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## **Program: Utilities/Storm Water – Capital Construction**

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### **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'16 Anticipated Accomplishments & Corresponding Council Goal - Strategic Plan Item:**

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

##### **Objective 1: Plan and develop infrastructure**

- Continue update on Storm Water Master Plan, utility ordinance, fees and rates at the direction of City Council. The master plan will include a capital improvement plan which will prioritize the construction projects to be pursued in the future.

##### **Objective 5: Ensure storm facility infrastructure needs are met**

**Action 1:** Initiate the preparation of a storm water implementation plan following adoption of the Storm Water Master Plan.

- The implementation plan will dictate the project schedule.

**Action 2:** Create and initiate the Storm Water utility.

- The establishment of the utility will create a funding source for the capital projects.

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### **Budget Highlights:**

The project listing shows resources across the columns. Columns show the “Actual resources through FY’ 14”; the re-assessed resource needs of projects using current data for the “Revised FY’ 15” column, guiding our “Adopted FY’ 16” and resources estimated “Through FY’ 16”. We have “Future Years” and “Total Project” columns for each project.

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’15 Activity Review:**

- Continued implementation of the TMDL Plan.
- Continued the Update to the Storm Water Master Plan.

## Program: Utilities/Storm Water – Capital Construction

### ACTIVE CAPITAL PROJECT RESOURCES

	Actual Through FY'14	Revised FY'15	Adopted FY'16	Total Through FY'16	Future Years	Total Project
DO0000 Miscellaneous Projects - SDC's (642)	746,313	(53,000)	20,500	713,813	102,000	815,813
DO0000 Miscellaneous Projects - (648)	96,670	3,595	0	100,265	0	100,265
DO6071 TMDL Plan Implementation	120,000	30,000	30,000	180,000	120,000	300,000
DO6113 Storm Water Quality Feature North of Estates Lane	150,000	3,595	90,000	243,595	0	243,595
DO6169 Stormwater Plan Update	<u>285,000</u>	<u>105,000</u>	<u>5,000</u>	<u>395,000</u>	<u>0</u>	<u>395,000</u>
<b>Total Projects</b>	<b><u>1,397,983</u></b>	<b><u>89,190</u></b>	<b><u>145,500</u></b>	<b><u>1,632,673</u></b>	<b><u>222,000</u></b>	<b><u>1,854,673</u></b>

### CLOSED OR CANCELLED CAPITAL PROJECT RESOURCES

DO5074 Major Redwood Storm Project	<u>100,000</u>	<u>(3,595)</u>	<u>0</u>	<u>96,405</u>	<u>0</u>	<u>96,405</u>
<b>Total Closed Projects</b>	<b><u>100,000</u></b>	<b><u>(3,595)</u></b>	<b><u>0</u></b>	<b><u>96,405</u></b>	<b><u>0</u></b>	<b><u>96,405</u></b>
<b>Grand Total - All Projects</b>	<b><u>1,497,983</u></b>	<b><u>85,595</u></b>	<b><u>145,500</u></b>	<b><u>1,729,078</u></b>	<b><u>222,000</u></b>	<b><u>1,951,078</u></b>

### ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'16

	Adopted FY'16 Beginning Fund Balance	Adopted FY'16 Revenue	Adopted FY'16 Capital Outlay	Adopted FY'16 Transfers Out	Adopted FY'16 Appropriated Fund Balance
DO0000 Miscellaneous Projects - SDC's 642	58,313	20,500	0	0	78,813
DO0000 Miscellaneous Projects - 648	40,265	0	0	0	40,265
DO6071 TMDL Plan Implementation	49,329	30,000	79,329	0	0
DO6113 Storm Water Quality Feature North of Estates Lane	68,583	90,000	158,583	0	0
DO6169 Stormwater Plan Update	<u>45,320</u>	<u>5,000</u>	<u>50,320</u>	<u>0</u>	<u>0</u>
<b>Total Projects</b>	<b><u>261,810</u></b>	<b><u>145,500</u></b>	<b><u>288,232</u></b>	<b><u>0</u></b>	<b><u>119,078</u></b>

## Program: Utilities/Storm Water – Capital Construction

### ***Financial Summary***

	ACTUAL FY' 13 \$	ACTUAL FY' 14 \$	BUDGET FY' 15 \$	REVISED FY' 15 \$	ADOPTED FY' 16 \$	PROJECTED FY' 17 \$
Beginning Fund Balance	<u>826,532</u>	<u>533,135</u>	<u>287,549</u>	<u>287,549</u>	<u>261,810</u>	<u>119,078</u>
<b>Resources</b>						
Development charges	60,371	56,091	25,000	25,000	25,000	25,000
Investment Interest	3,893	3,125	2,000	2,000	500	500
SDC/AFD Loans	2,320	9,941	0	0	0	0
General fund	15,000	14,011	15,000	15,000	15,000	15,000
Transportation Projects	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>105,000</u>	<u>15,000</u>
<i>Total Current Revenues</i>	<u><i>96,584</i></u>	<u><i>98,168</i></u>	<u><i>57,000</i></u>	<u><i>57,000</i></u>	<u><i>145,500</i></u>	<u><i>55,500</i></u>
<b>Total Resources</b>	<b><u>923,116</u></b>	<b><u>631,303</u></b>	<b><u>344,549</u></b>	<b><u>344,549</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>
<b>Requirements</b>						
Capital Outlay	169,981	113,087	204,725	204,725	288,232	30,000
Transfers Out	<u>220,000</u>	<u>75,000</u>	<u>112,000</u>	<u>112,000</u>	<u>0</u>	<u>0</u>
<i>Subtotal Expenditures</i>	<u><i>389,981</i></u>	<u><i>188,087</i></u>	<u><i>316,725</i></u>	<u><i>316,725</i></u>	<u><i>288,232</i></u>	<u><i>30,000</i></u>
Appropriated Fund Balance	<u>533,135</u>	<u>443,216</u>	<u>27,824</u>	<u>27,824</u>	<u>119,078</u>	<u>144,578</u>
<b>Total Requirements</b>	<b><u>923,116</u></b>	<b><u>631,303</u></b>	<b><u>344,549</u></b>	<b><u>344,549</u></b>	<b><u>407,310</u></b>	<b><u>174,578</u></b>

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO0000</b>	<b>Fund 642 General Storm Water &amp; Open Space SDC'S</b>
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### Project Description

This project accounts for money collected during development in order to fund Storm Water & Open Space projects.

### Need for Project

Since the establishment of the General Storm Water & Open Space System Development Charge (SDC), this fund has been used as the depository of these revenues, pending budgetary authorization for use of the funds.

**Estimated Total Project Cost: Not applicable**

### Resources

	<b>Actual Through FY'14</b>	<b>FY'15 Adopted</b>	<b>FY'15 Revised</b>	<b>FY'16 Adopted</b>	<b>Through FY'16</b>	<b>FY'17 Projected</b>	<b>Future</b>	<b>Total Project</b>
Storm Water & Open Space SDC's	661,103	15,000	20,000	15,000	<b>696,103</b>	15,000	45,000	<b>756,103</b>
Storm Water & Open Space SDC's: to Proj.	(676,061)	(105,000)	(105,000)	(5,000)	<b>(786,061)</b>			<b>(786,061)</b>
Investment Interest	44,001	2,000	2,000	500	<b>46,501</b>	500	1,500	<b>48,501</b>
Sand Creek Storm & Open Space SDC's	775,147	10,000	30,000	10,000	<b>815,147</b>	10,000	30,000	<b>855,147</b>
Sand Creek Storm to Projects	(57,877)				<b>(57,877)</b>			<b>(57,877)</b>
					<b>0</b>			<b>0</b>
<b>Total Resources</b>					<b>713,813</b>			<b>815,813</b>

### Requirements

Expenditures	635,000				<b>635,000</b>			<b>635,000</b>
Transfers					<b>0</b>			<b>0</b>
<b>Ending Balance by Year</b>	<b>111,313</b>	<b>1,337</b>	<b>58,313</b>	<b>78,813</b>	<b>78,813</b>	<b>104,313</b>	<b>180,813</b>	<b>180,813</b>
<b>Total Requirements</b>					<b>713,813</b>			<b>815,813</b>

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO0000</b>	<b>Fund 648 General Storm Water &amp; Open Space Projects</b>
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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.

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

### Resources

	Actual Through FY'14	FY'15 Adopted	FY'15 Revised	FY'16 Adopted	Through FY'16	FY'17 Projected	Future	Total Project
Investment Interest	84,442				84,442			84,442
AFD	12,228				12,228			12,228
General Fund – Policy & Legislation			3,595		3,595			3,595
<b>Total Resources</b>					<b>100,265</b>			<b>100,265</b>

### Requirements

Expenditures					0			0
Transfers to TR4934	60,000				60,000			60,000
<b>Ending Balance by Year</b>	<b>36,670</b>	<b>26,491</b>	<b>40,265</b>	<b>40,265</b>	<b>40,265</b>	<b>40,265</b>	<b>40,265</b>	<b>40,265</b>
<b>Total Requirements</b>					<b>100,265</b>			<b>100,265</b>

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO6071</b>	<b>TMDL Plan Implementation</b>
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### Project Description

This project will begin the 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 facility 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

	<b>Actual Through FY'14</b>	<b>FY'15 Adopted</b>	<b>FY'15 Revised</b>	<b>FY'16 Adopted</b>	<b>Through FY'16</b>	<b>FY'17 Projected</b>	<b>Future</b>	<b>Total Project</b>
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	90,000	15,000	15,000	15,000	120,000	15,000	45,000	180,000
Gas Tax	30,000	15,000	15,000	15,000	60,000	15,000	45,000	120,000
<b>Total Resources</b>					180,000			300,000

### Requirements

Expenditures	40,671	76,619	60,000	79,329	180,000	30,000	90,000	300,000
Transfers/ Contingency					0			0
<b>Ending Balance by Year</b>	<b>79,329</b>	<b>0</b>	<b>49,329</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					180,000			300,000

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO6113</b>	<b>Storm Water Quality Feature North of Estates Lane</b>
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### Project Description

This project will install piping and a storm water quality feature on City owned property north of Estates Lane. The water quality feature will remove sediment and debris prior to storm water discharge to Southdown Estates pond.

### Need for Project

Currently a piped storm drain from the south discharges onto the vacant property into an open ditch. The open ditch ends at the north side of the property and discharges into a pipe, which in turn discharges to the pond at Southdown Estates. The open ditch is unsightly. It is an ideal collection place for dog waste, yard debris and trash. This project will eliminate the attractive nuisance and enhance storm water quality prior to discharge to Southdown Estates pond.

### Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

### Future and Ongoing Costs

Maintenance of the water quality feature.

**Estimated Total Project Cost: \$245,000** (Revised from \$150,000 to account for loan repayment)

### Resources

	Actual Through FY'14	FY'15 Adopted	FY'15 Revised	FY'16 Adopted	Through FY'16	FY'17 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	150,000		3,595		153,595			153,595
TR Capital Project Fund Gas Tax				90,000	90,000			90,000
<b>Total Resources</b>					243,595			243,595

### Requirements

Expenditures	10,012	22,747	5,000	158,583	173,595			173,595
Transfers/ Storm Water Operation Fund		70,000	70,000		70,000			70,000
<b>Ending Balance by Year</b>	<b>139,988</b>	<b>0</b>	<b>68,583</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					243,595			243,595

## Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO6169</b>	<b>Stormwater Master Plan Update</b>
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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 facility infrastructure needs are met.

### Future and Ongoing Costs

Completion of plan and formal adoption.

**Estimated Total Project Cost:** **\$395,000** (Revised from \$345,000 due to an additional 2 months of flow monitoring)

### Resources

	Actual Through FY'14	FY'15 Adopted	FY'15 Revised	FY'16 Adopted	Through FY'16	FY'17 Projected	Future	Total Project
Storm Water & Open Space SDC	285,000	105,000	105,000	5,000	<b>395,000</b>			<b>395,000</b>
General Fund – Policy & Legislation					0			0
					0			0
<b>Total Resources</b>					<b>395,000</b>			<b>395,000</b>

### Requirements

c	254,680	105,359	90,000	50,320	<b>395,000</b>			<b>395,000</b>
Transfers/Contingency					0			0
<b>Ending Balance by Year</b>	<b>30,320</b>	<b>0</b>	<b>45,320</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					<b>395,000</b>			<b>395,000</b>

## Project Closed – FY 2015

### Program: Utilities/Storm Water – Capital Construction

<b>Project</b>	<b>DO5074</b>	<b>Major Redwood Storm Project</b>
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#### Project Description

This project will address a major drainage problem in the southwest portion of the Redwood area.

#### Need for Project

A situation exists in the Redwood area that involves the current drainage canals and the water entering the area from the south. The City has received complaints and concerns from area residents. The flooding is not caused by additional water created through the development of land. This is existing water that needs additional outlets.

The Staff has completed some initial work which provided several options. Potential improvements downstream of the Southdown Estates pond will be evaluated after design completion for TR4934.

#### Council Strategic Goal

Maintain, Operate and Expand our Infrastructure to Meet Community Needs

Objective 5: Ensure storm facility infrastructure needs are met.

#### Future and Ongoing Costs

Evaluation, design and construction.

#### PROJECT COMPLETE

**Estimated Total Project Cost: \$100,000** (Revised from \$300,000)

#### Resources

	Actual Through FY'14	FY'15 Adopted	FY'15 Revised	FY'16 Adopted	Through FY'16	FY'17 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	100,000		(3,595)		96,405			96,405
					0			0
<b>Total Resources</b>					<b>96,405</b>			<b>96,405</b>

#### Requirements

Expenditures	54,405				54,405			54,405
Transfers/ Storm Water Operation Fund		42,000	42,000		42,000			42,000
<b>Ending Balance by Year</b>	<b>45,595</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Requirements</b>					<b>96,405</b>			<b>96,405</b>