

McArdle Roadway Bridge

Project Timeline

Fabrication – Fall 2020

Construction – Spring 2021

Project Partner

n/a - In-house

Funding Source

City Capital

Project Cost

Construction – \$192,500

Project Contact

Zachary Workman, P.E.

Project Manager

zachary.workman@pittsburghpa.gov



McArdle Roadway Bridge over E Sycamore St

Mt Washington – The McArdle Roadway bridge that connects Mt Washington to the Liberty Bridge and Liberty Tunnel and spans over East Sycamore St is scheduled for routine maintenance in June, 2021. The maintenance will replace the expansion dam at the east end of the bridge as well as clean and reseal the expansion joint at the west end of the bridge. Proper maintenance of a bridge's expansion joints is necessary to preserve the structure's beams and foundation below the deck. While the west joint only requires routine maintenance, the condition of the joint at the east end of the bridge warrants a full replacement due to damage to the steel ribs that cross the width of the roadway. This procedure will require a full closure of the bridge for up to two weeks, weather depending, when temperatures are mild to set the joint to its proper dimensions.