
Program: Utilities/Storm Water – Capital Construction

Services Delivered:

Storm Water and Open Space systems are required infrastructure to protect our community against flooding, assure the quality of water returned to the Rogue River and allow managed growth. The Storm Water and Open Space SDC is an incurred charge for the planning, acquisition and capital development of facilities to accommodate and control storm water runoff. This is a program to protect the capacity for current and future users of this system.

The capital improvement plan required by state law as the basis for expending revenues from the improvement fees portion of the Storm Water and Open Space System Development Charge; shall include the update to the Storm Water and Open Space Master Plan and implementation of the Storm Water Management program. The General Fund will also contribute funds to allow for the implementation of the Rogue Basin Total Maximum Daily Load & Water Quality Management Plan (TMDL), as directed by the Oregon Department of Environmental Quality.

Implemented by Council action in February of 2004, two distinct SDC fees were adopted. The Storm Water and Open Space Master Plan fee charged to all new developments is now \$487 per development. These monies will be used to pay for the planning, acquisition, and capital development of facilities to accommodate and control storm water runoff, directly associated open space, and water quality control facilities to clean surface water runoff prior to natural surface water conveyances. The second SDC fee is being collected for storm water construction in the Sand Creek sub-basin area, and the charge is currently \$0.33 per square foot of lot area. Both of these charges will be collected at the time of the building or development permit, until a new Storm Water Utility and System Development Charge is adopted by the City Council.

FY'18 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:

Maintain, Operate, and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met

Action 1: Initiate the preparation of a Storm Water Implementation Plan.

- Initiation of the Storm Water Implementation Plan will begin after the establishment of the Storm Water Utility.

Action 2: Create and initiate the Storm Water Utility.

- The Storm Water Utility will be established after the rate study in FY'17.

Program: Utilities/Storm Water – Capital Construction

Budget Highlights:

The project listing shows resources across the columns. Columns show the “Actual resources through FY’16”; the re-assessed resource needs of projects using current data for the “Revised FY’17” column, guiding our “Adopted FY’18” and resources estimated “Through FY’18”. We have “Future Years” and “Total Project” columns for each project. Refer to the Capital Budget Book for more information on individual projects.

The individual project pages describe the project, the need, future and ongoing costs, and the total project cost. The tables show when and where the money is budgeted to come from, and the expenses incurred and budgeted to incur through completion.

FY’17 Activity Review:

- Continued implementation of the TMDL Plan.
- Completed and adopted the Storm Water Master Plan.
- Started work on the Storm Water Management Manual.

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ACTIVE CAPITAL PROJECT RESOURCES

		Actual Through FY'16	Estimated FY'17	Adopted FY'18	Total Through FY'18	Future Years	Total Project
DO0000	Miscellaneous Projects - (648)	106,406	(40,000)	0	66,406	0	66,406
DO6071	TMDL Plan Implementation	180,000	15,000	15,000	210,000	105,000	315,000
DO6319	Storm Water Utility & SDC Study	0	45,000	15,000	60,000	0	60,000
DO6320	Storm Water Management Manual	0	50,000	0	50,000	0	50,000
DO6321	General Engineering Services	0	10,000	10,000	20,000	0	20,000
NEW PROJECTS							
DO6336	Detention Pond Maint./Upgrades	0	0	25,000	25,000	0	0
DO6337	Schroeder Lane North SD	<u>0</u>	<u>0</u>	<u>125,000</u>	<u>125,000</u>	<u>875,000</u>	<u>1,000,000</u>
	Total Projects	<u>286,406</u>	<u>80,000</u>	<u>190,000</u>	<u>556,406</u>	<u>980,000</u>	<u>1,511,406</u>
Storm Water SDC Funds							
	Miscellaneous Projects - SDC's (642)	843,768	129,070	(17,300)	955,538	(690,800)	264,738
	Miscellaneous Projects - AFD's (645)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total Miscellaneous Funds	<u>843,768</u>	<u>129,070</u>	<u>(17,300)</u>	<u>955,538</u>	<u>(690,800)</u>	<u>264,738</u>
<u>CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES</u>							
DO6169	Stormwater Plan Update	<u>395,000</u>	<u>30,000</u>	<u>0</u>	<u>425,000</u>	<u>0</u>	<u>425,000</u>
	Total Closed Projects	<u>395,000</u>	<u>30,000</u>	<u>0</u>	<u>425,000</u>	<u>0</u>	<u>425,000</u>
	Grand Total - All Storm Water Funds	<u>1,525,174</u>	<u>239,070</u>	<u>172,700</u>	<u>1,936,944</u>	<u>289,200</u>	<u>2,201,144</u>

Program: Utilities/Storm Water – Capital Construction

ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'18

	Adopted FY'18 Beginning Fund Balance	Adopted FY'18 Revenue	Adopted FY'18 Capital Outlay	Adopted FY'18 Transfers Out	Adopted FY'18 Appropriated Fund Balance
DO0000 Miscellaneous Projects - 648	6,482	0	0	0	6,482
DO6071 TMDL Plan Implementation	84,996	15,000	99,996	0	0
DO6319 Storm Water Utility & SDC Study	0	15,000	15,000	0	0
DO6320 Storm Water Management Manual	25,000	0	25,000	0	0
DO6321 General Engineering Services	7,000	10,000	17,000	0	0
NEW PROJECTS					
DO6336 Detention Pond Maint./Upgrades	0	25,000	25,000	0	0
DO6337 Schroeder Lane North SD	<u>0</u>	<u>125,000</u>	<u>125,000</u>	<u>0</u>	<u>0</u>
Total Projects	<u>123,478</u>	<u>190,000</u>	<u>306,996</u>	<u>0</u>	<u>6,482</u>
Storm Water SDC Funds					
Miscellaneous Projects - SDC's 642	337,836	(17,300)	0	0	320,536
Miscellaneous Projects - AFD's 645	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Miscellaneous Funds	<u>337,836</u>	<u>(17,300)</u>	<u>0</u>	<u>0</u>	<u>320,536</u>
Grand Total - All Storm Water Funds	<u>461,314</u>	<u>172,700</u>	<u>306,996</u>	<u>0</u>	<u>327,018</u>

Program: Utilities/Storm Water – Capital Construction

Financial Summary

	ACTUAL FY'15 \$	ACTUAL FY'16 \$	BUDGET FY'17 \$	REVISED FY'17 \$	A D O P T E D FY'18 \$	PROJECTED FY'19 \$
Beginning Fund Balance	<u>443,216</u>	<u>311,392</u>	<u>200,058</u>	<u>200,058</u>	<u>461,314</u>	<u>327,018</u>
Resources						
Development charges	79,075	123,674	25,000	25,000	107,200	107,200
Investment Interest	2,091	2,750	500	500	500	500
SDC/AFD Loans	2,466	2,333	0	0	0	0
General fund	15,000	11,404	35,000	35,000	50,000	0
Transportation Projects	<u>15,000</u>	<u>105,000</u>	<u>45,000</u>	<u>45,000</u>	<u>15,000</u>	<u>15,000</u>
<i>Total Current Revenues</i>	<i><u>113,632</u></i>	<i><u>245,161</u></i>	<i><u>105,500</u></i>	<i><u>105,500</u></i>	<i><u>172,700</u></i>	<i><u>122,700</u></i>
Total Resources	<u>556,848</u>	<u>556,553</u>	<u>305,558</u>	<u>305,558</u>	<u>634,014</u>	<u>449,718</u>
Requirements						
Capital Outlay	133,456	201,484	199,268	199,268	306,996	65,000
Transfers Out	<u>112,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<i><u>245,456</u></i>	<i><u>201,484</u></i>	<i><u>199,268</u></i>	<i><u>199,268</u></i>	<i><u>306,996</u></i>	<i><u>65,000</u></i>
Appropriated Fund Balance	<u>311,392</u>	<u>355,069</u>	<u>106,290</u>	<u>106,290</u>	<u>327,018</u>	<u>384,718</u>
Total Requirements	<u>556,848</u>	<u>556,553</u>	<u>305,558</u>	<u>305,558</u>	<u>634,014</u>	<u>449,718</u>

Program: Utilities/Storm Water – Capital Construction

Project	DO0000	Fund 648 General Storm Water & Open Space Projects
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Project Description

This project accounts for small miscellaneous projects, closed projects and projects that are in the process of starting up. Fund balances and miscellaneous expenditures that are not attributable to a specific project are accounted for in this project. Resources are distributed from this project to other active projects.



Need for Project

This project allows for tracking of fund balances and miscellaneous expenditures.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
Objective 5: Ensure storm water infrastructure needs are met.

Estimated Total Project Cost: No true cost is associated with this project.

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Investment Interest	92,297				92,297			92,297
AFD	12,858				12,858			12,858
General Fund – Policy & Legislation	46				46			46
Storm Water & Open Space Capital		(30,000)	(40,000)		(40,000)			(40,000)
Transportation Capital	1,205				1,205			1,205
Total Resources					66,406			66,406

Requirements

Expenditures	(76)				(76)			(76)
Transfers to Projects	60,000				60,000			60,000
Ending Balance by Year	46,482		6,482	6,482	6,482	6,482	6,482	6,482
Total Requirements					66,406			66,406

Program: Utilities/Storm Water – Capital Construction

Project	DO6071	TMDL Plan Implementation
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Project Description

This project will continue implementation of the new storm water TMDL requirements.

Need for Project

The City must meet new storm water TMDL requirements set by DEQ. The 5 year TMDL Implementation Plan was approved by DEQ. The plan includes items such as public education, shading of streams and planting of trees. Future funding for the implementation plan will come from the as yet un-adopted Storm Water Utility.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Plan implementation.

Estimated Total Project Cost: \$30,000 yearly as available (Project cost revised from \$45,000)

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	120,000				120,000		45,000	165,000
Gas Tax	60,000	15,000	15,000	15,000	90,000	15,000	45,000	150,000
Total Resources					210,000			315,000

Requirements

Expenditures	80,004	64,268	30,000	99,996	210,000	15,000	90,000	315,000
Transfers/Contingency					0			0
Ending Balance by Year	99,996	0	84,996	0	0	0	0	0
Total Requirements					210,000			315,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6319	Storm Water Utility & SDC Study
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Project Description

This project will evaluate and recommend appropriate storm water utility rates and storm water System Development Charges after the Storm Water Master Plan is adopted.

Need for Project

There is no storm water utility. Currently, non-street related storm water issues are funded by the general fund. After adoption of the Storm Water Master Plan, appropriate methodology will be used to help ensure new system users pay an appropriate share of the costs.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Not applicable.

Estimated Total Project Cost: \$65,000 revised from \$35,000 after receipt of proposals

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Storm Water & Open Space Projects			10,000		10,000			10,000
General Fund – Policy & Legislation		35,000	35,000	15,000	50,000			50,000
Total Resources					60,000			60,000

Requirements

Expenditures		35,000	45,000	15,000	60,000			60,000
Transfers/Contingency					0			0
Ending Balance by Year	0		0	0	0	0	0	0
Total Requirements					60,000			60,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6320	Storm Water Management Manual
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Project Description

The Storm Water Management Manual is a technical document outlining storm water management requirements for development and redevelopment projects within the City on both private and public property.

Need for Project

This manual will outline requirements and policies regarding storm water infiltration, discharge, flow control and pollution reduction. In addition, the manual will provide design guidelines and specifications for storm water management facilities to meet the City's requirements/policies. The manual will provide operations and maintenance requirements for all projects.

Council Strategic Goal:

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Not applicable.

Estimated Total Project Cost: \$50,000

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Storm Water & Open Space Projects		20,000	20,000		20,000			20,000
General Fund – Policy & Legislation					0			0
TR Capital Project Fund		30,000	30,000		30,000			30,000
Total Resources					50,000			50,000

Requirements

Expenditures		50,000	25,000	25,000	50,000			50,000
Transfers/Contingency					0			0
Ending Balance by Year	0		25,000	0	0	0	0	0
Total Requirements					50,000			50,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6321	General Engineering Services
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Project Description

This project will fund a variety of small engineering assignments on the City’s storm water facilities.

Need for Project

Given the nature of these individual assignments, it is desired for our master services consultant to provide general engineering support and guidance for the overall storm water program.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

General support for the storm water system.

Estimated Total Project Cost: \$10,000 per year as funds are available

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation				10,000	10,000			10,000
Storm Water & Open Space Capital Projects		10,000	10,000		10,000			10,000
Total Resources					20,000			20,000

Requirements

Expenditures		10,000	3,000	17,000	20,000			20,000
Transfers/Contingency					0			0
Ending Balance by Year	0		7,000	0	0	0	0	0
Total Requirements					20,000			20,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6336	Detention Pond Maintenance/Upgrades
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Project Description

This project would identify and account for larger maintenance within existing detention ponds and wetland areas. The maintenance items might include silt, large debris and dead vegetation removal and replanting of appropriate vegetation.

Need for Project

Detention ponds and wetland areas require periodic maintenance and upgrades to ensure they function properly. Some of the areas will require permits to perform the correct maintenance activities. This project will provide the funding for permits and maintenance/upgrades.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Routine and periodic maintenance.

Estimated Total Project Cost: \$10,000 per year as funds are available

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Gas Tax					0			0
General Fund – Policy & Legislation				25,000	25,000			25,000
					0			0
Total Resources					25,000			25,000

Requirements

Expenditures				25,000	25,000			25,000
Transfers/Contingency					0			0
Ending Balance by Year	0		0	0	0	0	0	0
Total Requirements					25,000			25,000

Program: Utilities/Storm Water – Capital Construction

Project	DO6337	Schroeder Lane North SD
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Project Description

Extend storm drain line from Schroeder Lane and Leonard Road north.

Need for Project

Currently the storm drain line ends with an invert elevation approximately 6 ½ feet below surface grade. This project will extend the storm drain line to a daylight exit and improve drainage from the south.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Preliminary design will determine routing and correct sizing of new pipe. Project cost estimate will be updated accordingly.

Estimated Total Project Cost: \$ 1,000,000

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Sand Creek SDC				125,000	125,000	50,000	825,000	1,000,000
Storm Water Fund					0			0
General Fund – Policy & Legislation					0			0
					0			0
Total Resources					125,000			1,000,000

Requirements

Expenditures				125,000	125,000	50,000	825,000	1,000,000
Transfers					0			0
Ending Balance by Year	0		0	0	0	0	0	0
Total Requirements					125,000			1,000,000

Project Closed – FY 2017

Program: Utilities/Storm Water – Capital Construction

Project	DO6169	Storm Water Master Plan Update
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Project Description

This project will update the 2007 draft master plan for adoption. The flow model, capital improvement plan (CIP) and financing alternatives will also be updated.

Need for Project

The 2007 draft master plan was never adopted. This project will update the draft plan to reflect the new Urban Growth Boundary. With the revised CIP, financing alternatives can be developed and evaluated.

Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs
 Objective 5: Ensure storm water infrastructure needs are met.

Future and Ongoing Costs

Plan adopted in 2016. Financing alternatives to be evaluated.

Estimated Total Project Cost: **\$435,000** (Revised from \$345,000 due to an additional 2 months of flow monitoring)

Resources

	Actual Through FY'16	FY'17 Adopted	FY'17 Estimated	FY'18 Adopted	Through FY'18	FY'19 Projected	Future	Total Project
Storm Water & Open Space SDC	395,000	40,000	30,000		425,000			425,000
General Fund – Policy & Legislation					0			0
					0			0
Total Resources					425,000			425,000

Requirements

Expenditures	391,580	40,000	33,420		425,000			425,000
Transfers/ Contingency					0			0
Ending Balance by Year	3,420	0	0	0	0	0	0	0
Total Requirements					425,000			425,000

