

# CITY OF INDEPENDENCE



## FY 2016 – 2020 CAPITAL IMPROVEMENT PLAN



## FY 2016 – 2020 CAPITAL IMPROVEMENT PLAN

April 26, 2015

Honorable Mayor, Councilors, and Budget Committee Members:

I am pleased to present the City's first cumulative five-year Capital Improvement Plan (CIP). This document is intended to serve as a financial planning tool informing the annual budget of annual infrastructure/building needs. It also informs long-range financial planning considerations; such as the potential need for future borrowings, rate adjustments and specialized revenue streams.

The development of this CIP was founded in the City Council's 2014 Strategic Plan; specifically:

***Goal 2 – Sustain Public Services and Assets including Streets, Buildings, Technology, Utilities, Public Safety, Parks, Museum and Library to high standards in Condition, Appearance and Function.***

***Strategy 2.2 – Develop overarching Capital Improvement Program that includes all necessary resources . . .***

The source of information that went into the development of this document is the many master plans, operational plans and system knowledge of the City's talented workforce. Much of what is contained in the forthcoming pages are restatements of information that has been before your bodies on separate occasions in varying forms.

The CIP is organized as follows:

1. Following this introduction and table of contents is a summary spreadsheet of the five-year plan;
2. Individual sections are organized by Department with summary spreadsheets and individual project request sheets.

The project request sheets provide information as to the project description, source of the specific request, rank (if any), project location, estimated cost, estimated project year(s) and proposed source of revenue. Projects are a mix of growth-driven, maintenance (often deferred) and opportunity (e.g. fund-raising, grants, etc.).

It is envisioned the CIP will be annually updated and presented with the annual operating budget for the City. The first year of the updated CIP will be included and funded as part of the annual budget process.

We believe this document and process will provide a much clearer vision and tool for all of you, and the public, to match the City's plans with its operational capacity to achieve the ambitious goals we set for ourselves.

The staff has worked diligently to include this new effort in the budget calendar we had. While it was indeed additional work, in the end the overall budget process was enhanced and facilitated by the CIP.

Sincerely,

David Clyne  
City Manager

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WASTEWATER  
SUMMARY

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FY 2016 - 2020 CAPIT IMPROVEMENT PLAN

Summary

SUMMARY	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
COMMUNITY SERVICES	\$ -	\$ 235,000	\$ -	\$ -	\$ 700,000	\$ 935,000
INFORMATION SERVICES	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
PARKS/RECREATION	\$ 42,600	\$ 296,963	\$ 752,669	\$ 2,100,685	\$ -	\$ 3,167,917
PUBLIC SAFETY	\$ 100,000	\$ 75,000	\$ 75,000	\$ 50,000	\$ 50,000	\$ 350,000
STORMWATER	\$ 85,000	\$ 144,800	\$ 37,050	\$ -	\$ 171,600	\$ 438,450
TRANSPORTATION	\$ 87,000	\$ 329,612	\$ 4,008,713	\$ 5,517,490	\$ 2,139,525	\$ 12,082,340
URD-ED	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
WATER	\$ 865,525	\$ 411,250	\$ 325,000	\$ 200,000	\$ 200,000	\$ 2,001,775
WASTEWATER	\$ 922,510	\$ 811,640	\$ 2,216,000	\$ 3,548,620	\$ 5,936,300	\$ 13,435,070
<b>TOTALS</b>	<b>\$ 2,252,635</b>	<b>\$ 2,339,265</b>	<b>\$ 7,414,432</b>	<b>\$ 11,416,795</b>	<b>\$ 9,197,425</b>	<b>\$ 32,595,552</b>

**FY 2016 - 2020 CAPIT IMPROVEMENT PLAN**  
**Community Services**

COMMUNITY SERVICES	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Museum ADA Improvements & Annex		Grants, Fundraising	General		\$ 160,000				\$ 160,000
Digital Reader Board		Operating Revenue, Grants, Fundraising	Building R/R Reserve		\$ 50,000				\$ 50,000
Library Addition		Operating Revenue, Grants, Fundraising	Building R/R Reserve		\$ 25,000			\$ 700,000	\$ 725,000
<b>TOTALS</b>				\$ -	\$ 235,000	\$ -	\$ -	\$ 700,000	\$ 935,000

## CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Digital Reader Board
<b>Project Description</b>	A digital reader board is planned to serve public information needs for all City services and will be located at the Independence Library.
<b>Project Source/Master Plan</b>	2014 Strategic Plan – Strategy 3.7.1
<b>MP Rank, if any</b>	NA
<b>Project Location</b>	Independence Public Library
<b>Estimated Project Cost</b>	\$50,000
<b>Suggested Project Fiscal Year(s)</b>	FY 2016/2017
<b>Revenue Source</b>	Operating Revenues, Grants

**Submitted by:** Jason Kistler

**Responsible Department:** Information Services

**Date Submitted:** March 20<sup>th</sup>, 2015

## CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	<b>Museum ADA improvements &amp; Annex</b>
<b>Project Description</b>	<b>Adds a lift and ADA restrooms at the Heritage Museum, plus additional space for programming and for display of large artifacts such as the covered wagons.</b>
<b>Project Source/Master Plan</b>	Museum Strategic Plan 2012-2014; City Strategic Plan 2014
<b>MP Rank, if any</b>	NA
<b>Project Location</b>	212 S. 3 <sup>rd</sup> St.
<b>Estimated Project Cost</b>	\$160,000
<b>Suggested Project Fiscal Year(s)</b>	2016-2017
<b>Revenue Source</b>	Foundation grants and Other Fundraising

**Submitted by: Robin Puccetti**

**Responsible Department: Community Services**

**Date Submitted: 3-20-15**

## CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	<b>Library Addition</b>
<b>Project Description</b>	<b>Adds approx. 4,000 square feet to existing building.</b>
<b>Project Source/Master Plan</b>	Library Development Plan 2014
<b>MP Rank, if any</b>	n/a
<b>Project Location</b>	175 Monmouth St.
<b>Estimated Project Cost</b>	\$700,000 (incl. 100,000 arch./engineering)
<b>Suggested Project Fiscal Year(s)</b>	2020 (concept planning 2016-17).
<b>Revenue Source</b>	Public and Foundation grants & Other Fundraising

**Submitted by: Robin Puccetti**

**Responsible Department: Community Services**

**Date Submitted: 4-23-15**

**FY 2016 - 2020 CAPITAL IMPROVEMENT PLAN**  
**Information Services**

INFORMATION SERVICES	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Event Center A/V Upgrades		Operating Funds	IS Reserve Fund		\$ 35,000				\$ 35,000
<b>TOTALS</b>				\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000

## CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Event Center A/V Upgrades
<b>Project Description</b>	Upgrades Event Center audio and video system to use current technology. Also enables more efficient and flexible use of the space by allowing presenters to determine which projectors will be used via a touch panel.
<b>Project Source/Master Plan</b>	IS Committee Recommendation
<b>MP Rank, if any</b>	NA
<b>Project Location</b>	Independence Civic Center
<b>Estimated Project Cost</b>	\$35,000
<b>Suggested Project Fiscal Year(s)</b>	FY 2016/2017
<b>Revenue Source</b>	

**Submitted by:** Jason Kistler

**Responsible Department:** Information Services

**Date Submitted:** March 20<sup>th</sup>, 2015

FY 2016 - 2020 CAPI IMPROVEMENT PLAN  
Parks

PARKS/RECREATION	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Polk Street Park Development		SDC, grants, G.O. bond	Parks Reserve and SDC				\$ 252,585		\$ 252,585
Riverfront Land Purchase		SDC, operating revenues	Parks Reserve and SDC		\$ 240,000				\$ 240,000
Unnamed Park Development		SDC, grants, G.O. bond	Parks Reserve and SDC	\$ 17,600			\$ 250,000		\$ 267,600
Riverfront Bike/Ped extension		SDC, grants, G.O. bond	Parks Reserve and SDC	\$ 25,000	\$ 56,963	\$ 273,210			\$ 330,173
Riverview Park Amphitheatre Preferred Solution		SDC, grants, G.O. bond	Parks Reserve and SDC			\$ 479,459	\$ 1,598,100		\$ 2,077,559
<b>TOTALS</b>				<b>\$ 42,600</b>	<b>\$ 296,963</b>	<b>\$ 752,669</b>	<b>\$ 2,100,685</b>	<b>\$ -</b>	<b>\$ 3,167,917</b>

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Park System – Develop Polk Street Park
<b>Project Description</b>	Add play areas, site furnishings, picnic shelters, tables, benches, etc.
<b>Project Source/Master Plan</b>	2015 Parks & Open Space Master Plan
<b>MP Rank, if any</b>	None
<b>Project Location</b>	Ash & Polk Streets
<b>Estimated Project Cost</b>	\$252,585
<b>Suggested Project Fiscal Year(s)</b>	2019
<b>Revenue Source</b>	SDC / Grants / Bonds

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-17-15

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Park System – Riverfront Land Purchase
<b>Project Description</b>	Purchase Leedy property
<b>Project Source/Master Plan</b>	2015 Parks & Open Space Master Plan
<b>MP Rank, if any</b>	None
<b>Project Location</b>	Between North Main Street and Willamette River at Williams Street.
<b>Estimated Project Cost</b>	\$240,000. Includes one building lot for re-sale.
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC / Parks Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-17-15

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Park System – Develop Unnamed Park
<b>Project Description</b>	Add turf, irrigation, plantings, site furnishings, play areas, wayfinding, etc.
<b>Project Source/Master Plan</b>	2015 Parks & Open Space Master Plan
<b>MP Rank, if any</b>	None
<b>Project Location</b>	South Independence between 8 <sup>th</sup> & 9 <sup>th</sup> and Maple & Chestnut streets
<b>Estimated Project Cost</b>	\$267,600
<b>Suggested Project Fiscal Year(s)</b>	2016: \$17,600 for walkway 2019: \$250,000, construction
<b>Revenue Source</b>	SDC / Grants / Bonds

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-17-15

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Park System – Riverfront Bike/Pedestrian walkway
<b>Project Description</b>	Construct approximately 3,300 LF of walkway from where existing walkway ends to the new boat launch.
<b>Project Source/Master Plan</b>	2015 Parks & Open Space Master Plan
<b>MP Rank, if any</b>	None
<b>Project Location</b>	Riverfront
<b>Estimated Project Cost</b>	\$355,173
<b>Suggested Project Fiscal Year(s)</b>	2016: \$25,000, soft costs (approx. 1/3) 2017: \$56,963, soft costs (remainder) 2018: \$273,210, construction
<b>Revenue Source</b>	SDC / Grants / Bonds

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-17-15

2015-2020

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Park System – Riverview Park Preferred Alternative
<b>Project Description</b>	Design and construction for Riverview Park improvements.
<b>Project Source/Master Plan</b>	2015 Parks & Open Space Master Plan
<b>MP Rank, if any</b>	None
<b>Project Location</b>	Riverview Park Amphitheater
<b>Estimated Project Cost</b>	\$2,077,660
<b>Suggested Project Fiscal Year(s)</b>	2018: \$479,459, soft costs (30%) 2019: \$1,598,100, construction
<b>Revenue Source</b>	SDC / Grants / Bonds

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-17-15

FY 2016 - 2020 CAPI IMPROVEMENT PLAN  
Public Safety

PUBLIC SAFETY	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Locker Room Repairs		Operating Revenues	Building Reserve Fund	\$ 50,000					\$ 50,000
Vehicle Replacement Program		Operating Revenues	Equipment/Vehicle Reserve Fund	\$ 50,000	\$ 75,000	\$ 75,000	\$ 50,000	\$ 50,000	\$ 300,000
<b>TOTALS</b>				<b>\$ 100,000</b>	<b>\$ 75,000</b>	<b>\$ 75,000</b>	<b>\$ 50,000</b>	<b>\$ 50,000</b>	<b>\$ 350,000</b>

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	<b>LOCKER ROOM REPAIRS</b>
<b>Project Description</b>	The showers and locker rooms in the first floor of the Civic Center require repair so that water does not escape and pool out of the showers into the locker room areas.
<b>Project Source/Master Plan</b>	ICC Maintenance Staff
<b>MP Rank, if any</b>	N/A
<b>Project Location</b>	N/A
<b>Estimated Project Cost</b>	50,000
<b>Suggested Project Fiscal Year ending (s)</b>	2016
<b>Revenue Source</b>	Building Reserve Fund

**Submitted by: R.Mason**

**Responsible Department: Police**

**Date Submitted: 03-16-2015**

## 2016-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	<b>Vehicle replacement program</b>
<b>Project Description</b>	The capitol vehicle replacement program is designed to replace one police patrol vehicle annually through a combination of lease and purchase pursuant to the below schedule
<b>Project Source/Master Plan</b>	Police Department
<b>MP Rank, if any</b>	N/A
<b>Project Location</b>	N/A
<b>Estimated Project Cost</b>	\$50,000/vehicle or 2-year lease payments of \$25,000 each per schedule below
<b>Suggested Project Fiscal Years ending</b>	<p>FYE 2016 – two lease payments (includes one new vehicle in 2016 and continuing payments on prior purchases)</p> <p>FYE 2017 – three lease payments (includes one new vehicle in 2017 and continuing payments on prior purchases)</p> <p>FYE 2018 - one purchase and one lease payment (includes one new vehicle in 2018 and continuing payments on prior purchase)</p> <p>FYE 2019 - one purchase payment of new vehicle</p> <p>FYE 2020- one purchase payment of new vehicle</p>
<b>Revenue Source</b>	Vehicle Reserve Fund

**Submitted by: R.Mason**

**Responsible Department: Police**

**Date Submitted: 03-16-2015**

FY 2016 - 2020 CAPI IMPROVEMENT PLAN

STORMWATER	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
F Street Bridge Replacement - Stormwater portion		SDC, operating revenues	Stormwater Operating and SDC Funds		\$ 104,800				\$ 104,800
Storm Drainage System Improvements - F Street	1EX-29	SDC, operating revenues	Stormwater Operating and SDC Funds					\$ 171,600	\$ 171,600
Storm Drainage System Improvements - 7th Street	1EX-24	SDC, operating revenues	Stormwater Operating and SDC Funds			\$ 37,050			\$ 37,050
Storm Drainage System Improvements - Hoffman Rd.	1EX-1	SDC, operating revenues	Stormwater Operating and SDC Funds	\$ 85,000	\$ 40,000				\$ 125,000
<b>TOTALS</b>				<b>\$ 85,000</b>	<b>\$ 144,800</b>	<b>\$ 37,050</b>	<b>\$ -</b>	<b>\$ 171,600</b>	<b>\$ 438,450</b>

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	F Street Bridge Replacement – Storm Water component
<b>Project Description</b>	Replace existing bridge. The new bridge will allow greater storm drainage capacity than existing.
<b>Project Source/Master Plan</b>	Transportation System Plan
<b>MP Rank, if any</b>	This is the storm drainage system portion of the new bridge construction.
<b>Project Location</b>	F Street, between 7 <sup>th</sup> & 9 <sup>th</sup> Streets.
<b>Estimated Project Cost</b>	\$104,800
<b>Suggested Project Fiscal Year(s)</b>	2017
<b>Revenue Source</b>	SDC / Storm Utility

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Storm Drainage System Improvements
<b>Project Description</b>	Pipe existing ditch from F Street upstream and downstream to UGB. Use 60" pipe to match. 440 LF
<b>Project Source/Master Plan</b>	2005 Stormwater Master Plan
<b>MP Rank, if any</b>	1EX 29
<b>Project Location</b>	F Street Apartments
<b>Estimated Project Cost</b>	\$171,600
<b>Suggested Project Fiscal Year(s)</b>	2020
<b>Revenue Source</b>	SDC / Storm Utility

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-03-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Storm Drainage System Improvements
<b>Project Description</b>	Existing 10" pipe is undersized and need to be replaced with 15" pipe. 380 LF
<b>Project Source/Master Plan</b>	2005 Stormwater Master Plan
<b>MP Rank, if any</b>	1EX-24
<b>Project Location</b>	7 <sup>th</sup> Street
<b>Estimated Project Cost</b>	\$37,050
<b>Suggested Project Fiscal Year(s)</b>	2018
<b>Revenue Source</b>	SDC or Storm Utility

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Storm Drainage System Improvements
<b>Project Description</b>	The existing ditch from Hoffman Road to Ash Creek is overgrown with vegetation and undersized. Regrade this ditch and increase the typical cross-section, trapezoidal 5 X 7 with 3:1 side slopes. Add relief culverts under Hoffman Road.
<b>Project Source/Master Plan</b>	2005 Stormwater Master Plan
<b>MP Rank, if any</b>	1EX-1
<b>Project Location</b>	3,500 LF of ditch between Hoffman Road, "S" curves and Ash Creek.
<b>Estimated Project Cost</b>	\$125,000
<b>Suggested Project Fiscal Year(s)</b>	2015-\$85,000 Soft Cost, Regrade ditch 2016-\$40,000 Construct Culvert Crossing
<b>Revenue Source</b>	Storm SDC

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-24-15, revised

FY 2016 - 2020 CAPI IMPROVEMENT PLAN

TRANSPORTATION	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
F Street Bridge Replacement		SDC, Gas Tax, Grants	Transportation Operating and SDC		\$ 209,612	\$ 838,448			\$ 1,048,060
Southern Arterial	Phase A	SDC, Development Contributions	Transportation Operating and SDC	\$ 87,000	\$ 120,000	\$ 781,775	\$ 989,475		\$ 1,978,250
Southern Arterial	Phase B	SDC, Development Contributions	Transportation Operating and SDC				\$ 2,139,525	\$ 2,139,525	\$ 4,279,050
Southern Arterial Bridge		SDC, Development Contributions and Grants	Transportation Operating and SDC			\$ 2,388,490	\$ 2,388,490		\$ 4,776,980
<b>TOTALS</b>				<b>\$ 87,000</b>	<b>\$ 329,612</b>	<b>\$ 4,008,713</b>	<b>\$ 5,517,490</b>	<b>\$ 2,139,525</b>	<b>\$ 12,082,340</b>

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	F Street Bridge Replacement
<b>Project Description</b>	Replace existing bridge.
<b>Project Source/Master Plan</b>	2007 Transportation System Plan (TSP)
<b>MP Rank, if any</b>	N/A: existing bridge is failing
<b>Project Location</b>	F Street, between 7 <sup>th</sup> & 9 <sup>th</sup> Streets
<b>Estimated Project Cost</b>	\$1,048,060
<b>Suggested Project Fiscal Year(s)</b>	2017: \$209,612 – soft costs (20%) 2018: \$838,448 – construction
<b>Revenue Source</b>	State / Federal / SDC

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Southern Arterial Phase A
<b>Project Description</b>	Build new 2-lane arterial road with bike lanes, sidewalks and limited access. Left turns at major intersections.
<b>Project Source/Master Plan</b>	2007 Transportation System Plan (TSP)
<b>MP Rank, if any</b>	0-10 years from 2007
<b>Project Location</b>	Corvallis Road to 6 <sup>th</sup> Street; approx. 2,800 LF
<b>Estimated Project Cost</b>	\$1,978,950
<b>Suggested Project Fiscal Year(s)</b>	2015: \$ 87,700 – study overall alignment 2016: \$120,000 – 30% construction documents and preliminary cost estimates for Phase A-Corvallis Rd to 6 <sup>th</sup> Street 2017: \$781,775 – soft costs, final engineering 2018: \$989,475 – construction
<b>Revenue Source</b>	SDC / Developer (private)

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-25-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Southern Arterial Phase B
<b>Project Description</b>	Build new 2-lane arterial road with bike lanes, sidewalks and limited access. Left turns at major intersections.
<b>Project Source/Master Plan</b>	2007 Transportation System Plan (TSP)
<b>MP Rank, if any</b>	0-10 years from 2007
<b>Project Location</b>	7 <sup>th</sup> Street to Talmadge Rd. Includes one bridge. Approx. 4,600 LF
<b>Estimated Project Cost</b>	\$4,279,050
<b>Suggested Project Fiscal Year(s)</b>	2019: \$2,139,525 – soft costs (50%) 2020: \$2,139,525 – construction
<b>Revenue Source</b>	SDC / Developer (private)

**NOTE:** This project should not be constructed without north/south improvements to both 13<sup>th</sup> Street and Talmadge Road.

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Southern Arterial Bridge
<b>Project Description</b>	Build grade-separated overcrossing at Portland Western RR tracks.
<b>Project Source/Master Plan</b>	2007 Transportation System Plan (TSP)
<b>MP Rank, if any</b>	10-20 years from 2007
<b>Project Location</b>	South Independence
<b>Estimated Project Cost</b>	\$4,776,980
<b>Suggested Project Fiscal Year(s)</b>	2018: \$2,388,490 – soft costs (50%) 2019: \$2,388,490 - construction
<b>Revenue Source</b>	SDC / Bonds / Grants (?) / Private Funds

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

FY 2016 - 2020 CAPI IMPROVEMENT PLAN  
 Urban Renewal/Economic Development

URBAN RENEWAL/ECON. DEV.	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Willamette Shorelines Sitework	1A	Tax Increment Financing, Interfund Loans	Urban Renewal	\$ 150,000				\$	150,000
<b>TOTALS</b>				\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Willamette Shorelines Project (f/k/a Valley Concrete Site) - Site Work
<b>Project Description</b>	<p>This project involves mass-grading of the whole site to create the basic future development and riverfront park areas. The result will immediately enrich the visual experience of the site to increase our marketing ability to future developers.</p> <p>An engineered grading plan, bid documents, construction survey staking and earth moving is required.</p>
<b>Project Source/Master Plan</b>	Valley Concrete Site Concept Plan & Report – 2014.
<b>MP Rank, if any</b>	N/A
<b>Project Location</b>	Former Valley Concrete Site
<b>Estimated Project Cost</b>	\$150,000
<b>Suggested Project Fiscal Year(s)</b>	2015
<b>Revenue Source</b>	Urban Renewal Funds

**Submitted by:** Michael Danko

**Responsible Department:** Community and Economic Development

**Date Submitted:** 04-02-2015

FY 2016 - 2020 CAPI IMPROVEMENT PLAN  
Water

WATER	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
New Water Transmission Line	1A	SDC, operating revenues	Water Operating and SDC Funds	\$ 397,900					\$ 397,900
Iron Filtration Facilities Expansion	1B	SDC, operating revenues	Water Operating and SDC Funds	\$ 192,625					\$ 192,625
Polk Street Well Field Standby Generator	1C	SDC, operating revenues	Water Operating and SDC Funds	\$ 75,000					\$ 75,000
I Street Intertie	2A	SDC, operating revenues	Water Operating and SDC Funds		\$ 181,250				\$ 181,250
Elevated Reservoir Engineering Study	2B	SDC, operating revenues	Water Operating and SDC Funds		\$ 30,000				\$ 30,000
Elevated Reservoir Reactivation	2C	SDC, operating revenues	Water Operating and SDC Funds			\$ 125,000			\$ 125,000
Water System annual operations and maintenance	O/M	Operating revenues	Water Operating Fund	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000
<b>TOTALS</b>				<b>\$ 865,525</b>	<b>\$ 411,250</b>	<b>\$ 325,000</b>	<b>\$ 200,000</b>	<b>\$ 200,000</b>	<b>\$ 2,001,775</b>

2015-2020

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	New Water Transmission Line
<b>Project Description</b>	Parallel 8" transmission main from Polk Street wells to Treatment Plant (for redundancy and growth)
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 1A
<b>Project Location</b>	Varies
<b>Estimated Project Cost</b>	\$397,900, including engineering, inspection
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 02-17-15

2015-2020

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Iron Filtration Facilities Expansion
<b>Project Description</b>	Expand Iron Removal Filtration Facilities at Polk Reservoir Site – tied to Priority 1A
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 1B
<b>Project Location</b>	Polk Reservoirs
<b>Estimated Project Cost</b>	\$192,625, including engineering, inspection
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 02-17-15

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Polk Street Well Field Standby Generator
<b>Project Description</b>	Provide and install standby generator at Polk Street well field
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 1C
<b>Project Location</b>	Polk Street well field
<b>Estimated Project Cost</b>	\$75,000
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 02-17-15

**2015-2020**

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	I Street Intertie
<b>Project Description</b>	New 10" intertie pipeline from south pump station to I Street
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 2A
<b>Project Location</b>	Varies
<b>Estimated Project Cost</b>	\$181,250
<b>Suggested Project Fiscal Year(s)</b>	2017
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

2015-2020

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Elevated Reservoir: Engineering Study
<b>Project Description</b>	Engineering study of existing unused 50,000 elevated reservoir at F and 3 <sup>rd</sup> Streets
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 2B
<b>Project Location</b>	F and 3 <sup>rd</sup> Street
<b>Estimated Project Cost</b>	\$30,000
<b>Suggested Project Fiscal Year(s)</b>	2017
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

2015-2020

**CAPITAL IMPROVEMENT PROJECT REQUEST**

<b>Project Title</b>	Elevated Reservoir: Reactivation
<b>Project Description</b>	Reactivate elevated reservoir for emergency system pressure with control vault, booster pump, check valve and SCADA revisions
<b>Project Source/Master Plan</b>	Water Master Plan
<b>MP Rank, if any</b>	Priority 2C
<b>Project Location</b>	F and 3 <sup>rd</sup> Street
<b>Estimated Project Cost</b>	\$125,000
<b>Suggested Project Fiscal Year(s)</b>	2018
<b>Revenue Source</b>	SDC / Water Fund

**Submitted by:** Mike Danko

**Responsible Department:** Public Works

**Date Submitted:** 02-17-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Water System annual operations and maintenance (O/M)
<b>Project Description</b>	Pipe Replacement
<b>Project Source/Master Plan</b>	O/M
<b>MP Rank, if any</b>	O/M
<b>Project Location</b>	Varies
<b>Estimated Project Cost</b>	\$200,000 annually
<b>Suggested Project Fiscal Year(s)</b>	2016: \$200,000 2017: \$200,000 2018: \$200,000 2019: \$200,000 2020: \$200,000
<b>Revenue Source</b>	Water Fund

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15

FY 2016 - 2020 CAPITAL IMPROVEMENT PLAN  
Wastewater

WASTEWATER	Rank	Source Type	Source Fund	Budgeted FYE 2016	FYE 2017	FYE 2018	FYE 2019	FYE 2020	TOTAL
Disinfection System Improvements	Treatment #1	SDC	Wastewater SDC Fund	\$ 49,010					\$ 49,010
Lagoon Improvements - site work	Treatment #2	SDC	Wastewater SDC Fund	\$ 78,520					\$ 78,520
Wastewater Treatment Facility - Control System	Treatment #3	SDC	Wastewater SDC Fund	\$ 44,980					\$ 44,980
Recycled Water Use Implementation	Phase I	SDC, SRF Load, USDA-RD grant/loan	Wastewater Operating and SDC Funds	\$ 500,000	\$ 561,640	\$ 1,966,000			\$ 3,027,640
Recycled Water Use Implementation	Phase II	SDC, SRF Load, USDA-RD grant/loan	Wastewater Operating and SDC Funds		\$ 2,401,920			\$ 4,448,000	\$ 6,849,920
West Interceptor - replacement	C-3	SDC, SRF Load, USDA-RD grant/loan	Wastewater Operating and SDC Funds		\$ 588,000			\$ 812,000	\$ 1,400,000
Williams Street Pump Station - replacement	PS-4	SDC, SRF Load, USDA-RD grant/loan	Wastewater Operating and SDC Funds		\$ 308,700			\$ 426,300	\$ 735,000
Sewer System annual operations and maintenance	O/M	Operating revenues	Wastewater Operating and SDC Funds	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
<b>TOTALS</b>				<b>\$ 922,510</b>	<b>\$ 811,640</b>	<b>\$ 2,216,000</b>	<b>\$ 3,548,620</b>	<b>\$ 5,936,300</b>	<b>\$ 13,435,070</b>

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Treatment
<b>Project Description</b>	Disinfection System Improvements <ul style="list-style-type: none"><li>• C12 mix chamber</li><li>• Chlorinator – flow paced auto/manual</li><li>• Flowmeter transmitter to chlorinator</li><li>• Tablet chlorination system</li><li>• Electrical and controls</li></ul>
<b>Project Source/Master Plan</b>	Wastewater Master Plan (2005)
<b>MP Rank, if any</b>	#1 for Treatment
<b>Project Location</b>	Sewer lagoons
<b>Estimated Project Cost</b>	\$49,010
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-09-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Treatment
<b>Project Description</b>	Lagoon Improvements – site work <ul style="list-style-type: none"><li>• Riprap banks</li><li>• Lagoon depth transmitters</li></ul>
<b>Project Source/Master Plan</b>	Wastewater Master Plan (2005)
<b>MP Rank, if any</b>	#2 for Treatment
<b>Project Location</b>	Sewer lagoons
<b>Estimated Project Cost</b>	\$78,520
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC

**Submitted by:** Michael Danko  
**Responsible Department:** Public Works  
**Date Submitted:** 03-09-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Treatment
<b>Project Description</b>	Wastewater Treatment Facility – Control Sys. <ul style="list-style-type: none"><li>• WWTF sensors/transmitter</li><li>• WWTF computer and phone/fiber connection</li><li>• SCADA programming</li><li>• WWTF computer at Public Works Shop</li></ul>
<b>Project Source/Master Plan</b>	Wastewater Master Plan (2005)
<b>MP Rank, if any</b>	#3 for Treatment
<b>Project Location</b>	Sewer lagoons / Public Works shop
<b>Estimated Project Cost</b>	\$44,980
<b>Suggested Project Fiscal Year(s)</b>	2016
<b>Revenue Source</b>	SDC

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-09-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Collection
<b>Project Description</b>	West interceptor - replacement. Gun Club Rd to lagoon pump station.
<b>Project Source/Master Plan</b>	2005 Wastewater Master Plan
<b>MP Rank, if any</b>	C-3
<b>Project Location</b>	Gun Club Road east to sewer lagoons
<b>Estimated Project Cost</b>	\$1,400,000
<b>Suggested Project Fiscal Year(s)</b>	2019: \$588,000 – soft costs (42%) 2020: \$812,000 - construction
<b>Revenue Source</b>	Construct with Phase II treatment improvements. SDC / SRF Loan / USDA - RD

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Collection
<b>Project Description</b>	Replace Williams Street pump station.
<b>Project Source/Master Plan</b>	2005 Wastewater Master Plan
<b>MP Rank, if any</b>	PS-4
<b>Project Location</b>	Williams Street at sewer lagoons
<b>Estimated Project Cost</b>	\$735,000
<b>Suggested Project Fiscal Year(s)</b>	2019: \$308,700 – soft costs (42%) 2020: \$426,300 – construction
<b>Revenue Source</b>	Construct with Phase II treatment improvements. SDC / SRF Loan / USDA - RD

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System annual operations and maintenance (O/M)
<b>Project Description</b>	Pipe Replacement
<b>Project Source/Master Plan</b>	O/M
<b>MP Rank, if any</b>	O/M
<b>Project Location</b>	Varies
<b>Estimated Project Cost</b>	\$250,000
<b>Suggested Project Fiscal Year(s)</b>	2016: \$250,000 2017: \$250,000 2018: \$250,000 2019: \$250,000 2020: \$250,000
<b>Revenue Source</b>	Sewer Fund

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Recycled Water Use Plan (RWUP) Implementation – Phase One
<b>Project Description</b>	<ul style="list-style-type: none"> <li>• New pumps at WWTF</li> <li>• Various structural, mechanical and electrical improvements</li> <li>• New strainer and backwash system</li> <li>• 12" force main – user connections – easements</li> </ul>
<b>Project Source/Master Plan</b>	2005 Wastewater Master Plan and 2015 Sanitary Sewage System Facilities Plan
<b>MP Rank, if any</b>	Phase One of the preferred alternative
<b>Project Location</b>	Sewer lagoons and North Independence
<b>Estimated Project Cost</b>	\$3,027,640
<b>Suggested Project Fiscal Year(s)</b>	2016: \$1,061,640 – soft costs (54%) 2017: \$1,966,000 - construction
<b>Revenue Source</b>	SDC / SRF Loan / USDA - RD

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised

## 2015-2020 CAPITAL IMPROVEMENT PROJECT REQUEST

<b>Project Title</b>	Sewer System Improvements – Recycled Water Use Plan (RWUP) Implementation – Phase Two
<b>Project Description</b>	Construct membrane bioreactor (MBR), headworks, process, operation and control, effluent management, piping reconfiguration and solids management.
<b>Project Source/Master Plan</b>	2005 Wastewater Master Plan and 2015 Sanitary Sewage System Facilities Plan
<b>MP Rank, if any</b>	Phase Two of the preferred alternative
<b>Project Location</b>	Sewer lagoons
<b>Estimated Project Cost</b>	\$6,849,920.
<b>Suggested Project Fiscal Year(s)</b>	2019: \$2,401,920 – soft costs (54%) 2020: \$4,448,000 – construction
<b>Revenue Source</b>	SDC / SRF Loan / USDA - RD

**Submitted by:** Michael Danko

**Responsible Department:** Public Works

**Date Submitted:** 03-18-15, revised