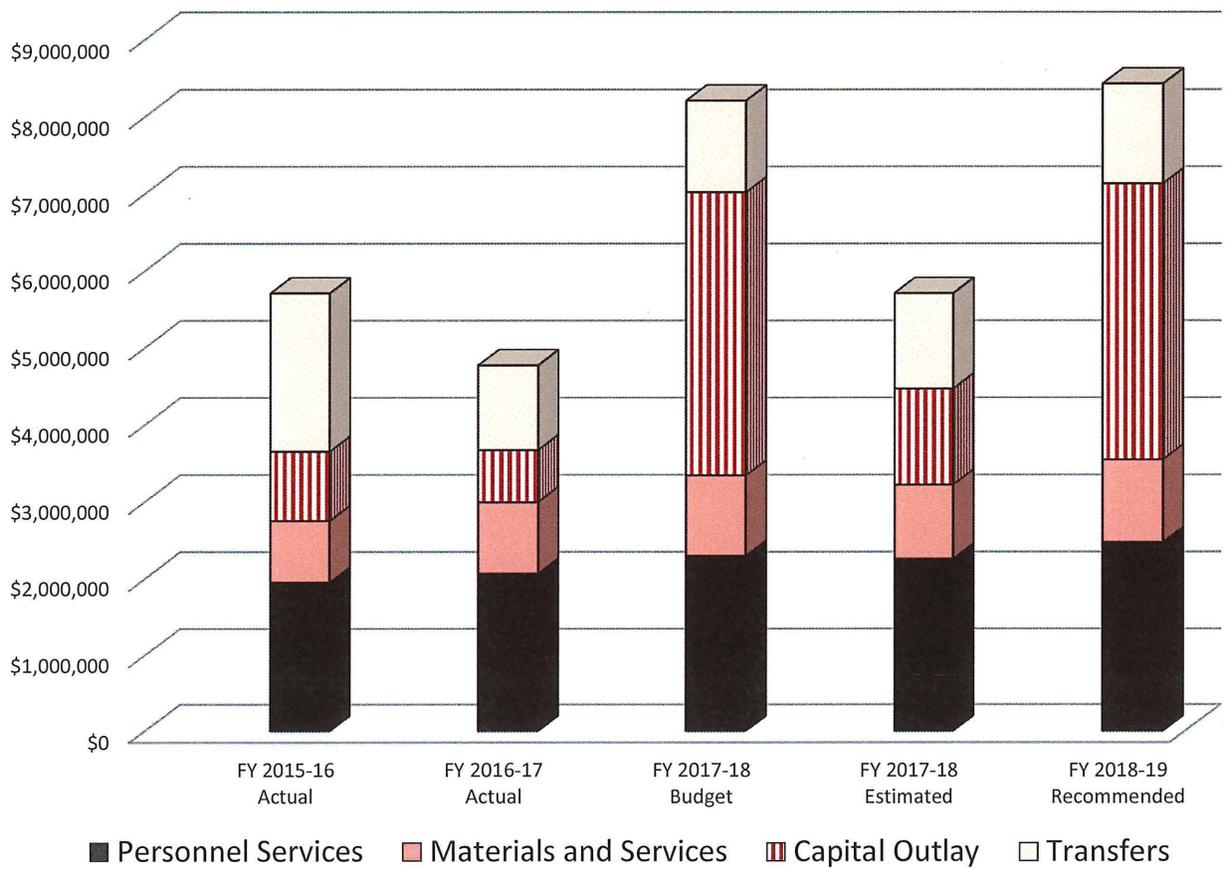




## STORM DRAIN FUND SUMMARY RECOMMENDED FY 18-19



**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%
<b>SUB-TOTAL</b>	<b>\$5,706,654</b>	<b>\$4,769,621</b>	<b>\$8,204,049</b>	<b>\$5,704,670</b>	<b>\$8,422,713</b>	
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	
<b>TOTAL</b>	<b>\$5,706,654</b>	<b>\$4,769,621</b>	<b>\$16,450,649</b>	<b>\$5,704,670</b>	<b>\$17,085,005</b>	
<b>FTE's</b>	<b>19.59</b>	<b>19.59</b>	<b>20.17</b>		<b>20.45</b>	

**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

CITY OF BEAVERTON, OREGON  
FISCAL YEAR 2018-19 BUDGET

<b>FUND:</b> 513 STORM DRAIN	<b>SUMMARY FOR STORM DRAIN FUND:</b> INCLUDING: CIP PROJECTS, FINANCE, AND PUBLIC WORKS
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**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
<b>TOTAL</b>	<b>\$5,706,654</b>	<b>\$4,769,621</b>	<b>\$16,450,649</b>	<b>\$17,085,005</b>	<b>\$0</b>

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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0740 ENTERPRISE MANAGEMENT & ADMIN.	<b>PROGRAM MANAGER:</b> 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
<b>TOTAL</b>	<b>\$250,406</b>	<b>\$287,906</b>	<b>\$477,847</b>	<b>\$452,083</b>	<b>\$0</b>

**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 173<sup>rd</sup> Washington County MSTIP – done
  - 5090 SW 158th, Jenkins to Walker Road Washington County MSTIP– construction almost done
  - 5090(a) SW Jenkins Road, 158<sup>th</sup> 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

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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0740 ENTERPRISE MANAGEMENT & ADMIN.	<b>PROGRAM MANAGER:</b> 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 144<sup>th</sup> 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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0740 ENTERPRISE MANAGEMENT & ADMIN.	<b>PROGRAM MANAGER:</b> 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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0734 STORM DRAIN MAINTENANCE	<b>PROGRAM MANAGER:</b> 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
<b>TOTAL</b>	<b>\$2,997,167</b>	<b>\$3,498,687</b>	<b>\$12,223,286</b>	<b>\$12,299,155</b>	<b>\$0</b>

**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 uniformly 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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0734 STORM DRAIN MAINTENANCE	<b>PROGRAM MANAGER:</b> TERRY PRIEST

<b>Program Objective:</b>	<b>FY 2015-16</b>	<b>FY 2016-17</b>	<b>FY 2017-18</b>	<b>FY 2018-19</b>
Perform maintenance services and inspections to meet regulatory requirements:	<b>Actual</b>	<b>Actual</b>	<b>Budgeted/Revised</b>	<b>Proposed</b>
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

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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0734 STORM DRAIN MAINTENANCE	<b>PROGRAM MANAGER:</b> 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.

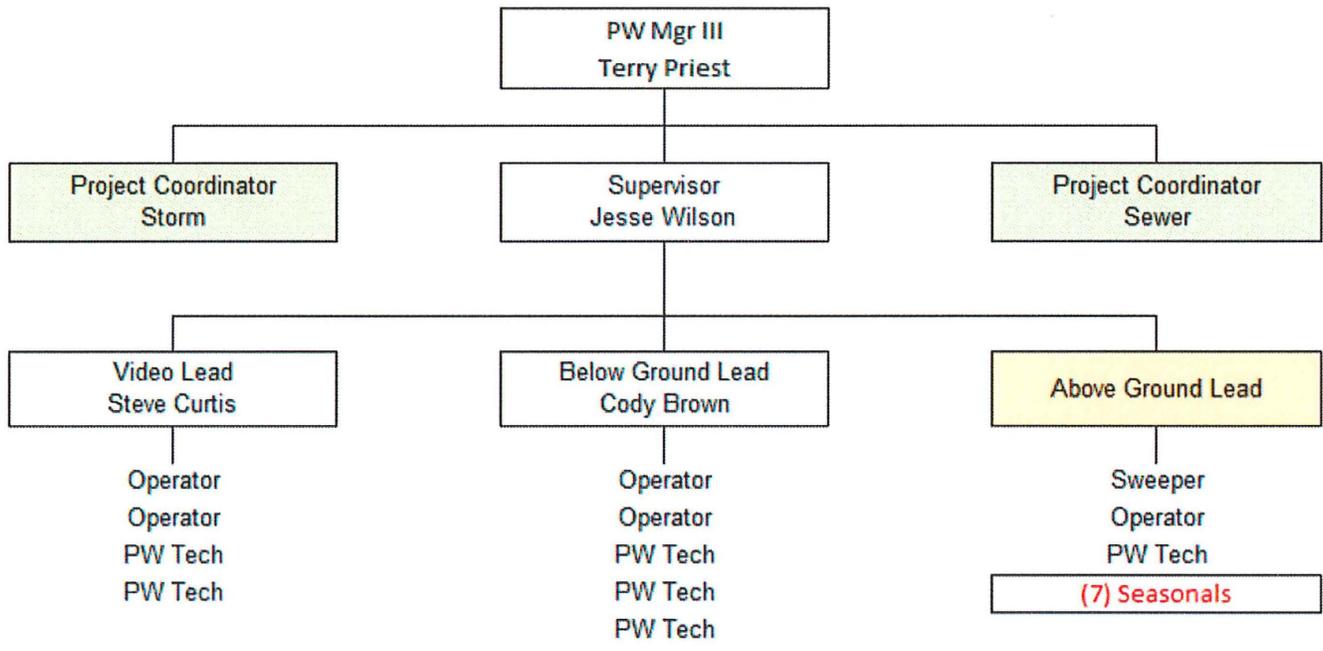
	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
<b>Performance Measures: *</b>	<b>Actual</b>	<b>Actual</b>	<b>Budgeted/Revised</b>	<b>Proposed</b>
Perform maintenance services and inspections to meet regulatory requirements:				
Routine Pipeline Cleaning: amount cleaned per quarter – linear feet (LF)	55,250	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

<b>FUND:</b> 513 STORM DRAIN	<b>DEPARTMENT:</b> PUBLIC WORKS
<b>PROGRAM:</b> 0739 STORM CONSTRUCTION	<b>PROGRAM MANAGER:</b> MARK OLSON

**Program Goal:**

To complete improvement projects and repairs to the city's storm and surface water system 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 infrastructure 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
<b>TOTAL</b>	<b>\$246,141</b>	<b>\$203,775</b>	<b>\$456,196</b>	<b>\$444,655</b>	<b>\$0</b>

**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 requirements.

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
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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
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329 OTHER INTERGOVERNMENTAL REV

-178,348
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TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

-178,348
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CLASS: 20 PERMITS & FEES

347 STORM WTR DETENTION QUANTITY

-29,116	-7,639	-10,000	-18,462	-18,000	-20,000	-20,000
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348 STORM WTR DETENTION QUALITY

-16,009	-11,619	-5,000	-43,943	-45,000	-20,000	-20,000
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349 EROSION CONTROL FEES

-62,313	-42,775	-50,000	-76,400	-50,000	-50,000	-50,000
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352 STORM WATER CONVEYANCE FEES

-677,460	-248,196	-435,000	-154,458	-150,000	-150,000	-150,000
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TOTAL CLASS: 20 PERMITS & FEES

-784,898	-310,229	-500,000	-293,263	-263,000	-240,000	-240,000
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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
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367 UTILITY SURCHARGE

-1,374,854	-1,378,852	-1,380,000	-1,055,677	-1,400,000	-1,400,000	-1,400,000
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369 UTILITY SALES ALLOWANCES

**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		-7,350	
398 SRVS PROVIDED TO OTHER FUNDS														
	-81,726		-5,017		-50,000		-17,512	-20,000	-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 TRSFERS FROM ASSESSMENT FUND #1

	-10,982		-3,189		-17,019			-17,400		-13,100			-13,100	
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TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS

	-10,982		-3,189		-17,019			-17,400		-13,100			-13,100	
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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	
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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													

**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	TRSFERS TO REPROGRAPHICS FUND													
	1,157		711		826		571	826		1,387		1,387		
835	TRSFER TO GF, BVTN BLDG OPERATIONS													
					20,076		16,730	20,076		10,038		10,038		
836	TRSFER 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	

### 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

0854 814 TRSFERS 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

**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

**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						
0856 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			

**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			
0857 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	TRSFER TO GENERAL FD - OVERHEAD													
	280,673		330,520		318,887		265,739	318,887	332,806		332,806			
802	TRSFER TO GENERAL FD-ACCOUNTING													
	69,556		46,631		28,616		23,847	28,616	62,355		62,355			
803	TRSFER TO GENERAL FD-LANDSCAPE													
	12,723		13,871		16,043		13,369	16,043	16,734		16,734			
804	TRSFER - OPERATIONS ADMIN													
	214,314		252,722		247,169		205,974	299,531	237,588		237,588			
805	TRSFER TO G/F BLDG MAINT													
	11,923		12,288		14,244		11,870	14,244	12,398		12,398			
808	TRSFERS TO GIS PGRM (TO ISD FUND 2018-19)													
	69,124		84,496		141,672		118,060	141,672	153,606		153,606			

**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	TRSFERS TO GARAGE FUND													
	164,736		152,946		127,546		110,280	127,546	186,904		186,904			
818	TRSFERS TO ISD-ALLOCATED													
	102,671		94,268		117,908		98,257	117,908	142,713		142,713			
819	TRSFERS 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		

0358

**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
	<b>Total</b>	<b>17.96</b>	<b>18.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>18.54</b>

**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 <sup>a</sup>		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) <sup>a</sup>		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 <sup>b</sup>		2.83
176	PUBLIC WORKS EQUIPMNT OPERATOR	4.50					4.50
177	PUBLIC WORKS TECHNICIAN	6.00			(1.00) <sup>b</sup>		5.00
188	INVENTORY CONTROL TECHNICIAN	0.15		(0.15) <sup>c</sup>			0.00
221	SUPPORT SPECIALIST 2	0.25					0.25
	<b>Total</b>	<b>18.54</b>	<b>0.00</b>	<b>(0.15)</b>	<b>0.00</b>	<b>0.00</b>	<b>18.39</b>

<sup>a</sup> FY 18-19 reflects reclassification of an Engineering Tech 2 position to Program Coordinator - Public Works.

<sup>b</sup> FY 18-19 reflects reclassification of a Public Works Technician position to a Public Works Lead position.

<sup>c</sup> 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					
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329	OTHER INTERGOVERNMENTAL REV												
		178,348											

TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

		178,348											
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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					
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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					
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**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 MANAGEMENT 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				106,100		159,200	195,500		195,500			
	59,627		106,376										
389	MISCELLANEOUS REVENUES												
	375		25,063										
394	MISC INTEREST EARNINGS				7,350		7,350	7,350		7,350			
	7,650		6,950										
398	SRVS PROVIDED TO OTHER FUNDS				50,000		20,000	20,000		20,000			
	81,726		5,017										
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			
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CLASS: 40 INTERFUND TRANSFERS/LOANS

417	TRSFERS FROM ASSESSMENT FUND #1				17,019		17,400	13,100		13,100			
	10,982		3,189										

TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS

	10,982		3,189		17,019		17,400	13,100		13,100			
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TOTAL PROGRAM: 0000 UNRESTRICTED

	15,244,644		15,340,463		16,450,649		16,620,725	17,081,005		17,085,005			
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TOTAL DEPARTMENT: 03 REVENUE

	15,244,644		15,340,463		16,450,649		16,620,725	17,081,005		17,085,005			
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**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		
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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 BIENNIAL RENEWAL FOR ONE PROJECT ENGINEER \$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	TRSFERS TO REPROGRAPHICS FUND												
	1,157		711		826		826	1,387		1,387			
835	TRSFER TO GF, BVTN BLDG OPERATIONS												
					20,076		20,076	10,038		10,038			
836	TRSFER 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 TRSFERS 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.)

City of Beaverton - Finance  
 Budget Preparation - 2019

**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 \$5,000 VIDEO 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		
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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 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
- 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 ADMINISTRATION 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		1,200	
434	CONSTRUCTION MATERIALS												
	4,090		12,867		87,000		40,000	87,000		87,000		87,000	
511	PROFESSIONAL SERVICES												
	1,780		1,063		75,000		79,000	77,500		77,500		77,500	
551	RENTS AND LEASES												
	1,196		1,404		4,000		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		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	TRSFERS TO GARAGE FUND												
			5,639		2,829		2,829	6,840		6,840		6,840	
TOTAL CLASS: 25 TRANSFERS													
			5,639		2,829		2,829	6,840		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	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	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	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 TRSFERS 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
0881	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

**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
0883	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