
Program: Utilities/Storm Water – Capital Construction

Basic Functions:

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 new 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 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 \$422 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 \$12,439 per acre. 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 Charges are adopted by the City Council.

Activity Highlights:

Projects in this activity are related to the Council Goal of **“Preserving and Enjoying Our Natural Resources.”** The Storm Water Master Plan, utility ordinance, fees and rates will proceed at the direction of City Council.

Budget Highlights:

The Active Capital Project list includes projects coming to a close in FY’ 12, but which are not finalized at this time.

The project listing shows resources across the columns. Columns show the “Actual resources through FY’ 11”; the re-assessed resource needs of projects using current data for the “Revised FY’ 12” column, guiding our “Adopted FY’ 13” and resources estimated “Through FY’ 13”. 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.

Program: Utilities/Storm Water – Capital Construction

ALL ACTIVE CAPITAL PROJECT RESOURCES

	Actual Through FY'11	Revised FY'12	Adopted FY'13	Total Through FY'13	Future Years	Total Project
DO0000 Miscellaneous Projects - (648)	75,262	3,500	0	78,762	0	78,762
DO0000 Miscellaneous Projects - SDC's (642)	579,081	204,454	(110,000)	673,535	(41)	673,494
DO4711 Sand Creek Wetland	225,000	0	(100,000)	125,000	185,000	310,000
DO5074 Major Redwood Storm Project	300,000	(200,000)	0	100,000	0	100,000
DO6071 TMDL Implementation Plan Startup	30,000	15,000	30,000	75,000	120,000	195,000
DO6113 Storm Water Quality Feature North of Estates Lane	0	150,000	0	150,000	0	150,000
NEW PROJECTS						
DO6169 Storm Water Plan Update	<u>0</u>	<u>0</u>	<u>225,000</u>	<u>225,000</u>	<u>0</u>	<u>225,000</u>
Total Projects	<u>1,209,343</u>	<u>172,954</u>	<u>45,000</u>	<u>1,427,297</u>	<u>304,959</u>	<u>1,732,256</u>

ALL CLOSED OR CANCELLED CAPITAL PROJECT: RESOURCES

DO4715 Storm Water Master Plan	424,486	(94,800)	0	329,686	0	329,686
DO4957 Storm Water Implementation	<u>185,000</u>	<u>(43,694)</u>	<u>0</u>	<u>141,306</u>	<u>0</u>	<u>141,306</u>
Total Closed Projects	<u>609,486</u>	<u>(138,494)</u>	<u>0</u>	<u>470,992</u>	<u>0</u>	<u>470,992</u>
Grand Total - All Projects	<u>1,818,829</u>	<u>34,460</u>	<u>45,000</u>	<u>1,898,289</u>	<u>304,959</u>	<u>2,203,248</u>

ALL ACTIVE CAPITAL PROJECT SUMMARIES FOR FY'13

	Adopted FY'13 Beginning Fund Balance	Adopted FY'13 Revenue	Adopted FY'13 Capital Outlay	Adopted FY'13 Transfers Out	Adopted FY'13 Appropriated Fund Balance
DO0000 Miscellaneous Projects - 648	78,762	0	0	60,000	18,762
DO0000 Miscellaneous Projects - SDC's 642	308,535	(110,000)	0	160,000	38,535
DO4711 Sand Creek Wetland	175,000	(100,000)	75,000	0	0
DO5074 Major Redwood Storm Project	27,000	0	27,000	0	0
DO6071 TMDL Implementation Plan Startup	15,000	30,000	45,000	0	0
DO6113 Storm Water Quality Feature North of Estates Lane	100,000	0	100,000	0	0
NEW PROJECTS					
DO6169 Storm Water Plan Update	<u>0</u>	<u>225,000</u>	<u>225,000</u>	<u>0</u>	<u>0</u>
Total Projects	<u>704,297</u>	<u>45,000</u>	<u>472,000</u>	<u>220,000</u>	<u>57,297</u>

Program: Utilities/Storm Water – Capital Construction

Financial Summary

	ACTUAL FY'10 \$	ACTUAL FY'11 \$	BUDGET FY'12 \$	MANAGER RECOMMEND FY'13 \$	COMMITTEE APPROVED FY'13 \$	COUNCIL ADOPTED FY'13 \$	PROJECTED FY'14 \$
Beginning Fund Balance	<u>607,346</u>	<u>772,872</u>	<u>708,004</u>	<u>704,297</u>	<u>704,297</u>	<u>704,297</u>	<u>57,297</u>
Resources							
State Grants	101,358	0	0	0	0	0	0
Development Charges	54,710	12,538	43,890	15,000	15,000	15,000	22,500
Investment Interest	6,905	6,143	4,460	0	0	0	0
SDC Loans	2,662	2,288	0	0	0	0	0
General Fund	0	15,000	15,000	15,000	15,000	15,000	15,000
Transportation Projects	<u>0</u>	<u>0</u>	<u>0</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>
Total Current Resources	<u>165,635</u>	<u>35,969</u>	<u>63,350</u>	<u>45,000</u>	<u>45,000</u>	<u>45,000</u>	<u>52,500</u>
Total Resources	<u>772,981</u>	<u>808,841</u>	<u>771,354</u>	<u>749,297</u>	<u>749,297</u>	<u>749,297</u>	<u>109,797</u>
Requirements							
Capital Outlay	109	7,126	421,900	472,000	472,000	472,000	30,000
Transfers Out	0	0	220,000	220,000	220,000	220,000	0
Appropriated Fund Balance	<u>772,872</u>	<u>801,715</u>	<u>129,454</u>	<u>57,297</u>	<u>57,297</u>	<u>57,297</u>	<u>79,797</u>
Total Requirements	<u>772,981</u>	<u>808,841</u>	<u>771,354</u>	<u>749,297</u>	<u>749,297</u>	<u>749,297</u>	<u>109,797</u>

Program: Utilities/Storm Water – Capital Construction

Project	DO0000	Fund 642 General Storm Water & Open Space SDC'S
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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: \$ No true cost is associated with this project

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC's	602,906	27,000	10,000	10,000	622,906	15,000		637,906
Storm Water & Open Space SDC's to Proj.	-579,451		188,494	-225,000	-615,957			-615,957
Investment Interest	34,567	960	960		35,527			35,527
Sand Creek Storm & Open Space SDC's	693,936	16,890	5,000	5,000	703,936	7,500	162,459	873,895
Sand Creek Storm to Projects	-172,877			100,000	-72,877		-185,000	-257,877
					0			0
Total Resources					673,535			673,494

Requirements

Expenditures					0			0
Transfers To TR Fund	475,000	160,000	0	160,000	635,000			635,000
Ending Balance by Year	104,081	114,085	308,535	38,535	38,535	61,035	38,494	38,494
Total Requirements					673,535			673,494

Adopted FY'12 will NOT add into TOTALS

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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 from a large variety of sources 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'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Investment Interest	75,262	3,500	3,500		78,762			78,762
					0			0
					0			0
Total Resources					78,762			78,762

Requirements

Expenditures					0			0
Transfers to TR4934 /Contingency		60,000	0	60,000	60,000			60,000
Ending Balance by Year	75,262	15,369	78,762	18,762	18,762	18,762	18,762	18,762
Total Requirements					78,762			78,762

Adopted FY' 12 will NOT add into TOTALS

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Program: Utilities/Storm Water – Capital Construction

Project DO4711 Sand Creek Wetland

Project Description

This project would purchase land in the Sand Creek Basin for future development for storm water detention and open space.

Need for Project

The draft Storm Water Master Plan identified property necessary to reduce the storm water flows in the Allen Creek Basin. This property would work well as a storm water detention area.



Future and Ongoing Costs:

Estimated Total Project Cost: \$310,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC – Sand Creek	115,000			-100,000	15,000		185,000	200,000
General Fund – Policy & Legislation	35,000				35,000			35,000
Parks SDCs	75,000				75,000			75,000
Total Resources					125,000			310,000

Requirements

Expenditures	19,011	105,989	30,989	75,000	125,000		185,000	310,000
Transfers/Contingency					0			0
Ending Balance by Year	205,989		175,000	0	0	0	0	0
Total Requirements					125,000			310,000

Adopted FY'12 will NOT add into TOTALS

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Program: Utilities/Storm Water – Capital Construction

Project	DO5074	Major Redwood Storm Project
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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. The first is a small option that will make a significant different. The second would solve the problem. This project includes both elements. Council may select the first or both options.

Potential improvements downstream of the Southdown Estates pond will be evaluated after design completion for TR4934.

Future and Ongoing Costs: Evaluation, design and construction.

Estimated project cost revised from \$300,000

Estimated Total Project Cost: \$100,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	300,000	-200,000	-200,000		100,000			100,000
					0			0
Total Resources					100,000			100,000

Requirements

Expenditures	52,309		20,691	27,000	100,000			100,000
Transfers/Contingency					0			0
Ending Balance by Year	247,691	0	27,000	0	0	0	0	0
Total Requirements					100,000			100,000

Adopted FY'12 will NOT add into TOTALS

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Program: Utilities/Storm Water – Capital Construction

Project	DO6071	TMDL Plan Implementation
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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 is to be approved by DEQ in June 2010. The plan is to be put into effect immediately. The plan may include items such as public education, shading of streams or planting of trees. Future funding for the implementation plan will come from the as yet un-adopted Storm Water Utility. This project will provide for the Plan initial startup funding.

Future and Ongoing Costs: Plan implementation.

Project cost revised from \$45,000.

Estimated Total Project Cost: \$30,000 yearly as available

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future Through FY'17	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation	30,000	15,000	15,000	15,000	60,000	15,000	45,000	120,000
Gas Tax				15,000	15,000	15,000	45,000	75,000
Total Resources					75,000			195,000

Requirements

Expenditures		30,000	30,000	45,000	75,000	30,000	90,000	195,000
Transfers/Contingency					0			0
Ending Balance by Year	30,000	0	15,000	0	0	0	0	0
Total Requirements					75,000			195,000

Adopted FY'12 will NOT add into TOTALS

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Program: Utilities/Storm Water – Capital Construction

Project	DO6113	Storm Water Quality Feature North of Estates Lane
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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.

Future and Ongoing Costs: Maintenance of the water quality feature.

Estimated Total Project Cost: \$150,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC					0			0
General Fund – Policy & Legislation		150,000	150,000		150,000			150,000
					0			0
Total Resources					150,000			150,000

Requirements

Expenditures		150,000	50,000	100,000	150,000			150,000
Transfers/Contingency					0			0
Ending Balance by Year	0	0	100,000	0	0	0	0	0
Total Requirements					150,000			150,000

Adopted FY'12 will NOT add into TOTALS

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Program: Utilities/Storm Water – Capital Construction

Project	DO6169	Stormwater 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.

Future and Ongoing Costs: Completion of plan and formal adoption.

Estimated Total Project Cost: 225,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC				225,000	225,000			225,000
General Fund – Policy & Legislation					0			0
					0			0
Total Resources					225,000			225,000

Requirements

Expenditures				225,000	225,000			225,000
Transfers/Contingency					0			0
Ending Balance by Year	0	0	0	0	0	0	0	0
Total Requirements					225,000			225,000

Adopted FY'12 will NOT add into TOTALS

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Project Closed – FY 2012

Program: Utilities/Storm Water – Capital Construction

Project	DO4715	Storm Water and Open Space Master Plan
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Project Description

This project is developing a new storm water and open space master plan that incorporates design elements of detention ponds, increased stream corridor protection, and water quality protection. The plan also addresses open space and methods to combine multiple public benefits of water quality and open space provision. A draft of the plan has been completed and this project will take the plan through hearings and prepare text changes for the municipal code to implement the plan.



The second element of the project is the completion of the technical work on four basins in the urbanizing area. This project will obtain and analyze technical data on rainfall, stream flows and project run off with factors such as soil type, slope and land cover. Recommendations and costs estimates will be prepared for detention and retention facilities and water quality protection

Need for Project

The current master plan is over 20 years old and does not incorporate current best management practices for stormwater management or new federal regulations relating to pollution caused by stormwater. The new plan provides recommendations for managing water quality and quantity, protecting streams, the Rogue River and enhancing community quality of life. The plan also provides recommendations for storm and flood protection.

Future and Ongoing Costs: Completion of plan and formal adoption.

PROJECT COMPLETE

Estimated Total Project Cost: \$550,000 revised from \$495,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC	394,451		-144,800		249,651			249,651
General Fund – Policy & Legislation	30,000	50,000	50,000		80,000			80,000
Other	35				35			35
Total Resources					329,686			329,686

Requirements

Expenditures	329,488	104,998	198		329,686			329,686
Transfers/Contingency					0			0
Ending Balance by Year	94,998	0	0	0	0	0	0	0
Total Requirements					329,686			329,686

Adopted FY'12 will NOT add into TOTALS

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Project Closed – FY 2012

Program: Utilities/Storm Water – Capital Construction

Project	DO4957	Storm Water Master Plan Implementation
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Project Description

This is phase two of the storm water management program. It will create the ordinances, training, and engineering documents necessary to implement the storm water management program. It is also developing a storm water utility to fund maintenance, inspections, and capital development.



Need for Project

The community is developing and can no longer rely on undeveloped land and the current drainage systems to provide its drainage needs. This project will allow the plan created through project DO4715 to be implemented.

Future and Ongoing Costs: Plan completion and implementation.

PROJECT COMPLETE

Estimated Total Project Cost: \$185,000

Resources

	Actual Through FY'11	FY'12 Adopted	FY'12 Revised	FY'13 Adopted	Through FY'13	FY'14 Projected	Future	Total Project
Storm Water & Open Space SDC	185,000		-43,694		141,306			141,306
					0			0
					0			0
Total Resources					141,306			141,306

Requirements

Expenditures	141,306	30,913	0		141,306			141,306
Transfers/Contingency					0			0
Ending Balance by Year	43,694	0	0	0	0	0	0	0
Total Requirements					141,306			141,306

Adopted FY'12 will NOT add into TOTALS

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