

Multnomah County Willamette River Bridges Capital Improvement Plan



Project Summary Information: Roadway and Structural Rehabilitation

Bridge Names(s):	Broadway	Project ID#:	BUN-BR-11	Project Status:	In Progress		
Project Rank:	13	Primary Category of Work	Driving Surface	Performance Attribute Total Score	25	Importance Score	TI-2 30.16
Logical Grouping Project ID #'s:	BR-ROAD-01, BR-ROAD-02, BR-STRUCT-04, BR-STRUCT-15, BR-STRUCT-16, BR-STRUCT-17, BR-STRUCT-18						
Bridge Num and Names(s):	06757A NW Broadway Ramp over Broadway St Conn [Broadway] ; 06757 Willamette River, Broadway St [Broadway] ; 06757C N Broadway St over N Interstate Ave [Broadway]; 06757A NW Broadway Ramp over Broadway St Conn [Broadway]						

Definition of Problem

Pavement on the bridge approaches is deteriorated and approaching the end of its design life. Drainage systems are composed of aging elements and are in need of repair and maintenance. Portions of the Broadway Bridge deck joints are exhibiting signs of damage or deterioration. Fixed and moveable bearings for the River Spans have debris accumulation and deteriorating protective paint systems.

Description of Proposed Solution

The proposed solution for the approach roadway pavement and drainage systems is to reconstruct the roadway's pavement section, including and update the existing drainage system. New durable striping would be placed on the newly constructed pavement section, the bridge deck joints will be replaced, and the fixed and moveable bearings will be cleaned and repainted.

Project Justification

The benefit of completing the proposed solutions includes minimizing service disruptions and associated costs of delay to the motoring public, reducing maintenance costs for ongoing pavement rehabilitation, and restoring deck components to arrest the degradation of the driving surface. As a result of the project, the service life of the remaining deck components will be extended, and the total expenditure for deck maintenance over time will be reduced by completing repairs before conditions deteriorate further.



Right-of-Way:	\$82,425
Utility Reimbursement:	\$0
Construction:	\$1,417,924
Preliminary Engineering:	\$354,481
Construction Engineering:	\$354,481
Total Cost at Target Construction Time:	\$2,209,311
Target Construction Time:	2020-2024

Notes:

This project includes improvements identified during the 2014 public engagement process. This project includes improvements for bicycle or pedestrian users.