

Multnomah County Willamette River Bridges Capital Improvement Plan



Project Summary Information: Roadway and Structural Rehabilitation

Bridge Names(s):	Sauvie Island	Project ID#:	BUN-SI-03	Project Status:	In Progress		
Project Rank:	23	Primary Category of Work	Structural	Performance Attribute Total Score	16	Importance Score	TI-2 15.98
Logical Grouping Project ID #'s:	SI-ROAD-01, SI-STRUCT-02						
Bridge Num and Names(s):	20136 Multnomah Channel, PNWR, Sauvie Island Rd. [Sauvie Island] ; 20136 Multnomah Channel, PNWR, Sauvie Island Rd. [Sauvie Island]						

Definition of Problem

The Multnomah County Willamette River Bridges Capital Improvement Plan Consultant Team identified that several of the joint systems for the bridge deck have accumulated debris and are beginning to deteriorate. In addition, there are signs of settlement at the West Approach roadway. Additionally, the suspension cables for the tied arch span are anticipated to need routine maintenance with the 20-year window of the Capital Improvement Plan.

Description of Proposed Solution

The proposed solutions include pavement reconstruction for the West Approach roadway, replacement of bridge deck joint systems, and routine maintenance of the tied arch span suspension cables.

Project Justification

The benefit of completing the proposed solutions includes minimizing service disruptions and associated costs for delays to the motoring public, reducing maintenance costs for ongoing pavement rehabilitation, and restoring deck joint components to avoid the degradation of the driving surface and other affected bridge components.



Right-of-Way:	\$0
Utility Reimbursement:	\$0
Construction:	\$914,404
Preliminary Engineering:	\$228,601
Construction Engineering:	\$228,601
Total Cost at Target Construction Time:	\$1,371,606
Target Construction Time:	2020-2024

Notes:

This project includes improvements for bicycle or pedestrian users.