

**Priority:** Thriving Economy  
**Program Offer Type:** Existing Operating  
**Related Programs:** 91014, 91016, 91017

**Lead Agency:** Community Services  
**Program Contact:** Ian Cannon

**Program Characteristics:**

**Executive Summary**

This program is entrusted with providing the most cost effective means of operating and preserving the County's long term investment in its six Willamette River Bridges and 24 other bridge structures. The Willamette River crossings consist of four movable bridges (Hawthorne, Morrison, Burnside and Broadway) and two fixed structures (Sellwood and Sauvie Island).

**Program Description**

The Bridge Maintenance and Operations program is comprised of two main functional groups.

The Maintenance group is comprised of those who perform the everyday maintenance and preventative maintenance on the bridges. It is their responsibility to ensure the operational reliability of the bridge mechanical, electrical, structural and corrosion protective (paint) systems. Maintenance places priority on response to emergencies, performance of specialized preventative maintenance tasks and making repairs as needed. Some of the tasks performed by this group include; vehicle accident repair, bridge mechanical and electrical troubleshooting, minor roadway or sidewalk repairs, graffiti removal and snow removal.

The Operations group is stationed in the operator houses on each of the four drawbridges. Bridge Operators raise and lower the draw spans to allow ships to pass. They also perform very minor preventive maintenance.

Both these groups work closely with Bridge Engineering on a wide variety of projects and issues.

**Program Justification**

Approximately 200,000 buses, trucks, passenger vehicles and thousands of bicycle and pedestrians cross the Willamette River on County owned bridges every day, making it one of the top two most important contributors to the County and regional economy (road system being the other). Without the Willamette River Bridges, travel between east and west Multnomah County would be nearly impossible. Equally important are the number of commercial freight and tourist ships that travel the Willamette River which require reliable operations of the County's draw spans. Bridge Maintenance and Operations supports the 'Thriving Economy' primary factor of an 'Established Regional Infrastructure' by providing maintenance and enhancement of the existing road and waterway transportation systems. The free movement of commodities and goods that these transportation systems provide makes a significant positive impact to the regional economy. The Maintenance group keeps these aging bridges in a reliable and operable condition so they can be used by road and river traffic, while protecting a very valuable County asset. The Operations group fulfills the mandates listed below and allows commercial and tourist ship navigation to take place on the Willamette River.

In addition to being a vital link in the transportation system, the historic and symbolic nature of the Willamette River Bridges contributes to a 'Vibrant Community'. This program also contributes to the 'Safe Community' priority of well maintained and lighted neighborhoods through maintenance activities, lighting projects and a network of security cameras on the bridge properties.

**Performance Measures**

Measure Type	Primary Measure	Previous Year Actual (FY05-06)	Current Year Purchased (FY06-07)	Current Year Estimate (FY06-07)	Next Year Offer (FY07-08)
Output	Number of Preventative Maintenance tasks complete	1,305	1,305	1,457	1,450
Outcome	Percent of Preventive Maintenance tasks complete	90.0%	90.0%	87.0%	90.0%
Outcome	Successful Openings	99.0%	99.0%	99.0%	99.0%

**Performance Measure - Description**

Preventive maintenance tasks help keep the bridges working properly and avoid the need for expensive capital rehabilitation projects. The percent of preventative maintenance tasks completed compared to the total scheduled measures the ability to control the work required to keep the bridges operating. Goal is 90%. The percent of successful drawbridge openings measures the ability of this group to provide access for river traffic. Goal is 99%.

## Legal/Contractual Obligation

Multnomah County is required to maintain and operate its drawbridges in accordance with the River and Harbor Act of 1894, federal regulations (USC 117.750), U.S. Coast Guard regulations (CFR Title 33), State Law (ORS 382.305), 1984 IGA with the City of Portland as amended in 1989, and HB, 2041 Section 3a.

## Revenue/Expense Detail

	Proposed General Fund	Proposed Other Funds	Proposed General Fund	Proposed Other Funds
Program Expenses	2007	2007	2008	2008
Personnel	\$0	\$2,007,062	\$0	\$2,072,109
Contracts	\$0	\$19,300	\$0	\$19,300
Materials & Supplies	\$0	\$237,527	\$0	\$228,334
Internal Services	\$0	\$301,219	\$0	\$364,347
Subtotal: Direct Exps:	<b>\$0</b>	<b>\$2,565,108</b>	<b>\$0</b>	<b>\$2,684,090</b>
Administration	\$94,670	\$0	\$90,380	\$0
Program Support	\$0	\$7,500	\$0	\$20,000
Subtotal: Other Exps:	<b>\$94,670</b>	<b>\$7,500</b>	<b>\$90,380</b>	<b>\$20,000</b>
Total GF/non-GF:	<b>\$94,670</b>	<b>\$2,572,608</b>	<b>\$90,380</b>	<b>\$2,704,090</b>
Program Total:	<b>\$2,667,278</b>		<b>\$2,794,470</b>	
Program FTE	0.00	25.50	0.00	25.50
<b>Program Revenues</b>				
Indirect for dep't Admin	\$28,511	\$0	\$29,159	\$0
Intergovernmental	\$0	\$0	\$0	\$0
Other / Miscellaneous	\$0	\$2,565,108	\$0	\$2,684,090
Program Revenue for Admin	\$72	\$7,500	\$120	\$20,000
<b>Total Revenue:</b>	<b>\$28,583</b>	<b>\$2,572,608</b>	<b>\$29,279</b>	<b>\$2,704,090</b>

## Explanation of Revenues

Revenue for this program comes entirely from gas taxes and vehicle registrations that are collected by the state and distributed based on an intergovernmental agreement that specifies the amount to be allocated to Bridge Capital. These are dedicated funds and can only be used for Willamette River bridges.

## Significant Program Changes

Last year this program was: #91015, Bridge Maintenance & Operations