

Multnomah County Willamette River Bridges Capital Improvement Plan



Project Summary Information: Under-bridge Maintenance Traveler System							
Bridge Names(s):	Sauvie Island			Project ID#:	BUN-SI-04	Project Status:	In Progress
Project Rank:	51	Primary Category of Work	Structural	Performance Attribute Total Score	5	Importance Score	TI-4 8.19
Logical Grouping Project ID #'s:	SI-STRUCT-01						
Bridge Num and Names(s):	20136 Multnomah Channel, PNWR, Sauvie Island Rd. [Sauvie Island]						

Definition of Problem

The bridge structure is classified as Fracture Critical, which requires an arm's reach inspection be performed and documented every two years. Currently, inspection and maintenance staff rent a barge and lift to access the structure for required maintenance and inspection activities. This is costly and does not provide immediate access if further questions arise in between the inspection intervals.

Description of Proposed Solution

The proposed solution includes the installation of an under-bridge traveler system to provide continual bridge maintenance and inspection access.

Project Justification

The benefit of completing the proposed solutions includes improved access for maintenance and bridge inspection staff, and the ability to immediately respond to requests about bridge's below-deck condition.



Right-of-Way:	\$0
Utility Reimbursement:	\$0
Construction:	\$340,524
Preliminary Engineering:	\$85,131
Construction Engineering:	\$85,131
Total Cost at Target Construction Time:	\$510,786
Target Construction Time:	2030-2034

Notes:

None entered.