMPORARY EMPLOYEES

299 PAYROLL TAXES AND FRINGES

PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

304 DEPARTMENT EQUIPMENT EXPENSE

CALIBRATION STANDARDS; ATMOSPHERIC TESTER REAGENTS
POWER TOOL REPLACEMENTS AS NEEDED
HYDRAULIC TRENCH PIPE SAW

305 SPECIAL DEPARTMENT SUPPLIES

REPLACEMENT BLADES; CUTTING CHAINS AND SAW PARTS
EROSION CONTROL (CB SILT SACKS, COIR LOGS . . .)
TRAFFIC CONTROL, BARRICADES, STEEL PLATES

307 MEMBERSHIP FEES

CERT TESTING FEES $300

321 TRAVEL,TRAINING & SUBSISTENCE

1 - SHORT SCHOOL AT CLACKAMAS COMMUNITY COLLEGE $300
1 - AWWA CONFERENCE REDMOND WITH 3 NIGHT STAY ($250 REGISTRATION + $400 T&S) $650
1 - VACTOR TRAINING $300
1 - AWWA CONFERENCE NEWPORT WITH 3 NIGHT STAY ($250 REGISTRATION + $500 T&S) $750

328 MEALS & RELATED EXPENSE

FY 2017-18 REFLECTS THIS EXPENSE IS ACCOUNTED FOR IN THE PUBLIC WORKS ADMINSTRATION FUND

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0739 STORM DRAINAGE CONSTRUCTION

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
425 DUMPING EXPENSES													
	60		1,170		1,200		1,200	1,200		1,200			
434 CONSTRUCTION MATERIALS													
	4,090		12,867		87,000		40,000	87,000		87,000			
511 PROFESSIONAL SERVICES													
	1,780		1,063		75,000		79,000	77,500		77,500			
551 RENTS AND LEASES													
	1,196		1,404		4,000		4,000	4,000		4,000			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	17,848		22,257		182,000		130,500	184,000		184,000			
CLASS: 15 CAPITAL OUTLAY													
671 EQUIPMENT													
					43,000		43,000						
TOTAL CLASS: 15 CAPITAL OUTLAY													
					43,000		43,000						
CLASS: 25 TRANSFERS													
817 TRSFRS TO GARAGE FUND													
			5,639		2,829		2,829	6,840		6,840			
TOTAL CLASS: 25 TRANSFERS													
			5,639		2,829		2,829	6,840		6,840			
TOTAL PROGRAM: 0739 STORM DRAINAGE CONSTRUCTION													
	246,141	3.25	203,775	1.75	456,196	2.16	408,507	441,448	2.16	444,655	2.16		
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS													
	3,243,308	16.23	3,702,462	15.23	12,679,482	15.81	4,430,527	12,788,479	15.66	12,743,810	15.66		
TOTAL FUND: 513 STORM DRAIN FUND													
	5,706,654	19.59	4,769,621	19.59	16,450,649	20.17	5,704,670	17,081,005	20.02	17,085,005	20.45		

BP WORKSHEET & JUSTIFICATION

FUND: 513 STORM DRAIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0739 STORM DRAINAGE CONSTRUCTION

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

425 DUMPING EXPENSES
LANDFILL DEBRIS DISPOSAL $1,200

434 CONSTRUCTION MATERIALS
28 CATCH BASIN REHABILITATIONS @ $1,500 EACH $42,000
VAULT AND MANHOLE STRUCTURE REPAIRS 2 @ $10,000 EACH $20,000
PIPE REPAIRS (5 @ $5000 EACH) $25,000
(SOME OF THE FUNDS WERE PREVIOUSLY CAPTURED IN MAINTENANCE 433)

511 PROFESSIONAL SERVICES
MANHOLE ADJUSTMENT AND SEALING: AS IDENTIFIED BY INSPECTIONS AND OVERLAYS 50 @ $1,150 $57,500
TRAFFIC CONTROL, CORE DRILLING AND CLEANING COVERALLS $3,000
TRUCKING 100 HOURS @ $100 PER HOUR $10,000
PORTABLE RESTROOM SERVICING, STREET CUTTING $2,000
TRAFFIC CONTROL FOR MANHOLE ADJUSTMENTS $5,000

551 RENTS AND LEASES
MISCELLANEOUS EQUIPMENT, SHORING AND STEEL PLATES $2,500
ARCTIC STORAGE LOT LEASE $1,500

671 EQUIPMENT

817 TRSFRS TO GARAGE FUND

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
513-72	CAPITAL DEVELOPMNT-ENGINEERING											
513-72-0740-05-046	PRINCIPAL ENGINEER	0.25	532			33,165				33,165	16,905	50,070
513-72-0740-05-051	CITY ENGINEER	0.33	686			41,770				41,772	21,757	63,529
513-72-0740-05-084	PROJECT ENGINEER 1	1.50	3,116			135,990				135,985	69,415	205,400
513-72-0740-05-124	ENGINEERING CONST INSPECTOR	0.40	832			24,815			108	24,922	15,983	40,905
513-72-0740-05-221	SUPPORT SPECIALIST 2	0.25	523	1		11,795	33			11,831	5,107	16,938
	ENTERPRISE MGMT & ADMIN	2.73	5,689	1		247,535	33		108	247,675	129,167	376,842
	**** DEPARTMENT TOTAL ****	2.73	5,689	1		247,535	33		108	247,675	129,167	376,842

0880

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
513-85	PUBLIC WORKS - OPERATIONS											
513-85-0734-05-057	PUBLIC WORKS SUPERVISOR	0.50	1,040	10		37,494	504			38,001	29,639	67,640
513-85-0734-05-112	PUBLIC WORKS MANAGER 3	0.50	1,080			57,815				57,810	35,927	93,737
513-85-0734-05-123	ENGINEERING TECH 2	1.00	2,111	89		59,265	3,587		1,800	64,652	27,375	92,027
513-85-0734-05-124	ENGINEERING CONST INSPECTOR	1.00	2,160			73,660			270	73,930	33,634	107,564
513-85-0734-05-170	PUBLIC WORKS LEAD	1.50	3,110	26		92,077	1,245		445	93,763	63,670	157,433
513-85-0734-05-176	PUBLIC WORKS EQUIPMNT	4.00	8,580	210		253,429	9,331		1,350	264,110	177,748	441,858
513-85-0734-05-177	PUBLIC WORKS TECHNICIAN	5.00	10,531	108		278,832	4,556		4,710	288,098	167,648	455,746
513-85-0734-05-188	INVENTORY CONTROL TECHNICIAN	0.15	325	11		8,930	423		50	9,403	6,069	15,472
513-85-0734-05-274	SEASONAL WORKFORCE		4,110	8		69,794	204		2	70,000	9,019	79,019
	STORM DRAINAGE MAINTENANCE	13.65	33,047	462		931,295	19,849		8,627	959,767	550,729	1,510,496
513-85-0739-05-112	PUBLIC WORKS MANAGER 3	0.33	688			28,162				28,160	12,491	40,651
513-85-0739-05-170	PUBLIC WORKS LEAD	0.33	675	5		20,873	214		89	21,177	17,309	38,486
513-85-0739-05-176	PUBLIC WORKS EQUIPMNT	0.50	1,102	49		32,443	2,150		135	34,731	21,729	56,460
513-85-0739-05-177	PUBLIC WORKS TECHNICIAN	1.00	2,170	26		54,917	981		270	56,168	40,413	96,581
	STORM DRAINAGE CONSTRUCTION	2.16	4,634	79		136,394	3,345		494	140,236	91,942	232,178
	**** DEPARTMENT TOTAL ****	15.81	37,681	541		1,067,689	23,194		9,121	1,100,003	642,671	1,742,674

0881

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
513-72	CAPITAL DEVELOPMNT-ENGINEERING											
513-72-0740-05-046	PRINCIPAL ENGINEER	0.25	540			34,510				34,510	18,667	53,177
513-72-0740-05-051	CITY ENGINEER	0.33	685			43,856				43,856	24,137	67,993
513-72-0740-05-084	PROJECT ENGINEER 1	1.50	3,120			141,424				141,424	79,640	221,064
513-72-0740-05-124	ENGINEERING CONST INSPECTOR	0.40	832			26,705			108	26,813	18,278	45,091
513-72-0740-05-221	SUPPORT SPECIALIST 2	0.25	520	5		12,646	180			12,825	5,971	18,796
	ENTERPRISE MGMT & ADMIN	2.73	5,697	5		259,141	180		108	259,428	146,693	406,121
	**** DEPARTMENT TOTAL ****	2.73	5,697	5		259,141	180		108	259,428	146,693	406,121

0882

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:45 PM

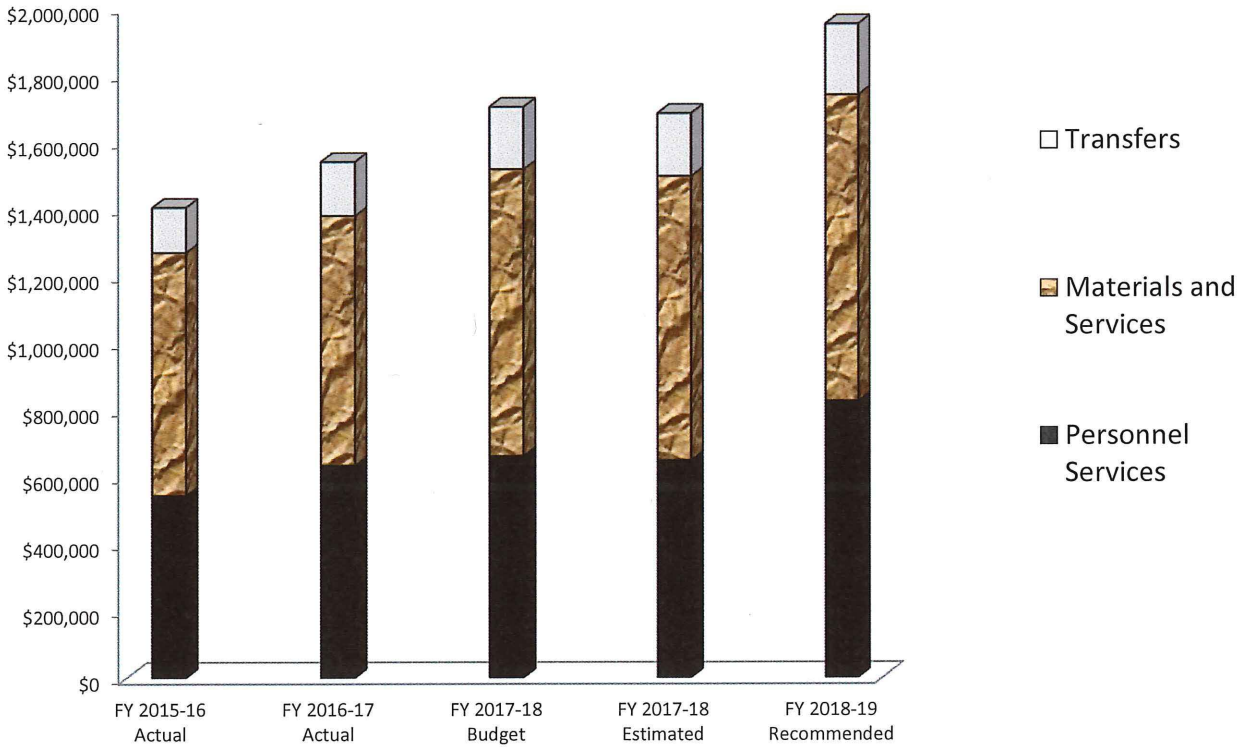
ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
513-85	PUBLIC WORKS - OPERATIONS											
513-85-0734-05-049	PROG COORDINATOR -PUBLIC	1.00	2,080	10		69,223	499		270	69,992	55,620	125,612
513-85-0734-05-057	PUBLIC WORKS SUPERVISOR	0.50	1,050	10		40,847	558		80	41,485	34,094	75,579
513-85-0734-05-112	PUBLIC WORKS MANAGER 3	0.50	1,080			59,256				59,256	41,550	100,806
513-85-0734-05-124	ENGINEERING CONST INSPECTOR	1.00	2,080			72,704			270	72,974	37,436	110,410
513-85-0734-05-170	PUBLIC WORKS LEAD	2.50	5,280	55		168,095	2,621		835	171,551	107,463	279,014
513-85-0734-05-176	PUBLIC WORKS EQUIPMNT	4.00	8,400	190		253,647	8,605		1,400	263,652	194,624	458,276
513-85-0734-05-177	PUBLIC WORKS TECHNICIAN	4.00	8,320	90		228,335	3,801		1,800	233,936	156,611	390,547
513-85-0734-05-274	SEASONAL WORKFORCE		4,417			74,997			3	75,000	5,568	80,568
	STORM DRAINAGE MAINTENANCE	13.50	32,707	355		967,104	16,084		4,658	987,846	632,966	1,620,812
513-85-0739-05-112	PUBLIC WORKS MANAGER 3	0.33	687			30,992				30,992	14,860	45,852
513-85-0739-05-170	PUBLIC WORKS LEAD	0.33	687	15		22,844	825		142	23,808	21,144	44,952
513-85-0739-05-176	PUBLIC WORKS EQUIPMNT	0.50	1,060	50		32,011	2,265		135	34,411	23,444	57,855
513-85-0739-05-177	PUBLIC WORKS TECHNICIAN	1.00	2,120	40		57,767	1,609		270	59,646	45,510	105,156
	STORM DRAINAGE CONSTRUCTION	2.16	4,554	105		143,614	4,699		547	148,857	104,958	253,815
	**** DEPARTMENT TOTAL ****	15.66	37,261	460		1,110,718	20,783		5,205	1,136,703	737,924	1,874,627

0883

Garage Fund

GARAGE FUND

RECOMMENDED FY 18-19



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Garage**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$543,551	$632,938	$660,658	$647,539	$824,435	24.79%
Materials and Services	724,779	744,941	855,975	848,081	913,320	6.70%
Transfers	134,515	161,059	185,884	187,403	211,548	13.81%
SUB-TOTAL	$1,402,845	$1,538,938	$1,702,517	$1,683,023	$1,949,303	
Contingency			54,172		40,197	
TOTAL	$1,402,845	$1,538,938	$1,756,689	$1,683,023	$1,989,500	
FTE's	6.00	6.00	6.00		7.00	

Explanation of item(s) that are significant (10% and greater than $10,000):

Personnel services:
FY 2018-19 reflects the reallocation of 1.0 FTE Inventory Control Technician Position to the Garage Fund that was previous allocated to the General Fund 25%, Street Fund 25%, Water Fund 25%, Sewer Fund 10%, and Storm Drain Fund 15%. The Recommended Budget also includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
No significant change

Transfers:
FY 2017-18 reflects a $20K increase in transfers to the Operations Admin Fund and a $6K increase in transfers to the ISD Fund.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
602 GARAGE	PUBLIC WORKS
	DEPARTMENT HEAD: DAVID DONALDSON

MISSION STATEMENT:

To provide high quality and efficient vehicle maintenance, repair and procurement services for the City's fleet of vehicles. Establish and achieve high standards for vehicle reliability, appearance, longevity and performance.

The primary source of revenue is inter-fund charges for maintenance and upkeep of vehicles and equipment.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	6.00	6.00	6.00	7.00	0.00
PERSONNEL SERVICES	$543,551	$632,938	$660,658	$824,435	$0
MATERIALS & SERVICES	724,779	744,941	855,975	913,320	0
CAPITAL OUTLAY					
TRANSFERS	134,515	161,059	185,884	211,548	0
CONTINGENCY	0	0	54,172	40,197	0
TOTAL	**$1,402,845**	**$1,538,938**	**$1,756,689**	**$1,989,500**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$68,865	$98,174	$103,315	$98,578	$0
Miscellaneous Revenues	22,477	10,953	1,400	3,500	0
Operating Transfers	1,409,679	1,533,123	1,651,974	1,887,422	0

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 602 GARAGE	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0762 FLEET MAINTENANCE	**PROGRAM MANAGER:** MIKE STERLE

Program Goal:
To provide a safe and reliable fleet of vehicles for use by city employees through the use of a comprehensive preventive maintenance program. Provide specialized support to fleet vehicle users when necessary to assure that well designed and properly equipped vehicles are regularly available for use. Convert the city's vehicle fleet to utilize a combination of renewable and domestically produced fuels (Propane auto gas, Bio-diesel, Electric, and Electric Hybrid) in support of *Council Goals "Preserve and enhance our sense of community. Use City resources efficiently to ensure long-term financial stability".*

Program Objective:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Number of Fleet Vehicles Maintained	195	211	212 / 218	223
Number of Equipment Units Maintained (Includes Off Highway, Trailers, Vehicles over 26,000 GVWR)	126	128	129 / 133	133
Number of Small Equipment Units Maintained (Includes all 900 series numbered assets, Non- roadable) (New measure)			195	195
Number of Vehicles Requiring DEQ Inspection	196	198	196 / 203	208
Number of Unscheduled Repair Requests (Discontinued measure)	2,274	2,250	N/A	N/A
Labor Hours For Unscheduled Repairs (New measure)		828	775 / 1,178	1,100

Progress on FY 2017-18 Action Plan:

- The Fleet Maintenance and Sustainability Programs were approved to move forward on a pilot program to install and evaluate propane auto gas in four City vehicles. Due to costs to retrofit vehicles, the pilot will consist of only two vehicles. This will be a Dual Fuel system which will lower our greenhouse gas emissions and fuel costs. This plan also makes progress towards Council Goal "Provide responsive, cost effective service to the community."
- Continued implementation of the RTA fleet software program to fully utilize its capabilities.
- Move fleet to Floating Pin fuel card system to track fuel usage for preventative maintenance software.

FY 2018-19 Action Plan:
Complete the feasibility analysis of the propane Autogas program. Train staff on the filling procedures required for propane. Move forward in FY 2018-19 with the purchase of additional vehicles retrofitted to operate on propane auto gas, if approved.

Performance Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Number of Fleet Vehicles/Equipment per Mechanic	64.2	68.4	68.8 / 87.7	91.5
Number of DEQ Inspections Completed	85	77	68 / 67	77
Total Number of Jobs Completed from all Work Orders	5,002	5,064	5,100 / 5,190	5,200

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

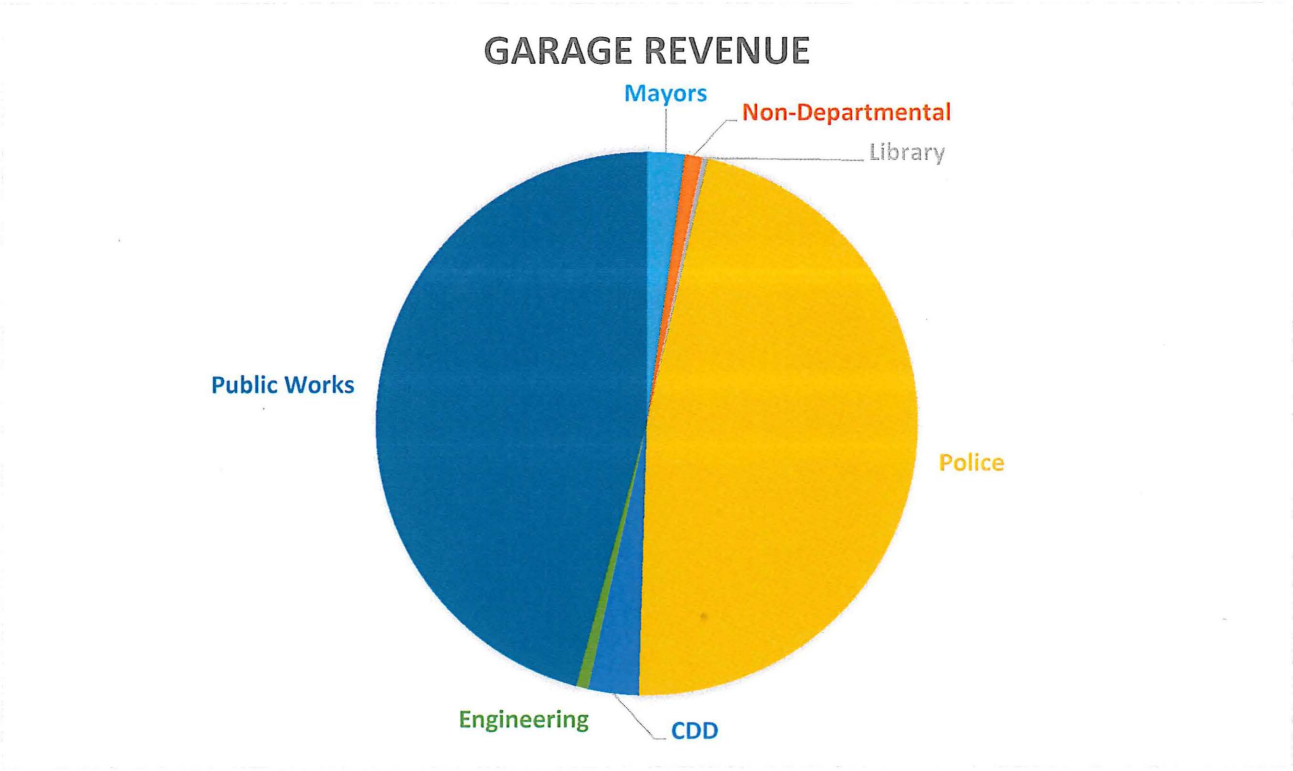
FUND: 602 GARAGE	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0762 FLEET MAINTENANCE	**PROGRAM MANAGER:** MIKE STERLE

Performance Measures (continued):	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Average Number of Work Orders per Vehicle	15.5	14.9	15.0 / 15.2	14.2
Average Number of Preventative Maintenance Services Preformed	840	1,036	1,000 / 1,240	1,800

Performance Outcomes and Program Trends:
Achieve high levels of vehicle performance and reliability with the intent to eliminate unscheduled vehicle and equipment out-of-service time due to problems that can be anticipated. Establish a fleet profile that maintains an effective balance of newer vehicles requiring limited repairs and older vehicles with higher maintenance costs. The number of FTE is not keeping pace with the increasing size and complexity of the fleet, which may cause issues in the future. Use of the new fleet maintenance software will increase data analysis abilities and hopefully identify efficiency and effectiveness improvements.

The Fleet Maintenance program is funded by inter-fund transfers. The transfers are based on the number of vehicles supported and fuel used. The largest sources of transfers are the Police Department, Street Maintenance, Sewer System Maintenance and Storm Drainage Maintenance.

Garage Fund Revenue by Department:



BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 602 GARAGE FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-68,865		-98,174		-103,315		-103,315	-103,315	-93,578		-98,578			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-68,865		-98,174		-103,315		-103,315	-103,315	-93,578		-98,578			
CLASS: 35 MISCELLANEOUS REVENUES														
382 SALE OF CITY PROPERTY														
	-7,843		-6,490				-26,378	-20,000						
384 INVESTMENT INTEREST EARNINGS														
	-1,009		-1,630		-1,400		-1,402	-1,400	-3,500		-3,500			
389 MISCELLANEOUS REVENUES														
	-125						-2,545	-2,700						
756 PERS RSRV DISTRIB-NON GAAP REV														
	-10,301													
757 MED/LIFE INS PREM REFUND DISTRIBUTION														
	-3,199		-2,833				-2,212	-2,212						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-22,477		-10,953		-1,400		-32,537	-26,312	-3,500		-3,500			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
411 TRSFRS FROM GENERAL FUND														
	-832,781		-873,605		-973,660		-586,248	-973,660	-1,074,271		-1,074,271			
412 TRSFRS FROM STREET FUND														
	-156,703		-221,220		-205,062		-141,937	-205,062	-270,985		-270,985			
419 TRSFRS FROM WATER FUND														
	-88,755		-99,563		-118,135		-85,099	-118,135	-121,969		-121,969			
421 TRSFRS FROM SEWER FUND														
	-114,794		-117,391		-148,633		-70,952	-148,633	-143,297		-143,297			
428 TRSFR FR BUILDING OPERATING FD														

0889

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 602 GARAGE FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	-40,029		-43,062		-49,673		-25,144	-49,673	-52,952		-52,952			
430 TRANSFER FROM LIBRARY FUND														
	-4,817		-5,751		-5,635		-7,342	-5,635	-12,752		-12,752			
440 TRSFRS FR STREET LIGHTING FUND														
	-7,064		-19,585		-23,630		-13,556	-23,630	-24,292		-24,292			
441 TRSFRS FR STORM DRAIN FUND														
	-164,736		-152,946		-127,546		-110,279	-127,546	-186,904		-186,904			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-1,409,679		-1,533,123		-1,651,974		-1,040,557	-1,651,974	-1,887,422		-1,887,422			
TOTAL DEPARTMENT: 03 REVENUE														
	-1,501,021		-1,642,250		-1,756,689		-1,176,409	-1,781,601	-1,984,500		-1,989,500			

0890

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 602 GARAGE FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
136 FLEET MANAGER														
	93,070	1.00	94,766	1.00	96,476	1.00	75,846	96,444	102,709	1.00	102,709	1.00		
155 MECHANIC LEAD														
	44,899	1.00	66,106	1.00	72,651	1.00	63,434	70,463	75,783	1.00	75,783	1.00		
163 MECHANIC 2														
	98,144	2.00	119,005	2.00	129,757	2.00	100,953	129,484	134,001	2.00	134,001	2.00		
188 INVENTORY CONTROL TECHNICIAN														
									63,401	1.00	63,401	1.00		
195 MECHANIC 1														
	98,131	2.00	103,897	2.00	102,263	2.00	76,638	99,614	107,372	2.00	107,372	2.00		
275 TEMPORARY EMPLOYEES														
	8,230													
299 PAYROLL TAXES AND FRINGES														
	201,077		249,164		259,511		196,936	251,534	330,665		341,169			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	543,551	6.00	632,938	6.00	660,658	6.00	513,807	647,539	813,931	7.00	824,435	7.00		
CLASS: 10 MATERIALS & SERVICES														
304 DEPARTMENT EQUIPMENT EXPENSE														
	15,955		12,739		13,000		9,762	13,000	13,000		13,000			
305 SPECIAL DEPARTMENT SUPPLIES														
	3,453		15,902		19,000		18,214	19,000	20,000		20,000			
306 NON-FLEET EQUIPMENT														
	1,677		2,552		3,000		1,156	2,000	2,500		2,500			
307 MEMBERSHIP FEES														
	300		120		920		424	420	920		920			
308 PERIODICALS & SUBSCRIPTIONS														
					200			200	200		200			
317 COMPUTER EQUIPMENT														

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 602 GARAGE FUND

DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
			1,001		660		661	661						
318 COMPUTER SOFTWARE														
	42,019		551											
321 TRAVEL,TRAINING & SUBSISTENCE														
	5,549		7,469		13,500		6,247	7,500	14,600		14,600			
331 VEHICLE EXPENSE														
	167,053		159,009		175,000		120,251	175,000	185,500		185,500			
332 VEHICLE FUEL														
	322,234		338,166		390,000		390,030	395,000	425,000		425,000			
361 UNIFORMS & SPECIAL CLOTHING														
			80						3,700		3,700			
371 EQUIPMENT OPER & MAINT EXPENSE														
	82,768		89,812		95,000		73,807	95,000	102,600		102,600			
481 OTHER EXPENSES														
			306		695		87	300	300		300			
511 PROFESSIONAL SERVICES														
	83,771		117,234		145,000		107,102	140,000	145,000		145,000			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	724,779		744,941		855,975		727,741	848,081	913,320		913,320			
CLASS: 25 TRANSFERS														
804 TRSFR - OPERATIONS ADMIN														
	59,157		78,409		86,072		71,727	87,591	106,201		106,201			
805 TRSFR TO G/F BLDG MAINT														
	3,848		3,616		4,454		3,712	4,454	4,335		4,335			
818 TRSFRS TO ISD-ALLOCATED														
	40,073		38,166		48,360		40,300	48,360	54,014		54,014			
819 TRSFRS TO INSURANCE FUND														

0892

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 602 GARAGE FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	31,437		40,868		46,998		39,165	46,998	46,998		46,998			
TOTAL CLASS: 25 TRANSFERS														
	134,515		161,059		185,884		154,904	187,403	211,548		211,548			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
991 CONTINGENCY - UNRESERVED														
					54,172				45,701		40,197			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					54,172				45,701		40,197			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	1,402,845	6.00	1,538,938	6.00	1,756,689	6.00	1,396,452	1,683,023	1,984,500	7.00	1,989,500	7.00		

0893

GARAGE FUND
FY 2017-18 ADOPTED

Code	Position Title	Actual FY 16-17	Adopted FY 17-18	New	Transfer	Reclass	Deleted	Ending FY 17-18
136	FLEET MANAGER	1.00	1.00					1.00
155	MECHANIC LEAD	1.00	1.00					1.00
163	MECHANIC 2	2.00	2.00					2.00
188	INVENTORY CONTROL TECHNICIAN	0.00	0.00					0.00
195	MECHANIC 1	2.00	2.00					2.00
	Total	**6.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6.00**

FY 2018-19 PROPOSED

Code	Position Title	Ending FY 17-18	New	Transfer	Reclass	Deleted	Proposed FY 18-19
136	FLEET MANAGER	1.00					1.00
155	MECHANIC LEAD	1.00					1.00
163	MECHANIC 2	2.00					2.00
188	INVENTORY CONTROL TECHNICIAN	0.00		1.00 [a]			1.00
195	MECHANIC 1	2.00					2.00
	Total	**6.00**	**0.00**	**1.00**	**0.00**	**0.00**	**7.00**

[a] FY 18-19 reallocates the Inventory Control Technician position from being split between General Fund, Street Fund, Water Fund, Sewer Fund, and the Storm Drain Fund to 100% in the Garage Fund.

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	68,865		98,174		103,315		103,315	93,578		98,578			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	68,865		98,174		103,315		103,315	93,578		98,578			
CLASS: 35 MISCELLANEOUS REVENUES													
382 SALE OF CITY PROPERTY													
	7,843		6,490				20,000						
384 INVESTMENT INTEREST EARNINGS													
	1,009		1,630		1,400		1,400	3,500		3,500			
389 MISCELLANEOUS REVENUES													
	125						2,700						
756 PERS RSRV DISTRIB-NON GAAP REV													
	10,301												
757 MED/LIFE INS PREM REFUND DISTRIBUTION													
	3,199		2,833				2,212						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	22,477		10,953		1,400		26,312	3,500		3,500			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
411 TRSFRS FROM GENERAL FUND													
	832,781		873,605		973,660		973,660	1,074,271		1,074,271			
412 TRSFRS FROM STREET FUND													
	156,703		221,220		205,062		205,062	270,985		270,985			
419 TRSFRS FROM WATER FUND													
	88,755		99,563		118,135		118,135	121,969		121,969			
421 TRSFRS FROM SEWER FUND													
	114,794		117,391		148,633		148,633	143,297		143,297			
428 TRSFR FR BUILDING OPERATING FD													
	40,029		43,062		49,673		49,673	52,952		52,952			
430 TRANSFER FROM LIBRARY FUND													
	4,817		5,751		5,635		5,635	12,752		12,752			
440 TRSFRS FR STREET LIGHTING FUND													
	7,064		19,585		23,630		23,630	24,292		24,292			
441 TRSFRS FR STORM DRAIN FUND													
	164,736		152,946		127,546		127,546	186,904		186,904			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
	1,409,679		1,533,123		1,651,974		1,651,974	1,887,422		1,887,422			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	1,501,021		1,642,250		1,756,689		1,781,601	1,984,500		1,989,500			
TOTAL DEPARTMENT: 03 REVENUE													
	1,501,021		1,642,250		1,756,689		1,781,601	1,984,500		1,989,500			

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION JUSTIFICATIONS
301	BEGINNING WORKING CAPITAL BEGINNING WORKING CAPITAL
382	SALE OF CITY PROPERTY PROCEEDS FROM SALE OF SURPLUS PROPERTY
384	INVESTMENT INTEREST EARNINGS INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES: FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50% FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55% FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10% FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%
389	MISCELLANEOUS REVENUES
756	PERS RSRV DISTRIB-NON GAAP REV RETIREMENT RESERVE $1 MILLION DISTRIBUTION TO OPERATING FUNDS
757	MED/LIFE INS PREM REFUND DISTRIBUTION MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTIBUTION TO OPERATING FUNDS
411	TRSFRS FROM GENERAL FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
412	TRSFRS FROM STREET FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
419	TRSFRS FROM WATER FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
421	TRSFRS FROM SEWER FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
428	TRSFR FR BUILDING OPERATING FD CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
430	TRANSFER FROM LIBRARY FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
440	TRSFRS FR STREET LIGHTING FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)
441	TRSFRS FR STORM DRAIN FUND CHARGES FOR FLEET SERVICES (FUEL & REPAIRS)

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
136 FLEET MANAGER													
	93,070	1.00	94,766	1.00	96,476	1.00	96,444	102,709	1.00	102,709	1.00		
155 MECHANIC LEAD													
	44,899	1.00	66,106	1.00	72,651	1.00	70,463	75,783	1.00	75,783	1.00		
163 MECHANIC 2													
	98,144	2.00	119,005	2.00	129,757	2.00	129,484	134,001	2.00	134,001	2.00		
188 INVENTORY CONTROL TECHNICIAN													
								63,401	1.00	63,401	1.00		
195 MECHANIC 1													
	98,131	2.00	103,897	2.00	102,263	2.00	99,614	107,372	2.00	107,372	2.00		
275 TEMPORARY EMPLOYEES													
	8,230												
299 PAYROLL TAXES AND FRINGES													
	201,077		249,164		259,511		251,534	330,665		341,169			
TOTAL CLASS: 05 PERSONNEL SERVICES													
	543,551	6.00	632,938	6.00	660,658	6.00	647,539	813,931	7.00	824,435	7.00		
CLASS: 10 MATERIALS & SERVICES													
304 DEPARTMENT EQUIPMENT EXPENSE													
	15,955		12,739		13,000		13,000	13,000		13,000			
305 SPECIAL DEPARTMENT SUPPLIES													
	3,453		15,902		19,000		19,000	20,000		20,000			
306 NON-FLEET EQUIPMENT													
	1,677		2,552		3,000		2,000	2,500		2,500			
307 MEMBERSHIP FEES													
	300		120		920		420	920		920			
308 PERIODICALS & SUBSCRIPTIONS													
					200		200	200		200			
317 COMPUTER EQUIPMENT													
			1,001		660		661						

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

136 FLEET MANAGER

155 MECHANIC LEAD

163 MECHANIC 2

FY 16-17 REFLECTS INCREASE DUE TO POSITION BEING FILLED AT A HIGHER STEP THAN WAS INCLUDED IN THE ADOPTED BUDGET.

188 INVENTORY CONTROL TECHNICIAN

FY 2018-19 REFLECTS REDISTRIBUTION OF 1 FTE INVENTORY CONTROL TECH POSITION FROM 25% IN 001-85 / 25% IN 101-85 / 25% IN 501-85 / 10% IN 502-85 / 15% IN 513-85 TO 100% IN THE GARAGE FUND.

195 MECHANIC 1

275 TEMPORARY EMPLOYEES

299 PAYROLL TAXES AND FRINGES

PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING:
37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET)
24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES

304 DEPARTMENT EQUIPMENT EXPENSE

NEW MODEL YEAR SPECIALTY TOOLS $3,000
MISCELLANEOUS HAND TOOLS AND BROKEN TOOL REPLACEMENT $3,500
ONLINE REPAIR MANUALS SUBSCRIPTION $1,500
SCAN TOOL LICENSE FEES $5,000

305 SPECIAL DEPARTMENT SUPPLIES

MISC. SHOP SUPPLIES; FLOOR SOAP, DEGREASER, ABSORBENT PADS, FASTENERS, ELECTRICAL SUPPLIES LATEX GLOVES, WELDING SUPPLIES, SPRAY PAINT,
SMALL INCIDENTALS FOR FLEET REPAIR AND MAINT
CHARGED TO WORK ORDERS

306 NON-FLEET EQUIPMENT

PARTS, REPAIRS AND MODIFICATION TO NON-FLEET EQUIPMENT.
FUNDING FOR THIS ACCOUNT IS INCLUDED IN THE CHARGES TO OTHER FUNDS

307 MEMBERSHIP FEES

COLUMBIA-WILLAMETTE CLEAN CITIES COALITION $300
NAFA FLEET MANAGEMENT ASSOCIATION MEMBERSHIP $500
PACIFIC FLEET MANAGERS ASSOCIATION $120

308 PERIODICALS & SUBSCRIPTIONS

MOTORS MAGAZINE RENEWAL $200

317 COMPUTER EQUIPMENT

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
318	COMPUTER SOFTWARE												
	42,019		551										
321	TRAVEL,TRAINING & SUBSISTENCE												
	5,549		7,469		13,500		7,500	14,600		14,600			
331	VEHICLE EXPENSE												
	167,053		159,009		175,000		175,000	185,500		185,500			
332	VEHICLE FUEL												
	322,234		338,166		390,000		395,000	425,000		425,000			
361	UNIFORMS & SPECIAL CLOTHING												
			80					3,700		3,700			
371	EQUIPMENT OPER & MAINT EXPENSE												
	82,768		89,812		95,000		95,000	102,600		102,600			
481	OTHER EXPENSES												
			306		695		300	300		300			
511	PROFESSIONAL SERVICES												
	83,771		117,234		145,000		140,000	145,000		145,000			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	724,779		744,941		855,975		848,081	913,320		913,320			
CLASS: 25 TRANSFERS													
804	TRSFR - OPERATIONS ADMIN												
	59,157		78,409		86,072		87,591	106,201		106,201			
805	TRSFR TO G/F BLDG MAINT												
	3,848		3,616		4,454		4,454	4,335		4,335			
818	TRSFRS TO ISD-ALLOCATED												
	40,073		38,166		48,360		48,360	54,014		54,014			
819	TRSFRS TO INSURANCE FUND												
	31,437		40,868		46,998		46,998	46,998		46,998			
TOTAL CLASS: 25 TRANSFERS													
	134,515		161,059		185,884		187,403	211,548		211,548			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
991	CONTINGENCY - UNRESERVED												
					54,172			45,701		40,197			

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

318 COMPUTER SOFTWARE
NO APPROPRIATION REQUESTED

321 TRAVEL,TRAINING & SUBSISTENCE
TRAVEL AND SUBSISTENCE TO SUPPORT TRAINING
DRIVABILTY AND EMISSION DIAGNOSTICS TRAINING (DEQ MANDATE)
TRAINING TO KEEP UP WITH CHANGING AUTOMOTIVE/EQUIPMENT TECHNOLOGY $5,600
RTA USERS TRAINING $5,000 TYMCO SWEEPER TRAINING- WACO ,TEXAS $2,000
GOV FLEET EXPO $2,000

331 VEHICLE EXPENSE
PARTS AND REPAIRS FOR CITY VEHICLES; PREPARE NEW VEHICLES FOR SERVICE; $175,000
ADD 3% FOR ADDITIONAL VEHICLES PURCHASED AND AGING $5,250
ADD 3% FOR INFLATION $5,250

332 VEHICLE FUEL
FUEL FOR ALL CITY VEHICLES AND EQUIPMENT.
REFLECTS OREGON FUEL TAX INCREASE .04 CENTS
USAGE UP 5000 GALLONS OVER 2016 CAL YR

361 UNIFORMS & SPECIAL CLOTHING
RAIN GEAR AND SAFETY GEAR $700
UNIFORMS FOR STAFF - SHOP RAGS AND POLISHING TOWELS $3,000

371 EQUIPMENT OPER & MAINT EXPENSE
PARTS AND REPAIRS FOR CITY EQUIPMENT & PREPARE NEW EQUIPMENT FOR SERVICE $95,000
ADD 5% FOR ADDITIONAL EQUIPMENT PURCHASED AND AGING $4,750
ADD 3% FOR INFLATION $2,850

481 OTHER EXPENSES
CDL, MOTORCYCLE LICENSE RENEWALS. UPGRADES TO CDL 'A"
NEW EMPLOYEE CDL $300

511 PROFESSIONAL SERVICES
OUTSIDE REPAIRS AND MAINTENANCE SERVICE ON THE CITY'S FLEET
PAINT MISC FLEET VEHICLES AND EQUIPMENT
ANNUAL AERIAL, DIELECTRIC AND CRANE INSPECTIONS
CARRYOVER PROPANE FUEL PILOT PROGRAM
INCREASE DUE TO WORKLOAD FOR REPAIRS AND MAINTIANENCE-LACK OF ADDITIONAL STAFF

804 TRSFR - OPERATIONS ADMIN
ALLOCATION OF SERVICES PROVIDED BY THE PUBLIC WORKS ADMINISTRATION FUND

805 TRSFR TO G/F BLDG MAINT
ALLOCATION OF BUILDING MAINTENANCE SERVICES PROVIDED BY THE GENERAL FUND

818 TRSFRS TO ISD-ALLOCATED
ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND $46,014
SOFTWARE MAINTENANCE COSTS - RTA FLEET SOFTWARE SYSTEM $8,000

819 TRSFRS TO INSURANCE FUND
ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE.

991 CONTINGENCY - UNRESERVED

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					54,172			45,701		40,197			
TOTAL PROGRAM: 0762 FLEET MAINTENANCE													
	1,402,845	6.00	1,538,938	6.00	1,756,689	6.00	1,683,023	1,984,500	7.00	1,989,500	7.00		
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS													
	1,402,845	6.00	1,538,938	6.00	1,756,689	6.00	1,683,023	1,984,500	7.00	1,989,500	7.00		
TOTAL FUND: 602 GARAGE FUND													
	1,402,845	6.00	1,538,938	6.00	1,756,689	6.00	1,683,023	1,984,500	7.00	1,989,500	7.00		

City of Beaverton - Finance
Budget Preparation - 2019

BP WORKSHEET & JUSTIFICATION

FUND: 602 GARAGE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0762 FLEET MAINTENANCE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

0902

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
602-85	PUBLIC WORKS - OPERATIONS											
602-85-0762-05-136	FLEET MANAGER	1.00	2,079			96,444				96,444	60,587	157,031
602-85-0762-05-155	MECHANIC LEAD	1.00	2,044	36		68,891	1,286		286	70,463	30,597	101,060
602-85-0762-05-163	MECHANIC 2	2.00	4,201	89		125,288	3,776		420	129,484	88,567	218,051
602-85-0762-05-195	MECHANIC 1	2.00	4,008	46		97,469	1,655		490	99,614	71,783	171,397
	FLEET MAINTENANCE	6.00	12,332	171		388,092	6,717		1,196	396,005	251,534	647,539
	**** DEPARTMENT TOTAL ****	6.00	12,332	171		388,092	6,717		1,196	396,005	251,534	647,539

0903

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

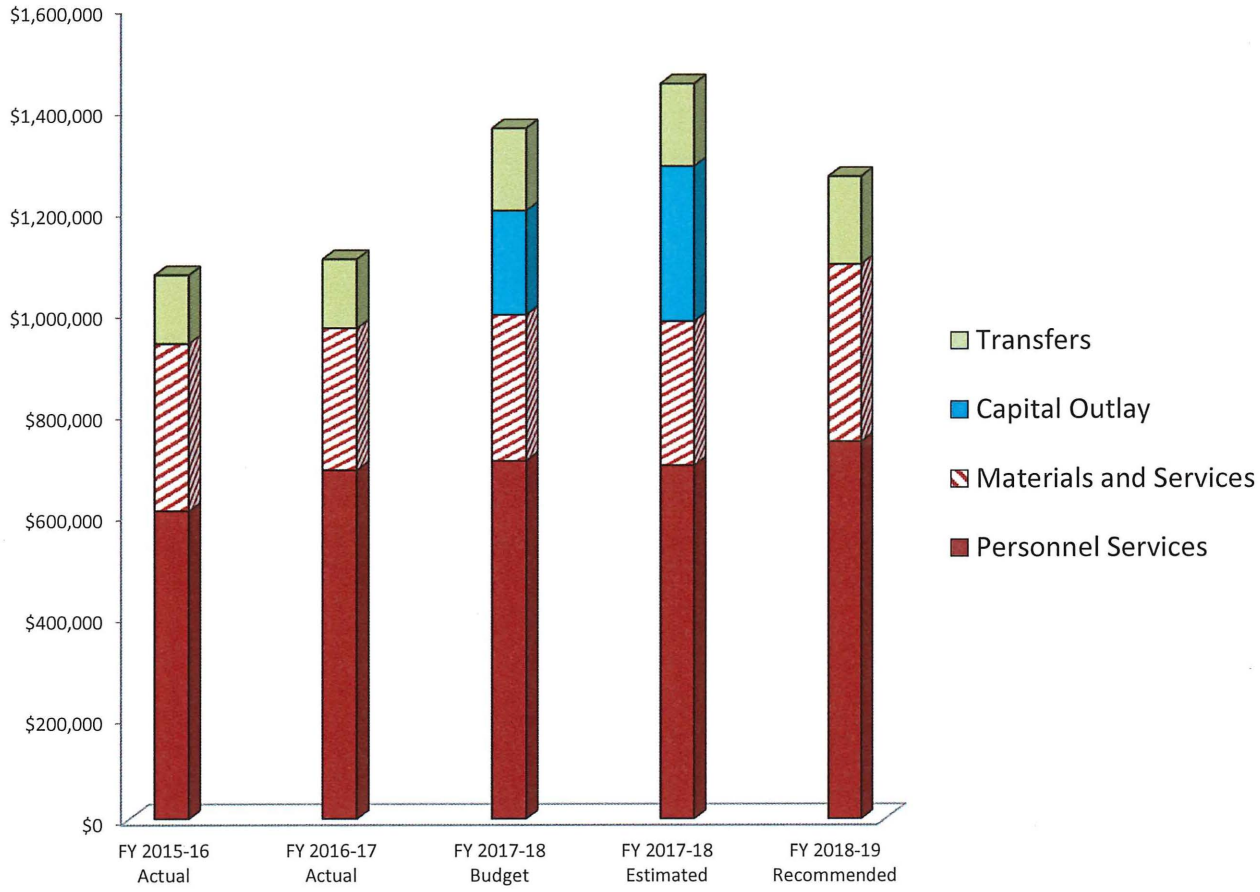
Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
602-85	PUBLIC WORKS - OPERATIONS											
602-85-0762-05-136	FLEET MANAGER	1.00	2,160			102,709				102,709	68,256	170,965
602-85-0762-05-155	MECHANIC LEAD	1.00	2,096	40		73,264	2,097		422	75,783	35,911	111,694
602-85-0762-05-163	MECHANIC 2	2.00	4,192	80		129,748	3,713		540	134,001	100,241	234,242
602-85-0762-05-188	INVENTORY CONTROL TECHNICIAN	1.00	2,096	40		61,380	1,757		264	63,401	44,777	108,178
602-85-0762-05-195	MECHANIC 1	2.00	4,192	80		104,001	2,922		449	107,372	91,984	199,356
	FLEET MAINTENANCE	7.00	14,736	240		471,102	10,489		1,675	483,266	341,169	824,435
	**** DEPARTMENT TOTAL ****	7.00	14,736	240		471,102	10,489		1,675	483,266	341,169	824,435

0904

PUBLIC WORKS ADMINISTRATION FUND

RECOMMENDED FY 18-19



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Public Works Administration Fund - Summary**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$611,314	$691,505	$709,431	$700,181	$747,203	5.32%
Materials and Services	328,471	278,145	286,292	282,756	347,471	21.37%
Capital Outlay	-	-	204,150	304,150	-	-100.00%
Transfers	134,407	135,443	161,695	161,695	172,155	6.47%
SUB-TOTAL	$1,074,192	$1,105,093	$1,361,568	$1,448,782	$1,266,829	
Contingency			34,957		36,756	
TOTAL	$1,074,192	$1,105,093	$1,396,525	$1,448,782	$1,303,585	
FTE's	7.00	6.00	6.00		6.00	

Explanation of item(s) that are significant (10% and greater than $10,000):

Personnel services:
The Recommended Budget includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
FY 2018-19 reflects an increase in building maintenance projects (new office in building D & parking lot repair) for $28K and installation of a new fence for 160th site $60K

Capital Outlay:
FY 2018-19 reflects no appropriations for capital improvements after the completion of an upgrade to the heavy duty vehicle hoist in the garage that is not recurring in FY 2017-18.

Transfers:
No significant change

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
605 PUBLIC WORKS ADMINISTRATION	PUBLIC WORKS
	DEPARTMENT HEAD: DAVID DONALDSON

MISSION STATEMENT:

To maintain and ensure the long term integrity of the city's infrastructure in an integrated fashion that supports department program goals, and City Council Goals. Continue to foster effective partnerships with other departments, other local jurisdictions and community groups to deliver high quality services that are responsive to customer needs. .

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION	7.00	6.00	6.00	6.00	0.00
PERSONNEL SERVICES	$611,314	$691,505	$709,431	$747,203	$0
MATERIALS & SERVICES	328,471	278,145	286,292	347,471	0
CAPITAL OUTLAY	0	0	204,150	0	0
TRANSFERS	134,407	135,443	161,695	172,155	0
CONTINGENCY	0	0	34,957	36,756	0
TOTAL	**$1,074,192**	**$1,105,093**	**$1,396,525**	**$1,303,585**	**$0**

Funding Sources	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$242,973	$90,900	$135,986	$86,954	$0
Miscellaneous Revenue	18,809	7,597	104,383	2,900	0
Public Works Management:					
General Fund	129,171	168,720	184,263	166,888	0
Street Fund	217,238	251,953	255,059	248,360	0
Water Fund	105,990	197,088	233,111	288,261	0
Sewer Fund	154,762	163,634	117,488	131,538	0
Garage Fund	59,157	78,409	86,072	106,201	0
Street Lighting Fund	22,677	30,057	32,994	34,895	0
Storm Drain Fund	214,314	252,722	247,169	237,588	0

Program Goal:
To deliver high quality services that preserves and enhances the value of the city's facilities and infrastructure. Maintain an exceptional and efficient standard of service delivery that is fully responsive to a request or a need for service. .

Program Objective:
Administer the staff in the city's Operations and Engineering Divisions by providing direction and support. Ensure that the staff is properly trained and equipped to complete assigned duties as required.

FUND: 605 PUBLIC WORKS ADMINISTRATION	**DEPARTMENT:** PUBLIC WORKS
PROGRAM: 0681 MANAGEMENT SERVICES	**PROGRAM MANAGER:** TERI CUNNINGHAM

Program Objective (continued):
Coordinate the efforts of the Operations and Engineering Divisions in completing annual work plans including support of city redevelopment efforts. Provide timely and accurate information about work activities to interested partners including neighborhoods, businesses and community groups. Continue to develop partnerships with community organizations and other local jurisdictions to cooperatively address city and regional needs.

Provide excellent customer service by returning contact within one day and acting on a service request as quickly as possible. Complete requests for limited service within one day. A major aspect of management services is to accomplish the city's goals and objectives that pertain to Public Works. Public Works play critical roles in achieving these City Council priorities:

- City Council Priority – Create a sidewalk fund for sidewalk construction projects
- City Council Priority – Incorporate goals and objectives of the Active Transportation Plan into the City's Capital Improvement Plan, Transportation System Plan, Development Code, and Engineering Design Manual
- City Council Priority – Complete City's non-potable water irrigation (purple pipe) system

Additionally, the department will continue its efforts in withdrawing areas from TVWD into the City of Beaverton's water system.

Progress on FY 2017-18 Action Plan:
The department has focused on fostering better communication between the Operations and Engineering divisions and with the Community Development Department.

FY 2018-19 Action Plan:
The effort to work closely within the department and with other city departments will continue. Our asset management software has been integrated to better document and track customer service requests. Furthermore, the department is making progress on achieving American Public Works Association (APWA) Accreditation. The purpose of the accreditation is to provide a means of formally verifying and recognizing public works agencies for compliance with the recommended practices set forth by the APWA. The accreditation process will assist our department in memorializing many of the standards and procedures that the department has in place, while identifying areas where we can improve and create new best practices.

Performance Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted/Revised**	**FY 2018-19 Proposed**
Percentage of labor hours captured on work orders.	98%	95%	98% / 95%	95%
Employee time loss hours due to work-related injuries.	1.85%	0.7%	0.5% / 0.5%	0.5%
Number of unanticipated requests for service via email and phone calls.	3,700	5,900	4,500 / 5,200	5,000

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 605 PUBLIC WORKS ADMIN FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-242,973		-90,900		-135,986		-135,986	-135,986	-86,267		-86,954			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-242,973		-90,900		-135,986		-135,986	-135,986	-86,267		-86,954			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-1,818		-1,368		-1,800		-1,299	-1,800	-2,900		-2,900			
389 MISCELLANEOUS REVENUES														
	-6,555		-6,079				-2,002	-1,509						
399 REIMBURSEMENTS - OTHER														
			-150		-102,583			-102,583						
756 PERS RSRV DISTRIB-NON GAAP REV														
	-10,436													
757 MED/LIFE INS PREM REFUND DISTRIBUTION														
							-551	-551						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-18,809		-7,597		-104,383		-3,852	-106,443	-2,900		-2,900			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
411 TRSFRS FROM GENERAL FUND														
	-129,171		-168,720		-184,263		-153,553	-184,263	-166,888		-166,888			
412 TRSFRS FROM STREET FUND														
	-217,238		-251,953		-255,059		-212,549	-259,560	-248,360		-248,360			
419 TRSFRS FROM WATER FUND														
	-105,990		-197,088		-233,111		-194,259	-273,225	-288,261		-288,261			
421 TRSFRS FROM SEWER FUND														
	-154,762		-163,634		-117,488		-97,907	-155,561	-131,538		-131,538			
425 TRSFRS FROM GARAGE FUND														

6060

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 605 PUBLIC WORKS ADMIN FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	-59,157		-78,409		-86,072		-71,727	-87,591	-106,201		-106,201			
440 TRSFRS FR STREET LIGHTING FUND														
	-22,677		-30,057		-32,994		-27,495	-33,576	-34,895		-34,895			
441 TRSFRS FR STORM DRAIN FUND														
	-214,314		-252,722		-247,169		-205,974	-299,531	-237,588		-237,588			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-903,309		-1,142,583		-1,156,156		-963,464	-1,293,307	-1,213,731		-1,213,731			
TOTAL DEPARTMENT: 03 REVENUE														
	-1,165,091		-1,241,080		-1,396,525		-1,103,302	-1,535,736	-1,302,898		-1,303,585			

0160

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 605 PUBLIC WORKS ADMIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
061 PUBLIC WORKS DIRECTOR														
	141,678	1.00	151,411	1.00	154,231	1.00	121,612	154,236	158,087	1.00	158,087	1.00		
076 OFFICE SUPERVISOR														
	66,769	1.00	66,833	1.00	69,534	1.00	54,566	68,571	72,094	1.00	72,094	1.00		
085 PROJECT MANAGER 1														
	86,414	1.00	85,543	1.00	89,673	1.00	65,466	85,812	91,907	1.00	91,907	1.00		
095 MANANGEMENT ANALYST														
	11,682	1.00	68,761	1.00	74,555	1.00	58,066	74,569	79,270	1.00	79,270	1.00		
215 UTILITY WORKER														
	43,778	1.00												
221 SUPPORT SPECIALIST 2														
	37,217	1.00	48,474	1.00	52,531	1.00	40,605	51,896	55,881	1.00	55,881	1.00		
239 SUPPORT SPECIALIST 1														
	31,805	1.00	34,087	1.00	36,875	1.00	28,772	36,650	37,470	1.00	37,470	1.00		
299 PAYROLL TAXES AND FRINGES														
	191,971		236,396		232,032		183,169	228,447	241,603		252,494			
TOTAL CLASS: 05 PERSONNEL SERVICES														
	611,314	7.00	691,505	6.00	709,431	6.00	552,256	700,181	736,312	6.00	747,203	6.00		
CLASS: 10 MATERIALS & SERVICES														
301 OFFICE EXPENSE														
	2,720		3,332		4,000		3,538	4,500	5,000		5,000			
304 DEPARTMENT EQUIPMENT EXPENSE														
			4,693											
305 SPECIAL DEPARTMENT SUPPLIES														
	1,490		2,020		2,000		1,872	2,500	2,500		2,500			
307 MEMBERSHIP FEES														
	965		1,897		2,000		665	2,000	2,000		2,000			
308 PERIODICALS & SUBSCRIPTIONS														

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 605 PUBLIC WORKS ADMIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	36		66		100			100	100		100			
317 COMPUTER EQUIPMENT														
	3,995				800		805	805						
318 COMPUTER SOFTWARE														
					28,000		28,000	28,000						
321 TRAVEL,TRAINING & SUBSISTENCE														
	7,487		6,754		6,000		591	2,000	5,000		5,000			
328 MEALS & RELATED EXPENSE														
	65		504		4,010		1,217	1,000	2,000		2,000			
330 MILEAGE REIMBURSEMENT														
			660		1,800		781	900	1,800		1,800			
341 COMMUNICATIONS EXPENSE														
	46,163		46,127		68,264		50,205	68,264	70,500		70,750			
342 DATA COMMUNICATION EXPENSE														
			23,062		21,120		16,235	21,120	21,120		21,120			
351 UTILITIES EXPENSE														
	60,548		64,264		60,000		51,398	60,000	60,000		60,000			
361 UNIFORMS & SPECIAL CLOTHING														
	18,796		19,960		15,000		16,600	17,600	18,000		18,000			
381 BUILDING EXPENSE														
	10,938		10,668		9,000		8,026	9,000	8,500		8,500			
384 BUILDING MAINTENANCE PROJECTS														
	129,949		34,683		10,000		9,793	10,000	38,000		38,000			
461 SPECIAL EXPENSE														
	261		135		150		285	890	195		195			
481 OTHER EXPENSES														
	4,309		6,116		5,140		3,068	5,140	4,296		4,296			
511 PROFESSIONAL SERVICES														
	33,886		46,886		41,300		40,964	41,300	101,000		101,000			
536 MAINTENANCE CONTRACTS														
	3,261		2,416		3,500		3,167	3,500	3,500		3,500			

0912

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 605 PUBLIC WORKS ADMIN FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
551 RENTS AND LEASES														
	3,602		3,902		4,108		4,137	4,137	3,710		3,710			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	328,471		278,145		286,292		241,347	282,756	347,221		347,471			
CLASS: 15 CAPITAL OUTLAY														
681 IMPROVEMENTS														
					204,150		293,440	304,150						
TOTAL CLASS: 15 CAPITAL OUTLAY														
					204,150		293,440	304,150						
CLASS: 25 TRANSFERS														
803 TRSFR TO GENERAL FD-LANDSCAPE														
	63,613		69,355		80,215		66,846	80,215	83,669		83,669			
816 TRSFRS TO REPROGRAPHICS FUND														
	23,017		22,358		24,219		17,160	24,219	25,506		25,506			
818 TRSFRS TO ISD-ALLOCATED														
	47,777		43,730		57,261		47,718	57,261	62,980		62,980			
TOTAL CLASS: 25 TRANSFERS														
	134,407		135,443		161,695		131,724	161,695	172,155		172,155			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
991 CONTINGENCY - UNRESERVED														
					34,957				47,210		36,756			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					34,957				47,210		36,756			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	1,074,192	7.00	1,105,093	6.00	1,396,525	6.00	1,218,767	1,448,782	1,302,898	6.00	1,303,585	6.00		

0913

PUBLIC WORKS ADMINISTRATION FUND
FY 2017-18 ADOPTED

Code	Position Title	Actual FY 16-17	Adopted FY 17-18	New	Transfer	Reclass	Deleted	Ending FY 17-18
61	PUBLIC WORKS DIRECTOR	1.00	1.00					1.00
76	OFFICE SUPERVISOR	1.00	1.00					1.00
85	PROJECT MANAGER 1	1.00	1.00					1.00
95	MANANGEMENT ANALYST	1.00	1.00					1.00
221	SUPPORT SPECIALIST 2	1.00	1.00					1.00
239	SUPPORT SPECIALIST 1	1.00	1.00					1.00
	Total	**6.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6.00**

FY 2018-19 PROPOSED

Code	Position Title	Ending FY 17-18	New	Transfer	Reclass	Deleted	Proposed FY 18-19
61	PUBLIC WORKS DIRECTOR	1.00					1.00
76	OFFICE SUPERVISOR	1.00					1.00
85	PROJECT MANAGER 1	1.00					1.00
95	MANANGEMENT ANALYST	1.00					1.00
221	SUPPORT SPECIALIST 2	1.00					1.00
239	SUPPORT SPECIALIST 1	1.00					1.00
	Total	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**6.00**

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	242,973		90,900		135,986		135,986	86,267		86,954			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	242,973		90,900		135,986		135,986	86,267		86,954			
CLASS: 35 MISCELLANEOUS REVENUES													
384 INVESTMENT INTEREST EARNINGS													
	1,818		1,368		1,800		1,800	2,900		2,900			
389 MISCELLANEOUS REVENUES													
	6,555		6,079				1,509						
399 REIMBURSEMENTS - OTHER													
			150		102,583		102,583						
756 PERS RSRV DISTRIB-NON GAAP REV													
	10,436												
757 MED/LIFE INS PREM REFUND DISTRIBUTION													
							551						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	18,809		7,597		104,383		106,443	2,900		2,900			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
411 TRSFRS FROM GENERAL FUND													
	129,171		168,720		184,263		184,263	166,888		166,888			
412 TRSFRS FROM STREET FUND													
	217,238		251,953		255,059		259,560	248,360		248,360			
419 TRSFRS FROM WATER FUND													
	105,990		197,088		233,111		273,225	288,261		288,261			
421 TRSFRS FROM SEWER FUND													
	154,762		163,634		117,488		155,561	131,538		131,538			
425 TRSFRS FROM GARAGE FUND													
	59,157		78,409		86,072		87,591	106,201		106,201			
440 TRSFRS FR STREET LIGHTING FUND													
	22,677		30,057		32,994		33,576	34,895		34,895			
441 TRSFRS FR STORM DRAIN FUND													
	214,314		252,722		247,169		299,531	237,588		237,588			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
	903,309		1,142,583		1,156,156		1,293,307	1,213,731		1,213,731			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	1,165,091		1,241,080		1,396,525		1,535,736	1,302,898		1,303,585			
TOTAL DEPARTMENT: 03 REVENUE													
	1,165,091		1,241,080		1,396,525		1,535,736	1,302,898		1,303,585			

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
301	BEGINNING WORKING CAPITAL
384	INVESTMENT INTEREST EARNINGS INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES: FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50% FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55% FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10% FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%
389	MISCELLANEOUS REVENUES SALE OF RECYCABLE MATERIALS
399	REIMBURSEMENTS - OTHER FY 2017-18 RELFECTS REIMBURSEMENT FROM THE CITY'S INSURANCE CARRIER FOR THE REPLACEMENT OF THE HOIST THAT WAS DAMAGED
756	PERS RSRV DISTRIB-NON GAAP REV RETIREMENT RESERVES $1 MILLION DISTRIBUTION TO OPERATING FUNDS.
757	MED/LIFE INS PREM REFUND DISTRIBUTION MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTIBUTION TO OPERATING FUNDS
411	TRSFRS FROM GENERAL FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES.
412	TRSFRS FROM STREET FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES
419	TRSFRS FROM WATER FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES
421	TRSFRS FROM SEWER FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES
425	TRSFRS FROM GARAGE FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES
440	TRSFRS FR STREET LIGHTING FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES
441	TRSFRS FR STORM DRAIN FUND ALLOCATION OF CHARGES FOR OPERATIONS ADMIN AND FACILITIES SERVICES

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES													
061 PUBLIC WORKS DIRECTOR	141,678	1.00	151,411	1.00	154,231	1.00	154,236	158,087	1.00	158,087	1.00		
076 OFFICE SUPERVISOR	66,769	1.00	66,833	1.00	69,534	1.00	68,571	72,094	1.00	72,094	1.00		
085 PROJECT MANAGER 1	86,414	1.00	85,543	1.00	89,673	1.00	85,812	91,907	1.00	91,907	1.00		
095 MANANGEMENT ANALYST	11,682	1.00	68,761	1.00	74,555	1.00	74,569	79,270	1.00	79,270	1.00		
215 UTILITY WORKER	43,778	1.00											
221 SUPPORT SPECIALIST 2	37,217	1.00	48,474	1.00	52,531	1.00	51,896	55,881	1.00	55,881	1.00		
239 SUPPORT SPECIALIST 1	31,805	1.00	34,087	1.00	36,875	1.00	36,650	37,470	1.00	37,470	1.00		
299 PAYROLL TAXES AND FRINGES	191,971		236,396		232,032		228,447	241,603		252,494			
TOTAL CLASS: 05 PERSONNEL SERVICES	611,314	7.00	691,505	6.00	709,431	6.00	700,181	736,312	6.00	747,203	6.00		
CLASS: 10 MATERIALS & SERVICES													
301 OFFICE EXPENSE	2,720		3,332		4,000		4,500	5,000		5,000			
304 DEPARTMENT EQUIPMENT EXPENSE			4,693										
305 SPECIAL DEPARTMENT SUPPLIES	1,490		2,020		2,000		2,500	2,500		2,500			
307 MEMBERSHIP FEES	965		1,897		2,000		2,000	2,000		2,000			
308 PERIODICALS & SUBSCRIPTIONS	36		66		100		100	100		100			
317 COMPUTER EQUIPMENT	3,995				800		805						
318 COMPUTER SOFTWARE					28,000		28,000						

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
061	PUBLIC WORKS DIRECTOR
076	OFFICE SUPERVISOR
085	PROJECT MANAGER 1
095	MANANGEMENT ANALYST
215	UTILITY WORKER FY 16-17 REFLECTS TRANSFER OF UTILITY WORKER POSITION FROM PUBLIC WORKS ADMIN FUND TO WATER FUND, PROGRAM 0742.
221	SUPPORT SPECIALIST 2
239	SUPPORT SPECIALIST 1
299	PAYROLL TAXES AND FRINGES PAYROLL TAXES AND FRINGE BENEFITS EXPRESSED AS A PERCENTAGE OF SALARY TOTALS 61.45% AS A CITY-WIDE AVERAGE AND CONSISTS OF THE FOLLOWING: 37.07% IN PAYROLL TAXES CONSISTING OF 7.65% FICA, AVERAGE OF 20.74% FOR RETIREMENT CONTRIBUTIONS (25.39% PERS. 16.72% OPSRP GENERAL OR 21.49% OPSRP POLICE), A 2.23% CONTRIBUTION TO THE PERS RESERVE FUND, AND 6.45% IN OTHER TAXES (UNEMPLOYMENT, LONG TERM DISABILITY, WORKERS COMPENSATION, PEHP, AND TRIMET) 24.38% AS THE AVERAGE COST OF MEDICAL, DENTAL, LIFE AND AD&D INSURANCES
301	OFFICE EXPENSE OFFICE SUPPLIES. $5,000
304	DEPARTMENT EQUIPMENT EXPENSE
305	SPECIAL DEPARTMENT SUPPLIES BATTERIES, OPERATIONS DEPARTMENT FIRST AID BLUEPRINT PRESERVATION
307	MEMBERSHIP FEES COOPERATIVE PUBLIC AGENCIES OF WASHINGTON COUNTY MEMBERSHIP (ANNUAL). PROFESSIONAL REGISTRATION RENEWAL APWA MEMBERSHIP FOR DIRECTOR ICMA MEMBERSHIP INCREASE FOR APWA FEE
308	PERIODICALS & SUBSCRIPTIONS VALLEY TIMES $100
317	COMPUTER EQUIPMENT NO APPROPRIATION REQUESTED
318	COMPUTER SOFTWARE

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
321	TRAVEL,TRAINING & SUBSISTENCE												
	7,487		6,754		6,000		2,000	5,000		5,000			
328	MEALS & RELATED EXPENSE												
	65		504		4,010		1,000	2,000		2,000			
330	MILEAGE REIMBURSEMENT												
			660		1,800		900	1,800		1,800			
341	COMMUNICATIONS EXPENSE												
	46,163		46,127		68,264		68,264	70,500		70,750			
342	DATA COMMUNICATION EXPENSE												
			23,062		21,120		21,120	21,120		21,120			
351	UTILITIES EXPENSE												
	60,548		64,264		60,000		60,000	60,000		60,000			
361	UNIFORMS & SPECIAL CLOTHING												
	18,796		19,960		15,000		17,600	18,000		18,000			
381	BUILDING EXPENSE												
	10,938		10,668		9,000		9,000	8,500		8,500			
384	BUILDING MAINTENANCE PROJECTS												
	129,949		34,683		10,000		10,000	38,000		38,000			
461	SPECIAL EXPENSE												
	261		135		150		890	195		195			
481	OTHER EXPENSES												
	4,309		6,116		5,140		5,140	4,296		4,296			
511	PROFESSIONAL SERVICES												
	33,886		46,886		41,300		41,300	101,000		101,000			

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

321 TRAVEL,TRAINING & SUBSISTENCE

ODOT BRIDGE INSPECTION RE-CERTIFICATION (GOOD FOR FIVE YEARS)
ODOT BRIDGE CONSTRUCTION RE-CERTIFICATION
NWPMA
CPAWC
AWWA RE-CERTIFICATION
CWS TRAINING
APWA CONFERENCE
APWA - PW LEADERSHIP
ODOT - HMAC INSPECTION RECERT
EROSION CONTROL & STORMWATER MANAGEMENT SUMMIT
AWWA SHORT SCHOOL (FOR SEWER CERT)
DEPARTMENT HEAD RETREAT
OFFICE SUPERVISOR SAFETY TRAINING
MANAGEMENT ANALYST TRAVEL
PUBLIC WORKS DIRECTOR TRAVEL

328 MEALS & RELATED EXPENSE

MEALS FOR LOCAL CLASSES AND/OR MEETINGS, LABOR MANAGEMENT EMPLOYEE OF THE MONTH
OVERTIME AND CALL OUT MEALS FOR ALL PUBLIC WORKS STAFF IN ALL FUNDS AND PROGRAMS $2,000

330 MILEAGE REIMBURSEMENT

REIMBURSEMENT FOR PERSONAL VEHICLE USE $1,800

341 COMMUNICATIONS EXPENSE

LOCAL EXCHANGE PHONE LINES TO THE OPERATIONS COMPLEX $700 PER MONTH $8,400
CELL PHONES FOR OPS AND ENG STAFF 60 SMART PHONES/63 BASIC CELL PHONES @ $5,175 PER MONTH $62,350

342 DATA COMMUNICATION EXPENSE

WATER FUND: DATA PLAN FOR 12 COMMUNICATION DEVICES ($480 EACH)
STREET FUND: DATA PLAN FOR 7 COMMUNICATION DEVICES
SEWER FUND: DATA PLAN FOR 1 COMMUNICATION DEVICE
STORM DRAIN FUND: DATA PLAN FOR 7 COMMUNICATION DEVICES
PUBLIC WORKS ADMIN FUND: DATA PLAN FOR 17 COMMUNICATION DEVICES $21,120

351 UTILITIES EXPENSE

UTILITY EXPENSES FOR OPERATIONS COMPLEX: ELECTRICITY, NATURAL GAS, WATER AND TRASH SERVICE $60,000

361 UNIFORMS & SPECIAL CLOTHING

BASEBALL CAPS FOR PUBLIC WORKS STAFF
SHIRTS AND JACKETS WITH CITY LOGO
FOR ALL ELIGIBLE PUBLIC WORKS STAFF AS REQUIRED BY THE SEIU CONTRACT

381 BUILDING EXPENSE

PAPER PRODUCTS FOR RESTROOMS
LIGHTBULBS
ELECTRICAL WORK & SUPPLIES
DOOR REPAIRS
OTHER SUPPLIES (PAINT FILTERS, HARDWARE)
UNFORESEEN REPAIRS

384 BUILDING MAINTENANCE PROJECTS

UNFORESEEN PROJECTS
BUILD AN OFFICE IN BUILDING D
PATCH AND REPAIR PARKING LOT

461 SPECIAL EXPENSE

UST PERMIT
DEQ PERMITS/AIR TANK PERMIT

481 OTHER EXPENSES

ORGANIZATIONAL DEVELOPMENT AND TEAMBUILDING FOR PUBLIC WORKS (107.4 FTE @ $40 PER FTE)
HOLIDAY OPEN HOUSE SUPPLIES $4,296

511 PROFESSIONAL SERVICES

JANITORIAL SERVICES FOR OPERATIONS COMPLEX BUILDINGS $41,000
FENCE FOR 160TH SITE $60,000

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
536 MAINTENANCE CONTRACTS													
	3,261		2,416		3,500		3,500	3,500		3,500			
551 RENTS AND LEASES													
	3,602		3,902		4,108		4,137	3,710		3,710			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	328,471		278,145		286,292		282,756	347,221		347,471			
CLASS: 15 CAPITAL OUTLAY													
681 IMPROVEMENTS													
					204,150		304,150						
TOTAL CLASS: 15 CAPITAL OUTLAY													
					204,150		304,150						
CLASS: 25 TRANSFERS													
803 TRSFR TO GENERAL FD-LANDSCAPE													
	63,613		69,355		80,215		80,215	83,669		83,669			
816 TRSFRS TO REPROGRAPHICS FUND													
	23,017		22,358		24,219		24,219	25,506		25,506			
818 TRSFRS TO ISD-ALLOCATED													
	47,777		43,730		57,261		57,261	62,980		62,980			
TOTAL CLASS: 25 TRANSFERS													
	134,407		135,443		161,695		161,695	172,155		172,155			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
991 CONTINGENCY - UNRESERVED													
					34,957			47,210		36,756			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					34,957			47,210		36,756			
TOTAL PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)													
	1,074,192	7.00	1,105,093	6.00	1,396,525	6.00	1,448,782	1,302,898	6.00	1,303,585	6.00		
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS													
	1,074,192	7.00	1,105,093	6.00	1,396,525	6.00	1,448,782	1,302,898	6.00	1,303,585	6.00		
TOTAL FUND: 605 PUBLIC WORKS ADMIN FUND													
	1,074,192	7.00	1,105,093	6.00	1,396,525	6.00	1,448,782	1,302,898	6.00	1,303,585	6.00		

BP WORKSHEET & JUSTIFICATION

FUND: 605 PUBLIC WORKS ADMIN FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0681 MANAGEMENT SERVICES(OPERATION)

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

536 MAINTENANCE CONTRACTS

PEST CONTROL $3,500
ANNUAL FIRE SPRINKLER TESTING
ANNUAL FIRE ALARM TESTING
GENERATOR MAINTENANCE
FIRE ALARM MONITORING
ANTIFREEZE CHARGING

551 RENTS AND LEASES

STORAGE SPACE LEASE AT HARVEST COURT $3,710

681 IMPROVEMENTS

FY 2017-18 RELFECTS REPLACEMENT AND UPGRADE OF THE HEAVY DUTY EQUIPMENT HOIST THAT WAS DAMAGED LAST FISCAL YEAR. THE COST IS PARTLY OFFSET BY INSURANCE PROCEEDS OF $102,583 SHOWN IN REVENUE ACCOUNT 399

803 TRSFR TO GENERAL FD-LANDSCAPE

816 TRSFRS TO REPROGRAPHICS FUND

ALLOCATION OF COPIER, GRAPHICS, PRINTING, MAILING, & POSTAGE CHARGES THROUGH REPROGRAPHICS

818 TRSFRS TO ISD-ALLOCATED

ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND $62,980

991 CONTINGENCY - UNRESERVED

ESTIMATE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:44 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
605-85	PUBLIC WORKS - OPERATIONS											
605-85-0681-05-061	PUBLIC WORKS DIRECTOR	1.00	2,080			154,236				154,236	69,085	223,321
605-85-0681-05-076	OFFICE SUPERVISOR	1.00	2,120	10		68,089	482			68,571	46,550	115,121
605-85-0681-05-085	PROJECT MANAGER 1	1.00	1,991			85,812				85,812	45,128	130,940
605-85-0681-05-095	MANANGEMENT ANALYST	1.00	2,080			74,569				74,569	26,937	101,506
605-85-0681-05-221	SUPPORT SPECIALIST 2	1.00	2,080	13		47,850	446		3,600	51,896	15,704	67,600
605-85-0681-05-239	SUPPORT SPECIALIST 1	1.00	1,681	10		36,326	324			36,650	25,043	61,693
	MANAGEMENT SERVICES	6.00	12,032	33		466,882	1,252		3,600	471,734	228,447	700,181
	**** DEPARTMENT TOTAL ****	6.00	12,032	33		466,882	1,252		3,600	471,734	228,447	700,181

0923

PROPOSE - PAYROLL EXPENSE BY DEPARTMENT

Thursday, April 26, 2018 3:45 PM

ACCOUNT	TITLE	FTE	REG HRS	OT HRS	HIL HRS	REG PAY	OT PAY	HIL PAY	ADD PAY	SALARY	FBAMT	TOT AMT
605-85	PUBLIC WORKS - OPERATIONS											
605-85-0681-05-061	PUBLIC WORKS DIRECTOR	1.00	2,080			158,087				158,087	72,431	230,518
605-85-0681-05-076	OFFICE SUPERVISOR	1.00	2,160	20		71,107	987			72,094	51,578	123,672
605-85-0681-05-085	PROJECT MANAGER 1	1.00	2,080			91,907				91,907	51,152	143,059
605-85-0681-05-095	MANANGEMENT ANALYST	1.00	2,080			79,270				79,270	30,978	110,248
605-85-0681-05-221	SUPPORT SPECIALIST 2	1.00	2,080	20		51,403	718		3,760	55,881	18,408	74,289
605-85-0681-05-239	SUPPORT SPECIALIST 1	1.00	1,663	20		36,806	664			37,470	27,947	65,417
	MANAGEMENT SERVICES	6.00	12,143	60		488,580	2,369		3,760	494,709	252,494	747,203
	**** DEPARTMENT TOTAL ****	6.00	12,143	60		488,580	2,369		3,760	494,709	252,494	747,203

0924

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Capital Projects**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Capital Outlay	$3,856,875	$1,074,883	$5,126,833	$3,148,000	$4,762,000	-7.12%
SUB-TOTAL	$3,856,875	$1,074,883	$5,126,833	$3,148,000	$4,762,000	
Contingency			72,434		94,023	
Reserves			387,049		509,849	
TOTAL	$3,856,875	$1,074,883	$5,586,316	$3,148,000	$5,365,872	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Capital outlay:
FY 2018-19 reflection an increase of $1.4 million for the Westgate/Cedar Hills intersection project offset by a reduction of $1.8 million for the completion of the Crescent Connection multi-use path.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
310 CAPITAL PROJECTS	PUBLIC WORKS - ENGINEERING
PROGRAM:	**DEPARTMENT HEAD:**
TRANSPORTATION & CIVIC PROJECTS	DAVID DONALDSON

MISSION STATEMENT:
The Capital Projects Fund manages the expenditures for improvements to the city's street infrastructure system in support of traffic and congestion management. The City's Capital Improvement Program (CIP) includes projects for a five-year period but forecasts two years of funding for projects. Most projects require multiple years to complete and typically involve design, permitting, right of way acquisition, and construction. The major sources of revenue are transfers from other funds, grants, and intergovernmental payments/reimbursements.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION					
CAPITAL OUTLAY	$3,856,875	$1,074,883	$5,126,833	$4,762,000	$0
TRANSFERS					
CONTINGENCY	0	0	459,483	603,872	0
TOTAL	**$3,856,875**	**$1,074,883**	**$5,586,316**	**$5,365,872**	**$0**

Funding Sources:	**FY 2015-16**	**FY 2016-17**	**FY 2017-18**	**FY 2018-19**	**FY 2018-19**
Beginning Working Capital	$780,069	$798,713	$1,208,233	$1,379,011	$0
Transfers from:					
General Fund	71,841	552,582	649,798	623,621	0
Storm Drain Fund	1,042,040	0	0	0	0
Street Fund	320,771	121,478	895,264	933,240	0
Transportation Dev. Tax / TIF Fund	1,965,957	282,552	2,119,328	2,268,000	0
Grants	0	336,698	0	0	0
Other Intergovernmental Revenue	470,184	146,746	711,463	150,000	0
Miscellaneous Revenue	4,724	44,346	2,230	12,000	0

For a complete narrative of the budget process and major transportation issues, refer to pages 64 - 66.

Progress on the FY 2017-18 Action Plan

- The design of the Menlo Dr. (Allen Blvd to Fairmount Dr.) sidewalk project (CIP 3106A) is expected to be complete, including ROW acquisition.
- The design of the 10-foot wide Crescent Connection Multi-Use Path project (CIP 3407) was completed and construction began in February 2018.
- Construction of the Farmington Rd (Hocken-Murray) Improvement, MSTIP3d project (CIP 3302) is complete.
- Construction of the Canyon Rd Alternative Bike Network project (CIP 3518) along Millikan Way began in April 2017 and was completed in September 2017.
- City staff completed design on the 10-foot wide Denney Rd Multi-Use Path project (CIP 3410) and construction is expected to begin in the summer of 2018 or spring of 2019.
- The design of the Utility Undergrounding in the Vicinity of 1st Ave and Lombard Ave project (CIP 3326) was completed. Construction has been postponed indefinitely.
- The design of the Westgate Dr./Cedar Hills Blvd/Dawson Way Intersection Realignment project (CIP 3321) was completed and the acquisition of right of way began in November 2017.
- The design of the Library Fountain Improvements (CIP 3522) is expected to be 30% complete. Construction has been postponed indefinitely.
- The design of the Canyon Rd (Hocken Ave - Short St) Improvements (CIP 3519A) moved from the project scoping phase to the preliminary design phase. The driveway impact process began in August 2017 and is expected to be complete in April 2018. The design of the Hocken Ave roadway improvements through the railroad crossing (CIP 3408) is coordinated with the design of CIP 3519A.

FUND:	DEPARTMENT:
310 CAPITAL PROJECTS	PUBLIC WORKS - ENGINEERING
PROGRAM:	**DEPARTMENT HEAD:**
TRANSPORTATION & CIVIC PROJECTS	DAVID DONALDSON

- Construction began on ADA Ramp Replacement, Phase 2 (CIP 5106B) in February 2018 and is expected to be complete in May 2018.
- The design of the bridge pile replacement for the Cedar Hills Blvd Bridge (BB005) (CIP 3411) was completed and replacement is scheduled for the summer of 2018 during the in-water summertime work window.
- The Metro Nature in the Neighborhoods grant program assisted with funding for Crescent Connection Multi-Use Path project (CIP 3407).
- The City of Beaverton/ODOT IGA for the Washington Square adaptive Signal System (CIP 3201) is expected to be complete in May 2018 with design starting immediately thereafter.
- A consultant was selected and design for the Western Ave (5th Street – Allen Blvd) Improvement (CIP 3328) began in January 2018.
- Data collection for the Murray Blvd/Allen Blvd Intersection Improvement (CIP 3329) was completed in January 2018. A traffic analysis and a proposed lane configuration are expected to be complete by June 2018.
- The Beaverton Hillsdale Hwy Fiber Connection Improvements (CIP 3412) were completed.

FY 2018-19 Action Plan:

CIP NO.	PROJECT NAME
3106A	Menlo Drive (Allen Blvd to Fairmont Dr.) Sidewalk – Complete construction.
3106B	Placeholder Sidewalk Project – Determine project limits and select design consultant.
3201	Washington Square Adaptive Signal System – Complete design.
3321	Westgate Dr. / Cedar Hills Blvd / Dawson Way Intersection Realignment - Complete right of way acquisition
3328	Western Ave (5th St-Allen Blvd) Improvement – Complete design.
3329	Murray Blvd/Allen Blvd Intersection Improvement - Complete feasibility study, project scoping and planning level cost estimates.
3407	Crescent Connection Shared Use Path – Complete construction.
3408	Hocken Ave (RR-TV Hwy) Widening – Complete design in coordination with CIP 3519A.
3410	Denney Rd Shared Use Path – Begin construction.
3519A	Canyon Rd (Hocken Ave – Short St) Improvements (MTIP) – Complete 60% plans and begin ROW acquisition.
3522	Library Fountain Improvements (CIP 3522) – Complete design and cost estimate.
3411	Pile Replacement at Cedar Hills Blvd Bridge (BB005) – Complete pile replacement.
5106C	ADA Ramp Replacement, Phase 3 – Award contract and begin ADA ramp replacement.
3413	Hall Blvd Fiber Connection - Complete fiber installation.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
310 CAPITAL PROJECTS	PUBLIC WORKS - ENGINEERING
PROGRAM:	**DEPARTMENT HEAD:**
TRANSPORTATION & CIVIC PROJECTS	DAVID DONALDSON

CIP Projects for FY 2018/19 and associated City of Beaverton Council Priorities and Community Vision(s) that they support are as follows:

CIP NO.	PROJECT NAME
3106A	Menlo Drive (Allen Blvd to Fairmont Dr.) Sidewalk – This project responds to Community Vision Action #48 - install safe sidewalks and pedestrian lighting citywide and # - 49 create safe routes to schools. ***
3201	Washington Square Adaptive Signal System - This project responds to Community Vision Action Plan # 47 - Implement solutions to reduce traffic congestion and #52 - Use signals to improve safety.
3321	Westgate Dr./Cedar Hills Blvd/Dawson Way Intersection Realignment - This project responds to Community Vision Action Plan #46 - strategically widen roads, add signals & turn lanes and #48 - install safe sidewalks and pedestrian lighting citywide. ***
3328	Western Ave (5th St-Allen Blvd) Improvement - This project responds to Community Vision Action Plan #48 - install safe sidewalks and pedestrian lighting citywide, #50 - expand paths and trails and connect to major destinations, #51 - install or improve crosswalks citywide, #53 - install bikeways along major commuter routes, #99 improve pedestrian connections in neighborhoods. ***
3329	Murray Blvd/Allen Blvd Intersection Improvement - This project responds to Community Vision Action Plan #46 - strategically widen roads, add signals & turn lanes and #47 - implement solutions to reduce highway road congestion.
3407	Crescent Connection Shared Use Path – This project responds to Community Vision Action Plan #54 - upgrade trails to include lighting & better connectivity and #88 - connect parks and green spaces with trails/bike routes. ***
3408	Hocken Ave (RR-TV Hwy) Widening – This project responds to Community Vision Action Plan #46 - strategically widen roads, add signals & turn lanes, #48 - install safe sidewalks & pedestrian lighting citywide, and #53 install bikeways along major commuter routes. ***
3410	Denney Rd Shared Use Path – This project responds to Community Vision Action Plan #54 - upgrade trails to include lighting & better connectivity and #88 - connect parks and green spaces with trails/bike routes. ***
3519A	Canyon Rd (Hocken Ave – Short St) Improvements (MTIP) – This project responds to Community Vision Action Plan #65 - create pedestrian friendly zone. ***
3411	Pile Replacement at Cedar Hills Blvd Bridge (BB005) - Three timber piles were identified in the last bridge inspection as being in very poor condition and in need of replacement.
5106C	ADA Ramp Replacement, Phase 3 - This project responds to Community Vision Action Plan #48 - install safe sidewalks & pedestrian lighting citywide. ***
3413	Hall Blvd Fiber Connection - This project responds to Community Vision Action Plan # 47 - Implement solutions to reduce traffic congestion and #52 - Use signals to improve safety.

*** Project responds to the Council Priorities of filling sidewalk gaps and incorporating the goals and objectives of the Active Transportation Plan (ATP) into the City's Capital Improvement Plan (CIP).

City of Beaverton
CIP Financial Plan
FY 2017-18 Estimated

CIP #	Proj #	Project Name		Funding Source								
			Anticipated TOTAL Project Cost	General Fund	Street Fund	Other Funds	TLT	TDT	TIF	BURA	Grants, IGA	Funding Total
Transportation Capital Improvement Projects:												-
3106	3106A	Menlo Dr (Allen Blvd to Fairmount Dr) Sidewalk	1,716,000	204,350	100,650							305,000
3189	3189	Annual Traffic Calming Project	40,000		40,000							40,000
3192	3192	Hocken Bridge							9,000			9,000
3223	3223	Traffic Enhancement Projects				1,000						1,000
3302	3302	Farmington Rd (Hocken-Murray), MSTIP 3D	21,400,000								50,000	50,000
3307	3307	Utility Undergrounding										-
3321	3321	Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment	2,100,000					310,000				310,000
3328	3328	Western Ave (5th St-Allen Blvd) Improvement	4,000,000	89,000				75,000		-	100,000	264,000
3329	3329	Murray Blvd/Allen Blvd Intersection Improvement						10,000				10,000
3407	3407	Beaverton Creek Shared-Use Path (Cedar Hills Blvd-Lombard Ave)	2,697,000					1,504,537			486,463	1,991,000
3408	3408	Hocken Ave (RR-TV Hwy) Widening	1,591,000						72,000			72,000
3410	3410	Shared Use Path along Denney Rd (King Blvd-Fanno Creek Trailhead)	710,000	7,500	7,500							15,000
3411	3411	Cedar Hills Blvd Bridge Pile Repair	125,000		-							-
3412	3412	BH Hwy Fiber Connection	53,000		53,000							53,000
3413	3413	Hall Blvd Fiber Connection										-
4118A	4118A	Settler Wy Utility Replacements, Phase 1										-
			TOTALS	300,850	201,150	1,000	-	1,899,537	81,000	-	636,463	3,120,000
		Facility, Civic, Cultural Capital t Projects:										-
3509	3509	Public Safety Center	35,000,000			1,123,105						1,123,105
3518	3518	Canyon Rd Alternative Bike Network	875,000	171,750	171,750							343,500
3519	3519A	Canyon Rd Intersection Improvements (MTIP)	5,035,000	76,500	76,500							153,000
3521	3521	Beaverton Center for the Arts					1,038,371					1,038,371
3522	3522	Library Fountain Improvements		199,000								199,000
			TOTALS	447,250	248,250	1,123,105	1,038,371	-	-	-	-	2,856,976
												-
		BURA Capital Improvement Projects:										-
6502	????	Crescent Street Improvements					100,000			100,000		200,000
	3523	Downtown Wayfinding Phase 2								-		-
6501	5099	Parking Garage Lot 2 at The Round								612,197		612,197
6505	5102	Parking Garage in Old Town								-		-
6503	?	BURA Land Acquisition								552,230		552,230
	?	Creekside Streetscape Improvements								350,000		350,000
			TOTALS	-	-	-	100,000	-	-	1,614,427	-	1,714,427
		Totals =>		**748,100**	**449,400**	**1,124,105**	**1,138,371**	**1,899,537**	**81,000**	**1,614,427**	**636,463**	**7,691,403**

City of Beaverton
CIP Financial Plan
FY 2018-19 Recommended

CIP #	Proj #	Project Name	Anticipated TOTAL Project Cost	Funding Source								
				General Fund	Street Fund	Other Funds	TLT	TDT	TIF	BURA	Grants, IGA	Funding Total
												-
Transportation Capital Improvement Projects:												-
3106	3106A	Menlo Dr (Allen Blvd to Fairmount Dr) Sidewalk	1,716,000	202,621	438,240	687,139						1,328,000
3106	3106B	Placeholder sidewalk Project										-
3189	3189	Annual Traffic Calming Project	40,000		40,000							40,000
3201	3201	Washington Square Adaptive Signal System										-
3223	3223	Traffic Enhancement Projects				100,000						100,000
3307	3307	Utility Undergrounding										-
3321	3321	Westgate Dr/Cedar Hills Blvd/Dawson Wy Intersection Realignment	2,100,000					1,616,000				1,616,000
3328	3328	Western Ave (5th St-Allen Blvd) Improvement	4,000,000	85,000				84,000			150,000	319,000
3329	3329	Murray Blvd/Allen Blvd Intersection Improvement						400,000				400,000
3407	3407	Beaverton Creek Shared-Use Path (Cedar Hills Blvd Lombard Ave)	2,697,000	64,000				64,000				128,000
3408	3408	Hocken Ave (RR-TV Hwy) Widening	1,591,000						104,000			104,000
3410	3410	Shared Use Path along Denney Rd (King Blvd-Fanno Creek Trailhead)	781,000	272,000	260,000							532,000
3411	3411	Cedar Hills Blvd Bridge Pile Repair	125,000		150,000							150,000
3413	3413	Hall Blvd Fiber Connection	45,000		45,000							45,000
5095	5095	US Hwy 26 at Cedar Hills Blvd Improvements	800,000					200,000				200,000
3410	3410A	Beaverton Creek Trail (On-Street from King Blvd to Lombard Ave)		12,000								12,000
		TOTALS		635,621	933,240	787,139	-	2,364,000	104,000	-	150,000	4,974,000
Facility, Civic, Cultural Capital t Projects:												-
3509	3509	Public Safety Center				17,194,047						17,194,047
3519	3519A	Canyon Rd Intersection Improvements (MTIP)	5,035,000	115,000	115,000							230,000
3521	3521	Beaverton Center for the Arts				1,172,113	297,085			297,085		1,766,283
3522	3522	Library Fountain Improvements										-
		TOTALS		115,000	115,000	18,366,160	297,085	-	-	297,085	-	19,190,330
												-
BURA Capital Improvement Projects:												-
6502	????	Crescent Street Improvements					100,000			100,000		200,000
	3523	Downtown Wayfinding Phase 2								-		-
6501	5099	Parking Garage Lot 2 at The Round								130,000		130,000
6505	5102	Parking Garage in Old Town								-		-
6503	?????	BURA Land Acquisition								754,334		754,334
	?????	Creekside Streetscape Improvements								350,000		350,000
		TOTALS	-	-	-	-	100,000	-	-	1,334,334	-	1,434,334
		Totals =>		**750,621**	**1,048,240**	**19,153,299**	**397,085**	**2,364,000**	**104,000**	**1,631,419**	**150,000**	**25,598,664**

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-780,069		-798,713		-1,208,233		-1,208,233	-1,208,233	-1,379,011		-1,379,011			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-780,069		-798,713		-1,208,233		-1,208,233	-1,208,233	-1,379,011		-1,379,011			
CLASS: 15 INTERGOVERNMENTAL REVENUE														
327 GRANTS - FEDERAL														
			-336,698											
329 OTHER INTERGOVERNMENTAL REV														
	-470,184		-146,746		-711,463		-27,662	-636,463	-150,000		-150,000			
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE														
	-470,184		-483,444		-711,463		-27,662	-636,463	-150,000		-150,000			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-4,724		-6,677		-2,230		-6,691	-9,330	-12,000		-12,000			
389 MISCELLANEOUS REVENUES														
			-37,669											
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-4,724		-44,346		-2,230		-6,691	-9,330	-12,000		-12,000			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
411 TRSFRS FROM GENERAL FUND														
	-71,841		-552,582		-649,798		-395,122	-491,298	-623,621		-623,621			
412 TRSFRS FROM STREET FUND														
	-320,771		-121,478		-895,264		-58,640	-201,150	-933,240		-933,240			
441 TRSFRS FR STORM DRAIN FUND														
	-1,042,040													
443 TSFR FR TRANSP DEV TAX FUND														

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					-1,948,032		-1,667,179	-1,899,537	-2,164,000		-2,164,000			
449 TSFR FR TRANS DEVL TAX/TIF FD														
	-1,965,957		-282,552		-171,296		-13,124	-81,000	-104,000		-104,000			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-3,400,609		-956,612		-3,664,390		-2,134,065	-2,672,985	-3,824,861		-3,824,861			
TOTAL DEPARTMENT: 03 REVENUE														
	-4,655,586		-2,283,115		-5,586,316		-3,376,651	-4,527,011	-5,365,872		-5,365,872			

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
651 PROPERTY ACQUISTION(LAND/BLDG)														
	6,159		377,259											
652 RIGHT-OF-WAY AND EASEMENT COST														
	11,471		49,537		269,000		38,878	300,000	290,000		290,000			
682 CONSTRUCTION														
	3,163,055		160,216		3,820,538		1,880,865	1,957,500	3,727,000		3,727,000			
683 CONST DESIGN & ENGR INSPECTION														
	676,190		487,871		1,037,295		842,513	890,500	745,000		745,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	3,856,875		1,074,883		5,126,833		2,762,256	3,148,000	4,762,000		4,762,000			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
983 RESERVE - UTIL UNDERGROUNDING														
					387,049				509,849		509,849			
991 CONTINGENCY - UNRESERVED														
					72,434				94,023		94,023			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					459,483				603,872		603,872			
TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS														
	3,856,875		1,074,883		5,586,316		2,762,256	3,148,000	5,365,872		5,365,872			

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CAPITAL PROJECTS - WATER OPERATING FUND PROJECTS

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: Water Fund
Department: ***Water Operations***

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$1,013,303	$1,402,392	$1,816,732	$1,509,474	$2,158,628	18.82%
Materials and Services	2,873,154	3,237,292	3,955,346	3,669,009	4,005,298	1.26%
Capital Outlay	687,413	173,926	79,153	122,902	265,450	235.36%
Transfers	3,646,920	4,416,912	3,416,756	3,456,870	4,924,748	44.14%
SUB-TOTAL	$8,220,790	$9,230,522	$9,267,987	$8,758,255	$11,354,124	
Contingency						
Unreserved			8,926,176		7,984,944	
JWC Emergency			500,000		500,000	
Rate Stabilization			600,000		600,000	
Reserve for equip.			324,323		342,168	
TOTAL	$8,220,790	$9,230,522	$19,618,486	$8,758,255	$20,781,236	
FTE's	10.75	10.75	16.25	16.25	19.00	

Explanation of item(s) that are significant (10% and greater than $10,000):

Personnel services:
FY 2018-19 reflects a net increase of 2.75 FTE consisting of: 3.0 FTE new positions for Water Operations; 2 FTE Water Distribution Equipment Operators, 1 FTE Water Customer Service Technician and the reallocation of a 0.25 FTE Inventory Control Technician from the Water Fund to the Garage Fund. The Recommended Budget also includes step increases, COLA increases for SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
No significant changes.

Capital outlay:
FY 2018-19 reflects an increase for vehicle replacements over the amount budgeted in FY 2017-18.

Transfers:
FY 2018-19 reflect in increase of $1.5 million to the water debt service fund for the annual on the new $21 million in water revenue bond issue.

FUND:	DEPARTMENT:
501 WATER	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
3XXX WATER REPLACEMENT PROJECTS	DAVID WINSHIP

DRINKING WATER PROGRAM

For a complete narrative of the budget process for Water Construction Projects, refer to pages 66 – 67.

The Drinking Water Program is funded by: the Water Construction Fund (505) which obtains revenue from Water System Development Charges (SDCs), loans and water revenue bonds and the Water Fund (501) that obtains revenue from water sales, water connection permits, and fees.

The City of Beaverton (City) provides drinking water to approximately 70,000 of the total 96,165 residents within Beaverton city-limits. TVWD currently serves approximately 16,000 Beaverton residents within the withdrawal areas depicted on the following page. These residents are scheduled to be served by the City within 5-7 years. An additional, 8,000 new residents are expected in the South Cooper Mt. area will be served by the City of Beaverton.

Progress on FY 2017-18 Action Plan:

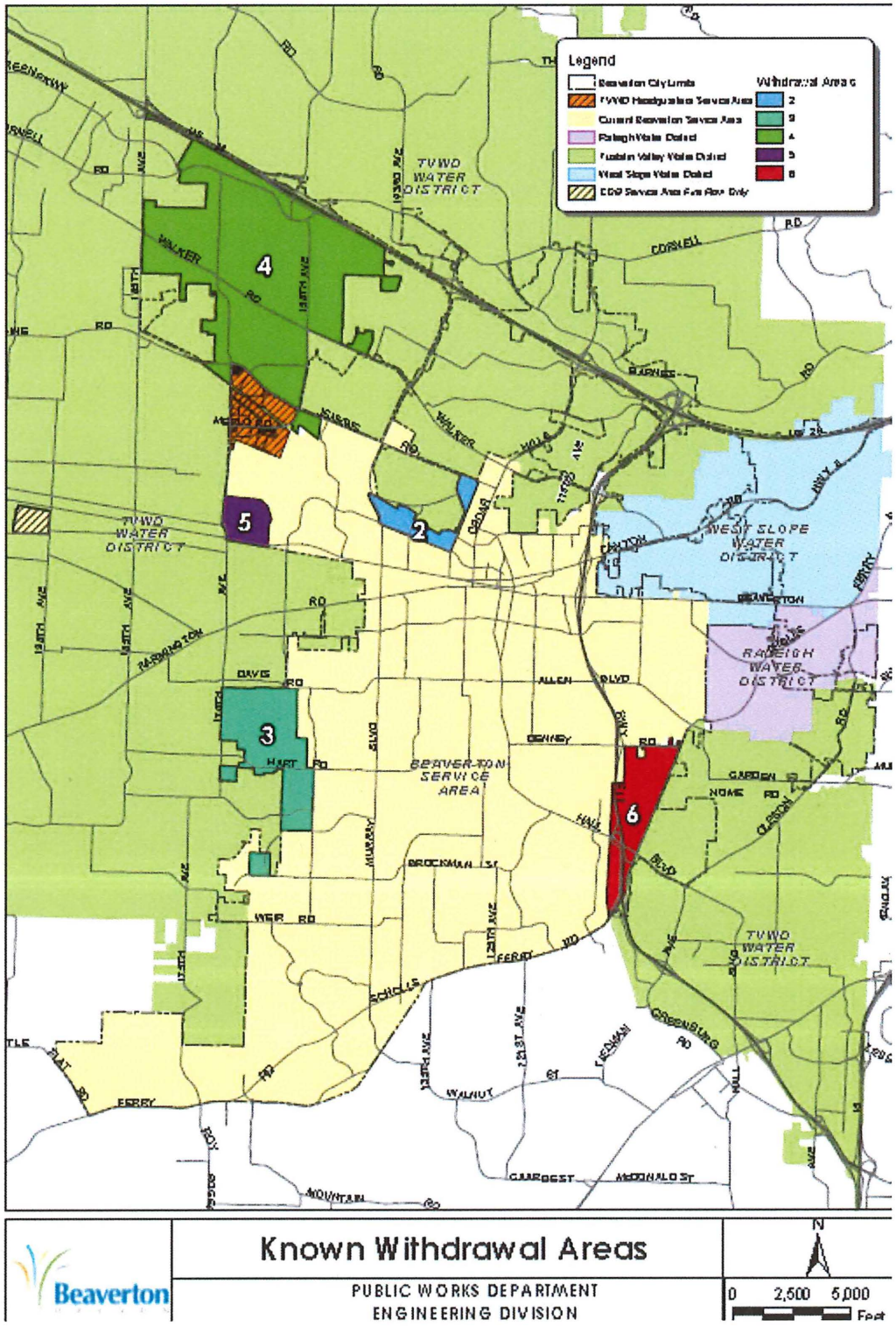
Replacement Projects
The City currently owns, operates and maintains approximately 286 miles of 2" through 36" diameter waterlines. In 1991, the City identified approximately 162,240 lineal feet of water lines ranging in size from 2 to 24 inches and 2,265 fire hydrants that would require replacement over the estimated following 35 years. To date, the City has replaced approximately 107,041 lineal feet (66 %) of the previously identified waterlines for replacement because they were at the end of useful life.

Significant water renewal and replacement projects budgeted, designed and/or constructed in FY 2017-18:

CIP No.	CIP Project Name
3302	Farmington Road Waterline Improvements (148th Ave to Hocken Rd)
4109	Denney Rd (105th Ave - Rollingwood DR and King Blvd - Belaire DR) 12-inch Waterline
4131	140th Ct (140th Ave to End) Waterline Replacement
4083	Duncan Ln (Jamieson to the West) Waterline Upgrade
3611	JWC Upgrade Projects
4060	Water System Security Upgrades
4017A	Water System Master Plan (last update-2009)
4128	TVWD Cooperative Water Projects, service area analysis
4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)
4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2
4107	Annual Water Line Maintenance and Replacement Projects
4120	Taralynn Ave. Allen Blvd. to end
4121	Kimberly CT
4132	27th CT – Kimberly CT @ 142nd Ave
4134A	Pressure Reducing Valves – PRV (various locations)
6037	Beaverdam RD – Rose Biggi Ave. to Watson Ave

Water Master Plan Update (CIP 4017A)
The City hired Murraysmith and Associates in 2016 to complete an update to the City's 2009 Water Master Plan. Originally anticipated to be complete summer 2017, rapid growth from development in South Cooper Mountain (SCM), City participation in the Willamette Water Supply Program (WWSP), and withdrawal of some existing TVWD service areas made water demand forecasting difficult, and ultimately delayed the master plan completion. Now that City participation in the WWSP is confirmed (5 MGD), better forecasting for SCM is known, and the City and TVWD have signed a 40-year IGA covering withdrawal and transfer of service areas from TVWD to the City's water service area, Murraysmith can estimate total water demand, develop a CIP project list, and determine if water SDCs are adequate in both the short-term and long-term. The Water Master Plan Update is scheduled to be complete summer 2018. A reset of SDC charges will follow.

FUND:	DEPARTMENT:
501 WATER	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
3XXX WATER REPLACEMENT PROJECTS	DAVID WINSHIP



Withdrawal and transfer of water service areas from TVWD to the City's water service area from IGA

FUND:	DEPARTMENT:
501 WATER	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
3XXX WATER REPLACEMENT PROJECTS	DAVID WINSHIP

Aquifer Storage and Recover (ASR)
During the winter and spring, when streamflow in the Tualatin River is plentiful, the City injects treated drinking water originating from the Joint Water Commission (JWC) water treatment plant into deep natural underground basalt formations (aquifers), mixing with and displacing native groundwater. During the summer months, when natural streamflow in the Tualatin River is low, treated water is recovered (pumped out) from ASR wells to supplement JWC surface water and help meet Beaverton's overall peak season demands which have reached as high as 17 million gallons per day (mgd).

Since 1999, the City has used ASR as an alternative means to increase summer time drinking water supply and currently provides up to 5 mgd. In 2017, the average daily drinking water demand was 7.15 mgd and the highest demand day was 13.61 mgd for the City's water service area. Beaverton's ASR technology plays a vital role in meeting peak (summer) season customer water demand, which reached 15.2 million gallons on August 1, 2015. That single day volume included nearly 2 million gallons wheeled through the Beaverton water system to the City of Tigard under a water purchase contract Tigard has with the Joint Water Commission (JWC) for the summer.

Drinking water from ASR wells represents up to 30 percent of daily water consumed in the summer period, and 7.3 percent of all water consumed in 2017 by Beaverton water customers. Beaverton's ASR program involves conveying treated drinking water from the JWC water treatment plant into natural underground basalt formations (aquifers), where it is stored for later use. The City currently has two operational ASR Wells Nos. 2 and 4. ASR 3, was drilled in 2000, and construction of a pumping station is planned for 2018, and is listed as CIP No. 4021G.

Since 1999, the City has pumped out over 4.25 billion gallons of potable water stored in the three wells and from native groundwater reserves to help meet peak summer season water demand. Acting as a conservation measure, ASR conserves surface water from primary sources (rivers and dams) during environmentally stressful summer seasons. In calendar year 2017, a total of 191 million gallons (MG) of stored water and native groundwater were recovered (pumped into the water system) from the ASR wells to help meet summer customer drinking water consumption.

ASR Well No. 1, originally constructed as a conventional groundwater well in 1945, was refitted for ASR use in 1997, having a peak pumping capacity of 1 mgd. Having reached the end of its useful life, ASR No. 1 was permanently taken out of service and converted to a groundwater monitoring well. The current total peak pumping capacity of the remaining ASR Well Nos. 2 and 4 is 5 mgd, with an overall underground storage capacity volume of about 851 MG, which can be pumped out under the City's ASR and groundwater permits with the Oregon Water Resources Department.

Once completed, ASR Well No. 5 (CIP 4021D) will expand ASR capacity by 2 mgd. ASR 5 will increase the reliability and capacity of supply both for the City of Beaverton and indirectly for our JWC partners. An increase in 2 mgd during average peak season water demand will provide for an equivalent added supply of potable water to approximately 15,800 new Beaverton residents (using current average-day per capita water use) as Beaverton's residential and commercial and industrial business grows. Water storage volume in the new ASR well will be approximately 237 million gallons (727.3 acre-feet), which will be recovered (pumped out of the well) during the peak summer months to supply City of Beaverton water users during peak-season demand. ASR Well No. 5 will raise the current peak pumping capacity of 5 mgd to 7 mgd.

Joint Water Commission Supply
The Joint Water Commission (JWC) water treatment plant has a nominal capacity of 75 million gallons per day (mgd) of treated drinking water. The City of Beaverton owns a 25 percent share of JWC' s water plant capacity, equivalent to 18.75 mgd of drinking water to supply water to 70,000 city water customers of the total 95,385 residents and businesses within the city limits. To convey the JWC treated water to Beaverton, the City owns the equivalent of 14 mgd-capacity in the 13-mile long South Transmission Line; and equivalent of 2.1 mgd capacity in the 14-mile long Northside Transmission Line; along with full ownership of the Beaverton's 7-mile long 36-inch diameter transmission line, which in combination the three carries potable water from the JWC water treatment plant to Beaverton's in-town storage reservoirs and distribution system. The City's budget included $515,900 in FY 2016-17, Beaverton's proportional share of the total cost based on ownership share, for various projects. The projects replace and upgrade selected parts of the Water Treatment Plant, added backup power generation and other projects related to operation and maintenance of overall JWC assets.

FUND:	DEPARTMENT:
501 WATER	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
3XXX WATER REPLACEMENT PROJECTS	DAVID WINSHIP

FY 2018-19 Action Plan:
Significant water system improvement and replacement projects budgeted for FY 2018-19:

CIP No.	CIP Project Name
6073B	Beaverdam Rd (Cedar Hills Blvd - Watson) Utility Improvement, Phase 2
4120	Taralynn Ave (Allen Blvd - EOP) Waterline Replacement
6095	11th Street - Lee to Alger (1,150 LF 6" DIP)
3106A	Menlo DR (Allen Blvd to Fairmount DR) Sidewalk Water Meter Service Relocation
4132	27th Court - Kimberly Ct to 142nd Ave (600 LF of 6")
4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)
4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2
4078B	Sexton Mountain Pump Station Upgrade
4134	Davies/Brockman PRV Upgrade
3611	JWC Upgrade Projects
4017A	Water System Master Plan
4134A	PRV Upgrades (various locations)

Scoggins Dam and Hagg Lake
In 2001, in partnership with the U.S. Bureau of Reclamation (Reclamation), the City of Beaverton joined Clean Water Services, the Tualatin Valley Water District, and City of Hillsboro as water supply partners to form the Tualatin Basin Water Supply Project Partnership (TBWSP). The purpose of the project was to increase the storage capacity behind Scoggins Dam to about 100,000 acre-feet to meet long-term water supply needs. The TBWSP consisted of raising the height of Scoggins Dam (which forms Hagg Lake); construction of a large pipeline from the dam to the JWC water treatment plant; a large pumping station to pump water from the Tualatin River into Hagg Lake during the winter; and expansion of the JWC water treatment plant south of Forest Grove.). Since 1973, when Reclamation was developing the Tualatin Project (Scoggins Dam, Hagg Lake), the City of Beaverton has been a direct municipal "repayment contractor" to Reclamation for 4,000 acre-feet (1.3 billion gallons) annually. Beaverton has two current contracts with Reclamation dating as far back as 1971.

During the summer, when drinking water demand is high and Tualatin River streamflow is low, Beaverton requests release of water from Hagg Lake (Scoggins Reservoir) and Barney Reservoir (formed behind a dam on the Trask River in the Coast Range) to compensate for the amount of water removed for Beaverton's summer use. Scoggins Dam is situated on Scoggins Creek creating Hagg Lake. Flows from the dam downstream into lower Scoggins Creek are tributary to the Tualatin River, near Gaston. Completion of the Scoggins Dam construction occurred in 1975.

Scoggins Dam/Hagg Lake is currently Beaverton's and Washington County's primary source of water in the summer and a central component to our region's water supply. Hagg Lake supports nearly 250,000 jobs, provides drinking water for more than 400,000 residents, irrigates 17,000 acres of cropland, provides important flood control and recreation opportunities, and sustains water quality in the Tualatin River to protect fish and wildlife habitat.

A potentially catastrophic problem was identified with Scoggins Dam in 2007 by Reclamation staff, related to a Cascadia Subduction Zone earthquake. Between 2009 and 2010, a Risk Analysis was performed on Scoggins Dam to determine the risk from seismic events with Scoggins Dam, owned and operated by Reclamation. Evaluation of risks associated with seismic-induced overtopping and spillway wall failure causing potential catastrophic dam failure provided justification to initiate expedited action to reduce risks based on Reclamation guidelines. Risks associated with earthquake-induced internal erosion were found to be within the range of justification to take action to reduce risk. Based on the findings of these risk analyses, a decision was made in 2010 to move into a Corrective Action Study (CAS).

Scoggins Dam has been classified as one of the most seismically at-risk dams that Reclamation manages. This classification means that failure of the dam due to a large earthquake could result in significant damages or even loss of life to communities if it is not upgraded. Reclamation has spent the last six years developing and refining alternatives, with scopes and cost estimates to complete a seismic retrofit of the Scoggins Dam in a Corrective Action Study under Reclamation's Safety of Dams Program. The estimates for structural modifications of the existing dam are $200 to $500 million. Through local leadership from Clean Water Services, the JWC partners –Beaverton, Hillsboro, Forest Grove and the TVWD continue to support the work to secure

FUND: 501 WATER	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX WATER REPLACEMENT PROJECTS	PROGRAM MANAGER: DAVID WINSHIP

Scoggins Dam to reduce the risk of failure in a major earthquake in order to protect public safety, secure our region's water supply, and help meet future needs.

During FY 18-19, the Principal Engineer in the Public Works Department will continue to work in partnership with Clean Water Services, will continue to work directly with Reclamation staff from the Boise and Denver federal offices on the designated Project Management Team (PMT). The PMT continues to work toward a final PMP containing a determination of corrective actions to modify the existing Scoggins Dam. The Principal Engineer is a member of the PMT, representing the JWC members who have repayment contracts with Reclamation.

In a relatively new development of the project, Reclamation and Clean Water Services sent a letter in November 2015 to approximately 28 property owners downstream of Scoggins to inform them of a newly considered dam safety/water supply concept that could impact their property and a subsequent local informational meeting was held with property owners and local residents. In addition, on March 23, 2017, a neighborhood project meeting was held near the current dam site. The new concept under consideration is a new downstream dam as a replacement of the existing Scoggins Dam, which forms Hagg Lake. The downstream dam concept would inundate the area currently occupied by Stimson Mill and a number of nearby homes and properties. Reclamation and CWS are coordinating with Stimson Lumber. Stimson is supportive of the efforts to review this concept and have indicated that they want to keep the mill in the area and retain the jobs should relocation be necessary. Reclamation and CWS are working closely on this new concept with the other Tualatin Repayment Contractors—Tualatin Valley Irrigation District, and the Cities of Hillsboro, Beaverton and Forest Grove.

The picture below is one of several concepts currently under consideration including options which would strengthen and raise the dam in its current location. Studies, reviews and other processes will continue for several years before the preferred alternative by Reclamation is selected. During FY 18-19, the downstream roller-compacted concrete replacement dam will be designed at the feasibility level, following successful drilling to find foundation rock at the downstream location in late 2017. As the lead partner, CWS will continue the outreach efforts with the neighbors, property owners and stakeholders on this project. Scoggins Dam/Hagg Lake is central to our region's economic vitality and environmental health and it must be strengthened to protect public safety and secure our primary water supply.

City of Beaverton
CIP Financial Plan - Water
FY 2017-18 Estimated

Fund #	CIP #	Project #	Project Name	SDC	Surcharge	Bond Proceeds	IFA Loan Proceeds	Operating: Maint & Replacement	Funding Total
Water Capital Improvement Projects:									
501	3611	3611	JWC Projects					**995,325**	**995,325**
									1,792,250
501	3700	4017	Water System Hydraulic Modeling & Mapping					50,000	50,000
501	3700	4031Q	Annual Waterline Maintenance & Replacement Projects (3700)					50,000	50,000
			Totals - 3700	-	-	-	-	**100,000**	**100,000**
									100,000
501	3701	3302	Farmington Rd. Waterline Improvement (148th to Hocken) 4,000 LF of 12" & 16"					2,500	2,500
501	3701	3407	Beaverton Creek Shared Use Path					38,000	38,000
501	3701	3518	Canyon Road Alternative Bike Network					24,000	24,000
501	3701	4060	Water System Security Upgrades					40,000	40,000
501	3701	4088	Energy Recovery Hydro Projects (Energy Trust of Oregon)					10,000	10,000
501	3701	4111	Hyland Way					63,000	63,000
501	3701	4116	6th St 8-Inch Waterline (Stott Ave to Watson Ave)					166,000	166,000
501	3701	4118	Greenway Ridge Waterline (6-inch replacement)					189,000	189,000
501	3701	4120	Taralynn Avenue - Allen Blvd. to end (1,000 LF of 6")					15,000	15,000
501	3701	4121	Kimberly Court (1,100 LF of 6")					553,000	553,000
501	3701	4134	Davies/Brockman; Weir Rd/158th Ave PRV Upgrades					70,000	70,000
501	3701	4133	Backup Emergency Generator					5,000	5,000
501	3701	6095	Sellwood Subdivision (1,150 LF 6" DIP)					210,000	210,000
501	3701	4017A	Water System Master Plan					96,000	96,000
501	3701	4078C	Sexton Mt. Pump Station Upgrade and Emergency Generator, Phase 3, design					90,000	90,000
501	3701	4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)					474,000	474,000
501	3701	4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2					26,000	26,000
501	3701	4134A	2017 Water System PRVs Project - SW 153rd Ave&Beaverton CreekTC/Division&Village Place					340,000	340,000

City of Beaverton
CIP Financial Plan - Water
FY 2017-18 Estimated

Fund #	CIP #	Project #	Project Name	SDC	Surcharge	Bond Proceeds	IFA Loan Proceeds	Operating: Maint & Replacement	Funding Total
501	3701	4152	Chestnut Pl (BH Hwy - Cypress St) 1200 LF of 8"					400,000	400,000
501	3701	6073B	Beaverdam Rd Waterline Replacement (Rose Biggi Ave - Watson Ave), Phase 2; 800 LF of 8"					305,000	305,000
			Totals - 3701	-	-	-	-	**3,116,500**	**3,116,500**
									2,955,551
505	3620	3302	Farmington Rd. Waterline Improvement (148th to Hocken) 4,000 LF of 12'	2,500					2,500
505	3620	4006	Water System Telemetry (annual upgrade project)	75,000					75,000
	3620	4150	Denney Road Commerce Center (Opportunity Project) Replacement of 2,000 LF with 12" Waterline Upsizing. Joint project with redevelopment	380,000					380,000
505	3620	4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)	422,000					422,000
505	3620	4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2	26,000					26,000
505	3620	3408	Hocken Ave (RR-TV highway)	5,000					5,000
			Totals - 3620	**910,500**	-	-	-	-	**910,500**
									1,313,500
505	3621	4021D	ASR Well No. 5 (includes combined facility w/Sorrento PS seismic upgrades)				**200,000**		**200,000**
									1,600,000
505	3622	4058A	Cooper Mountain (5.5 MG) Reservoir No. 2 (Bond)			250,000			250,000
505	3622	5092C	SW 175th/Weir Road Water Transmission Line Project (Bond)			745,000			745,000
505	3622	5092B	175th/Kemmer Intersection (upgrade existing and new 24" waterline) (Bond)			200,000			200,000
505	3622	4151	Kemmer Rd (176th Ave - 182nd Ave) 24-Inch Waterline Extension (Bond)			175,000			175,000
			Totals - 3622 (North Cooper Mtn. Reservoir #2 and Transmission Lines) (Bond)	-	-	**1,370,000**	-	-	**1,370,000**
									2,209,625
505	3623	4021G	**South Cooper Mt. - Non-potable (purple pipe) Water System (G2A)**	**700,000**					**700,000**
									425,000
505	**3625**	**6083**	**South Cooper Mt. Infrastructure (Potable)**	**50,000**					**50,000**
									750,000
505	3627	5090	Jenkins Waterline Extension - 153rd Ave to Merlo (opportunity project) (Bond)			136,000			136,000
505	3627	4128C	158th at Merlo Connection to Jenkins (Bond)			1,422,000			1,422,000
505	3627	4128A	Cedar Hills Blvd/Jenkins Rd/Walker Rd Water System Improvements (Bond)			1,135,000			1,135,000
505	3627	4128D	Waterhouse South Area 4 Withdrawal Area (Bond)			200,000			200,000
505	3627	4128E	Urban Renewal Area 2 Withdrawal Area (Bond)			150,000			150,000
505	3627	4128F	Southwest Beaverton Area 3 Withdrawal Area (Bond)			100,000			100,000
505	3627	4128G	SW 170th/Arbor Creek TVWD Withdrawal Area 5 (Bond)			100,000			100,000
505	3627	4128H	**Denney-Whitford, TVWD Withdrawal Area 6** (Bond)			150,000			150,000
			Totals - 3627 (Withdrawal of Areas from TVWD) (Bond)	-	-	**3,393,000**	-	-	**3,393,000**
									3,350,000
505	3631	4107	Meridian Pump Station Replacement (Bond)			**200,000**			**200,000**
									400,000
505	3636	4051	Scoggins Dam Raise (TBWSP)	**2,000**					**2,000**
									2,000
505	3643	4126	Willamette Water Supply Program (WWSP) (Bond)			50,000			50,000
505	3643	4141	WWSP Supply Intertie (opportunity project) @ Cornelius Pass Road/TV Hwy. (Bond)			150,000			150,000
			Totals - 3643 Willamette Water Supply (Bond)	-	-	**200,000**	-	-	**200,000**
									844,000
505	3644	4122	Alvord Lane Waterline, 2,600 LF of 16" (Bond)			580,000			580,000
505	3644	5092A	SW 175th - Scholls to Alvord (extend 24" waterline 1,200 LF & connections to other waterlines) (Oppo			866,000			866,000
505	3644	4148	South Cooper Mountain LID			50,000			50,000
			Totals - 3644 (South Cooper Mtn. Extra Capacity Projects), (Bond)	-	-	**1,496,000**	-	-	**1,496,000**
									1,974,000
			Totals =>	**1,662,500**	-	**6,659,000**	**200,000**	**4,211,825**	**12,733,325**

City of Beaverton
CIP Financial Plan - Water
FY 2018-19 Recommended

Fund #	CIP #	Proj #	Project Name	SDC	Surcharge	Bond Proceeds	IFA Loan Proceeds	Operating: Maint & Replacement	Developer Reimb	Funding Total
Water Capital Improvement Projects:										
501	**3611**	**3611**	**JWC Projects**					**1,882,250**		**1,882,250**
501	3700	4017	Water System Hydraulic Modeling & Mapping					50,000		50,000
501	3700	4031Q	Annual Waterline Maintenance & Replacement Projects (3700)					50,000		50,000
			Totals - 3700	-	-	-	-	**100,000**		**100,000**
501	3701	3410	Shared Use Path along Denney Rd (King Blvd-Fanno Creek Trailhead)					6,000		6,000
501	3701	3519A	Canyon Rd Intersection Improvements (MSTIP)					10,000		10,000
501	3701	4060	Water System Security Upgrades					40,000		40,000
501	3701	4111	Hyland Way					820,000		820,000
501	3701	4120	Taralynn Avenue - Allen Blvd. to end (1,000 LF of 6")					210,000		210,000
501	3701	4134	Davies/Brockman; Weir Rd/158th Ave PRV Upgrades					265,000		265,000
501	3701	4133	Backup Emergency Generator					10,000		10,000
501	3701	6095	Sellwood Subdivision (1,150 LF 6" DIP)					360,000		360,000
501	3701	3106A	Menlo Dr (Allen Blvd to Fairmount Dr) Sidewalk Water Meter Service Relocation					60,000		60,000
501	3701	4017A	Water System Master Plan					27,000		27,000
501	3701	4078C	Sexton Mt. Pump Station Upgrade and Emergency Generator, Phase 3, design					60,000		60,000
501	3701	4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)					10,000		10,000
501	3701	4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2					410,000		410,000
501	3701	3407	Beaverton Creek Shared-Use Path (Cedar Hills Blvd-Lombard Ave)					6,000		6,000
501	3701	3321	Westgate Dr/Cedar Hills Blvd.Dawson Wy Intersection Realignment					15,000		15,000
501	3701	4134A	2017 Water System PRVs Project - SW 153rd Ave&Beaverton CreekTC/Division&Village Place					5,000		5,000
			Totals - 3701	-	-	-	-	**2,314,000**		**2,314,000**
	3620	4150	Denney Road Commerce Center (Opportunity Project) Replacement of 2,000 LF with 12" Waterline Upsizing. Joint project with redevelopment **NEW**	370,000						370,000
505	3620	4154	Urban Reserve Infrastructure Analysis (6B area)	100,000						100,000
505	3620	4006	Water System Telemetry (annual upgrade project)	100,000						100,000
505	3620	4018	Wellhead Protection	5,000						5,000
505	3620	4133	Backup Emergency Generator	5,000						5,000
505	3620	4021F	ASR Well No. 6, (Fence 2 lots, **well maintenance/testing)**	50,000						50,000
505	3620	4021H	ASR Well No. 7 (Cooper Mt. ASR **well maintenance/testing)**	50,000						50,000
505	3620	4024Q	Water Extra-Capacity Projects	100,000						100,000
505	3620	4118A	Settler Way Waterline Replacement (1,400 LF of 6"&8") Phase 1 (includes Greenway Ridge)	10,000						10,000
505	3620	4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2	470,000						470,000
505	3620	3408	Hocken Ave (RR-TV highway)	15,000						15,000
			Totals - 3620	**1,275,000**	-	-	-	-		**1,275,000**
505	**3621**	**4021D**	**ASR Well No. 5 (includes combined facility w/Sorrento PS seismic upgrades)**				**1,100,000**			**1,100,000**
505	**3622**	4058A	Cooper Mountain (5.5 MG) Reservoir No. 2 (Bond)			500,000				500,000
505	**3622**	5092C	SW 175th/Weir Road Water Transmission Line Project (Bond)			2,000				2,000
505	**3622**	5092B	175th/Kemmer Intersection (upgrade existing and new 24" waterline) (Bond)			920,000				920,000
505	**3622**	4151	Kemmer Rd (176th Ave - 182nd Ave) 24-Inch Waterline Extension (Bond)			515,000				515,000
			Totals - 3622 (North Cooper Mtn. Reservior #2 and Transmission Lines) (Bond)	-	-	**1,937,000**	-	-		**1,937,000**
505	**3623**	**4021G**	**South Cooper Mt. - Non-potable (purple pipe) Water System**	**600,000**						**600,000**
505	**3625**	**4140**	**SCM 24" Waterline Extension - High School to west (1,100 LF) (may be paid by SDC credits)**	**600,000**						**600,000**
505	**3627**	5090	Jenkins Waterline Extension - 153rd Ave to Merlo (opportunity project) (Bond)			1,035,000				1,035,000
505	**3627**	4128C	158th at Merlo Connection to Jenkins (Bond)			15,000				15,000
505	**3627**	4128A	Cedar Hills Blvd/Jenkins Rd/Walker Rd Water System Improvements (Bond)			8,000				8,000
505	**3627**	4128D	Waterhouse South Area 4 Withdrawal Area (Bond)			200,000				200,000
505	**3627**	4128E	Urban Renewal Area 2 Withdrawal Area (Bond)			1,650,000				1,650,000
505	**3627**	4128F	Southwest Beaverton Area 3 Withdrawal Area (Bond)			50,000				50,000
505	**3627**	4128G	SW 170th/Arbor Creek TVWD Withdrawal Area 5 (Bond)			100,000				100,000
505	**3627**	4128H	Denney-Whitford, TVWD Withdrawal Area 6 (Bond)			100,000				100,000
			Totals - 3627 (Withdrawal of Areas from TVWD) (Bond)	-	-	**3,158,000**	-	-		**3,158,000**
505	**3631**	**4107**	**Meridian Pump Station Replacement (Bond)**			**2,950,000**				**2,950,000**
505	**3636**	**4061**	**Scoggins Dam Raise (TBWSP)**	**4,000**						**4,000**
505	**3643**	4126	Willamette Water Supply Program (WWSP) (Bond)			350,000				350,000
505	**3643**	4141	WWSP Supply Intertie (opportunity project) @ Cornelius Pass Road/TV Hwy. (Bond)			1,650,000				1,650,000
			Totals - 3643 Willamette Water Supply (Bond)	-	-	**2,000,000**	-	-		**2,000,000**
505	**3644**	4122	Alvord Lane Waterline, 2,600 LF of 16" (Bond)			632,000			**158,000**	790,000
505	**3644**	5092A	SW 175th - Scholls to Alvord (extend 24" waterline 1,200 LF & connections to other waterlines) (Opportunity Project) (Bond)			10,000				10,000
505	**3644**	4128	South Cooper Mountain LID			50,000				50,000
			Totals - 3644 (South Cooper Mtn. Extra Capacity Projects) (Bond)	-	-	**692,000**	-	-	**158,000**	**850,000**
			Totals =>	**2,479,000**	-	**10,737,000**	**1,100,000**	**4,296,250**	**158,000**	**18,770,250**

CAPITAL PROJECTS - WATER CONSTRUCTION FUND

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Water Construction**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Capital Outlay	$1,562,002	$4,038,523	$12,868,125	$8,521,500	$14,474,000	12.48%
SUB-TOTAL	$1,562,002	$4,038,523	$12,868,125	$8,521,500	$14,474,000	
Contingency			-		-	
Contingency - Dedicated			396,121		1,800,946	
Reserve			6,582,375.00		3,853,175	
Reserve			-			
TOTAL	$1,562,002	$4,038,523	$19,846,621	$8,521,500	$20,128,121	

Explanation of item(s) that are significant (10% and greater than $10,000):

Capital outlay:
FY 2018-19 increase reflects the addition of opportunity projects (in coordination with projects from other agencies) such as SW 175th - Scholls to Alvord, Willamette Water Supply Intertie, Jenkins Waterline Extension, 175th/Kemmer Intersection, South Cooper Mtn 24" Waterline Extension (High School to west). Some of these opportunity projects will be paid with the $21 Million Water Revenue Bond Issue. Also included is construction of Cedar Hills/Jenkins/Walker Rd Waterline Improvements.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
505 WATER CONSTRUCTION	PUBLIC WORKS
	DEPARTMENT HEAD: DAVID DONALDSON

Program Trends:
The City's water utility operation is accounted for in the Water Fund. For financial reporting purposes, the Water Fund is a consolidation of the Water Operating Fund, Water Construction Fund and Water Debt Service Fund. For budgetary and financial control purposes, a separate budget is presented for each of these operations. The budget presented in this program is for the Water Construction Fund. This fund accounts for expenditures for improvements to the system with the three sources of revenue: System Development Charges (SDCs), transfers from operating revenue and an occasional revenue bond. Due to an increase in real estate development, SDCs have rebounded somewhat from previous recessionary years. Contributions of operating funds for the replacement portion of capital projects continues to be a challenge as metered consumption has flattened and operating revenue is limited. The sale of revenue bonds funds for major facility construction projects is expected over the next five years. The budget proposes a $21 million Water Revenue Bond being sold in June 2018.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
CAPITAL OUTLAY	$1,562,002	$4,038,523	$12,868,125	$14,474,000	$0
TRANSFERS					
CONTINGENCY	0	0	6,978,496	5,654,121	0
TOTAL	**$1,562,002**	**$4,038,523**	**$19,846,621**	**$20,128,121**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$1,860,962	$1,879,643	$992,721	$16,390,121	$0
Intergovernmental Revenue	54,750	750,000	0	0	0
System Development Fees	983,855	176,990	1,010,000	1,200,000	0
Miscellaneous Revenue	12,077	100,966	13,900	438,000	0
Loan Proceeds	0	347,645	16,600,000	1,100,000	0
Transfers from:					
Water Fund	530,000	1,776,000	1,230,000	1,000,000	0
Funding of Projects:					
3620 Water Extra Capacity Supply System	1,245,819	889,917	1,313,500	1,275,000	0
3621 ASR No. 5 Project	263,739	1,096,318	1,600,000	1,100,000	0
3622 Cooper Mtn Rsvr #2 and Water Lines	0	202,535	2,209,625	1,937,000	0
3623 Non Potable Purple Pipe Projects	0	69,128	425,000	600,000	0
3625 So. Cooper Mtn Water Capacity Proj	0	69	750,000	600,000	0
3627 Withdrawal of Areas from TVWD	0	1,681,277	3,350,000	3,158,000	0
3631 Meridian Pump Station Repl.	0	29,048	400,000	2,950,000	0
3636 Scoggins Dam Raise Project	0	0	2,000	4,000	0
3643 Willamette Water Supply System	52,444	42,895	844,000	2,000,000	0
3644 So. Cooper Mtn. Extra Capacity	0	27,336	1,974,000	850,000	0

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS
PROGRAM: INCREASED CAPACITY CAPITAL PROJECTS	DEPARTMENT HEAD: DAVID DONALDSON

Progress on FY 2017-18 Action Plan:
Significant water capacity projects budgeted, designed and/or constructed in FY 2017-18 include the following projects. Projects appear in the budget under the various funds and programs. Each project has its own identifier and may have allocations for various object codes such as Construction (#682) or Right of Way/Easement Costs (#652).

During FY 2017-18, the list of projects continued to grow as development opportunities occurred in the Cooper Mountain area and the city began a schedule of taking over water service responsibilities from the Tualatin Valley Water District (TVWD) for properties already within the city limits.

Program: Water Extra Capacity- 3620

CIP Project No.	CIP Project Name
3302	Farmington Road Utility Improvements (148th Ave to Hocken Rd), complete
4133	Backup Generator
4024P	Water Extra-Capacity Projects
4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2

Program: ASR 5 Project – IFA Loan – 3621

4021D	ASR Well No. 5 – Completed preliminary design for well siting location

Program: Cooper Mountain Reservoir #2 and Transmission Mains (bonded) – 3622

5092B	175th/Kemmer Intersection (upgrade existing and new 24" waterline)
5092C	SW 175th /Weir Road Water Transmission Line
4058A	Cooper Mt. Reservoir No. 2, preliminary design only

Program: Non-Potable "Purple Pipe" Mains – 3623

4021G	ASR No. 3 in South Cooper Mt. (SCM) - Non-potable purple-pipe water system

Program: S. Cooper Mtn. SDC Projects – 3625

6083	South Cooper Mt. Infrastructure – Potable
5092A	SW 175th - Scholls to Alvord (extend 24" waterline 1,200 LF & connections to other waterlines)

Program: Withdrawal of Areas from TVWD – 3627

5090	Jenkins Bridge Crossing, preliminary design only
4128C	158th @ Merlo Connection to Jenkins Road
4128A	Cedar Hills Blvd/Jenkins/Walker Road system improvements

Program: Meridian Pump Station – 3631

4107	Meridian Pump Station Replacement and Upgrade, preliminary design only

Program: Willamette River Water Supply – 3643 (bonded)

4126	Willamette Water Supply Program – Continue participation with preliminary design and joined the Willamette Water Intake Facility Commission (WIF)
4141	WWSP Supply Intertie @ Cornelius Pass Road and TV Highway

Program: S. Cooper Mtn. Extra Capacity Projects (bonded) – 3644

4122	Alvord Lane Waterline, 2,500 LF of 16"

FY 2018-19 Action Plan:
During FY 2018-19, the list of projects shows continued progress on development opportunities occurring in the Cooper Mountain area and the city transferring water service responsibilities from TVWD for about 16,000 city residents over the next 5-7 years. On Feb. 20, 2018, the City Council approved a 40-year IGA with TVWD and authorized the Mayor to sign the IGA.

FUND:	DEPARTMENT:
505 WATER CONSTRUCTION	PUBLIC WORKS
PROGRAM:	**DEPARTMENT HEAD:**
INCREASED CAPACITY CAPITAL PROJECTS	DAVID DONALDSON

There will be opportunities for an initial investment in the assets of the Willamette Water Supply Project (WWSP). Significant extra-capacity water system improvements consists of:

Program: Water Extra Capacity- 3620

CIP Project No.	CIP Project Name
4024P	Water Extra-Capacity Projects
4118B	Settler Way Waterline Replacement (2,000 LF of 6"&8") Phase 2

Program: ASR 5 Project – IFA Loan – 3621

4021D	ASR Well No. 5 – Sorrento Pump Station Seismic Upgrade

Program: Cooper Mountain Reservoir #2 and Transmission Mains (bonded) – 3622

5092B	175th/Kemmer Intersection (upgrade existing and new 24" waterline)
4058A	Cooper Mt. Reservoir No. 2, preliminary design only

Program: Non-Potable "Purple Pipe" Mains – 3623

CIP No.	CIP Project Name
4021G	ASR No. 3 in South Cooper Mt. (SCM) – Supply source to Non-potable purple-pipe water system

Program: S. Cooper Mtn. SDC Projects – 3625

6083	South Cooper Mt. Infrastructure – Potable
5092A	SW 175th - Scholls to Alvord (extend 24" waterline 1,200 LF & connections to other waterlines)

Program: Withdrawal of Areas from TVWD – 3627

5090	Jenkins Bridge Crossing
4128A	Cedar Hills Blvd/Jenkins/Walker Road system improvements
4128C	158th @ Merlo Connection to Jenkins Road
4128D	Waterhouse South Area 4 withdrawal area - preliminary design only
4128E	Millikan Way Area 2 withdrawal area - preliminary design and construction
4128F	Southwest Beaverton 3/5 withdrawal area - preliminary design only

Program: Meridian Pump Station – 3631

4107	Meridian Pump Station Replacement and Upgrade, preliminary design only

Program: Willamette River Water Supply – 3643 (bonded)

4126	Willamette Water Supply Program – intake facility upgrade
4141	WWSP Supply Intertie @ Cornelius Pass Road and TV Highway

Program: S. Cooper Mtn. Extra Capacity Projects (bonded) – 3644

4122	Alvord Lane Waterline, 1,300 LF of 16"

Aquifer Storage and Recover (ASR) – ASR No. 5

During FY 18-19, final design engineering and land use approval will occur. The new ASR No. 5 (providing 2 MGD) will replace ASR No. 1 (out of service). The City's future total peak pumping capacity in ASR wells is 7 MGD which consists of ASR Well No. 2 (2 MGD), ASR Well No. 4 (3 MGD) and ASR Well No. 5 (2 MGD).

The project is financed by a $5 million loan and loan-forgiveness funds from the State of Oregon Infrastructure Finance Agency (IFA) and the US EPA with additional funding from the Water Construction Fund. The City's application for the US EPA Safe Drinking Water Revolving Loan Fund was deemed Environmentally Innovative for its proposed design, efficiency and function. ASR Well No. 5 is located at the existing Sorrento Reservoir and Pump Station site owned by the City of Beaverton on Hanson Road near 135th Avenue.

FUND:	DEPARTMENT:
505 WATER CONSTRUCTION	PUBLIC WORKS
PROGRAM:	**DEPARTMENT HEAD:**
INCREASED CAPACITY CAPITAL PROJECTS	DAVID DONALDSON

In FY 2016-17, ASR Well No. 5 was drilled to a depth of 945 feet and accesses a productive deposit of groundwater below 500 feet. For comparison, ASR No. 2 & 4 wells are drilled to about 500 feet deep. Because the ASR No. 5 well is sealed to 480 feet, it is effectively drawing water from a separate deeper zone that is below and not directly accessible by neighboring ASR wells (No. 2 & 4). The modified seal configuration, which was approved by Oregon Water Resources Department, helps limit interference/interaction (well productivity decreases) that could occur when ASR No. 5 is pumped at the same time as ASR No. 2 or 4.

An increase in 2 MGD during average peak season water demand from ASR No. 5 will provide for an equivalent supply of potable water to approximately 19,400 residents (9,700 population per 1 MGD), using current average-day per capita water use. The ASR capacity also provides for Beaverton residents in case of an emergency when water supply from the JWC is interrupted. Similar ASR benefits are expected in the future with ASR Nos. 6 and 7. This investment reserves the location and well for future needs when justified by growth in City water customer use by residents and businesses and for City-wide fire protection. This increases the reliability and capacity of supply both for the City of Beaverton and indirectly for our JWC partners.

To offset energy used to recover (pump) water from the ASR No. 5 well in the summer season, the ASR system will incorporate variable-speed hydropower generation from excess water pressure that is typically dissipated during the aquifer injection (storage) process. The City's proposed ASR Well No. 5 project will install premium efficiency pumps and motors and also incorporate the renewable energy technology to offset pumping costs, complementing the City's energy sustainability goals. The project will help to recover 91,000 Kwh of energy annually and save over $5,000 annually on energy costs. The ASR No. 5 project also includes expanded emergency backup power generating capacity.

The use of ASR by Beaverton is an important bridge during the next decade to conserve stored water in the event of: a drought period, imposed Scoggins reservoir fill restriction(s), water quality problems, seismic events up to the intensity of the Cascadia Subduction Zone earthquake, or other water-limiting events in the future. ASR 5 and other ASR facilities are believed to be more resilient during a large earthquake due to being located on top and penetrating into deep rock formations of more stable Columbia River Basalt. With the significant seismic risks now known concerning Scoggins Dam, the schedule is uncertain to strengthen and raise the existing, or replace the dam at a downstream location by the US Bureau of Reclamation.

South Cooper Mountain (SCM) Annexation Area – Water Infrastructure
One of the most significant City of Beaverton infrastructure planning, design and construction projects of the last 30 years will continue in FY 2018-19. The South Cooper Mountain annexation area (544 acres), which is largely undeveloped, was added to the Urban Growth Boundary (UGB) in 2011 and annexed to the City of Beaverton January 2013. In FY 17-18, construction of Mountainside High School was completed and additional subdivisions were approved for land use. Overall, about 3,000 living units were in various stages of land use approval in FY 17-18 and a 700 living-unit development is under construction with at least 300 living units predicted to be completed in FY 18-19.

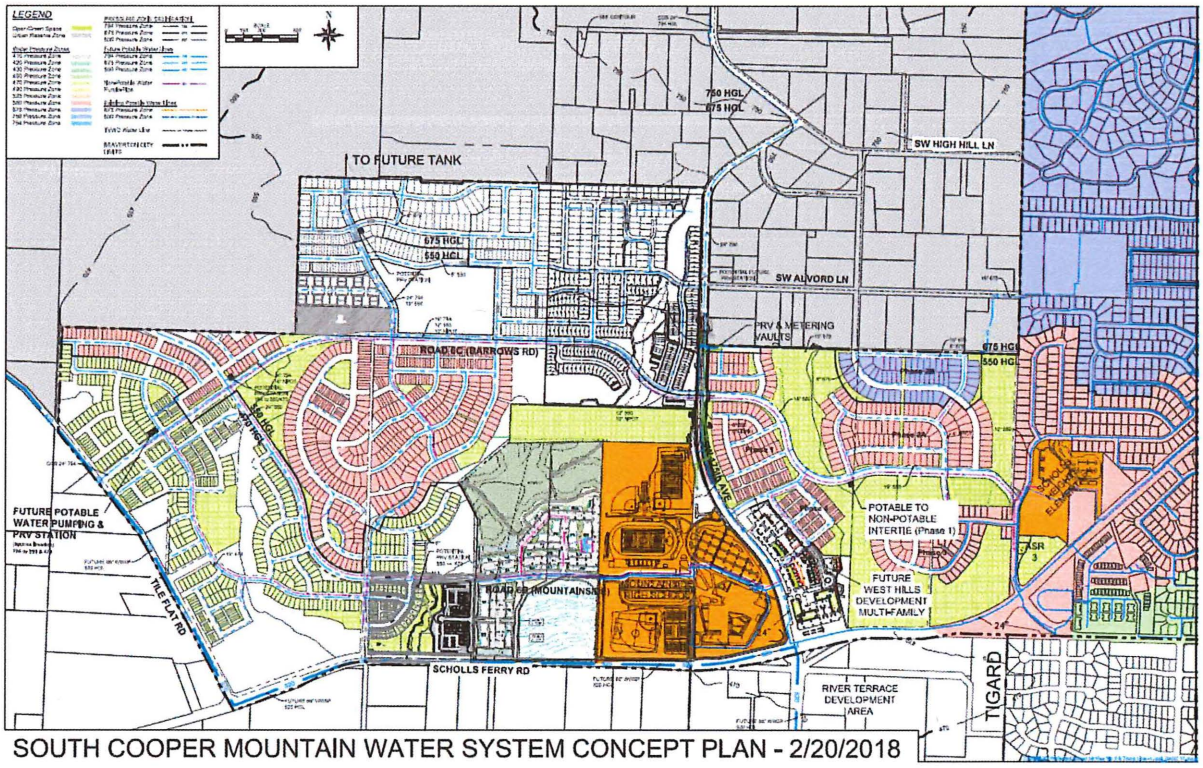
City engineering staff will continue to work closely with developers and other governmental agencies to ensure construction of regional potable water facilities within South Cooper Mountain. Construction will be completed in FY 18-19 on 1500 linear feet of 16" and 24" waterline in SW 175th Ave as part of the Washington County project to widen the roadway. City and SCM developers will also construct 2,100 linear feet of 16" waterline for the Alvord Ln Waterline Extension project and multiple pressure reducing valve and metering vaults that will provide 675 foot-pressure zone water to the upper elevations of South Cooper Mountain developments. The waterline extensions and vaults construction will begin in FY 17-18 and be completed in FY 18-19.

During FY 2015-16, the South Cooper Mountain Concept Plan was adopted with a vision that serves as a long-term guide for future growth and development of the South Cooper Mountain area, including concept plans for public infrastructure for streets, water, sewer and storm drainage. The concept plan covers public infrastructure for the entire 6B Urban Reserve (1,776 acres) including the 544-acre South Cooper Mountain annexation area. The City Council supports a recommendation to Metro to include Urban Reserve 6B in the next addition of land to be added to the Metro land area within the UGB.

An infrastructure study which is part of the concept plan (and continuing in CIP No. 6083), requires extensive evaluation of potable water supply and service needs and projected costs to ensure provision of water service and fire protection for a fully developed area. Hydraulic modeling for the future water system in the annexation area and beyond produced a grid of needed

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS
PROGRAM: INCREASED CAPACITY CAPITAL PROJECTS	DEPARTMENT HEAD: DAVID DONALDSON

waterlines. In FY 18-19, engineering staff will expand investigation and planning/design of both potable and non-potable water infrastructure to serve the remainder of SCM within the city limits and in the proposed Urban Reserve 6B areas.



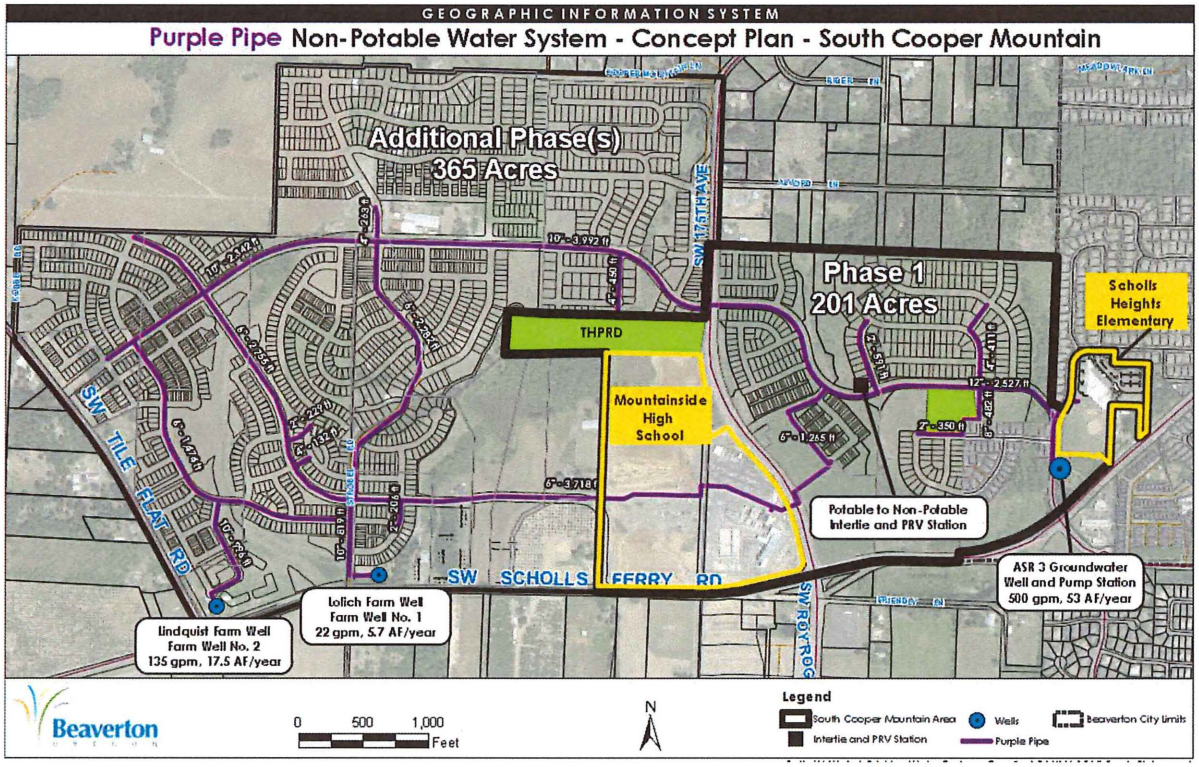
SOUTH COOPER MOUNTAIN WATER SYSTEM CONCEPT PLAN - 2/20/2018

An engineering consultant study in 2008 concluded that within about 5 years, the City's upper-elevation water storage needs would exceed the capacity of the 5.5 million gallon reservoir on Cooper Mountain (Cooper Mountain Reservoir No. 1), currently serving these areas of the City. In 2009, the Beaverton City Council adopted a Water System Master Plan that included the 2008 upper elevation storage findings. An updated Beaverton Water Master Plan by a consultant and the City's engineering staff will be completed in FY 18-19 which recommends 5.5 million-gallon Cooper Mt. Reservoir No. 2. The 2018 master plan update includes a siting study of potential locations for another future reservoir Cooper Mt. Reservoir No. 3, with a capacity of approximately 5 million gallons, located above an elevation of 550 feet and within a reasonable distance of existing water mains to fill and drain the reservoir. Currently, approximately 15,000 of the total 70,000 residents served by Beaverton's water system receive drinking water from the existing upper-elevation water storage reservoir on Cooper Mountain (No. 1). Within the 544-acre annexed area of the South Cooper Mountain, 8,000 people will added to the City's upper elevation water service area in the coming years, and another 8,000 residents when the remaining Urban Reserve 6B is brought into the Urban Growth Boundary and annexed to the City of Beaverton. Public Works engineering staff will continue working toward preliminary design a future water reservoir, Cooper Mountain Reservoir No. 2 (CIP 4058A) and 2 mile-long 24" water transmission main, and other needed water infrastructure to serve upper elevations of southwest Beaverton.

ASR Well No. 3 to Supply Native Groundwater to Non-Potable Purple Pipe Water System, CIP 4021G

ASR No. 3, located on a City-owned subdivision lot, was drilled in 2000, and has not yet been developed for pumping due to other higher productivity wells (ASR Nos. 2 and 4) located in the Sorrento Ridge area. However, due in part to the South Cooper Mountain area annexation, new high school and concentrated residential development, the use of the native groundwater from the well referred to as ASR Well No. 3, is now planned to provide non-potable summer irrigation water for the landscaping and recreation areas of the new development area. The existing ASR Well No. 3, which includes the City's groundwater rights, will be capable of providing up to 575,000 gallons of native groundwater per day that can be used for irrigation and other outdoor uses.

FUND: 505 WATER CONSTRUCTION	DEPARTMENT: PUBLIC WORKS
PROGRAM: INCREASED CAPACITY CAPITAL PROJECTS	DEPARTMENT HEAD: DAVID DONALDSON



To partially mitigate the increase in potable water demand related to non-potable water uses (e.g., landscaping irrigation, decorative fountains and ponds, outdoor use, toilet flushing), the City is developing and building a non-potable "purple pipe" system in SCM, which will include approximately 27,000 lineal feet (over five miles in length) of buried purple-colored plastic water pipe. The non-potable water system will use native groundwater from a 1,000-foot deep well, drilled in 2000 (ASR No. 3) into a local underground Columbia River Basalt, deep-basalt aquifer. Following the completion of the non-potable pumping and distribution system preliminary study, a pumping system and purple-pipe distribution system is being developed. The purple-pipe water distribution system will extend from the SW Loon Drive (ASR No. 3) groundwater well near Scholls Ferry Road west to Tile Flat Road. The system currently extends to the west side of the new Beaverton School District - Mountainside High School, which will use non-potable water for their irrigation needs.

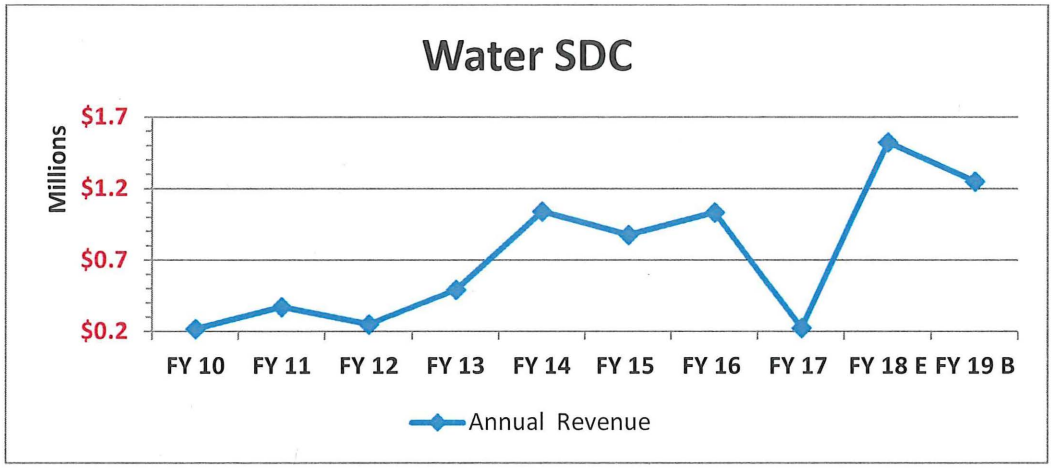
Developers continued to install purple-pipe throughout new subdivisions within South Cooper Mountain in FY 17-18. The City will construct a potable to non-potable intertie in FY 17-18 that will pressurize the system purple-pipe system with potable water. The system will be operational for developments in South Cooper Mountain to use until the work at ASR 3 is completed, after which the system will supply non-potable water. A land use pre-application meeting for the well improvements at ASR 3 was held in FY 17-18. Final design of the well improvements and land use application will be completed in FY 18-19.

The City is also working with Clean Water Services on a project to determine viability of using stormwater to recharge the aquifer at ASR 3. A grant from Oregon Water Resources Department funded a feasibility study that was completed in FY 17-18. The feasibility study showed that stormwater could be treated to the appropriate drinking water standard for groundwater injection. Additional grant funding is being sought by City and Clean Water Services staff to do a pilot treatment project in the coming fiscal year.

FUND:	DEPARTMENT:
505 WATER CONSTRUCTION	PUBLIC WORKS
PROGRAM:	**DEPARTMENT HEAD:**
INCREASED CAPACITY CAPITAL PROJECTS	DAVID DONALDSON

System Development Charges
At the conclusion of the 2018 Water Master Plan, the system development charges will be adjusted for the project list that is produced for the coming 25 years or so covered by the plan. The current SDC for a typical single-family home is set at: $5,533.

This graph illustrates the trend line of this important revenue source for water system capital investments. In some cases a developer may receive credits for oversizing mains and valves which reduces the actual amount charged.



BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 505 WATER CONSTRUCTION FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-1,860,962		-1,879,643		-992,721		-992,721	-992,721	-16,115,121		-16,390,121			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-1,860,962		-1,879,643		-992,721		-992,721	-992,721	-16,115,121		-16,390,121			
CLASS: 15 INTERGOVERNMENTAL REVENUE														
329 OTHER INTERGOVERNMENTAL REV														
	-54,750		-750,000											
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE														
	-54,750		-750,000											
CLASS: 20 PERMITS & FEES														
346 WATER SDC REIMBURSEMENT FEES														
	-152,490		-23,066		-135,000		-186,918	-210,000	-200,000		-200,000			
353 WATER SDC IMPROVEMENT FEES														
	-831,365		-153,924		-875,000		-1,109,342	-1,265,000	-1,000,000		-1,000,000			
TOTAL CLASS: 20 PERMITS & FEES														
	-983,855		-176,990		-1,010,000		-1,296,260	-1,475,000	-1,200,000		-1,200,000			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-12,077		-11,557		-13,900		-7,595	-13,900	-280,000		-280,000			
389 MISCELLANEOUS REVENUES														
			-89,409						-158,000		-158,000			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-12,077		-100,966		-13,900		-7,595	-13,900	-438,000		-438,000			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
419 TRSFRS FROM WATER FUND														

1560

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 505 WATER CONSTRUCTION FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	-530,000		-1,776,000		-1,230,000		-1,230,000	-1,230,000	-1,000,000		-1,000,000			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-530,000		-1,776,000		-1,230,000		-1,230,000	-1,230,000	-1,000,000		-1,000,000			
CLASS: 45 NON-REVENUE RECEIPTS														
450 PROCEEDS-LOANS														
			-347,645		-1,600,000			-200,000	-1,100,000		-1,100,000			
451 BOND SALE PROCEEDS														
					-15,000,000			-21,000,000						
TOTAL CLASS: 45 NON-REVENUE RECEIPTS														
			-347,645		-16,600,000			-21,200,000	-1,100,000		-1,100,000			
TOTAL DEPARTMENT: 03 REVENUE														
	-3,441,644		-5,031,244		-19,846,621		-3,526,576	-24,911,621	-19,853,121		-20,128,121			

0952

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 505 WATER CONSTRUCTION FUND DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
652 RIGHT-OF-WAY AND EASEMENT COST														
					100,000		27,500	7,000						
682 CONSTRUCTION														
	1,055,731		3,162,592		8,839,125		3,324,634	5,903,000	11,456,000		11,456,000			
683 CONST DESIGN & ENGR INSPECTION														
	506,271		875,931		3,929,000		1,375,246	2,611,500	3,018,000		3,018,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	1,562,002		4,038,523		12,868,125		4,727,380	8,521,500	14,474,000		14,474,000			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
993 RESERVE - BOND PROCEEDS														
					6,582,375				3,853,175		3,853,175			
994 RESERVE - SDC														
					396,121				1,525,946		1,800,946			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					6,978,496				5,379,121		5,654,121			
TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS														
	1,562,002		4,038,523		19,846,621		4,727,380	8,521,500	19,853,121		20,128,121			

0953

CAPITAL PROJECTS - SEWER FUND

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: Sewer Fund
Department: ***Sewer System improvements***

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Capital Outlay	$935,096	$422,872	$2,470,307	$1,771,274	$1,977,000	-19.97%
SUB-TOTAL	935,096	422,872	2,470,307	1,771,274	1,977,000	
Contingency			-		-	
			-		-	
			-		-	
Reserve for equip.			-	-	-	
TOTAL	$935,096	$422,872	$2,470,307	$1,771,274	$1,977,000	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Capital outlay:
FY 2018-19 reflects a slightly reduced level for construction improvement and replacement projects over the FY 2017-18 budget and for inline with the FY 2017-18 Estimated.

FUND: 502 SEWER	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX SEWER PROJECTS	PROGRAM MANAGER: DAVID WINSHIP

SANITARY SEWER PROGRAM

For a complete narrative of the budget process for Sanitary Sewer Construction Projects, refer to page 66. The listing of projects and the funding sources can be found on page 424.

Increased-Capacity Projects
Recommendations made in the city's January 2004 Sanitary Sewer Collection System Master Plan and the 2009 Clean Water Services Master Plan are used by city staff to determine which projects are necessary to increase the capacity of the sewer system to serve new development and redevelopment and/or underdeveloped land. An updated master plan will be completed in early FY 2018-19.

Replacement and Rehabilitation Projects
The city's sewer system is comprised of approximately 275 miles of piping ranging in size from 6 to 21 inches and more than 7,781manholes. A significant portion of the sewer lines in older sections of the city and some newly annexed areas are nearing or exceeding 65 years of service, which is considered as the average useful life span of sanitary sewers. City staff evaluate all the older sewer lines with TV inspection and rate all older pipes and designate a systematic time line for replacement of each pipe in the CityWorks asset management program.

Sanitary Sewer projects budgeted for FY 2017-18 and FY 2018-19 are as follows:

Progress on FY 2017-18 Action Plan:
CIP Projects

- 3302 Farmington Trunk Improvement – Murray to Hocken Rd (COB MP FA-01) - complete
- 3316 Rose Biggi Ave Extension (Crescent St to Hall Blvd) - complete
- 4118A Settler Way Utility Improvements – complete construction
- 5092A 175th Ave (Alvord Ln – Scholls Ferry) Roadway Improvements –continued construction
- 6000 Sanitary Sewer Master Plan – continue
- 6000A System Development Charge Rate Study - continue
- 6006 Erickson Trunk Upsizing (6th to SW Allen) CWS R110 – evaluation and pre-design
- 6083 South Cooper Mt. Infrastructure Engineering – continued design
- 6095 Sellwood Subdivision Utility Improvements - design
- 6099 South Cooper Mountain (West) Additional Capacity Improvement (12"-24") – continued design
- 8098A & 8089B Utility Improvements at Dover Ln Near Oleson Rd – continued design

FY 2018-19 Action Plan:
CIP Projects

- 4118B Settler Way Phase 2 –design and construction
- 5092A 175th Ave (Alvord Ln – Scholls Ferry) Roadway Improvements –complete construction
- 6000 Sanitary Sewer Master Plan - complete MP and South Cooper Mt update
- 6000A System Development Charge Rate Study - complete study
- 6006 Erickson Trunk Upsizing (6th to SW Allen) CWS R110 – design and construction
- 6083 South Cooper Mt. Infrastructure Engineering – continued design
- 6095 Sellwood Subdivision Utility Improvements – design and construction
- 6099 – South Cooper Mountain (West) Additional Capacity Improvement (12"-24") – design and construction
- 8098A & 8089B Utility Improvements at Dover Ln Near Oleson Rd – continue design
- 3519A Canyon Rd Intersection Improvements (MSTIP) - design

City of Beaverton
CIP Financial Plan - SEWER
FY 2017-18 Estimated

Fund #	Project #	CIP #	Project Name	Anticipated ENTIRE Project Total	Funding Source: SDC	Surcharge	Operating: Maint & Replacement	Grants, IGA	Funding Total
Sewer Capital Improvement Projects:									
502	3811	6000	Sanitary Sewer Master Plan	250,000	293,274				**293,274**
502	3811	6006	Erickson Trunk Upsizing (6th St - 10th St) CWS R110	1,100,000				200,000	**200,000**
502	3811	6000A	Rate Study - City of Beaverton Sewer SDC		35,000				**35,000**
			Total-3811 Sewer Collection System		**328,274**	**-**	**-**	**200,000**	**528,274**
502	3812	5092A	175th Ave (Alvord Ln - Scholls Ferry) Roadway Improvements, MSTIP	480,000	476,000			85,000	**561,000**
502	3812	6099	South Cooper Mtn (West) Additional Capacity Improvement (12"-24")	794,500	-			-	-
			Total - 3812 South Cooper Mtn Project		**476,000**	**-**	**-**	**85,000**	**561,000**
502	3850	3410	Shared Use Path along Denney (King Blvd-Fanno Creek Trailhead	781,000					-
502	3850	4118A	Settler Way Waterline Replacement, PH 1			310,000			**310,000**
502	3850	4118B	Settler Way Waterline Replacement, PH 2			12,000			**12,000**
502	3850	6095	Sellwood Subdivision Utility Improvement Master Plan L			350,000			**350,000**
502	3850	8098A	Utility Improvements at Dover Ln Near Oleson Rd (Dover South)	285,000		10,000			**10,000**
			Total-3850 Maintenance & Replacement		**-**	**682,000**	**-**	**-**	**682,000**
			Totals =>		**804,274**	**682,000**	**-**	**285,000**	**1,771,274**

City of Beaverton
CIP Financial Plan - SEWER
FY 2018-19 Recommended

Fund #	Project #	CIP #	Project Name	Anticipated ENTIRE Project Total	Funding Source: SDC	Surcharge	Operating: Maint & Replacement	Grants, IGA	Funding Total
Sewer Capital Improvement Projects:									
502	3811	6006	Erickson Trunk Upsizing (6th St - 10th St) CWS R110	1,100,000				200,000	**200,000**
502	3811	6000A	Rate Study - City of Beaverton Sewer SDC	60,000	25,000				**25,000**
			Total-3811 Sewer Collection System		**25,000**	**-**	**-**	**200,000**	**225,000**
502	3812	5092A	175th Ave (Alvord Ln - Scholls Ferry) Roadway Improvements, MSTIP	480,000	10,000				**10,000**
502	3812	6099	South Cooper Mtn (West) Additional Capacity Improvement (12"-24")	794,500	326,500			468,000	794,500
			Total - 3812 South Cooper Mtn Project		**336,500**	**-**	**-**	**468,000**	**804,500**
502	3850	3410	Shared Use Path along Denney (King Blvd-Fanno Creek Trailhead			7,500			**7,500**
502	3850	3519A	Canyon Rd Intersection Improvements (MSTIP			10,000			**10,000**
502	3850	4118B	Settler Way Waterline Replacement, PH 2			300,000			**300,000**
502	3850	6095	Sellwood Subdivision Utility Improvement Master Plan L	800,000		325,000			**325,000**
502	3850	8098B	Utility Improvements at Dover Ln Near Oleson Rd (Dover North)	285,000		50,000			**50,000**
502	3850	8098A	Utility Improvements at Dover Ln Near Oleson Rd (Dover South)	285,000		255,000			**255,000**
			Total-3850 Maintenance & Replacement		**-**	**947,500**	**-**	**-**	**947,500**
			Totals =>		**-**	**947,500**	**-**	**668,000**	**1,977,000**

CAPITAL PROJECTS - STORM DRAIN FUND

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: Storm Drain
Department: **Infrastructure Projects**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Capital Outlay	$867,469	442,289	2,914,000	$483,692	$3,490,000	19.77%
Transfers	$1,042,040	-	-	-	-	0.00%
SUB-TOTAL	1,909,509	442,289	2,914,000	483,692	3,490,000	
Contingency			-		-	
Reserve for equip.			-	-	-	
TOTAL	$1,909,509	$442,289	$2,914,000	$483,692	$3,490,000	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Capital outlay:
FY 18-19 reflects several large projects which includes Major Storm Pipe Rehabilitation Projects ($800K)

Transfers:
No significant change.

FUND: 513 STORM DRAIN	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX STORM DRAIN PROJECTS	PROGRAM MANAGER: DAVID WINSHIP

For a complete narrative of the budget process for Storm Drainage Construction Projects, refer to [redacted]. The listing of projects and the funding sources can be found on [redacted].

The Storm Drainage Program is based on the 1994 Storm Drainage Master Plan, engineering consultant studies of specific streams and watersheds in Beaverton, the Clean Water Services Healthy Streams Plan, 2008 HDR Significant Stormwater Outfalls Report, the city's ongoing maintenance history and television scan (internal inspection) reports, and stormwater system performance observations by Public Works staff during heavy rainfall events. The plans, studies and reports help staff identify the improvements needed to detain and convey a 25-year storm. First hand public works staff observations during heavy rainfall is then used to validate and adjust the designs. The priority for the design and construction of the associated improvements is based on the highest potential to safeguard public and private property from damage due to storm events. Project selection and implementation are vetted to embrace the spirit and direction of the Beaverton Community Vision Action Plan and Council Priorities. A well-functioning and reliable storm drainage system is a key foundational element of several of the items in the Beaverton Community Vision Action Plan and Council Priorities, including:

- *Mayor and City Council Priorities for 2018, Incorporate goals and objectives of the Active Transportation Plan into the City's Capital Improvement Plan, Transportation System Plan, Development Code, and Engineering Design Manual, and Community Action Goal # 99. Improve pedestrian connections in Neighborhoods As a part of creating stormwater ponds and swales, sometimes the required maintenance access path can be built in such a way to provide a neighborhood pedestrian connection. This was recently achieved with CIP project 8104B.*
- *Community Action Goal # 13. Use art, murals, and landscaping to beautify Beaverton, & Community Action Goal # 73, Expand public art and promote murals and sidewalk. As part of the Small Works effort, City staff is pursuing a storm drain catch basin mural project, which will be an artistic community education activity in the Neighbors Southwest NAC near Progress Lake. This effort will provide art along the active transportation routes for all to enjoy.*
- *Community Action Goal # 79. Enhance Stormwater treatment facilities and processes. To this end, Beaverton staff invented the "Beaverton Primary Surface Water Runoff (stormwater) Treatment Vault" and built several functional models; the results of Version 3.x are impressive. This design is now being used on MSTIP projects as well as by the City of Tigard.*
- *Community Action Goal 67-70. Create a vibrant Downtown. To this end, the City of Beaverton is investing in regional public surface water runoff (stormwater) treatment facilities to help promote redevelopment in an area that is targeted for increased density and pedestrian connectivity according to the Central City Strategy of the Civic Plan, including portions of SW Canyon Road and the BURA boundary. A regional facility collects and treats surface water runoff from a large area that could see multiple redevelopment projects and allows them to develop without having to provide on-site treatment. The larger regional facilities provide efficient operations. CIP projects 8119, 8135A, and 8135B are intended to achieve this for their respective watershed areas.*

Storm Drainage projects budgeted for FY 2017-18 and FY 2018-19 are as follows:

Progress on FY 2017-18 Action Plan:

<u>CIP Projects</u>

- 3106 Menlo Drive Sidewalk Project – Design work in progress
- 4118A Settler Way Utility Replacement Phase 1– Design and Construction
- 4118B Settler Way Utility Replacement Phase 2– Design
- 5088A SW Walker Road, Schendel to 173rd Washington County MSTIP – done
- 5090 SW 158th, Jenkins to Walker Road Washington County MSTIP– construction almost done
- 5090(a) SW Jenkins Road, 158th to Murray Blvd Washington County MSTIP– design
- 5092 SW 175th Scholls Ferry Road to Alvord Washington County MSTIP– construction started
- 8098 Dover Area (South) Utility Rehabilitation and Replacement – delayed
- 8101 Storm Drainage Master Plan – delayed
- 8119 141th Ave (Millikan Way to Vernier Driveway) Storm Conveyance Pipe and stormwater outfall to Beaverton Creek Retrofit – design.
- 8122 Major CIPP Storm Pipe Rehabilitation/Replacement Project – delayed
- 8128 Jamieson SWM project, Phase 1b - deleted
- 8130 144th Ave Flood Remediation and Habitat Restoration Project – construction started
- 8132 Small Works– work in progress

FUND:	DEPARTMENT:
513 STORM DRAIN	PUBLIC WORKS
PROGRAM:	**PROGRAM MANAGER:**
3XXX STORM DRAIN PROJECTS	DAVID WINSHIP

FY 2018-19 Action Plan:

CIP Projects

- 3106 Menlo Drive Sidewalk Project – work in progress, may start construction
- 4118B Settler Way Utility Replacement Phase 2– Finish design, construction
- 5088B SW Walker Road, Murray Blvd to 158th Washington County MSTIP - design
- 5088C SW Walker Road, SW173rd to SW 185th Washington County MSTIP - design
- 5089, SW Walker Road and SW Murray Blvd Intersection Washington County MSTIP - design
- 5090(a) SW Jenkins Road, 158th to Murray Blvd Washington County MSTIP– design
- 5092 SW 175th Scholls Ferry Road to Alvord Washington County MSTIP– finish construction
- 8098 Dover Area (South) Utility Rehabilitation and Replacement – design
- 8101 Storm Drainage Master Plan – start work
- 8119 141th Ave (Millikan Way to Vernier Driveway) Storm Conveyance Pipe and stormwater outfall to Beaverton Creek Retrofit – design.
- 8122 Major CIPP Storm Pipe Rehabilitation/Replacement Project – design and construction
- 8130 144th Ave Flood Remediation and Habitat Restoration Project – finish construction
- 8132 Small Works (includes activities such as debris screen replacements, roadway seepage mitigating, storm drain mural project, etc. - work in progress
- 8135A 11750 SW BH Hwy Stormwater Outfall to Beaverton Creek Retrofit – design
- 8135B 4140 SW Watson Ave Stormwater Outfall to Beaverton Creek Retrofit – design

Funding:

Storm drainage improvements are funded by the Storm Drain Fund through utility fees set out in Beaverton code. "Increased-capacity" improvements are financed through Systems Development Charges (SDCs), of which there are three: storm water conveyance, storm water quantity control, and storm water quality control. "Maintenance and replacement" projects are financed by the equivalent to a $2 per month surface water management surcharge to the regular service charge. Surcharge revenue is segregated from other storm drain revenues to be used generally for the purposes of rehabilitation, replacing, renewing and improving the storm drainage system.

Storm drainage improvements for Washington County MSTIP (Major Streets Transportation Improvement Program) projects are largely funded by property taxes collected by Washington County as they are largely needed to make the roadway functional during rainfall events. Upon construction completion, the City is the owner of the stormwater facilities that serve County roads located within the city limits.

City of Beaverton
CIP Financial Plan - STORM DRAIN
FY 2017-18 Estimated

Fund #	Proj #	CIP #	Project Name	Anticipated TOTAL Project Cost	Funding Source: SDC: Conveyance/ Extra Capacity	Stormwater Quantity	Stormwater Quality	Surcharge	Grants, IGA	Funding Total
			Storm Capital Improvement Projects:							
513	3915	8119	141st Ave (Millikan to Vernier) Conveyance Pipe and WQ Retrofit	280,000	30,000					30,000
513	3915	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)	~360,000/yr	18,000					18,000
			Total - 3915 Misc Conveyance/Extra Cap		**48,000**	**-**	**-**	**-**	**-**	**48,000**
513	3916	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)	~360,000/yr		5,000				5,000
			Total - 3916 Storm Quantity Projects		**-**	**5,000**	**-**	**-**	**-**	**5,000**
513	3917	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)	~360,000/yr			2,000			2,000
			Total - 3917 Storm Quality Projects		**-**	**-**	**2,000**	**-**	**-**	**2,000**
513	3950	8098A	Dover Area (South) Utility Rehabilitation and Replacement	500,000				5,000		5,000
513	3950	8098B	Dover Area (North) Utility Rehabilitation and Replacement	500,000				15,000		15,000
513	3950	8122	Major CIPP storm pipe rehab project (annual recurring work item)	15,000,000				2,000		2,000
513	3950	8130	144th Ave Flood Remediation & Habitat Restoration	155,000				22,000		22,000
513	3950	8132	Small Works Projects, Eng. Svcs., Follow-up Creek prj Maintenance work, and In-house OH Charges (*annual recurring work item*)	~360,000/yr				17,000		17,000
513	3950	3519A	Canyon Rd Intersection Improvements (MTIP)	See below				31,000		31,000
513	3950	4118A	Settler Wy Utility Replacements, Phase 1	232869 see below				233,000		233,000
513	3950	4118B	Settler Wy Utility Replacements, Phase 2	See below				9,000		9,000
513	3950	4139	114th Water line --storm pipe move.					39,692		39,692
513	3950	6095	Sellwood Subdivision	See below				55,000		55,000
			Total - 3950 Maintenance & Replacement		**-**	**-**	**-**	**428,692**	**-**	**428,692**
			Totals =>		**48,000**	**5,000**	**2,000**	**428,692**	**-**	**483,692**

City of Beaverton
CIP Financial Plan - STORM DRAIN
FY 2018-19 Recommended

Fund #	Proj #	CIP #	Project Name	Anticipated TOTAL Project Cost	Funding Source: SDC: Conveyance/ Extra Capacity	Stormwater Quantity	Stormwater Quality	Surcharge	Grants, IGA	Funding Total
			Storm Capital Improvement Projects:							
513	3915	8119	141st Ave (Millikan to Vernier) Conveyance Pipe and WQ Retrofit	280,000	220,000					220,000
513	3915	8125	South Cooper Mtn Storm Conveyance		50,000					50,000
513	3915	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)		100,000					100,000
			Total - 3915 Misc Conveyance/Extra Cap		**370,000**	**-**	**-**	**-**	**-**	**370,000**
513	3916	8123	Existing Stormwater Pond capacity expansion at TBD (annual recurring work item)	~30,000/yr		30,000				30,000
513	3916	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)			35,000				35,000
			Total - 3916 Storm Quantity Projects		**-**	**65,000**	**-**	**-**	**-**	**65,000**
513	3917	8023	Attempt to get ROW for Primary Treatment Vaults, WQ Retrofits, Four locations	120,000			75,000			75,000
513	3917	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)				25,000			25,000
			Total - 3917 Storm Quality Projects		**-**	**-**	**100,000**	**-**	**-**	**100,000**
513	3950	3410	Shared Use Path along Denney Rd (King Blvd-Fanno Creek Trailhead) - associated Storm conduit R&R work					74,000		74,000
513	3950	5089	Walker Rd and Murray Bv Intersection MSTIP - potential upgrade opportunity	MSTIP				5,000		5,000
513	3950	5180	130th Ave (Hart Rd to Allen Bv) Street Side Rain Garden in the shape of Traffic Calming.					45,000		45,000
513	3950	8098A	Dover Area (South) Utility Rehabilitation and Replacement	500,000				230,000		230,000
513	3950	8098B	Dover Area (North) Utility Rehabilitation and Replacement	500,000				30,000		30,000
513	3950	8101	Stormwater Master Planning-Via City staff and resources, mostly	400,000				200,000		200,000
513	3950	8122	Major CIPP storm pipe rehab project (annual recurring work item)	15,000,000				810,000		810,000
513	3950	8130	144th Ave Flood Remediation & Habitat Restoration	155,000				108,000		108,000
513	3950	8132	Small Works Projects, Eng. Svcs., and In-house OH Charges (*annual recurring work item*)					190,000		190,000
513	3950	3106A	Menlo Dr (Allen Blvd to Fairmount Dr)					533,000		533,000
513	3950	8135A	11750 SW Bvtn Hillsdale Hwy Stormwater Outfall to Beaverton Creek Retrofit	800,000				150,000		150,000
513	3950	8135B	4140 SW Watson Ave Stormwater Outfall to Beaverton Ck Retrofit	900,000				170,000		170,000
513	3950	4118B	Settler Wy Utility Replacements, Phase 2					255,000		255,000
513	3950	6095	Sellwood Subdivision					155,000		155,000
			Total - 3950 Maintenance & Replacement		**-**	**-**	**-**	**2,955,000**	**-**	**2,955,000**
			Totals =>		**370,000**	**65,000**	**100,000**	**2,955,000**	**-**	**3,490,000**

CAPITAL DEVELOPMENT FUND

- **City Park Fountain Improvements Project**

BP WORKSHEET & JUSTIFICATION

FUND: 301 CAPITAL DEVELOPMENT FUND
DEPT: 03 REVENUE
PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 40 INTERFUND TRANSFERS/LOANS													
411 TRSFRS FROM GENERAL FUND													
			20,494		190,000		199,000	500,000					
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
			20,494		190,000		199,000	500,000					
TOTAL PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS													
			20,494		190,000		199,000	500,000					
TOTAL DEPARTMENT: 03 REVENUE													
	1,156,508		37,548,034		39,231,189		38,908,991	36,208,731		35,508,731			

BP WORKSHEET & JUSTIFICATION

FUND: 301 CAPITAL DEVELOPMENT FUND
DEPT: 03 REVENUE
PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

411 TRSFRS FROM GENERAL FUND
CONSTRUCTION PHASE DELAYED TO FUTURE YEAR.

BP WORKSHEET & JUSTIFICATION

FUND: 301 CAPITAL DEVELOPMENT FUND
DEPT: 70 COMMUNITY DEVELOPMENT DEPT
PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY													
682 CONSTRUCTION													
								450,000					
683 CONST DESIGN & ENGR INSPECTION													
			20,494		190,000		199,000	50,000					
TOTAL CLASS: 15 CAPITAL OUTLAY													
			20,494		190,000		199,000	500,000					
TOTAL PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS													
			20,494		190,000		199,000	500,000					
TOTAL DEPARTMENT: 70 COMMUNITY DEVELOPMENT DEPT													
	913,994		1,315,151		39,231,189		4,504,331	36,208,731		35,508,731			
TOTAL FUND: 301 CAPITAL DEVELOPMENT FUND													
	913,994		1,315,151		39,231,189		4,504,331	36,208,731		35,508,731			

0965

BP WORKSHEET & JUSTIFICATION

FUND: 301 CAPITAL DEVELOPMENT FUND
DEPT: 70 COMMUNITY DEVELOPMENT DEPT
PROGRAM: 3522 CITY PARK FOUNTAIN IMPROVEMENTS

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

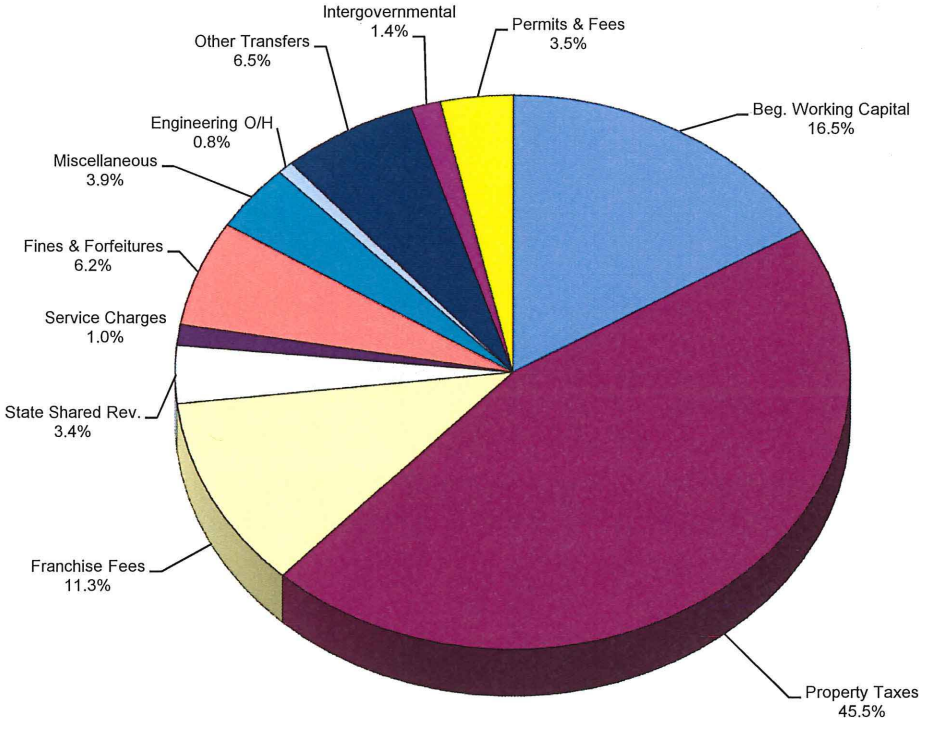
682 CONSTRUCTION
CONSTRUCTION PHASE DELAYED TO FUTURE YEAR.

683 CONST DESIGN & ENGR INSPECTION
DESIGN FOR SAFETY AND OPERATIONAL IMPROVEMENTS

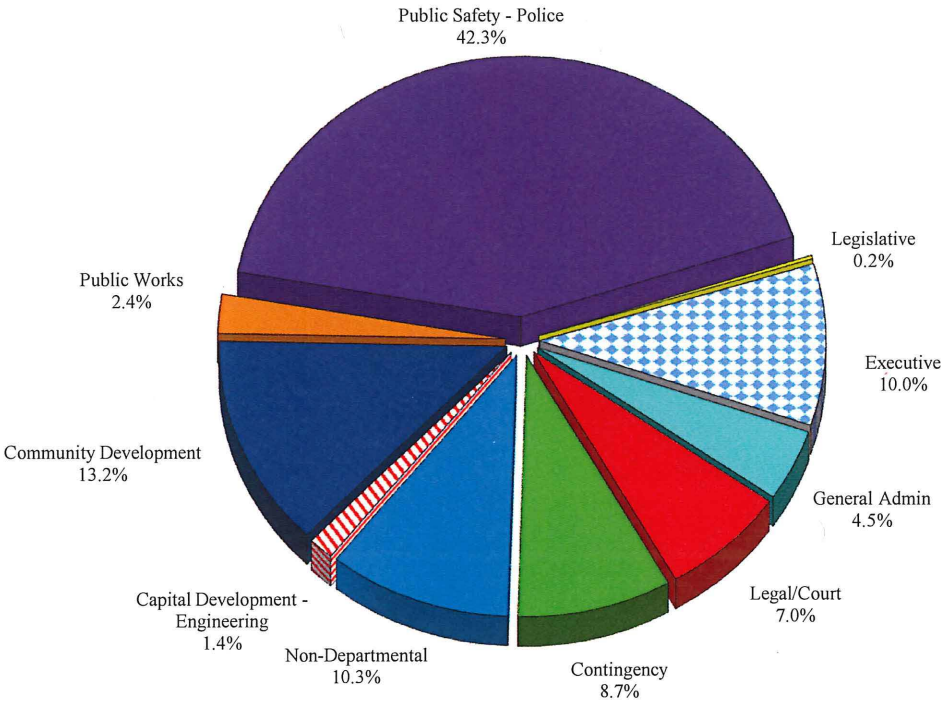
CITY OF BEAVERTON, OREGON

RECOMMENDED GENERAL FUND REVENUES FY 2018-19

BY MAJOR CATEGORY

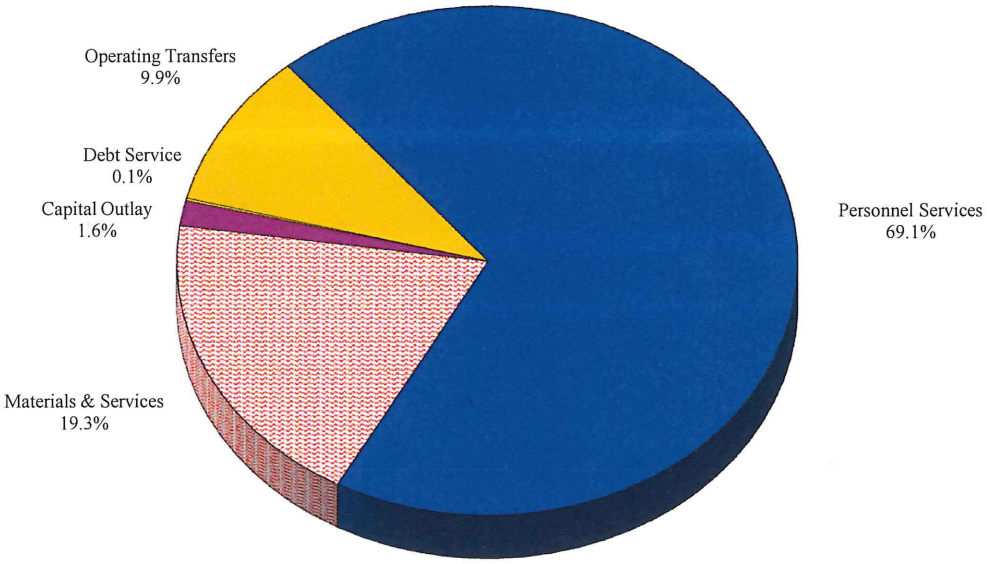


CITY OF BEAVERTON, OREGON
RECOMMENDED GENERAL FUND BUDGET FY 2018-19



General Admin. = Finance and Human Resources. Non-departmental are expenditures in a cost center.

BY EXPENDITURE TYPE



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **General Fund - Summary**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Personnel Services	$41,002,071	$42,820,648	$47,125,907	$44,536,124	$49,897,895	5.88%
Materials and Services	10,526,543	13,647,320	14,017,955	12,921,343	13,870,151	-1.05%
Capital Outlay	528,575	398,668	1,471,045	1,047,361	1,151,535	-21.72%
Debt Service	180,252	170,331	106,692	106,692	106,692	0.00%
Transfers	5,171,156	6,908,037	8,066,600	7,696,787	7,142,236	-11.46%
SUB-TOTAL	$57,408,597	$63,945,004	$70,788,199	$66,308,307	$72,168,509	
Contingency - Franch. Fee			1,899,035		1,994,451	
Contingency			4,928,584		3,766,168	
Reserve - Tree Preservation			127,678		165,878	
Reserve - Police Forfeitures			30,480		47,011	
Contingency - Equip.			837,072		874,858	
TOTAL	$57,408,597	$63,945,004	$78,611,048	$66,308,307	$79,016,875	
FTE's	337.73	344.28	350.83		357.13	

Explanation of item(s) that are significant (10% and greater than $100,000):

Personnel services:
The Recommended Budget includes a net increase of 6.30 full-time equivalent (FTE) positions over FY 2017-18 levels of which one is not funded. The 6.30 FTE net new positions is comprised of 6.70 FTE new positions as follows: 1.0 FTE Government Affairs Manager Position, a net .70 FTE Assistant Finance Director, 1.0 FTE Court Clerk, 3.0 FTE Police Officer Positions, 1.0 FTE Senior Development Project Manager for Affordable Housing; and reflects the transfer of a net .55 FTE positions from the General Fund to other City Operating Funds and a transfer of .15 FTE position from the Community Development Block Grant Fund to the General Fund. The Recommended Budget also includes step increases, COLA increases for BPA, SEIU, and Management as well as a 2.23% increase in retirement reserves contributions (PERS), medical insurance cost increases of 7.5% for the Kaiser Plan, and an 11% increase in MODA plans.

Materials and services:
No Significant Change

Capital outlay:
FY 2018-19 decrease is mainly a result of a reduction in purchasing less replacement vehicles this year comparted to FY 2017-18.

Debt Service:
No Significant Change

Transfers:
FY 2018-19 decrease reflects reduced debt service assistance on the 2017 Public Safety Bond Issue compared to FY 2017-18.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
001 GENERAL FUND REVENUE	FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

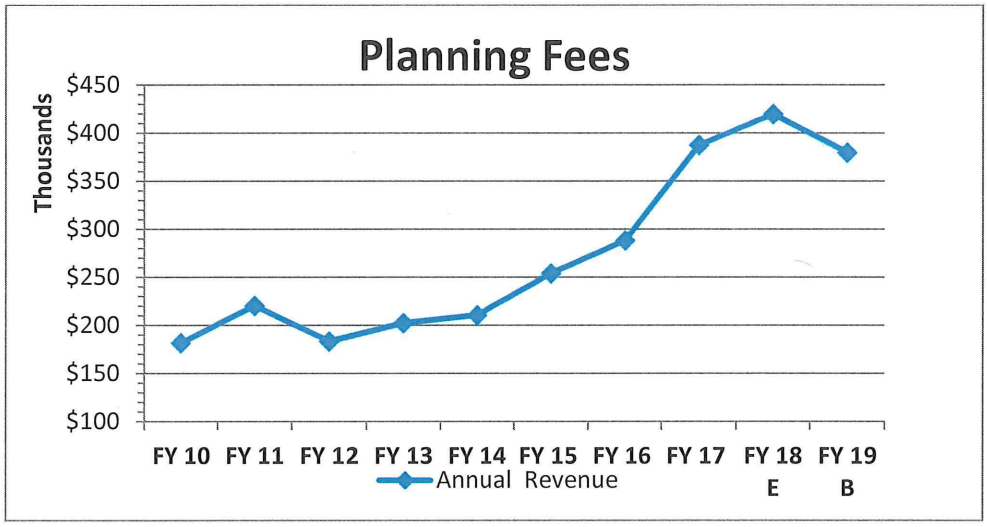
Program Goal:
To ensure timeliness of financial information, to provide sound financial advice on matters relating to fiscal policies, asset management, debt management and treasury management, and to ensure the adequacy of the City's internal accounting and budgetary control. *(Council Goal #2: Maintain the City's long-term financial stability.)*

Trends, Services and Issues:
The General Fund consists of a variety of current revenue sources consisting of seven major categories in the FY 2018-19 budget:

- Property Taxes (54%)
- Right of Way Fees (15%)
- Interfund Transfers (8%)
- Fines and Forfeitures (7%)
- Intergovernmental Assistance (7%)
- Miscellaneous (5%)
- Fees, Charges. Licenses and Permits (4%)

For the past several years, the City Council requested an examination on the potential to diversify revenue especially from non-property tax resources. In FY 2015-16, the % of revenue coming from property taxes was 62%. There is variation in the trends of individual revenue sources but overall General Fund Revenue will increase 2-4-% in each of the coming years. The yield from some of these fees are very dependent on the health of the local economy as development related income dipped considerably during the Great Recession. With the options and alternatives for adjustment, the trend line changes to 3-7% over the next few years. These trends assume no significant change in city boundaries or state statutes which might affect revenue sources. The specific gain depends on the effective date of the change and customer response.

The rates of several types of fees, permits and licenses increased in last year and the staff is recommending the City Council again consider adjustments to more adequately cover the cost of administering the programs associated with other revenue sources. These include alcohol licenses, alarm permits and planning fees. The latter type should see increases due to the expected permit activity from subdivisions in the South Cooper Mountain area and downtown redevelopment also. Property taxes are projected to increase by approximately 3.5% each year. Cooper Mountain area assessed valuation will not increase significantly until FY 2019-20. This is due to delays in construction and the property valuation schedule. While the overall assessed valuation is growing at a faster rate, much of the yield is accruing to the urban renewal district. FY 17-18 values are expressed as estimated and FY 18-19 values reflect the budget.



FUND: 001 GENERAL FUND REVENUE	**DEPARTMENT:** FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

An area of emphasis are Right of Way (ROW) fees where the City Council increased the rate for the electric and natural gas utilities utilizing authority to impose a privilege tax in addition to the franchise fee. These increases generate an additional $1.5 million annually beginning in FY 2015-16. The net amount of franchise or ROW fees is significant as the City routinely transfers a portion of these fees to the Street Fund and an amount is also transferred to the Special Revenue Debt Service Fund until FY 2020-21. The latter is for the purpose of meeting obligations from borrowing funds for the tenant improvements at The Beaverton Building.

The new revenue coming from these privilege tax increases in ROW fees is identified as a specific reserve in the Non-Departmental portion of the General Fund until such time as the City Council develop specific direction for the use of the funds. In recent years, funds were transferred to the Capital Development Fund for sidewalk improvements in a particular neighborhood lacking quality pedestrian connectivity and affordable housing. As the Council continues to identify a "pedestrian focus" as a high priority, similar transfers are likely in the coming years. For FY 18-19 the emphasis is on affordable housing programs.

A new ordinance requiring non-franchised utilities to begin paying a license fee to occupy the right-of-way should generate about $700,000 annually. Much of that additional revenue will come from three water districts that serve portions of the community.

Fines from municipal court activities such as traffic citations are trending downward. Fines from photo radar enforcement of speed limits is increasing.

Revenue from State and Federal agencies are difficult to project so the estimated growth is very conservative. There a few grant applications in the development stage, so federal funds in the coming years will likely be nominal.

As the City Council moves forward with adjustments in the rates of some of these fees and charges there are several considerations as they examine the question of "how do we expand our revenues?"

- How effective and efficient is the task of collecting the revenue?
- Does the fee or charge place an unfair burden on customers who can least afford the fee or charge? Do customers have an opportunity to avoid or reduce their consumption of the service in order to reduce that burden?
- Does the rate cover the cost of providing the service, processing the application or enforcing the program covered by the fee? If not 100%, is there a policy determination to subsidize the cost of service?
- Is this an elastic or inelastic source of revenue in response to inflation? It is volatile and unpredictable with changes in real estate development markets?
- How does the City create an understanding of the "need" to raise revenue among its stakeholders? Are some of these fee adjustments more understandable than others?

Workload Measures:	**FY 2015-16 Actual**	**FY 2016-17 Actual**	**FY 2017-18 Budgeted**	**FY 2018-19 Proposed**
City's Taxable Assessed Valuation (in 000's) - Net of urban renewal	$8,938,055	$9,344,513	$9,652,767	$9,965,442
General Operations Tax Levy Rate Per Thousand of Taxable Assessed Value (tax value)	$4.18	$4.18	$4.17	$4.28
City's Permanent Levy Rate Authority	$4.62	$4.62	$4.62	$4.62
Future Capacity in Tax Levy Authority	$0.44	$0.44	$0.45	$0.34
Future Capacity in Tax Dollars	$3,942,576	$4,062,060	$4,319,613	$3,363,337
General Operations Tax Levy Per Capita	$396	$410	$421	$444
Property Tax - % of General Fund Current Revenue	53.4%	51.8%	53.6%	53.9%

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
001 GENERAL FUND REVENUE	FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

Performance Outcomes and Program Trends:

The City's budget receives the annual Distinguished Budget Presentation award that demonstrates the commitment to provide our citizens a budget document serving as an operations guide and as a financial plan. This discussion of revenue trends is consistent with the best practices recommended to continue to receive such recognition. Staff continue to refine projections of volatile funds or those related to debt service obligations.

The trend in the levy for general operations demonstrates the City's ability to meet citizens' demands for services while maintaining a stable tax burden and providing the ability to levy additional tax resources for future year's operations. The City operates under a state-wide measure that established a permanent levy rate for each public entity that levies property taxes. The City cannot levy more that its permanent rate of $4.62 per thousand of taxable assessed valuation. For FY 2018-19, the City is projecting an operating tax levy rate of $4.28, which is 93% of its maximum permanent levy rate authority. Levying the full permanent rate would produce and additional $3.4 million in property tax revenues. The increased millage rate will be allocated to the General Fund (5¢/1000 assessed valuation), Library Fund (3¢) and Street Lighting Fund 3¢.

The status of short-term interest rates shows improved interest earnings on the investment portfolio. The investment strategy moves to a "laddering" of maturities with investments moving out several years. The staff looks at options that are on the State Treasurer's approved list but more attractive than the benchmark based upon an earnings rate 2.01 % available from the Local Government Investment Pool on a portfolio averaging $90 Million. A change in the Investment Policy in 2014 allows the city to extend the length of maturities toward the five-year mark.

State and Federal revenue sources remain important elements in the City's financial picture. Except for the State's cigarette tax which is not a direct source of the City's revenue, most of the Oregon indicators are positive. City staff actively pursue Federal grants and obtain several each year. Mayor Doyle and members of the city council are active at the state and Federal level advocating on behalf of the community.

The FY 2018-19 budget anticipates improvement in many of the City's various revenue streams across all funds. Revenue sources such as right of way fees, business license fees, hotel and motel taxes, planning and site development permit fees, passport processing fees, county gas tax receipts, building permit fees, and system development fees for streets, water, sewer and storm-water systems exhibit indications of increase. Each respective budget reflects these improved revenue streams. The Building Fund's fees for plan examination and inspections should crest $4.6 million which would be a new record year. During the Great Recesssion, the General Fund provided significant financial support to maintain core staff functions in the Building Fund. Beginning in FY 18-19, a portion of the funds will be transferred back to the General Fund. This will leave the Building Fund with substantial fund balances in excess of its target of 50%.

The department will continue to enhance the financial reporting to the operating departments and monthly monitoring of revenue streams that may be elastic or volatile. Interdepartmental cooperation and communication is one of the highest priorities for this fiscal year as we refine the overhead cost allocation method and the multi-year capital facilities plan. We look forward to the challenges and opportunities ahead.

City of Beaverton - Finance
Budget Preparation - 2019

FUND SUMMARY BY CLASS

FUND: 001 GENERAL FUND

REVENUES BY CLASS

OBJ	2016 - ACTUAL AMOUNT	2017 - ACTUAL AMOUNT	2018 BUDGETED AMOUNT	2018 - YTD ACTUAL	2018 EST AMT	2019 - PROPOSED AMOUNT	2019 - RECOMD AMOUNT	2019 ADOPTED AMOUNT
CLASS: 05 BEGINNING WORKING CAPITAL								
	11,864,460	14,093,113	14,540,399	14,540,400	14,540,399	12,385,231	12,980,791	
CLASS: 10 TAXES								
	40,455,557	42,398,589	43,595,733	40,467,031	44,516,073	45,629,355	46,006,355	
CLASS: 15 INTERGOVERNMENTAL REVENUE								
	3,063,518	2,940,218	4,393,076	2,674,432	4,342,400	3,788,616	3,788,616	
CLASS: 20 PERMITS & FEES								
	1,735,012	2,639,633	2,023,237	1,401,114	1,708,025	2,068,025	2,068,025	
CLASS: 25 SERVICE FEES								
	1,191,489	1,084,609	1,124,735	772,891	1,011,617	960,290	960,290	
CLASS: 30 FINES & FORFEITURES								
	4,930,106	4,841,550	4,876,216	3,612,180	4,864,116	4,864,116	4,864,116	
CLASS: 35 MISCELLANEOUS REVENUES								
	4,136,530	5,072,736	3,129,703	2,375,307	3,390,726	3,181,178	3,201,178	
CLASS: 40 INTERFUND TRANSFERS/LOANS								
	4,125,023	5,414,944	4,927,949	4,119,524	4,915,742	4,886,392	5,147,504	
TOTAL: 001 GENERAL FUND REVENUES								
	71,501,695	78,485,392	78,611,048	69,962,879	79,289,098	77,763,203	79,016,875	

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City of Beaverton - Finance
Budget Preparation - 2019

FUND SUMMARY BY CLASS

FUND: 001 GENERAL FUND

EXPENDITURES BY CLASS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 - YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACTUAL	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 PERSONNEL SERVICES														
	41,002,071	337.73	42,820,648	344.28	47,125,907	350.83	35,152,938	44,536,124	49,394,385	355.43	49,897,895	357.13		
CLASS: 10 MATERIALS & SERVICES														
	10,526,543		13,647,320		14,017,955		10,675,773	12,921,343	15,060,689		13,870,151			
CLASS: 15 CAPITAL OUTLAY														
	528,575		398,668		1,471,045		1,192,491	1,047,361	1,107,235		1,151,535			
CLASS: 20 DEBT SERVICE														
	180,252		170,331		106,692		88,910	106,692	106,692		106,692			
CLASS: 25 TRANSFERS														
	5,171,156		6,908,037		8,066,600		5,284,726	7,696,787	7,650,005		7,142,236			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					7,822,849				4,444,197		6,848,366			
TOTAL: 001 GENERAL FUND EXPENDITURES														
	57,408,597	337.73	63,945,004	344.28	78,611,048	350.83	52,394,838	66,308,307	77,763,203	355.43	79,016,875	357.13		

0974

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	11,864,460		14,093,113		14,540,399		14,540,399	12,385,231		12,980,791			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	11,864,460		14,093,113		14,540,399		14,540,399	12,385,231		12,980,791			
CLASS: 10 TAXES													
302 CITY 3% MARIJUANA SALES TAX													
			72,821		351,000		476,000	476,000		476,000			
304 ROW FEE - TELECOM SERVICES													
	163,297		271,611		164,000		550,000	550,000		550,000			
305 ROW FEE - CITY UTILITIES													
	2,101,526		2,142,494										
306 INTEREST ON DELINQUENT TAXES													
	7,504		13,802		10,000		20,000	15,000		15,000			
308 ROW FEE - CABLE TV (MACC)													
	1,088,251		944,104		925,000		950,000	950,000		950,000			
310 ROW FEE TO OTHER FUNDS													
	-1,684,060		-1,684,060		-1,684,060		-1,684,060	-1,684,060		-1,384,060			
311 PROPERTY TAXES - CURRENT YEAR													
	31,872,776		33,361,338		34,341,938		34,520,516	35,638,480		35,638,480			
312 PROPERTY TAXES - PRIOR YEARS													
	356,343		349,425		300,000		300,000	300,000		300,000			
313 BUSINESS LICENSE TAXES													
	638,571		674,588		640,000		670,000	670,000		670,000			
314 ROW FEE - PGE BASE 3.5%													
	2,760,505		2,619,872		2,795,000		2,742,135	2,700,000		2,742,000			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

302 CITY 3% MARIJUANA SALES TAX

304 ROW FEE - TELECOM SERVICES

TELECOM FRANCHISE FEES BASED ON FLAT ANNUAL PAYMENT OR AS A PERCENTAGE OF GROSS REVENUES

305 ROW FEE - CITY UTILITIES

BEGINNING FY2017-18 THIS REVENUE STREAM IS ACCOUNTED FOR IN FIVE SEPARATE REVENUE ACCOUNTS NUMBERS 507, 508, 509, 510, AND 511

306 INTEREST ON DELINQUENT TAXES

CITY'S PORTION OF INTEREST ON DELINQUENT PRIOR YEAR PROPERTY TAXES RECEIVED THROUGH WASHINGTON COUNTY

308 ROW FEE - CABLE TV (MACC)

CABLE TV FRANCHISE TAX IS DISTRIBUTED BY THE METROPOLITAN AREA COMMUNICATIONS COMMISSION (MACC) AND IS BASED ON 5% OF GROSS REVENUES FROM COMCAST, FRONTIER AND CENTURY LINK

310 ROW FEE TO OTHER FUNDS

THIS ACCOUNT WAS ESTABLISHED TO REFLECT THE TRANSFER OF A PORTION OF RIGHT OF WAY FEES TO THE STREET FUND TO ASSIST WITH THE STREET OVERLAY PROGRAM -$300,000
THIS ACCOUNT ALSO TRANSFERS FRANCHISE FEE REVENUES FROM THE GENERAL FUND TO THE SPECIAL REVENUE BOND DEBT SERVICE FUND FOR THE MONTHLY PRINCIPAL AND INTEREST ON THE BOND TO REMODEL THE SOUTH OFFICE BUILDING -$1,084,060
THIS DEBT WILL BE PAID OFF IN FY 2020-21 WITH A FINAL PAYMENT OF $361,354

311 PROPERTY TAXES - CURRENT YEAR

ASSESSED PROPERTY TAXES RECEIVED THROUGH WASHINGTON COUNTY. $4.618 IS THE CITY'S MAXIMUM TAX RATE PER $1,000 OF ASSESSED VALUATION. TAX RATES ARE:
FY 16 $3.72 GENERAL FUND, $0.33 LIBRARY FUND, $0.13 STREET LIGHTING FUND; TOTALING $4.18 WITH VOTER APPROVED DEBT OF $0.20 GIVES A TOTAL TAX RATE OF $4.38.
FY 17 $3.7272 GENERAL FUND, $0.3314 LIBRARY FUND, $0.1247 STREET LIGHTING FUND; TOTALING $4.1833 WITH VOTER APPROVED DEBT OF $0.1915 GIVES A TOTAL TAX RATE OF $4.3748
FY 18 $3.7144 GENERAL FUND, $0.3314 LIBRARY FUND, $0.1247 STREET LIGHTING FUND; TOTALING $4.1705 WITH VOTER APPROVED DEBT OF $0.2053 GIVES A TOTAL TAX RATE OF $4.3758
FY 19 $3.7644 GENERAL FUND, $0.3614 LIBRARY FUND, $0.1547 STREET LIGHTING FUND; TOTALING $4.2805 WITH VOTER APPROVED DEBT OF $0.2053 GIVES A TOTAL TAX RATE OF $4.4858
FY 19 REFLECTS A 5 CENT INCREASE TO FUND 3 NEW POLICE OFFICER POSITIONS, A 3 CENT INCREASE FOR LIBRARY OPERATIONS AND A 3 CENT INCREASE TO FUND LED STREET LIGHT REPLACEMENTS

312 PROPERTY TAXES - PRIOR YEARS

CITY'S PORTION OF PAYMENT OF DELINQUENT PRIOR YEARS PROPERTY TAXES RECEIVED THROUGH WASHINGTON COUNTY

313 BUSINESS LICENSE TAXES

LICENSE FEES BASED UPON BASE FEE OF $75 FOR 4 EMPLOYEES AND $8.50 PER EMPLOYEE FOR EACH EMPLOYEE OVER 4. FY 2014-15 AND PRIOR YEARS THE BASE FEE WAS $50

314 ROW FEE - PGE BASE 3.5%

BASE ELECTRICITY RIGHT OF WAY FEE IS BASED ON 3.5% OF GROSS REVENUES.
THE BASE 3.5% IS ACCOUNTED FOR IN THIS ACCOUNT; THE 1.5% PRIVILEGE FEE IS ACCOUNTED FOR IN ACCOUNT 504

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
315	ROW FEE - NWNG BASE 3.0%												
	634,718		713,305		648,000		691,900	691,900		691,900			
316	ROW FEE - FRONTIER												
	99,801		89,625		85,000		80,000	70,000		70,000			
317	ROW FEE - CENTURY LINK												
	8,910		8,792		7,800		7,300	7,000		7,000			
318	ROW FEE - GARBAGE HAULERS												
	859,415		892,983		862,000		913,000	915,000		950,000			
319	ROW FEE - OTHER UTILITIES												
			81,376		100,000		115,000	115,000		115,000			
503	ROW FEE - OTHER WATER DISTRICTS												
			209,721		300,000		377,000	380,000		380,000			
504	ROW FEE - PGE PRIVILEGE 1.5%												
	1,124,855		1,161,255		1,125,000		1,160,000	1,160,000		1,160,000			
505	ROW FEE - NWNG PRIVILEGE 2.0%												
	423,145		475,537		432,000		456,000	450,000		450,000			
507	ROW FEE - CWS, SEWER												
					987,905		987,905	1,000,000		1,000,000			
508	ROW FEE - CWS, SWM												
					73,662		69,000	79,000		79,000			
509	ROW FEE - COB, SEWER												
					202,342		202,342	210,000		210,000			
510	ROW FEE - COB, SWM												
					277,111		260,000	284,000		284,000			
511	ROW FEE - COB, WATER												
					652,035		652,035	652,035		652,035			
TOTAL CLASS: 10 TAXES													
	40,455,557		42,398,589		43,595,733		44,516,073	45,629,355		46,006,355			
CLASS: 15 INTERGOVERNMENTAL REVENUE													
322	STATE REVENUE SHARING												
					997,000		1,025,000	1,025,000		1,025,000			
324	STATE LIQUOR TAX												
	1,349,223		1,455,656		1,370,000		1,513,000	1,513,000		1,513,000			
325	STATE CIGARETTE TAX												
	123,746		120,417		120,000		120,000	120,000		120,000			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
315	ROW FEE - NWNG BASE 3.0% NATURAL GAS FRANCHISE FEES BASED ON 3% OF GROSS REVENUES. THE BASE 3% IS ACCOUNTED FOR IN THIS ACCOUNT; THE 2.0% PRIVILEGE FEE IS ACCOUNTED FOR IN ACCOUNT 505
316	ROW FEE - FRONTIER TELEPHONE RIGHT OF WAY FEES BASED ON 4.03% OF GROSS REVENUES.
317	ROW FEE - CENTURY LINK TELEPHONE RIGHT OF WAY FEES BASED ON 4.03% OF GROSS REVENUES,
318	ROW FEE - GARBAGE HAULERS GARBAGE HAULERS RIGHT OF WAY FEES BASED ON 4% OF RESIDENTIAL COLLECTION REVENUE AND 5.5% OF COMMERCIAL COLLECTION REVENUE.
319	ROW FEE - OTHER UTILITIES 5% RIGHT OF WAY FEE FROM MISCELLANIOUS UTILITIES OPERATING WITHIN THE CITY'S RIGHT-OF-WAY UNDER THE NEW ORDINANCE EFFECTIVE 10/1/2016
503	ROW FEE - OTHER WATER DISTRICTS 5% RIGHT OF WAY FEE FOR OPERATING WITHIN THE CITY'S RIGHT-OF-WAYS EFFECTIVE 10/1/2016 WATER SERVICE PROVIDERS: TUALATIN VALLEY WATER DISTRICT WEST SLOPE WATER DISTRICT RALEIGH WATER DISTRICT
504	ROW FEE - PGE PRIVILEGE 1.5% 1.5% PRIVILEGE RIGHT OF WAY FEE ON PGE'S ELECTRICY SALES
505	ROW FEE - NWNG PRIVILEGE 2.0% 2.0% PRIVILEGE RIGHT OF WAY FEE ON NW NATURAL'S GAS SALES
507	ROW FEE - CWS, SEWER 5% RIGHT OF WAY FEE ON CLEAN WATER SERVICES' CHARGES FOR DISTRICT-WIDE SEWER SERVICES
508	ROW FEE - CWS, SWM 5% RIGHT OF WAY FEE ON CLEAN WATER SERVICES' CHARGES FOR DISTRICT-WIDE SURFACE WATER MANAGEMENT REVENUES
509	ROW FEE - COB, SEWER 5% RIGHT OF WAY FEE ON THE CITY'S CHARGES FOR LOCAL SEWER SERVICE REVENUES AND ON THE $2 SURCHARGE REVENUES
510	ROW FEE - COB, SWM 5% RIGHT OF WAY FEE ON THE CITY'S CHARGES FOR LOCAL SURFACE WATER MANAGEMENT REVENUES AND ON THE $2 SURCHARGE REVENUES
511	ROW FEE - COB, WATER 5% RIGHT OF WAY FEE ON THE CITY'S CHARGES FOR WATER SERVICES
322	STATE REVENUE SHARING PER CAPITA DISTRBUTION BASED ON POPULATION AND CENSUS TRACT DATA. FUNDED BY STATE LIQUOR TAXES FROM THE 12% DISTRIBUTION POOL. BEGINNING IN FY2017-18 THE STATE REVENUE SHARING IS RECORDED IN THE GENERAL FUND. IN PRIOR YEARS THIS REVENUE WAS ACCOUNTED FOR IN A SEPARTE FUND (FUND 103 STATE REVENUE SHARING FUND)
324	STATE LIQUOR TAX PER CAPITA DISTRIBUTION BASED UPON POPULATION: FUNDED BY STATE LIQUOR TAXES FROM THE 20% DISTRIBUTION POOL
325	STATE CIGARETTE TAX PER CAPITA DISTRIBUTION BASED UPON POPULATION:

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
326	COUNTY 2.5% LODGING TAX												
	778,024												
327	GRANTS - FEDERAL												
	443,656		626,605		559,755		326,302	252,427		252,427			
328	GRANTS - STATE												
	94,827		79,827		33,000		33,000	33,000		33,000			
329	OTHER INTERGOVERNMENTAL REV												
	144,196				150,000		150,000						
553	GRANTS - EPA BROWNFIELDS ASSMT												
	115,492		60,303		138,626		118,626						
554	GRANTS - STATE CJC B-SOBR												
			171,236		160,420		93,943	95,189		95,189			
555	GRANTS - FEDERAL SAMHSA-SOBR												
	6,734		133,875		108,250		65,000	50,000		50,000			
557	DUII BLOOD DRAW GRANT FED												
	7,620		6,870		14,400		7,800	8,000		8,000			
558	SCHOOL DIST POLICE SRO REIMB												
			108,671		113,000		113,000	113,000		113,000			
559	METRO RECYCLE/WASTE REDUCTION GRANTS												
			176,758		176,750		185,929	187,000		187,000			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
326	COUNTY 2.5% LODGING TAX PERCENTAGE DISTRIBUTION FROM COUNTY OF 9% TRANSIENT TAX, THE CITY RECEIVES 27.77% OF THE TAX REVENUE COLLECTED OR 2.5% OF THE 9% TAX BEGINNING FY16-17, THE REVENUE IS TRANSFERED TO THE NEW LODGING TAX (TLT) FUND.
327	GRANTS - FEDERAL FY 17-18 ODOT DUII COURT GRANT IS ACCOUNTED FOR IN OBJECT 564 EMERGENCY MANAGEMENT PERFORMANCE GRANT $97,181 URBAN AREA SECURITY INITIATIVE GRANT $27,712 FEMA NATIONAL PREPAREDNESS DIRECTORATE GRANT $1,800 BULLETPROOF VEST PARTNERSHIP PROGRAN GRANT $8,625 COMMUNITY ORIENTED POLICING (COP) $41,667 ODOT CONSTRUCTION ZONE GRANT $27,506 ODOT SAFETY BELT GRANT $40,000 ODOT DUII HVE OT GRANT $61,791 ODOT PED SAFETY GRANT $5,044 2016 STATE HOMELAND SECURITY GRANT $5,440 2016 STATE HOMELAND SECURITY CERT GRANT $9,536 FY 18-19 EMERGENCY MANAGEMENT PERFORMANCE GRANT $97,000 COMMUNITY ORIENTED POLICING (COP) $41,667 ODOT SAFETY BELT GRANT $40,000 ODOT DUII HVE OVERTIME GRANT $60,000 BULLETPROOF VEST PARTNERSHIP PROGRAN GRANT $8,000 ODOT PEDESTRIAN SAFETY OT GRANT $5,760
328	GRANTS - STATE ANNUAL DISPUTE RESOLUTION GRANT FY 2015-16 REFLECTS RECEIPT OF A $60,000 BROWNFIELDS GRANT ON THE 1ST AND ANGEL PROPERTY
329	OTHER INTERGOVERNMENTAL REV ALL METRO RECYCLE GRANTS ARE TRANSFERRED TO A SEPARATE REVENUE ACCOUNT 559 FY 2017-18 METRO 2040 PLANNING AND DEVELOPMENT GRANT FOR DOWNTOWN DESIGN PROJECT $150,000
553	GRANTS - EPA BROWNFIELDS ASSMT EPA FEDERAL BROWNFIELDS ASSESSMENT GRANT. THE TOTAL GRANT AWARD IS $400,000 THE GRANT EXPENDITURES ARE ACCOUNTED FOR IN PROGRAM 0654, OBJECT CODE 414.
554	GRANTS - STATE CJC B-SOBR NEW $288,750 STATE GRANT AWARDED IN FY 2014-15 THROUGH THE STATE OF OREGON'S CRIMINAL JUSTICE COMMIISION COVERING TWO FISCAL YEARS - FY 2014-15 ADN FY2015-16 2ND GRANT AWARDED FOR TWO ADDTIONAL FISCAL YEARS FY 2017-18 AND FY 2018-19
555	GRANTS - FEDERAL SAMHSA-SOBR NEW $324,750 FEDERAL GRANT AWARDED IN FY2014-15 THROUGH SAMSHA TREATMENT DRUG COURTS COVERING THREE FEDERAL FISCAL YEAR'S (EACH YEAR IS AWARDED $108,250): 10/1/2015 TO 9/30/2016; 10/1/2016 TO 9/30/2018; AND 10/1/2017 TO 9/30/2018
557	DUII BLOOD DRAW GRANT FED
558	SCHOOL DIST POLICE SRO REIMB EFFECTIVE FY 16-17 THE SCHOOL DISTRICT WILL FUND APPROXIMATELY 80% OF THE NEW SCHOOL RESOURCE OFFICE AT THE NEW SOUTH COOPER MOUNTAIN HIGH SCHOOL
559	METRO RECYCLE/WASTE REDUCTION GRANTS FY 2017-18: TARGETED BUSINESS SECTOR COMMERCIAL ORGANICS OUTREACH $80,000 ANNUAL WASTE REDUCTION SERVICE GRANT $49,093 RECYCLE AT WORK MAINTENANCE $56,836 FY 2018-19: TARGETED BUSINESS SECTOR COMMERCIAL ORGANICS OUTREACH $80,000 ANNUAL WASTE REDUCTION SERVICE GRANT $50,000 RECYCLE AT WORK MAINTENANCE $57,000

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
563	STATE MARIJUANA SALES TAX												
					451,875		490,800	292,000		292,000			
564	FED GRANTS - DUII COURT												
							100,000	100,000		100,000			
TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE													
	3,063,518		2,940,218		4,393,076		4,342,400	3,788,616		3,788,616			
CLASS: 20 PERMITS & FEES													
331	PLANNING DEV. REV & ANNEX FEES												
	288,471		387,911		380,312		420,000	380,000		380,000			
337	SITE DEVEL PERMIT FEES												
	1,360,542		2,163,767		1,550,000		1,200,000	1,600,000		1,600,000			
339	PARKING PERMITS												
	1,200		1,620		1,500		1,600	1,600		1,600			
340	MARIJUANA FACILITY LICENSE												
	375		650		425		425	425		425			
342	ALARM SYSTEM PERMITS												
	73,954		75,330		80,000		75,000	75,000		75,000			
359	CITY LIQUOR LICENSES												
	10,470		10,355		11,000		11,000	11,000		11,000			
TOTAL CLASS: 20 PERMITS & FEES													
	1,735,012		2,639,633		2,023,237		1,708,025	2,068,025		2,068,025			
CLASS: 25 SERVICE FEES													
360	HVAC & DOMESTIC HOT WTR SALES												
	1,032,966		931,304		962,502		849,611	793,875		793,875			
365	FACILITY MANAGEMENT FEES												
	158,523		153,305		162,233		162,006	166,415		166,415			
TOTAL CLASS: 25 SERVICE FEES													
	1,191,489		1,084,609		1,124,735		1,011,617	960,290		960,290			
CLASS: 30 FINES & FORFEITURES													
370	STATE VICTIMS ASSISTANCE REV.												
	34,938		35,216		35,216		35,216	35,216		35,216			
371	COURT FINES AND FORFEITURES												
	2,725,548		2,567,227		2,534,000		2,550,000	2,550,000		2,550,000			
373	PARKING FINES												
	29,596		18,796		21,000		18,900	18,900		18,900			
374	PHOTO RADAR COURT FINES												
	801,542		814,854		841,000		860,000	860,000		860,000			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
563	STATE MARIJUANA SALES TAX CITY'S DISTRIBUTION OF THE STATE-WIDE MARIJUANA TAX REVENUES
564	FED GRANTS - DUII COURT BEGINNING FY 2018-19 THIS IS A NEW ACCOUNT TO RECORD THE ANNUAL GRANT FROM THE OREGON DEPARTMENT OF REVENUE FOR THE B-SOBR COURT PROGRAM. THIS GRANT HAS BEEN AWARDED TO THE CITY SINCE OCTOBER 2011 AND IS EXPECTED TO CONTINUE FOR THE FORESEEABLE FUTURE.
331	PLANNING DEV. REV & ANNEX FEES FEES CHARGED FOR PLANNING SERVICES BASED UPON FEES SCHEDULE SET BY CITY COUNCIL RESOLUTION.
337	SITE DEVEL PERMIT FEES SITE DEVELOPMENT PERMIT FEES
339	PARKING PERMITS PARKING PERMITS FOR THE 3 CITY OWNED LOTS AND 5 DOWNTOWN STREETS @ $30 PER QUARTER PER PERMIT FOR EMPLOYEES OF BUSINESS LOCATED IN THE PARKING DISTRICT AREAS. THE PERMITS ARE FREE TO RESIDENTS LIVING IN THE PARKING DISTRICT.
340	MARIJUANA FACILITY LICENSE 6 FACILITY LICENSES
342	ALARM SYSTEM PERMITS ALARM PERMITS FEES BASED ON $10 PER RESIDENTIAL AND $15 PER COMMERCIAL PERMIT
359	CITY LIQUOR LICENSES LIQUOR PERMIT FEES BASED ON $35 FOR RENEWAL OF EXISTING PERMIT, $75 FOR CHANGE OF OWNERSHIP, AND $100 FOR NEW PERMIT
360	HVAC & DOMESTIC HOT WTR SALES SPACE CONDITIONING AND DOMESTIC HOT WATER FOR THE BEAVERTON CENTRAL PLANT. FY 2017-18 ESTIMATED AND FY 2018-19 PROPOSED REFLECT THE REDUCTION OF HEATING AND COOLING RATES TO THE BEAVERTON BUILDING TO REFLECT THE REBATE NEGOTIATED ON THE OTHER. COMMERCIAL PROPERTIES.
365	FACILITY MANAGEMENT FEES FACILITY MANAGEMENT FOR THE BEAVERTON CENTRAL PLANT.
370	STATE VICTIMS ASSISTANCE REV. VICTIM ASSISTANCE FUNDS PROVIDED THROUGH THE STATE OF OREGON AS A PART OF THE UNITARY ASSESSMENT PAID TO THE STATE THROUGH THE FINES COLLECTED BY THE CITY'S MUNICIPAL COURT
371	COURT FINES AND FORFEITURES FINE REVENUE COLLECTED THROUGH THE MUNICIPAL COURT'S OPERATIONS
373	PARKING FINES PARKING FINES BASED ON $10 PER PARKING VIOLATION.
374	PHOTO RADAR COURT FINES CITATION REVENUE FROM PHOTO RADAR PROGRAM (2 VANS IN OPERATION)

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
375	PHOTO RED LIGHT COURT FINES												
	1,338,482		1,405,457		1,445,000		1,400,000	1,400,000		1,400,000			
TOTAL CLASS: 30 FINES & FORFEITURES													
	4,930,106		4,841,550		4,876,216		4,864,116	4,864,116		4,864,116			
CLASS: 35 MISCELLANEOUS REVENUES													
380	LIEN SEARCHES												
	63,675		52,950		63,000		52,000	52,000		52,000			
381	RENTAL OF CITY PROPERTY												
	5,590		7,435		2,000		18,000	18,000		18,000			
382	SALE OF CITY PROPERTY												
	20,371		1,822,213		5,000		100,000						
384	INVESTMENT INTEREST EARNINGS												
	119,123		184,645		244,200		371,600	481,000		481,000			
388	PASSPORT EXECUTION FEE												
	130,968		156,560		140,000		175,000	210,000		230,000			
389	MISCELLANEOUS REVENUES												
	107,718		141,811		151,000		156,531	140,000		140,000			
390	CONTRIBUTIONS AND DONATIONS												
	14,830		2,813		5,000		5,000	5,000		5,000			
391	REIMBURSEMENTS FROM TRI MET												
	610,680		570,121		631,343		550,000	550,000		550,000			
396	FEDERAL FORFEITURE REVENUES												
	1,744		51,091		25,893		118,414	10,000		10,000			
398	SRVS PROVIDED TO OTHER FUNDS												
	885,750		647,453		557,037		557,037	600,000		600,000			
399	REIMBURSEMENTS - OTHER												
	156,147		246,854		100,000		180,000	100,000		100,000			
751	E-SUITES RENTAL INCOME-3RD FLR												
	563,498		558,234		575,000		553,920	553,920		553,920			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
375	PHOTO RED LIGHT COURT FINES CITATION REVENUE FROM RED LIGHT PROGRAM AT 4 INTERSECTIONS WHICH MONITORS IN TOTAL 8 STRAIGHT THROUGH LANES, 8 RIGHT TURN LANES, AND 2 LEFT TURN LANES.
380	LIEN SEARCHES LIEN SEARCH FEE $25.
381	RENTAL OF CITY PROPERTY COMMUNITY CENTER RENTAL FEES
382	SALE OF CITY PROPERTY PROCEEDS FROM THE SALE OF CITY PROPERTY AND EQUIPMENT FY 2016-17 ESTIMATE REFLECTS THE REIMBURSEMENT FROM BURA FOR THE CITY'S BUY OUT OF METRO'S 4/9THS INTEREST IN THE WESTGATE PROPERTY APPRAISED AT $1,800,000 FY 2017-18 REFLECTS THE SALE OF THE ASPEN PARK PROPERTY ON 155TH AVENUE TO THE TUALATIN PARK AND RECREATION DISTRICT FOR $90,000
384	INVESTMENT INTEREST EARNINGS INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES: FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50% FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55% FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10% FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%
388	PASSPORT EXECUTION FEE PROCESSING AGENCY FEE FOR PASSPORT PROCESSING AS SET BY THE US DEPARTMENT OF STATE. THE PROCESSING FEE IS $25 PER APPLICATION. BEGINNING APRIL 1, 2018, THE US DEPARTMENT OF STATE HAS INCREASED THE PROCESSING FEE TO $40 PER APPLICATION.
389	MISCELLANEOUS REVENUES MISCELLANEOUS FEES: BUSINESS LISTS, JURY FEES, COPY FEES, NSF FEES, REIMBURSEMENTS BEGINNING FY 2015-16 POLICE RECORD COPY FEES ARE ACCOUNTED FOR IN A SEPARATE ACCOUNT 758
390	CONTRIBUTIONS AND DONATIONS MISCELLANEOUS DONATIONS RECEIVED DURING THE YEAR
391	REIMBURSEMENTS FROM TRI MET REIMBURSEMENT FROM TRI MET FOR SALARY AND FRINGE BENEFITS FOR FOUR (4) POLICE OFFICERS ASSIGNED TO LIGHT RAIL PLUS CELL PHONE EXPENSE.
396	FEDERAL FORFEITURE REVENUES
398	SRVS PROVIDED TO OTHER FUNDS REVENUE FROM SERVICES PROVIDED TO CAPITAL PROJECTS FOR PROJECT ENGINEERING AND SITE DEVELOPMENT INSPECTIONS.
399	REIMBURSEMENTS - OTHER POLICE DUII/SAFE BELT ENFORCEMENT OT REIMBURSEMENTS FROM OR ASSOCIATION OF POLICE - $58,000 FY 2016-17 REFLECTS A ONE TIME $82,210 REFUND FROM WASTE MANAGEMENT FOR OVERBILLING CITY STREET AND PARK GARBAGE CAN PICK UP FROM 2013 THROUGH 2016 FY 2017-18 REFLECTS A RECEIPT OF PROGRAM INCOME FOR THE EECBG GRANT FROM UNLIMITED CHOICES. THE FUNDS WILL BE USED FOR ENERGY EFFICIENCY EXPENSE IN FY 18-19. (001-10-0656-334)
751	E-SUITES RENTAL INCOME-3RD FLR RENTAL INCOME FROM THE 3RD FLOOR E-SUITES AT THE ROUND CITY HALL BUILDING $553,920

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
752	BVTN BLDG RENT INCOME FLRS 1&2												
	451,915		361,399		351,911		334,633	361,258		361,258			
753	ENERGY EFFICIENCY REBATES												
			346										
754	FORECLOSURE MEDIATION SVC FEE												
	49,080		33,480		30,000		30,000	30,000		30,000			
755	SPONSORSHIP REVENUES												
							3,500						
756	PERS RSRV DISTRIB-NON GAAP REV												
	664,858												
757	MED/LIFE INS PREM REFUND DISTRIBUTION												
	215,878		166,612		166,188		102,955						
758	POLICE PUBLIC RECORDS RECEIPTS												
	74,705		65,587		70,000		70,000	70,000		70,000			
759	BAC GRANTS AND DONATIONS												
			3,070				5						
760	BAC MEMBERSHIP FEE & OTHER REV												
			62										
762	POLICE RESERVE OFCR REIMB												
					12,131		12,131						
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	4,136,530		5,072,736		3,129,703		3,390,726	3,181,178		3,201,178			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
412	TRSFRS FROM STREET FUND												
	1,195,525		1,308,064		1,487,171		1,487,171	1,485,093		1,485,093			
414	TRSFRS FROM STATE REV. SHG. FD												
	251,994		1,299,915										
417	TRSFRS FROM ASSESSMENT FUND #1												
	61,863				1,300		1,300	1,300		1,300			
419	TRSFRS FROM WATER FUND												
	360,406		356,391		493,587		493,587	548,392		548,392			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
752	BVTN BLDG RENT INCOME FLRS 1&2
	RENTAL INCOME FROM TENANTS ON THE 2ND FLOOR AT THE BEAVERTON BUILDING: CENTRAL PLANT SPACE LEASE $73,260 ATKINS FAITHFUL AND GOULD $59,216 CONGRESSWOMAN BONAMICI $61,272 WASHINGTON COUNTY VISITORS ASSN $81,378 I-BRIDGE LLC (RENEGOTIATED LEASE REDUCED SPACE EFFECTIVE 9/1/2016) LEASE ENDED DECEMBER 2017 AND RELOCATED TO THE E-SUITES. THE SPACE WAS RE-LEASED TO RFPIO RFPIO $57,744 PROFESSIONAL THERAPEUTIC LEASE $28,388
753	ENERGY EFFICIENCY REBATES
754	FORECLOSURE MEDIATION SVC FEE
	FORECLOSURE MEDIATION SERVICE FEES
755	SPONSORSHIP REVENUES
756	PERS RSRV DISTRIB-NON GAAP REV
	RETIREMENT RESERVE $1 MILLION DISTRIBUTION TO OPERATING FUNDS FY 15-16
757	MED/LIFE INS PREM REFUND DISTRIBUTION
	MODA MEDICAL INSURANCE PREMIUM EXPERIENCE REBATE DISTIBUTION TO OPERATING FUNDS
758	POLICE PUBLIC RECORDS RECEIPTS
	CHARGES FOR PRODUCING POLICE RECORD DOCUMENTS
759	BAC GRANTS AND DONATIONS
760	BAC MEMBERSHIP FEE & OTHER REV
762	POLICE RESERVE OFCR REIMB
	FY 2017-18 REFLECTS BEAVERTON POLICE RESERVE ACCOUNT CLOSE OF REMAINING BALANCE
412	TRSFRS FROM STREET FUND
	OVERHEAD COST ALLOCATION ACCOUNTING BUILDING MAINTENANCE LANDSCAPE BEAVERTON BUILDING OPERATING EXPENSE ALLOCATION BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION
414	TRSFRS FROM STATE REV. SHG. FD
	EFFECTIVE 7/1/2017, THE STATE REVENUE SHARING FUND WAS ELIMINATED AND ALL THE ACTIVITIES ARE NOW ACCOUNTED FOR IN THE GENERAL FUND AND THE REMAINING BALANCE IN THE STATE REVENUE FUND WAS TRANSFERRED TO THE GENERAL FUND.
417	TRSFRS FROM ASSESSMENT FUND #1
	TRANSFER FROM LOMBARD GARDENS LID PRINCIPAL AND INTEREST PAYMENTS FY 15-16 REFLECTS RESIDUAL EQUITY TRANSFER FROM THE CLOSED OUT LID PROGRAMS.
419	TRSFRS FROM WATER FUND
	OVERHEAD COST ALLOCATION ACCOUNTING CHARGES BUILDING MAINTENANCE LANDSCAPE CHARGES BEAVERTON BUILDING OPERATION EXPENSE ALLOCATION BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
421	TRSFRS FROM SEWER FUND												
	322,621		322,548		336,502		336,502	354,528		354,528			
425	TRSFRS FROM GARAGE FUND												
	3,848		3,616		4,454		4,454	4,335		4,335			
428	TRSFR FR BUILDING OPERATING FD												
	317,605		413,812		618,774		618,774	529,367		790,479			
430	TRANSFER FROM LIBRARY FUND												
	948,658		1,033,809		1,086,228		1,086,228	1,117,025		1,117,025			
432	TRSFR FR PUBLIC WRKS ADMN FUND												
	63,613		69,355		80,215		80,215	83,669		83,669			
437	TRSFRS FRM INSURANCE FUND												
	76,154		99,569		85,125		85,125	95,492		95,492			
438	TRSFRS FRM BEAVERTON ARTS COMM												
			8,972										
439	TRSFRS FRM CAPITAL DEVELOPMENT												
	32,291				83,899		83,899						
440	TRSFRS FR STREET LIGHTING FUND												
	35,854		42,503		42,063		42,063	42,320		42,320			
441	TRSFRS FR STORM DRAIN FUND												
	374,875		403,310		424,580		424,580	444,428		444,428			
444	TRSFR FROM BURA GENERAL FUND												
	59,719		30,111		139,435		127,228	146,854		146,854			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

421 TRSFRS FROM SEWER FUND

OVERHEAD COST ALLOCATION
ACCOUNTING CHARGES
BUILDING MAINTENANCE
LANDSCAPE
BEAVERTON BUILDING OPERATION EXPENSE ALLOCATION
BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION

425 TRSFRS FROM GARAGE FUND

BUILDING MAINTENANCE

428 TRSFR FR BUILDING OPERATING FD

OVERHEAD COST ALLOCATION $436,951
BEAVERTON BUILDING OPERATION EXPENSE ALLOCATION $46,074
BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION $46,342
REIMBURSEMENT OF SUBSIDY PROVIDED TO BUILDING OPERATING FUND DURING THE ECONOMIC $261,112
DOWNTURN FROM FY 05-06 TO FY 13-14. (20% OF $1,305,561 TOTAL)

430 TRANSFER FROM LIBRARY FUND

OVERHEAD COST ALLOCATION
BUILDING MAINTENANCE
LANDSCAPE

432 TRSFR FR PUBLIC WRKS ADMN FUND

LANDSCAPE

437 TRSFRS FRM INSURANCE FUND

OVERHEAD COST ALLOCATION
ACCOUNTING CHARGES

438 TRSFRS FRM BEAVERTON ARTS COMM

FY 16-17 PROGRAM MOVED TO THE GENERAL FUND, SEE PROGRAM #0528 IN MAYOR'S OFFICE
FY 17-18 PROGRAM MOVED TO THE LODGING TAX FUND, SEE PROGRAM #0528 IN FUND 107

439 TRSFRS FRM CAPITAL DEVELOPMENT

FY 2014-15 REFLECTS THE CLOSEOUT OF THE BEAVERTON BUILIDING'S TENANT IMPROVEMENT PROJECT
WITH THE REMAINING PROCEEDS TRANSFERRED TO THE GENERAL FUND.
FY 2016-17 REFLECTS THE CLOSEOUT OF THE GRIFFITH BUILDING IMPROVEMENT PROJECT WITH THE
REMAINING PROCEEDS TRANSFERRED TO THE GENERAL FUND.

440 TRSFRS FR STREET LIGHTING FUND

OVERHEAD COST ALLOCATION

441 TRSFRS FR STORM DRAIN FUND

GENERAL FUND OVERHEAD COST ALLOCATION
ACCOUNTING CHARGES
BUILDING MAINTENANCE
LANDSCAPE
BEAVERTON BUILDING OPERATION EXPENSE ALLOCATION
BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION

444 TRSFR FROM BURA GENERAL FUND

OVERHEAD TRANSFER FROM BURA TO GENERAL FUND SUPPORT.
FY 2015-16 ESTIMATED:
10% OF DEVELOPMENT DIVISION MANAGER $15,884
10% OF SENIOR DEVELOPMENT PROJECT MANAGER $13,835
75% OF EXTRA HELP SENIOR DEVELOPMENT MANAGER POSITION $30,000

FY 2016-17 PROPOSED:
10% OF THE DEVELOPMENT DIVISION MANAGER $16,765
10% OF THE SENIOR DEVELOPMENT PROJECT MANAGER $15,780
75% OF THE PARKING MGR EXTRA HELP POSITION UNTIL THE REGULAR POSITION IS HIRED $7,500.
75% OF HIRED SENIOR DEVELOPMENT POSITION $101,118

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
449 TSFR FR TRANS DEVL TAX/TIF FD													
	19,997		22,969		44,616		44,616	33,589		33,589			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
	4,125,023		5,414,944		4,927,949		4,915,742	4,886,392		5,147,504			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	71,501,695		78,485,392		78,611,048		79,289,098	77,763,203		79,016,875			
TOTAL DEPARTMENT: 03 REVENUE													
	71,501,695		78,485,392		78,611,048		79,289,098	77,763,203		79,016,875			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

449 TSFR FR TRANS DEVL TAX/TIF FD

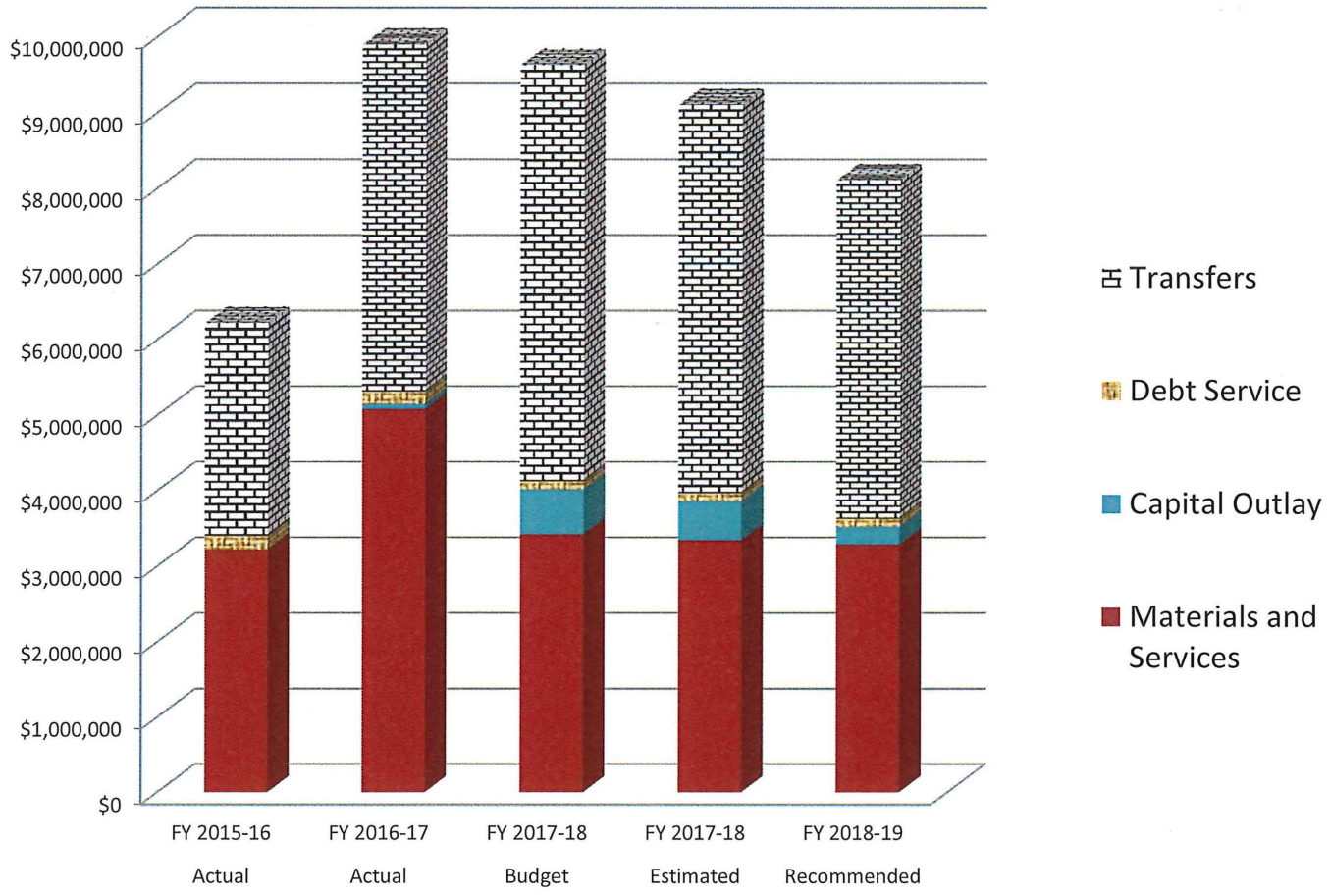
OVERHEAD COST ALLOCATION
BEAVERTON BUILDING OPERATION EXPENSE ALLOCATION
BEAVERTON BUILDING DEBT SERVICE EXPENSE ALLOCATION

Non-Departmental

GENERAL FUND

NON-DEPARTMENTAL

RECOMMENDED FY 18-19



CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **General Fund**
Department: **Non-Departmental - Summary**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Materials and Services	$3,218,560	$5,079,923	$3,421,306	3,343,655	3,287,761	-3.90%
Capital Outlay	-	61,662	595,337	516,469	234,000	-60.69%
Debt Service	180,252	170,331	106,692	106,692	106,692	0.00%
Transfers	2,816,836	4,583,456	5,501,378	5,131,565	4,476,722	-18.63%
SUB-TOTAL	$6,215,648	$9,895,372	$9,624,713	$9,098,381	$8,105,175	
Contingency			4,928,584		3,766,168	
Contingency - FR Fee			1,899,035		1,994,451	
Reserve for equip.			109,651		109,058	
TOTAL	$6,215,648	$9,895,372	$16,561,983	$9,098,381	$13,974,852	
FTE's	-	-	-		-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Materials and services:
No Significant Change

Capital outlay:
FY 2018-19 decrease is a result of a reduction in the level of space improvement needs at The Beaverton Building over FY 2017-18 levels.

Transfers:
FY 2018-19 decrease reflects reduced debt service assistance on the 2017 Public Safety Bond Issue compared to FY 2017-18.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
001 GENERAL	NON-DEPARTMENTAL
	DEPARTMENT HEAD: PATRICK O'CLAIRE

MISSION STATEMENT:

To provide a cost center for citywide expenditures including general memberships, central telephone and janitorial services, utilities expense and the General Fund's share of allocated expenses for internal services and financial emergencies and provide program accounting for the Beaverton Central Plant's operations. To provide for the management of The Beaverton Round Executive Suites and other privately leased space at The Beaverton Building as well as similar leases at other facilities.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
MATERIALS & SERVICES	$3,218,560	$5,079,923	$3,421,306	$3,287,761	$0
CAPITAL OUTLAY	0	61,662	595,337	234,000	0
DEBT SERVICE	180,252	170,331	106,692	106,692	0
TRANSFERS	2,816,836	4,583,456	5,501,378	4,476,722	0
CONTINGENCY	0	0	6,937,270	5,869,677	0
TOTAL	**$6,215,648**	**$9,895,372**	**$16,561,983**	**$13,974,852**	**$0**

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 001 GENERAL	**DEPARTMENT:** NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL	**DEPARTMENT HEAD:** PATRICK O'CLAIRE

Program Goal:

To provide a cost center for citywide expenditures including general memberships, central telephone and janitorial services, utilities expense and the General Fund's share of allocated expenses for internal services. To maintain an operating contingency sufficient to finance economic and financial emergencies, generally equal to 16% of expenditures. Contingency amount is the excess of revenue and resources over expenditure requirements. Refer to the Statement of Financial Policies for the purpose and use of contingency account.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
MATERIALS & SERVICES	$1,257,437	$2,379,846	$645,486	$651,587	$0
CAPITAL OUTLAY	0	0	27,500	24,500	0
DEBT SERVICE					
TRANSFERS	2,816,836	4,583,456	5,501,378	4,476,722	0
CONTINGENCY	0	0	6,937,270	5,869,677	0
TOTAL	**$4,074,273**	**$6,963,302**	**$13,111,634**	**$11,022,486**	**$0**

Program Objective (services provided):

The amount budgeted as Materials & Services represents citywide membership fees, telephone, janitorial and utilities expenses.

Performance Measures:	**FY 2015-16 Actual**	**FY 2016-17 Projected/Actual**	**FY 2017-18 Projected/Revised**	**FY 2018-19 Proposed**
Total General Fund Contingency	$14,093,098	$14,540,388	$7,822,849	$6,848,366
General Fund Contingency as a Percent of General Fund Budgeted Expenditures, target is 16%	26.373%	25.328%	9.951%	8.667%
Non-Departmental Expenditures Per Capita (Less Contingency)	$65.97	$104.22	$100.59	$84.28
Non-Departmental Expenditures as Percent of City's Total Budget (less contingencies and capital projects)	5.034%	7.366%	7.318%	3.209%

Performance Outcome:

Maintaining an undesignated contingency amount of at least 16% provides the City with resources equal to 2 months of the General Fund's operations. This doesn't include the amount reserved from the utility privilege taxes imposed in 2015.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 001 GENERAL	**DEPARTMENT:** NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL	**DEPARTMENT HEAD:** PATRICK O'CLAIRE

Progress on FY 2017–18 Action Plan:
Note specific actions by building below:

- Account Number 352 Beaverton Activities Center - due to the passage of the Public Safety Center bond measure, tenant leases were terminated and community meetings moved to the Griffith Park Building. An exception was given to CASH-Oregon to provide tax assistance to the community until April 30, 2018.
- Account number 386 Community Center – paint the exterior of the entire building.

Managed expenses for each building as applicable. Expenses include janitorial, utilities, maintenance and repair, and improvements.

Other city buildings' costs are accounted for in other programs or funds:
- The Beaverton Building – in Program 0007 in the General Fund
- Griffith Park Building – in Program 0008 in the General Fund
- The Operations Complex - in the Public Works Administration Fund
- The Main and Branch Libraries - in the Library Fund

FY 2018-19 Action Plan:
Proposed projects include:

- Beaverton Activities Center – coordination with contractor and Police Department Project Manager to prepare building for demolition. Recycle and/or dispose of furnishings as appropriate.
- Account Number 354 Harvest Court – no projects proposed
- Account Number 386 Community Center - replace roof and gutters which was under-budgeted in FY 2017-18.
- Start or continue projects identified in the ADA Title II Transition Plan
- Comply with the reporting requirements of new accounting standards for the disclosure of property tax rebates from the Government Standards and Accounting Board (GASB 77)

Continue managing expenses as specified above.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 001 GENERAL FUND DEPT: 13 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 10 MATERIALS & SERVICES														
303 OFFICE FURNITURE & EQUIPMENT														
	9,831		12,926		15,000		13,566	11,000	15,000		15,000			
307 MEMBERSHIP FEES														
	70,385		73,204		89,500		75,832	89,500	92,526		92,526			
317 COMPUTER EQUIPMENT														
	184				369		351	351						
341 COMMUNICATIONS EXPENSE														
	41,549		47,227		50,000		31,623	50,000	50,000		50,000			
350 GRIFFITH PARK BUILDING EXPENSE														
	670,216													
351 UTILITIES EXPENSE														
	800,331		969,500		973,670		625,266	878,000	835,000		825,000			
352 BVTN ACTIVITIES CENTER EXPENSE														
	75,817		69,540		44,720		47,482	44,720						
354 HARVEST COURT EXPENSE														
	16,093		33,811		21,500		22,912	27,242	23,000		23,000			
356 KIOSK MAINTENANCE EXPENSE														
	1,280		503		300		199	150	200		200			
359 PROPERTY TAX REBATE EXPENSE														
	208,508		216,348		244,286		226,504	226,504	237,830		237,830			
362 BLDG PERMIT/FEE WAIVER/DISCNT														
	15													
381 BUILDING EXPENSE														
	41,574		58,699		62,631		62,618	62,631	65,000		65,000			
384 BUILDING MAINTENANCE PROJECTS														
	131,054		350,555		430,000		210,231	542,000	323,750		418,750			
385 PARKING GARAGE EXPENSE														
	10,866		132,052		38,400		36,732	36,732	36,732		36,732			
386 COMMUNITY CENTER EXPENSE														

9660

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 001 GENERAL FUND DEPT: 13 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	52,914		52,545		98,500		48,835	81,000	144,148		144,148			
388 PROPERTY INSURANCE														
	13,503		14,619		15,000		15,000	15,000	15,000		15,000			
406 BANK SERVICE FEES														
	43,758		29,910		43,000		22,927	43,000	43,000		43,000			
431 PLANT MAINTENANCE														
	59,176		68,284		90,000		84,361	76,500	90,000		90,000			
461 SPECIAL EXPENSE														
	7,251		7,632		2,280		651	2,280	2,280		2,280			
475 EMERG. INCIDENT ACTIVATION EXP														
	551													
479 LOT 2 & 3 EXPENSES														
							7,885	10,000			10,000			
480 PROPERTY TAX EXPENSE														
	15,531		20,084		22,000		24,779	24,779	23,000		23,000			
481 OTHER EXPENSES														
	52,477		27,039		26,000		24,800	26,000	26,000		26,000			
510 3RD FLOOR E-SUITES EXPENSE														
	223,182		216,512		225,000		219,552	208,000	220,000		220,000			
511 PROFESSIONAL SERVICES														
	581,868		787,311		828,700		718,195	788,866	851,395		851,395			
525 PMTS TO OTHER GOVERNMENT AGENCIES														
			1,800,000											
536 MAINTENANCE CONTRACTS														
	17,386		18,362		26,450		24,484	26,100	24,900		24,900			
551 RENTS AND LEASES														
	73,260		73,260		74,000		54,945	73,300	74,000		74,000			
TOTAL CLASS: 10 MATERIALS & SERVICES														
	3,218,560		5,079,923		3,421,306		2,599,730	3,343,655	3,192,761		3,287,761			

0997

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 001 GENERAL FUND DEPT: 13 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
605 BUILDINGS AND BUILDING IMPROVE														
			61,662		433,337		517,081	485,000			80,000			
641 VEHICLES														
					27,500		26,469	26,469	24,500		24,500			
682 CONSTRUCTION														
					109,500				109,500		109,500			
683 CONST DESIGN & ENGR INSPECTION														
					25,000		5,000	5,000	20,000		20,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
			61,662		595,337		548,550	516,469	154,000		234,000			
CLASS: 20 DEBT SERVICE														
791 PAYMENT OF CONSTRUCTION LOAN														
	180,252		170,331		106,692		88,910	106,692	106,692		106,692			
TOTAL CLASS: 20 DEBT SERVICE														
	180,252		170,331		106,692		88,910	106,692	106,692		106,692			
CLASS: 25 TRANSFERS														
808 TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)														
	282,028		344,741		290,299		241,916	290,299	314,830		314,830			
814 TRSFRS TO CAPITAL PROJ. FUND														
	71,841		552,582		649,798		395,122	491,298	623,621		623,621			
815 TRSFRS TO CAPITAL DEV. FUND														
	750,952		1,985,005		702,750		251,262	509,250	915,000		215,000			
817 TRSFRS TO GARAGE FUND														
	20,637		15,554		17,039		13,066	17,039	18,981		18,981			
818 TRSFRS TO ISD-ALLOCATED														
	1,416,206		1,327,851		1,735,903		1,446,586	1,735,903	1,923,608		1,923,608			
819 TRSFRS TO INSURANCE FUND														

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 001 GENERAL FUND DEPT: 13 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
	275,172		357,723		411,381		342,818	411,381	411,381		411,381			
823 TRSFRS TO DEBT SERVICE FUND														
					1,190,387		920,200	1,190,387	200,000		100,000			
830 TRANSFER TO LIBRARY FUND														
											127,231			
831 TRSFR TO LIBRARY FD-COLLECTION														
											165,000			
837 TRSFR TO LODGING TAX (TLT) FUND														
					503,821			486,008	577,070		577,070			
TOTAL CLASS: 25 TRANSFERS														
	2,816,836		4,583,456		5,501,378		3,610,970	5,131,565	4,984,491		4,476,722			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
980 CONTINGENCY- ROW FEE FUTURE USE														
					1,899,035				3,165,414		1,994,451			
991 CONTINGENCY - UNRESERVED														
					4,928,584				185,567		3,766,168			
996 RESERVE - EQUIPMENT REPLACEMT														
					109,651				109,058		109,058			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					6,937,270				3,460,039		5,869,677			
TOTAL DEPARTMENT: 13 NON-DEPARTMENTAL														
	6,215,648		9,895,372		16,561,983		6,848,160	9,098,381	11,897,983		13,974,852			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 10 MATERIALS & SERVICES													
303 OFFICE FURNITURE & EQUIPMENT													
	9,831		12,926		15,000		11,000	15,000		15,000			
307 MEMBERSHIP FEES													
	70,385		73,204		89,500		89,500	92,526		92,526			
341 COMMUNICATIONS EXPENSE													
	41,549		47,227		50,000		50,000	50,000		50,000			
350 GRIFFITH PARK BUILDING EXPENSE													
	670,216												
352 BVTN ACTIVITIES CENTER EXPENSE													
	75,817		69,540		44,720		44,720						
354 HARVEST COURT EXPENSE													
	16,093		33,811		21,500		27,242	23,000		23,000			
356 KIOSK MAINTENANCE EXPENSE													
	1,280		503		300		150	200		200			
359 PROPERTY TAX REBATE EXPENSE													
	208,508		216,348		244,286		226,504	237,830		237,830			
362 BLDG PERMIT/FEE WAIVER/DISCNT													
	15												
386 COMMUNITY CENTER EXPENSE													
	52,914		52,545		98,500		81,000	144,148		144,148			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS

303 OFFICE FURNITURE & EQUIPMENT

EQUIPMENT APPROPRIATION AVAILABLE FOR EMERGENCY USE (MAYOR'S AUTHORIZATION REQUIRED)

307 MEMBERSHIP FEES

NATIONAL LEAGUE OF CITIES $6,700
LEAGUE OF OREGON CITIES $67,626
LEGAL ADVOCACY PROGRAM $1,200
PORTLAND STATE METROPOLITAN STUDIES $2,000
LOC FOUNDATION PARTICIPATION $1,000
UNITED STATES CONFERENCE OF MAYORS $5,300
GOVERNMENT ETHICS COMMISSION $900
INTERNATIONAL CITY COUNTY MANAGEMENT ASSOCIATION $1,000
ANNUAL OREGON WEEK IN JAPAN $1,000
METROPOLITAN MAYORS CONSORTIUM ANNUAL DUES $5,800

341 COMMUNICATIONS EXPENSE

CITY WIDE COSTS-TELEPHONE SYS INCL. LINE CHARGES AND ACCESS
TELEPHONE BILL MONITORING AND PAYMENT SERVICES
LONG DISTANCE CHARGES

350 GRIFFITH PARK BUILDING EXPENSE

FY 16-17 EXPENSES MOVED TO NEW PROGRAM 001-13-0008
FY 15-16 EXPENSES MOVED HERE FROM 001-10-0450-XXX (VARIOUS OBJECT CODES)
AND 001-03-0003-511

352 BVTN ACTIVITIES CENTER EXPENSE

FY 17-18 WAS REDUCED AS THE BUILDING WAS VACATED DURING THE FISCAL YEAR AND WILL BE DECOMMISSIONED STARTING 1/1/1. THE SITE WILL BE REPURPOSED FOR THE NEW PUBLIC SAFETY BUILDING.
FY 2018-19 - NO APPROPRIATION IS REQUIRED

354 HARVEST COURT EXPENSE

UTILITIES $16,800
JANITORIAL $3,539
GUTTER CLEANING $750
MAINTENANCE CONTRACTS $1,465
MAINTENANCE & REPAIR (PARTS, MATERIALS, BULBS, PAPER PRODUCTS, ETC.) $446
FY 2017-18 REFLECTS INCREASE DUE TO UNEXPECTED UTILITY COSTS AND REMOVAL OF MODULAR FURNITURE TO ALLOW POLICE EVIDENCE TO EXPAND ON THE CITY STORAGE SIDE
CARRY FORWARD FENCE FOR RECORDS ARCHIVES
FY 15-16 EXPENSES MOVED HERE FROM 001-10-0450-354 AND UTILITIES FROM 001-60-0621-381

356 KIOSK MAINTENANCE EXPENSE

MISC REPAIRS; PARTS
FY2016-17 REFLECTS INCREASE FOR REPAIRS TO ROOF EAVES DUE TO WATER DAMAGE/DRY ROT

359 PROPERTY TAX REBATE EXPENSE

PROPERTY TAX REBATES UNDER THE ANNEXATION AGREEMENTS FOR:
PETERKORT PHASE 1 PROPERTIES (REBATE CONTINUES TO FY 2019-20) $96,708
PETERKORT PHASE 2 PROPERTIES (REBATE CONTINUES TO FY 2019-20) $141,122
LITHIA MOTORS ANNEXATION 1 - 3 PROPERTIES (REBATE CONCLUDED FY 2017-18)
JENKINS 45 DEGREE CENTRAL PROPERTIES REBATE CONCLUDED FY 2014-15
SOUTH COOPER MOUNTAIN REBATE CONCLUDED FY 2014-15

362 BLDG PERMIT/FEE WAIVER/DISCNT

BUILDING PERMIT FEE DISCOUNTS AT PROJECTS APPROVED BY CITY COUNCIL
FY 15-16 EXPENSE WAS THE FINAL PAYMENT FOR 45 DEGREE CENTRAL

386 COMMUNITY CENTER EXPENSE

UTILITIES $23,300
JANITORIAL $23,748
MAINTENANCE CONTRACTS $3,000
MAINTENANCE & REPAIRS (PARTS, MATERIALS, BULBS, PAPER PRODUCTS, ETC.) $4,100
REPLACE ROOF AND GUTTERS (FROM FY 2017-18, NOT ENOUGH BUDGETED TO DO PROJECT) $70,000
REPLACE TWO HVAC UNITS OVER TENANT SPACE ON EAST END; END OF LIFE $20,000

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
406	BANK SERVICE FEES												
	43,758		29,910		43,000		43,000	43,000		43,000			
461	SPECIAL EXPENSE												
	7,251		7,632		2,280		2,280	2,280		2,280			
475	EMERG. INCIDENT ACTIVATION EXP												
	551												
479	LOT 2 & 3 EXPENSES												
							10,000			10,000			
480	PROPERTY TAX EXPENSE												
							2,704						
481	OTHER EXPENSES												
	52,477		27,039		26,000		26,000	26,000		26,000			
511	PROFESSIONAL SERVICES												
	6,042		8,361		9,600		9,100	7,153		7,153			
525	PMTS TO OTHER GOVERNMENT AGENCIES												
			1,800,000										
536	MAINTENANCE CONTRACTS												
	750		800		800		450	450		450			
TOTAL CLASS: 10 MATERIALS & SERVICES													
	1,257,437		2,379,846		645,486		623,650	641,587		651,587			
CLASS: 15 CAPITAL OUTLAY													
641	VEHICLES												
					27,500		26,469	24,500		24,500			
TOTAL CLASS: 15 CAPITAL OUTLAY													
					27,500		26,469	24,500		24,500			
CLASS: 25 TRANSFERS													
808	TRSFRS TO GIS PGRM (TO ISD FUND 2018-19)												
	282,028		344,741		290,299		290,299	314,830		314,830			
814	TRSFRS TO CAPITAL PROJ. FUND												
	71,841		552,582		649,798		491,298	623,621		623,621			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
406	BANK SERVICE FEES TRANSACTION FEES FOR PAYMENTS BY CREDIT CARD.
461	SPECIAL EXPENSE FOR SURFACE WATER UTILITY CHARGES ON WESTGATE SITE - REDUCED BY SALE OF 2 PARCELS
475	EMERG. INCIDENT ACTIVATION EXP EXPENSES ASSOCIATED WITH EOC ACTIVATIONS DURING MAJOR EMERGENCIES AND DISASTERS BUDGET AMENDMENT TRANSFERS THIS EXPENSE TO THE EMERGENCY MGMT PROGRAM 0635
479	LOT 2 & 3 EXPENSES LOTS 2 & 3 MANAGEMENT COST, LANDSCAPE MAINTENANCE EXPENSE, AND UTILITY EXPENSES $10,000
480	PROPERTY TAX EXPENSE PROPERTY TAXES ON THE FARMINGTON AND BETTS PROPERTY LEASE. FY 2018-19 REFLECTS ASSIGNMENT OF PROPERTY TAX EXPENSE TO THE LESSEE LASCALLA.
481	OTHER EXPENSES LIEN SEARCH SERVICES ANNUAL DEBT SERVICE FEES FOR G.O. BOND ISSUED FOR THE G.O. BOND ISSUES BANK CHARGES NOW APPEAR IN OBJECT CODE 406 IN ALL FUNDS BEGINNING FY 16-17 INVESTEMENT ADVISORY SERIVCES ($25,000) AND INVESTEMENT CUSTODIAL SERVICES - SAFEKEEPING ($2,500) HAVE BEEN TRANSFERRED TO THE FINANCE DEPARTMENT'S PROGRAM 0548 OPERATIONS
511	PROFESSIONAL SERVICES AFTER HOUR ACTIVITY & EVENT SECURITY $1,000 JANITORIAL SERVICES FOR PARK RESTROOMS $6,153 FY 15-16 REFLECTS DECREASE DUE TO MOVING JANITORIAL EXPENSES TO INDIVIDUAL BUILDINGS
525	PMTS TO OTHER GOVERNMENT AGENCIES FY 2016-17 REFLECTS THE CIT'S BUY OUT OF METRO'S 4/9THS INTEREST IN THE WESTAGE PROPERTY BASED ON APPRAISED VALUE. PER IGA, BURA WILL REIMBURSE THE CITY FOR THE BUY OUT.
536	MAINTENANCE CONTRACTS TYPEWRITER MAINTENANCE FOR 9 TYPEWRITERS @ $50/EACH $450
641	VEHICLES 1 REPLACEMENT FOR VEHICLE NO. 1-619, (2002 CHEVROLET MALIBU) WITH FORD FUSION HYBRID $24,500
808	TRSFRS TO GIS PGRM (TO ISD FUND 2018-19) ALLOCATION OF GEOGRAPHICAL INFORMATION SERVICES
814	TRSFRS TO CAPITAL PROJ. FUND FY 2017-18 PROJECTS 3106 SIDEWALK PROJ BUDEGTED - $394,798; ESTIMATE - $394,798 3410 SHARE USE PATH ALONG DENNEY RD BUDGETED - $255,000; ESTIMATE $7,500 3228 WESTERN AVENUE 5TH STREET TO ALLEN ESTIMATE - $89,000 FY 2018-19 PROJECTS 3106 SIDEWALK CONSTRUCITON PROJECTS $202,621 3328 WESTERN AVE IMPROVEMENT $85,000 3407 BEAVERTON CREEK SHARED USE PATH $64,000 3410 SHARE USE PATH ALONG DENNEY RD $272,000

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
815	TRSFRS TO CAPITAL DEV. FUND												
	750,952		1,985,005		702,750		509,250	915,000		215,000			
817	TRSFRS TO GARAGE FUND												
	20,637		15,554		17,039		17,039	18,981		18,981			
818	TRSFRS TO ISD-ALLOCATED												
	1,416,206		1,327,851		1,735,903		1,735,903	1,923,608		1,923,608			
819	TRSFRS TO INSURANCE FUND												
	275,172		357,723		411,381		411,381	411,381		411,381			
823	TRSFRS TO DEBT SERVICE FUND												
					1,190,387		1,190,387	200,000		100,000			
830	TRANSFER TO LIBRARY FUND												
										127,231			
831	TRSFR TO LIBRARY FD-COLLECTION												
										165,000			
837	TRSFR TO LODGING TAX (TLT) FUND												
					503,821		486,008	577,070		577,070			
TOTAL CLASS: 25 TRANSFERS													
	2,816,836		4,583,456		5,501,378		5,131,565	4,984,491		4,476,722			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
980	CONTINGENCY- ROW FEE FUTURE USE												
					1,899,035			3,165,414		1,994,451			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	OBJECT DESCRIPTION / JUSTIFICATIONS
815	TRSFRS TO CAPITAL DEV. FUND FY 2017-18 PROJECTS: 3518 CANYON RD ALTERNATIVE BIKE NETWORK BUD $188,500/ EST $171,750 3519 CANYON RD INTERSECTION IMPROVEMENTS BUD $324,250/EST $76,500 3522 LIBRARY FOUNTAIN IMPROVEMENTS BUD $190,000/EST $199,000 3513 PROPERTY ACQUISITION ACCOUNT REVISED ESTIMATE $62,000 TO POTENTIALLY PAY OFF THE UMREIN LAND PURCHASE CONTRACT FY 2018-19 PROJECTS: 3519 CANYON RD INTERSECTION IMPROVEMENTS $115,000 3513 PROPERTY ACQUISITION ACCOUNT TO PROVIDE FUNDING FOR POTENTIAL LAND PURCHASES $100,000
817	TRSFRS TO GARAGE FUND ALLOCATION OF FLEET SERVICES (FUEL AND MAINTENANCE) PROVIDED BY THE GARAGE FUND
818	TRSFRS TO ISD-ALLOCATED ALLOCATION OF SERVICES PROVIDED BY THE INFORMATION SYSTEMS FUND $1,923,608
819	TRSFRS TO INSURANCE FUND ALLOCATION OF CHARGES FOR GENERAL LIABILITY AND PROPERTY INSURANCE $411,381
823	TRSFRS TO DEBT SERVICE FUND TRANSFER TO THE GENERAL OBLIGATION DEBT SERVICE FUND FOR DEBT SERVICE ASSISTANCE ON THE 2017 PUBLIC SAFETY BOND ISSUE DURING THE TWO YEAR OVERLAP WITH THE EXISTING LIBRARY BOND ISSUE DEBT SERVICE. THE OVERLAP PERIOD ENDS IN FY 2018-19 $100,000
830	TRANSFER TO LIBRARY FUND FY 18-19 TRANSFERS TO SUPPORT FOR LIBRARY OPERATION LIBRARY SAFETY OFFICER $70,475 ADDITIONAL STAFF TIME FOR LIBRARY HOURS CHANGE $56,756
831	TRSFR TO LIBRARY FD-COLLECTION TRANSFER TO LIBRARY FUND TO ASSIST WITH THE PURCHASE OF LIBRARY MATERIALS $165,000
837	TRSFR TO LODGING TAX (TLT) FUND 100% SUBSIDY OF THE ARTS PROGRAM 0528' S OPERATING COSTS IN THE TRANSIENT LODGING TAX FUND $577,070
980	CONTINGENCY- ROW FEE FUTURE USE ROW FEES SET ASIDE FOR FUTURE USE: AUTHORIZED USES OF ROW FEES: FY 2015-16: UTILITY UNDERGROUNDING PROJECT $65,000 FY 2016-17: SIDEWALK IMPROVEMENT PROJECT 3106 $552,582 (FUND MENLO DRIVE FAIRMOUNT TO BERTHOLD) AFFORDABLE HOUSING PROGRAM $200,000 ACQUISITION DUE DILIGENCE EXPENSE $65,000 FY 2017-18: TRANSFER TO THE DEBT SVC FUND TO ASSIST THE PUBLIC SAFETY BOND $1,190,387 SIDEWALK IMPROVEMENT PROJECT 3106 $394,798 (FUND MENLO DRIVE FAIRMOUNT TO BERTHOLD) AFFORDABLE HOUSING PROGRAM $300,000 ACQUISITION DUE DILIGENCE EXPENSE $75,000 FY 2018-19: TRANSFER TO THE DEBT SVC FUND TO ASSIST THE PUBLIC SAFETY BOND - $100,000 SIDEWALK IMPROVEMENT PROJECT 3106 MENLO DRIVE FAIRMOUNT TO BERTHOLD - $202,621 TRANSFER TO LIBRARY FUND TO ASSIST WITH COLLECTION PURCHASE - $165,000 TRANSFER TO LIBRARY FUND TO ASSIST WITH NEW LIBRARY SAFETY OFFICER - $70,475 TRANSFER TO LIBRARY FUND TO ASSIST WITH THE STAFFING TO INCREASE HOURS THE LIBRARY IS OPEN - $56,756 FUNDING FOR THE AFFORDABLE HOUSING PROGRAM: SR. DEVELOPMENT PROJETCT MANAGER FOR THE AFFORDABLE HOUSING PROGRAM - $123,732 AFFORDABLE HOUSING ACTIVITIES IN PROGRAM 0662 ACCOUNT 509 - $855,000

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
991 CONTINGENCY - UNRESERVED													
					4,928,584			185,567		3,766,168			
996 RESERVE - EQUIPMENT REPLACEMT													
					109,651			109,058		109,058			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					6,937,270			3,460,039		5,869,677			
TOTAL PROGRAM: 0003 NON-DEPARTMENTAL													
	4,074,273		6,963,302		13,111,634		5,781,684	9,110,617		11,022,486			

BP WORKSHEET & JUSTIFICATION

FUND: 001 GENERAL FUND
DEPT: 13 NON-DEPARTMENTAL
PROGRAM: 0003 NON-DEPARTMENTAL

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

991 CONTINGENCY - UNRESERVED

996 RESERVE - EQUIPMENT REPLACEMT
RESERVE FOR VEHICLE REPLACEMENT

General Bonded Debt Fund

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **General Bonded Debt**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Debt Service	$1,723,000	$1,730,500	$3,089,511	$3,089,511	$2,180,622	-29.42%
SUB-TOTAL	$1,723,000	$1,730,500	$3,089,511	$3,089,511	$2,180,622	
Contingency - Reserve			165,064		85,743	
			-			
TOTAL	$1,723,000	$1,730,500	$3,254,575	$3,089,511	$2,266,365	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Debt Service:
FY 2018-19 reduction reflects a lower debt service payment on the library bonds which will be paid off in June 2019.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 201 GENERAL BONDED DEBT	**DEPARTMENT:** FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

MISSION STATEMENT:

Debt management of outstanding General Obligation Bonds. The bonded debt in this fund is a voted general obligation bond issue. Payments of the maturing principal and interest are funded through a property tax levy. This levy is a levy outside the tax base and is not within the $10 governmental limit set by Measure 5.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION					
DEBT SERVICE	$1,723,000	$1,730,500	$3,089,511	$2,180,622	$0
TRANSFERS					
CONTINGENCY	0	0	165,064	85,743	0
TOTAL	**$1,723,000**	**$1,730,500**	**$3,254,575**	**$2,266,365**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$116,686	$136,691	$149,589	$165,764	$0
Property Taxes	1,736,587	1,734,569	1,904,499	1,984,801	0
Miscellaneous Revenue	6,418	8,829	10,100	15,800	0
Transfers from General Fund	0	0	1,190,387	100,000	0

The City has two General Obligation Debt Issues outstanding for the Library Building and the Public Safety Center. The 2005 Refunding Bond Issue refunded the callable portion of the 1999 Bond Issue. In 1999, Library Bonds were issued with maturing dates from 2000 to 2019 with interest rates from 4.25% to 5% in an original amount of $21,895,000. The proceeds were used for the costs of designing, building and furnishing a new library. The bond principal and interest are payable from an additional property tax levy. This bond matures on June 1, 2019.

Voters approved a General Obligation Bond Measure for a new Public Safety Building in November 2016 authorizing $35 million in GO Bonds. The bonds were publicly bid and awarded on February 8, 2017. Principal payments on the 2017 series are deferred until FY 2019-20 to as to allow the debt service levy to remain constant at approximately 20¢ per $1000 assessed valuation with priority for the 2005 series bonds. This required a supplemental source of funds to meet debt service obligations for FY 2017-18 of approximately $1.2 million via an inter-fund transfer from the General Fund. In FY 2018-19, the amount of transfer is approximately $230,000.

FUND: 201 GENERAL BONDED DEBT	**DEPARTMENT:** FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

GENERAL OBLIGATION DEBT

General Obligation Refunding Bonds Series 2005 were issued on August 16, 2005, with interest rates from 3% to 5% in an original amount of $13,575,000. The proceeds were used to refund a portion of the 1999 GO Library Bonds. The remaining principal and interest payments are as follows:

2005 GO Refunding Bonds

FISCAL YEAR	PRINCIPAL	INTEREST	TOTAL
2018-2019	1,000,000	50,000	1,050,000
total	$1,000,000	$50,000	$1,050,000

General Obligation Bonds Series 2017 were issued February 2017, with interest rates from 3% to 5% in an original amount of $33,845,000. The bonds are for the construction of an approximately 90,000 square foot public safety center. The facility will house the City's police department, emergency management division, and other public safety services. This bond was authorized by the voters at the November 2017 General Election.

2017 GO Public Safety Center Bonds

FISCAL YEAR	PRINCIPAL	INTEREST	TOTAL
2018-2019		1,130,622	1,130,622
2019-2020	815,000	1,130,621	1,945,621
2020-2021	900,000	1,106,172	2,006,172
2021-2022	995,000	1,079,171	2,074,171
2022-2023	1,090,000	1,049,321	2,139,321
2023-2024	1,195,000	1,016,622	2,211,622
2024-2025	1,325,000	956,871	2,281,871
2025-2026	1,465,000	890,621	2,355,621
2026-2027	1,615,000	817,372	2,432,372
2027-2028	1,755,000	752,771	2,507,771
2028-2029	1,890,000	700,121	2,590,121
2029-2030	2,030,000	643,421	2,673,421
2030-2031	2,175,000	582,521	2,757,521
2031-2032	2,330,000	517,271	2,847,271
2032-2033	2,490,000	447,371	2,937,371
2033-2034	2,660,000	372,671	3,032,671
2034-2035	2,845,000	289,546	3,134,546
2035-2036	3,035,000	200,640	3,235,640
2036-2037	3,235,000	103,520	3,338,520
Total	$33,845,000	$13,787,246	$47,632,246

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 201 GENERAL BONDED DEBT FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-116,686		-136,691		-149,589		-149,589	-149,589	-165,764		-165,764			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-116,686		-136,691		-149,589		-149,589	-149,589	-165,764		-165,764			
CLASS: 10 TAXES														
306 INTEREST ON DELINQUENT TAXES														
	-396		-710		-500		-1,049	-1,200	-1,000		-1,000			
311 PROPERTY TAXES - CURRENT YEAR														
	-1,715,846		-1,714,426		-1,888,999		-1,845,869	-1,888,999	-1,968,801		-1,968,801			
312 PROPERTY TAXES - PRIOR YEARS														
	-20,345		-19,433		-15,000		-9,349	-15,000	-15,000		-15,000			
TOTAL CLASS: 10 TAXES														
	-1,736,587		-1,734,569		-1,904,499		-1,856,267	-1,905,199	-1,984,801		-1,984,801			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-5,864		-8,651		-9,800		-7,883	-9,800	-15,500		-15,500			
389 MISCELLANEOUS REVENUES														
	-554		-178		-300		-151	-300	-300		-300			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-6,418		-8,829		-10,100		-8,034	-10,100	-15,800		-15,800			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
411 TRSFRS FROM GENERAL FUND														

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 201 GENERAL BONDED DEBT FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					-1,190,387		-920,200	-1,190,387	-200,000		-100,000			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
					-1,190,387		-920,200	-1,190,387	-200,000		-100,000			
TOTAL DEPARTMENT: 03 REVENUE														
	-1,859,691		-1,880,089		-3,254,575		-2,934,090	-3,255,275	-2,366,365		-2,266,365			

1012

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 201 GENERAL BONDED DEBT FUND DEPT: 20 FINANCE DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE														
707 BOND PRINCIPAL 2005 GO REFUND														
	1,450,000		1,530,000		1,480,000			1,480,000	1,000,000		1,000,000			
712 BOND INTEREST 2017 GO														
					1,485,511		920,200	1,485,511	1,130,622		1,130,622			
736 BOND INTEREST 2005 GO REFUND														
	273,000		200,500		124,000		62,000	124,000	50,000		50,000			
TOTAL CLASS: 20 DEBT SERVICE														
	1,723,000		1,730,500		3,089,511		982,200	3,089,511	2,180,622		2,180,622			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
992 UNAPPROPRIATED ENDING FUND BAL														
					165,064				185,743		85,743			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					165,064				185,743		85,743			
TOTAL DEPARTMENT: 20 FINANCE DEPARTMENT														
	1,723,000		1,730,500		3,254,575		982,200	3,089,511	2,366,365		2,266,365			

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BP WORKSHEET & JUSTIFICATION

FUND: 201 GENERAL BONDED DEBT FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	116,686		136,691		149,589		149,589	165,764		165,764			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	116,686		136,691		149,589		149,589	165,764		165,764			
CLASS: 10 TAXES													
306 INTEREST ON DELINQUENT TAXES													
	396		710		500		1,200	1,000		1,000			
311 PROPERTY TAXES - CURRENT YEAR													
	1,715,846		1,714,426		1,888,999		1,888,999	1,968,801		1,968,801			
312 PROPERTY TAXES - PRIOR YEARS													
	20,345		19,433		15,000		15,000	15,000		15,000			
TOTAL CLASS: 10 TAXES													
	1,736,587		1,734,569		1,904,499		1,905,199	1,984,801		1,984,801			
CLASS: 35 MISCELLANEOUS REVENUES													
384 INVESTMENT INTEREST EARNINGS													
	5,864		8,651		9,800		9,800	15,500		15,500			
389 MISCELLANEOUS REVENUES													
	554		178		300		300	300		300			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	6,418		8,829		10,100		10,100	15,800		15,800			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
411 TRSFRS FROM GENERAL FUND													
					1,190,387		1,190,387	200,000		100,000			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
					1,190,387		1,190,387	200,000		100,000			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	1,859,691		1,880,089		3,254,575		3,255,275	2,366,365		2,266,365			
TOTAL DEPARTMENT: 03 REVENUE													
	1,859,691		1,880,089		3,254,575		3,255,275	2,366,365		2,266,365			

BP WORKSHEET & JUSTIFICATION

FUND: 201 GENERAL BONDED DEBT FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

306 INTEREST ON DELINQUENT TAXES

311 PROPERTY TAXES - CURRENT YEAR

VOTER APPROVED PROPERTY TAXES TO REPAY BONDED DEBT WHICH IS OUTSIDE OF THE CITY'S MAXIMUM TAX RATE. TAX RATES FOR THE GO BOND DEBT ARE AS FOLLOWS:
FY 2013-14 $0.2290 FOR THE LIBRARY BUILDING
FY 2014-15 $0.1954 FOR THE LIBRARY BUILDING
FY 2015-16 $0.2002 FOR THE LIBRARY BUILDING
FY 2016-17 $0.1915 FOR THE LIBRARY BUILDING
FY 2017-18 $0.1749 FOR THE LIBRARY BUILDING AND $0.0304 FOR THE NEW PUBLIC SAFETY BUILDING TOTAL FOR FY 2017-18 $0.2053
FY 2018-19 $0.1109 FOR THE LIBRARY BUILDING AND $0.0944 FOR THE NEW PUBLIC SAFETY BUILDING FOR A TOTAL COMBINED LEVY OF $0.2053. THIS IS THE LAST YEAR OF DEBT SERVICE ON THE LIBRARY BONDS AS THEY MATURE IN FY2018-19 ON JUNE 1, 2019

312 PROPERTY TAXES - PRIOR YEARS

384 INVESTMENT INTEREST EARNINGS

INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50%
FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

389 MISCELLANEOUS REVENUES

411 TRSFRS FROM GENERAL FUND

FY 2017-18 AND FY 2018-19 REFELCTS A TRANSFER IN FROM THE GENERAL FUND TO ASSIST WITH THE 2017 PUBLIC SAFETY BUILDING GENERAL OBLIGATION BOND ISSUE'S DEBT SERVICE DURING THE TWO YEAR OVERLAP WITH THE EXISTING LIBRARY BUILDING GO BOND DEBT SERVICE. THE OVERLAP PERIOD ENDS IN FY 2018-19 AS THE LIBRARY BONDS MATURE ON JUNE 30, 2019.

BP WORKSHEET & JUSTIFICATION

FUND: 201 GENERAL BONDED DEBT FUND
DEPT: 20 FINANCE DEPARTMENT
PROGRAM: 0001 DEBT SERVICE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE													
707 BOND PRINCIPAL 2005 GO REFUND													
	1,450,000		1,530,000		1,480,000		1,480,000	1,000,000		1,000,000			
712 BOND INTEREST 2017 GO													
					1,485,511		1,485,511	1,130,622		1,130,622			
736 BOND INTEREST 2005 GO REFUND													
	273,000		200,500		124,000		124,000	50,000		50,000			
TOTAL CLASS: 20 DEBT SERVICE													
	1,723,000		1,730,500		3,089,511		3,089,511	2,180,622		2,180,622			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
992 UNAPPROPRIATED ENDING FUND BAL													
					165,064			185,743		85,743			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					165,064			185,743		85,743			
TOTAL PROGRAM: 0001 DEBT SERVICE													
	1,723,000		1,730,500		3,254,575		3,089,511	2,366,365		2,266,365			
TOTAL DEPARTMENT: 20 FINANCE DEPARTMENT													
	1,723,000		1,730,500		3,254,575		3,089,511	2,366,365		2,266,365			
TOTAL FUND: 201 GENERAL BONDED DEBT FUND													
	1,723,000		1,730,500		3,254,575		3,089,511	2,366,365		2,266,365			

BP WORKSHEET & JUSTIFICATION

FUND: 201 GENERAL BONDED DEBT FUND
DEPT: 20 FINANCE DEPARTMENT
PROGRAM: 0001 DEBT SERVICE

OBJ	OBJECT DESCRIPTION JUSTIFICATIONS
707	BOND PRINCIPAL 2005 GO REFUND PRINCIPAL DEBT SERVICE ON 2005 LIBRARY REFUNDING BONDS. THIS IS THE LAST PRINCIPAL PAYMENT ON THE LIBRARY BONDS AS THEY MATURE IN FY 2018-19 WITH THE FINAL DEBT SERVICE PAYMENT ON JUNE 1, 2019. $1,000,000
712	BOND INTEREST 2017 GO INTEREST DEBT SERVICE ON 2017 PUBLIC SAFETY CENTER GO BONDS. $1,130,622 THE BONDS MATURE IN FY 2018-19. PRINCIPAL PAYMENTS BEGIN IN FY 2020-21
736	BOND INTEREST 2005 GO REFUND INTEREST DEBT SERVICE ON 2005 LIBRARY REFUNDING BONDS. THIS IS THE LAST INTEREST PAYMENT ON THE LIBRARY BONDS AS THEY MATURE IN FY 2018-19 WITH THE FINAL DEBT SERVICE PAYMENT ON JUNE 1, 2019. $50,000
992	UNAPPROPRIATED ENDING FUND BAL

Special Revenue
Debt Fund

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Special Revenue Debt Fund**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Debt Service	$1,084,057	$1,084,057	$1,084,057	$1,084,057	$1,084,058	0.00%
SUB-TOTAL	1,084,057	1,084,057	$1,084,057	$1,084,057	$1,084,058	
Contingency - Reserve			274,211		279,013	
			0			
TOTAL	$ 1,084,057	$ 1,084,057	$1,358,268	$1,084,057	$1,363,071	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than $10,000):

Debt Service:
No significant change

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET
CURRENT LEVEL OF SERVICES

FUND: 202 SPECIAL REVENUE DEBT FUND	**DEPARTMENT:** FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

MISSION STATEMENT:

Debt management of outstanding Revenue Bonds. The bonded debt of this fund is for the "tenant improvements" of City Hall (The Beaverton Building). Payments of the principal and interest are funded through an annual appropriation and transfer of a portion of the Right of Way (ROW) fees from the General Fund. There are no property taxes supporting the debt service for this borrowing so it is not subject to the $10 governmental limit set by Measure 5.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
DEBT SERVICE	$1,084,057	$1,084,057	$1,084,057	$1,084,058	$0
TRANSFERS					
CONTINGENCY	0	0	274,211	279,013	0
TOTAL	**$1,084,057**	**$1,084,057**	**$1,358,268**	**$1,363,071**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$268,948	$270,050	$271,808	$274,211	$0
Franchise Fee Allocation from General Fund	1,084,060	1,084,060	1,084,060	1,084,060	0
Miscellaneous Revenue	1,100	1,756	2,400	4,800	0

This Revenue Bond is for improvements made to the City Hall at The Beaverton Building. The City purchased the building in April 2012 from cash reserves. The City Council authorized the issuance of Revenue Bonds for the improvements in June 2013. The interest rate is 2.31%. The amount borrowed was $7 million and matures in seven years. Occupancy occurred in August 2014. Approximately $93,500 is transferred from the operating funds (i.e. Building, Water) with staff in The Beaverton Building to the General Fund as a contribution toward the annual debt service obligations.

The City Council pledges its ROW fees to fund the principle and interest. The annual ROW fees exceed $10 million and annual debt service will require only a portion of that revenue stream. The terms of the borrowing require a debt service coverage ratio equal to at least 1.20% of annual debt service.

The debt service schedule achieves maturity with a final payment due October 1, 2020.

FISCAL YEAR	INTEREST	PRINCIPAL	TOTAL
2018-19	$45,885	$1,038,173	$1,084,058
2019-20	21,648	1,062,410	1,084,058
2020-21	1,732	359,620	361,352
	$69,265	**$2,460,203**	**$2,529,468**

These same revenue sources also serve as secondary security for a Line of Credit (revenue bond) issued to the Beaverton Urban Redevelopment Agency (BURA) on a parity basis with this 2013 Special Revenue Bond. BURA intends to pay the principal and interest on the Line of Credit from tax increment earned in the urban renewal area. Interest only payments are required until maturity in FY 2020-21. See BURA Debt Service (Fund 903) for more information.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 202 SPECIAL REVENUE DEBT FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-268,948		-270,050		-271,808		-271,808	-271,808	-274,211		-274,211			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-268,948		-270,050		-271,808		-271,808	-271,808	-274,211		-274,211			
CLASS: 10 TAXES														
309 ROW FEE - ALLOCATION FROM GF														
	-1,084,060		-1,084,060		-1,084,060		-903,383	-1,084,060	-1,084,060		-1,084,060			
TOTAL CLASS: 10 TAXES														
	-1,084,060		-1,084,060		-1,084,060		-903,383	-1,084,060	-1,084,060		-1,084,060			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-1,100		-1,756		-2,400		-1,794	-2,400	-4,800		-4,800			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-1,100		-1,756		-2,400		-1,794	-2,400	-4,800		-4,800			
TOTAL DEPARTMENT: 03 REVENUE														
	-1,354,108		-1,355,866		-1,358,268		-1,176,985	-1,358,268	-1,363,071		-1,363,071			

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 202 SPECIAL REVENUE DEBT FUND DEPT: 20 FINANCE DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE														
739 BOND PRIN 2013 SPEC REV BONDS														
	968,728		991,344		1,014,488		843,777	1,014,488	1,038,173		1,038,173			
740 BOND INTRST 2013 SPEC REV BOND														
	115,329		92,713		69,569		59,604	69,569	45,885		45,885			
TOTAL CLASS: 20 DEBT SERVICE														
	1,084,057		1,084,057		1,084,057		903,381	1,084,057	1,084,058		1,084,058			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
992 UNAPPROPRIATED ENDING FUND BAL														
					274,211				279,013		279,013			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					274,211				279,013		279,013			
TOTAL DEPARTMENT: 20 FINANCE DEPARTMENT														
	1,084,057		1,084,057		1,358,268		903,381	1,084,057	1,363,071		1,363,071			

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BP WORKSHEET & JUSTIFICATION

FUND: 202 SPECIAL REVENUE DEBT FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	268,948		270,050		271,808		271,808	274,211		274,211			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	268,948		270,050		271,808		271,808	274,211		274,211			
CLASS: 10 TAXES													
309 ROW FEE - ALLOCATION FROM GF													
	1,084,060		1,084,060		1,084,060		1,084,060	1,084,060		1,084,060			
TOTAL CLASS: 10 TAXES													
	1,084,060		1,084,060		1,084,060		1,084,060	1,084,060		1,084,060			
CLASS: 35 MISCELLANEOUS REVENUES													
384 INVESTMENT INTEREST EARNINGS													
	1,100		1,756		2,400		2,400	4,800		4,800			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	1,100		1,756		2,400		2,400	4,800		4,800			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	1,354,108		1,355,866		1,358,268		1,358,268	1,363,071		1,363,071			
TOTAL DEPARTMENT: 03 REVENUE													
	1,354,108		1,355,866		1,358,268		1,358,268	1,363,071		1,363,071			

BP WORKSHEET & JUSTIFICATION

FUND: 202 SPECIAL REVENUE DEBT FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION JUSTIFICATIONS
301	BEGINNING WORKING CAPITAL
309	ROW FEE - ALLOCATION FROM GF TRANSFER ROW FEE REVENUE FROM THE GENERAL FUND TO PAY THE MONTHLY PRINCIPAL AND INTEREST ON THE BONDS AND PROVIDE FOR THE DEBT SERVICE RESERVE EQUALING 25% OF THE ANNUAL DEBT SERVICE. THE BONDS MATURE ON OCTOBER 1, 2020, WITH A FINAL PAYMENT OF $361,352 IN FY 2019-20 CONSISTING OF $359,620 IN PRINCIPAL AND $1,732 IN INTEREST.
384	INVESTMENT INTEREST EARNINGS FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50% FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55% FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10% FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

BP WORKSHEET & JUSTIFICATION

FUND: 202 SPECIAL REVENUE DEBT FUND
DEPT: 20 FINANCE DEPARTMENT
PROGRAM: 2001 SOUTH OFFICE BUILDING DEBT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE													
739 BOND PRIN 2013 SPEC REV BONDS													
	968,728		991,344		1,014,488		1,014,488	1,038,173		1,038,173			
740 BOND INTRST 2013 SPEC REV BOND													
	115,329		92,713		69,569		69,569	45,885		45,885			
TOTAL CLASS: 20 DEBT SERVICE													
	1,084,057		1,084,057		1,084,057		1,084,057	1,084,058		1,084,058			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
992 UNAPPROPRIATED ENDING FUND BAL													
					274,211			279,013		279,013			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
					274,211			279,013		279,013			
TOTAL PROGRAM: 2001 SOUTH OFFICE BUILDING DEBT													
	1,084,057		1,084,057		1,358,268		1,084,057	1,363,071		1,363,071			
TOTAL DEPARTMENT: 20 FINANCE DEPARTMENT													
	1,084,057		1,084,057		1,358,268		1,084,057	1,363,071		1,363,071			
TOTAL FUND: 202 SPECIAL REVENUE DEBT FUND													
	1,084,057		1,084,057		1,358,268		1,084,057	1,363,071		1,363,071			

BP WORKSHEET & JUSTIFICATION

FUND: 202 SPECIAL REVENUE DEBT FUND
DEPT: 20 FINANCE DEPARTMENT
PROGRAM: 2001 SOUTH OFFICE BUILDING DEBT

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

739 BOND PRIN 2013 SPEC REV BONDS

PRINCIPAL COSTS ON THE 2013 SPECIAL REVENUE BOND DEBT FOR THE BEAVERTON BUILDING IMPROVEMENTS. THE BONDS MATURE ON OCTOBER 1, 2020, WITH A FINAL PRINCIPAL PAYMENT OF $359,620 IN FY 2019-20.

740 BOND INTRST 2013 SPEC REV BOND

INTEREST COST ON THE 2013 SPECIAL REVENUE BONDS FOR THE BEAVERTON BUIDLING IMPROVEMENTS THE BONDS MATURE ON OCTOBER 1, 2020, WITH A FINAL PAYMENT OF $1,732 IN FY 2019-20.

992 UNAPPROPRIATED ENDING FUND BAL

Assessment Debt Fund

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Assessment Debt Service**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Transfers	$72,845	$3,189	$18,319	$18,700	$14,400	-21.39%
SUB-TOTAL	$72,845	$3,189	$18,319	$18,700	$14,400	
Contingency - Reserve			-		-	
TOTAL	$72,845	$3,189	$18,319	$18,700	$14,400	

Explanation of item(s) that are significant (10% and greater than $10,000):

Transfers:
FY 2018-19 reflects a reduction in the transfers to the storm drain fund for financing of the LID construction

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2018-19 BUDGET

FUND:	DEPARTMENT:
401 ASSESSMENT #1	FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

MISSION STATEMENT:

Management of assessment districts debt service requirements.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
TRANSFERS	$72,845	$3,189	$18,319	$14,400	$0
CONTINGENCY					
TOTAL	**$72,845**	**$3,189**	**$18,319**	**$14,400**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$61,863	$0	$0	$0	$0
Miscellaneous Revenue	1,228	557	3,519	3,600	0
Assessment Principal	9,754	2,632	14,800	10,800	0

The Assessment Debt Service Fund accounts for the financing and collection of assessments from benefited property owners and the payment of principal and interest on improvement bonds. The primary source of funds are principal collections and interest earning on local improvement districts.

Remaining balances have been transferred to appropriate funds as all projects are closed and accounts are paid by the end of FY 2013-14.

From time to time, members of the staff discuss the formation of local improvement districts crafted to respond to infrastructure issues in an area and the respective benefits. If additional LIDs are formed they will be reflected in this fund.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 401 ASSESSMENT FUND #1 DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-61,863													
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-61,863													
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-36		-21		-19		-39	-100	-100		-100			
385 INTEREST COLLECTED ON ASSMTS														
	-1,192		-536		-3,500		-576	-3,800	-3,500		-3,500			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-1,228		-557		-3,519		-615	-3,900	-3,600		-3,600			
CLASS: 45 NON-REVENUE RECEIPTS														
455 ASSMT PMTS - BONDED PRINCIPAL														
	-9,754		-2,632		-14,800		-6,409	-14,800	-10,800		-10,800			
TOTAL CLASS: 45 NON-REVENUE RECEIPTS														
	-9,754		-2,632		-14,800		-6,409	-14,800	-10,800		-10,800			
TOTAL DEPARTMENT: 03 REVENUE														
	-72,845		-3,189		-18,319		-7,024	-18,700	-14,400		-14,400			

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 401 ASSESSMENT FUND #1 DEPT: 20 FINANCE DEPARTMENT

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 25 TRANSFERS														
807 TRSFR TO GENERAL FUND														
	61,863				1,300			1,300	1,300		1,300			
829 TRSFRS TO STORM DRAIN FUND														
	10,982		3,189		17,019			17,400	13,100		13,100			
TOTAL CLASS: 25 TRANSFERS														
	72,845		3,189		18,319			18,700	14,400		14,400			
TOTAL DEPARTMENT: 20 FINANCE DEPARTMENT														
	72,845		3,189		18,319			18,700	14,400		14,400			

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Water Debt Service Fund

CITY OF BEAVERTON
BUDGET TREND ANALYSIS - FY 2015-16 TO FY 2018-19
With Explanations on Significant Changes between Budgeted 2017-18 and Recommended 2018-19

Fund: **Water Debt Service**

CLASS	Actual FY 2015-16	Actual FY 2016-17	Budget FY 2017-18	Estimated FY 2017-18	Recommended FY 2018-19	% Change Budgeted Vs. Recommended
Debt Service	$2,121,909	$1,499,208	$748,426	$748,426	$2,293,004	206.38%
SUB-TOTAL	$2,121,909	$1,499,208	$748,426	$748,426	$2,293,004	
Contingency			71,954		72,854	
TOTAL	$2,121,909	$1,499,208	$820,380	$748,426	$2,365,858	

Explanation of item(s) that are significant (10% and greater than $10,000):

Debt Service:
FY 2018-19 reflects the issuance of $21 million in water revenue bonds and the corresponding increase in principal and interest debt service payments.

FUND:	DEPARTMENT:
504 WATER DEBT SERVICE	FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE

MISSION STATEMENT:

Amounts budgeted in this fund are for payment of maturing principal and interest of the Water Revenue and Refunding Bond Series 2016, a Series 2018 Water Revenue Bond and a loan from the State of Oregon Infrastructure Financing Authority (Drinking Water Revolving Fund). Transfer expenditures are for the unspent water revenue bond proceeds and are contributed to the construction fund for the uncompleted water projects included in the bond sale, if any. Contingency is the unappropriated excess of resources over expenditure requirements.

REQUIREMENTS	FY 2015-16 ACTUAL	FY 2016-17 ACTUAL	FY 2017-18 BUDGETED	FY 2018-19 PROPOSED	FY 2018-19 ADOPTED
POSITION					
DEBT SERVICE	$2,121,909	$1,499,208	$748,426	$2,293,004	$0
TRANSFERS					
CONTINGENCY	0	0	71,954	72,854	0
TOTAL	**$2,121,909**	**$1,499,208**	**$820,380**	**$2,365,858**	**$0**

Funding Sources:	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2018-19
Beginning Working Capital	$69,556	$70,879	$68,321	$71,954	$0
Miscellaneous Revenue	1,323	1,490	600	900	0
Transfers from Water Fund	2,121,909	1,495,160	751,459	2,293,004	0

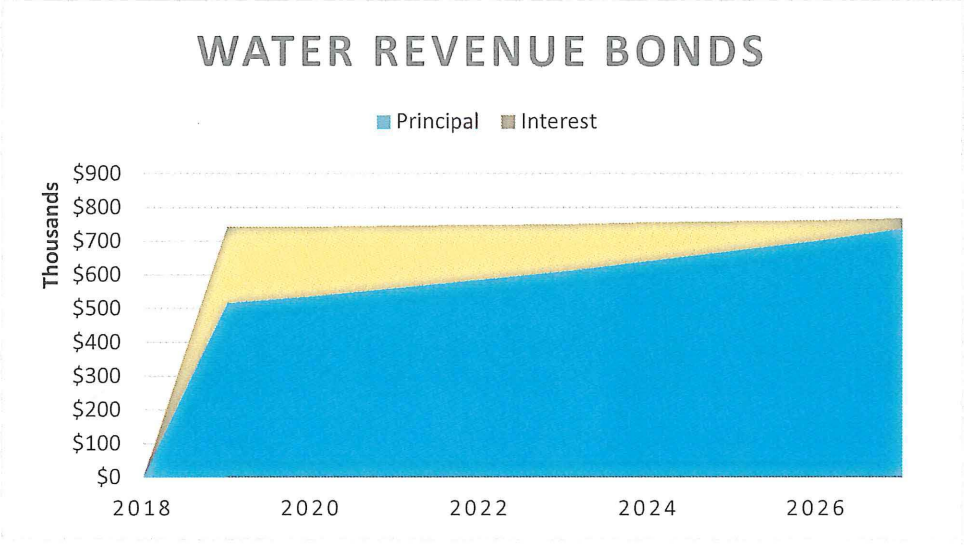
WATER BONDS

Water Revenue and Refunding Bonds Series 2016 were issued in November 2016, with an interest rate of 1.84% in an original amount of $5,615,000. The refunding resulted in net present value savings of approximately $611,104. The proceeds of the initial series 2006 Water Revenue Bond were used to finance the costs of additions, replacements, expansions and/or improvements to the City's Water System, and the acquisition of all real and personal property necessary, useful or convenient thereto and the City's share of the Joint Water Commission capital expansion project. The remaining principal and interest payments for Water Revenue and Refunding Bonds Series 2016 are as follows:

FISCAL YEAR	PRINCIPAL	INTEREST	TOTAL
2018-2019	590,000	92,644	682,644
2019-2020	600,000	81,788	681,788
2020-2021	610,000	70,748	680,748
2021-2022	625,000	59,524	684,524
2022-2023	635,000	48,024	683,024
2023-2024	645,000	36,340	681,340
2024-2025	660,000	24,472	684,472
2025-2026	670,000	12,328	682,328
Total	$5,035,000	425,868	$5,460,868

In June 2018, the City is planning to issue up to $21,000,000 in Water Revenue Bonds. The bond proceeds will be used to finance the costs of infrastructure construction in the new South Cooper Mountain area: a second 5.5mg reservoir at the existing Cooper Mountain Reservoir site with applicable transmission and distribution lines and opportunity projects with other jurisdictions that would result in savings to the City based on the timing of construction. Since the City expects to issue late in fiscal year, there would be no principal or interest payments in FY 17-18. The debt service schedule will appear in the FY 2018-19 budget document.

FUND:	DEPARTMENT:
504 WATER DEBT SERVICE	FINANCE
	DEPARTMENT HEAD: PATRICK O'CLAIRE



Current Debt Service Projections (2016 Series)

SAFE DRINKING WATER REVOLVING LOAN

The City entered into a financing contract with the State of Oregon, acting by and through the Oregon Infrastructure Finance Authority (IFA), for the financing of the Aquifer Storage and Recovery Well Number 5. The loan is federal financial assistance under Capitalization Grants for Drinking Water State Revolving Funds and is pass-thru financing from the State. The IFA provides the City with a 20 year non-revolving loan with an interest rate of 2.96% in the amount of $5,000,000 of which $750,000 is a forgivable loan, leaving a remaining loan of $4,250,000. The allowance of a $750,000 "forgivable" portion of the loan brings the net interest rate to nearly zero.

The terms of the loan include that the project be completed within 36 months of the date of the contract which was entered into on 12/9/2015. Repayment starts 90 days after the earlier of the project completion date or 36 month deadline and are due and payable each December 1. Repayment is expected to begin sometime in FY 17-18 and the schedule is dependent on the rate of expenditure and draw-down of funds. Future budgets will contain detail on these obligations.

Performance Measures:	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budgeted/Revised	FY 2018-19 Proposed
Water Revenue Bond Debt Service Ratio Coverage	3.88	4.38	7.54 / 7.35	7.0

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 504 WATER DEBT SERVICE FUND DEPT: 03 REVENUE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL														
301 BEGINNING WORKING CAPITAL														
	-69,556		-70,879		-68,321		-68,321	-68,321	-71,954		-71,954			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL														
	-69,556		-70,879		-68,321		-68,321	-68,321	-71,954		-71,954			
CLASS: 35 MISCELLANEOUS REVENUES														
384 INVESTMENT INTEREST EARNINGS														
	-1,323		-1,490		-600		-93	-600	-900		-900			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES														
	-1,323		-1,490		-600		-93	-600	-900		-900			
CLASS: 40 INTERFUND TRANSFERS/LOANS														
419 TRSFRS FROM WATER FUND														
	-2,121,909		-1,495,160		-751,459		-116,768	-751,459	-2,293,004		-2,293,004			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-2,121,909		-1,495,160		-751,459		-116,768	-751,459	-2,293,004		-2,293,004			
TOTAL DEPARTMENT: 03 REVENUE														
	-2,192,788		-1,567,529		-820,380		-185,182	-820,380	-2,365,858		-2,365,858			

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 504 WATER DEBT SERVICE FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE														
708 BOND PRINCIPAL 2006														
	470,000		425,000											
719 2018 BOND PRINCIPAL WTR REV BOND														
									705,250		705,250			
720 2018 BOND INTEREST WTR REV BOND														
									840,000		840,000			
741 BOND PRIN 2014 WATER REV BONDS														
	1,292,024		751,225											
742 BOND INTRST 2014 WTR REV BONDS														
	30,240		11,118											
743 2016 BOND PRIN - REFUND 2006 REV BONDS														
					580,000			580,000	590,000		590,000			
744 2016 BOND INT - REFUND 2006 REV BONDS														
			58,259		103,316		51,658	103,316	92,644		92,644			
755 BOND INTEREST 2006														
	264,535		127,096											
798 CONTRACTUAL DEBT														
	65,110		65,110		65,110		65,110	65,110	65,110		65,110			
799 DEBT SERVICE FEES														
			61,400											
TOTAL CLASS: 20 DEBT SERVICE														
	2,121,909		1,499,208		748,426		116,768	748,426	2,293,004		2,293,004			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
992 UNAPPROPRIATED ENDING FUND BAL														

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 504 WATER DEBT SERVICE FUND DEPT: 85 PUBLIC WORKS - OPERATIONS

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018 YTD	2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
					71,954				72,854		72,854			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					71,954				72,854		72,854			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS														
	2,121,909		1,499,208		820,380		116,768	748,426	2,365,858		2,365,858			

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City of Beaverton - Finance
Budget Preparation - 2019

BP WORKSHEET & JUSTIFICATION

FUND: 504 WATER DEBT SERVICE FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 05 BEGINNING WORKING CAPITAL													
301 BEGINNING WORKING CAPITAL													
	69,556		70,879		68,321		68,321	71,954		71,954			
TOTAL CLASS: 05 BEGINNING WORKING CAPITAL													
	69,556		70,879		68,321		68,321	71,954		71,954			
CLASS: 35 MISCELLANEOUS REVENUES													
384 INVESTMENT INTEREST EARNINGS													
	1,323		1,490		600		600	900		900			
TOTAL CLASS: 35 MISCELLANEOUS REVENUES													
	1,323		1,490		600		600	900		900			
CLASS: 40 INTERFUND TRANSFERS/LOANS													
419 TRSFRS FROM WATER FUND													
	2,121,909		1,495,160		751,459		751,459	2,293,004		2,293,004			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS													
	2,121,909		1,495,160		751,459		751,459	2,293,004		2,293,004			
TOTAL PROGRAM: 0000 UNRESTRICTED													
	2,192,788		1,567,529		820,380		820,380	2,365,858		2,365,858			
TOTAL DEPARTMENT: 03 REVENUE													
	2,192,788		1,567,529		820,380		820,380	2,365,858		2,365,858			

BP WORKSHEET & JUSTIFICATION

FUND: 504 WATER DEBT SERVICE FUND
DEPT: 03 REVENUE
PROGRAM: 0000 UNRESTRICTED

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

301 BEGINNING WORKING CAPITAL

384 INVESTMENT INTEREST EARNINGS

INTEREST EARNINGS IS BASED ON AVAILABLE CASH BALANCES AND INTEREST RATES:
FY 15-16 BUDGETED INTEREST EARNINGS ARE BASED UPON .50%
FY 16-17 BUDGETED INTEREST EARNINGS ARE BASED UPON .55%
FY 17-18 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.10%
FY 18-19 BUDGETED INTEREST EARNINGS ARE BASED UPON 1.75%

419 TRSFRS FROM WATER FUND

FY 2015-16 AND FY 2016-17 COVERS DEBT SERVICE FOR:
2006 WATER REVENUE BONDS
2014 WATER REVENUE AND REFUNDING BONDS
BUREAU OF RECLAIMATION FOR 2 WATER RIGHTS CONTRACTS TOTALING 4,000 AC FT IN THE SCOGGINS RESERVOIR AND DAM.
FY 2017- 18 COVERS DEBT SERVOCE FOR:
2016 WATER REFUNDING BOND (REFUNDING THE 2006 BOND ISSUE)
BUREAU OF RECLAIMATION FOR 2 WATER RIGHTS CONTRACTS TOTALING 4,000 AC FT IN THE SCOGGINS RESERVOIR AND DAM.
FY 2018-19 COVERS DEBT SERVICE FOR:
2016 WATER REFUNDING BOND (REFUNDING THE 2006 BOND ISSUE)
BUREAU OF RECLAIMATION FOR 2 WATER RIGHTS CONTRACTS TOTALING 4,000 AC FT IN THE SCOGGINS RESERVOIR AND DAM.
2018 NEW $21 MILLION WATER REVENUE BOND ISSUE

BP WORKSHEET & JUSTIFICATION

FUND: 504 WATER DEBT SERVICE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0001 DEBT SERVICE

OBJ	2016 - ACTUAL		2017 - ACTUAL		2018 BUDGETED		2018	2019 - PROPOSED		2019 - RECOMD		2019 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 20 DEBT SERVICE													
708 BOND PRINCIPAL 2006	470,000		425,000										
719 2018 BOND PRINCIPAL WTR REV BOND								705,250		705,250			
720 2018 BOND INTEREST WTR REV BOND								840,000		840,000			
741 BOND PRIN 2014 WATER REV BONDS	1,292,024		751,225										
742 BOND INTRST 2014 WTR REV BONDS	30,240		11,118										
743 2016 BOND PRIN - REFUND 2006 REV BONDS					580,000		580,000	590,000		590,000			
744 2016 BOND INT - REFUND 2006 REV BONDS			58,259		103,316		103,316	92,644		92,644			
755 BOND INTEREST 2006	264,535		127,096										
798 CONTRACTUAL DEBT	65,110		65,110		65,110		65,110	65,110		65,110			
799 DEBT SERVICE FEES			61,400										
TOTAL CLASS: 20 DEBT SERVICE	2,121,909		1,499,208		748,426		748,426	2,293,004		2,293,004			
CLASS: 30 FUND BAL/CONTINGENCY/RESERVES													
992 UNAPPROPRIATED ENDING FUND BAL					71,954			72,854		72,854			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES					71,954			72,854		72,854			
TOTAL PROGRAM: 0001 DEBT SERVICE	2,121,909		1,499,208		820,380		748,426	2,365,858		2,365,858			
TOTAL DEPARTMENT: 85 PUBLIC WORKS - OPERATIONS	2,121,909		1,499,208		820,380		748,426	2,365,858		2,365,858			
TOTAL FUND: 504 WATER DEBT SERVICE FUND	2,121,909		1,499,208		820,380		748,426	2,365,858		2,365,858			

BP WORKSHEET & JUSTIFICATION

FUND: 504 WATER DEBT SERVICE FUND
DEPT: 85 PUBLIC WORKS - OPERATIONS
PROGRAM: 0001 DEBT SERVICE

OBJ	OBJECT DESCRIPTION
	JUSTIFICATIONS

708 BOND PRINCIPAL 2006
PRINCIPAL PAYMENT 2006 BOND ISSUE.

719 2018 BOND PRINCIPAL WTR REV BOND
BOND PRINCIPAL 2018 WATER REVENUE BONDS $705,250

720 2018 BOND INTEREST WTR REV BOND
BOND INTEREST 2018 WATER REVENUE BONDS $840,000

741 BOND PRIN 2014 WATER REV BONDS
PRINCIPAL PAYMENT 2014 WATER REVENUE REFUNDING BONDS; THESE BONDS WERE ISSUED TO REFUND THE OUTSTANDING 2004 AND 2004B WATER REVENUE BONDS

742 BOND INTRST 2014 WTR REV BONDS
INTEREST 2014 WATER REVENUE REFUNDING BONDS; THESE BONDS WERE ISSUED TO REFUND THE OUTSTANDING 2004 AND 2004B WATER REVENUE BONDS

743 2016 BOND PRIN - REFUND 2006 REV BONDS

744 2016 BOND INT - REFUND 2006 REV BONDS

755 BOND INTEREST 2006
INTEREST PAYMENT 2006 BOND ISSUE

798 CONTRACTUAL DEBT
DEBT ON SCOGGINS DAM

799 DEBT SERVICE FEES
DEBT SERVICE FEES FOR BOND PAYING AGENT SERVICES

992 UNAPPROPRIATED ENDING FUND BAL