

FEATURED PROJECT

Mon Wharf Switchback Pittsburgh, PA

Overview: This project involves the construction of a pedestrian bridge switchback ramp located under the northern approach span of the Smithfield Street Bridge (S.R. 3027). This structure connect the Mon Wharf with the deck of the Smithfield Street Bridge. It is supported by eight piers, each with a four-foot diameter concrete base, with the arms of Pier 2 through Pier 8 extending out on two opposite sides to support the upper and lower segments of the ramp. The proposed span lengths vary from 34.50 to 98.19 feet. A new stairway was also built to provide direct pedestrian access to the western side of the Smithfield Street Bridge deck from the Mon Wharf.

Services provided: Reconnaissance Soils and Geotechnical Engineering Report (RSGER), Health and Safety Plan, Drilling Contract, Geotechnical Engineering Report, Structure Foundation Report, and Phase III Environmental Site Assessment.

