

# BIG CREEK STABILIZATION

## Cleveland, OH

CUYAHOGA RIVER NORTH · BIG CREEK

### Summary

The Big Creek Stabilization project rehabilitated approximately 1,200 linear feet of concrete lined channel, including removing a 30-foot-high vertical concrete spillway structure. When Interstate 71 was constructed in 1966, Big Creek was straightened and channelized for the interstate highway, which required installation of this spillway structure to make up for the elevation difference. This project consisted of two major actions: (1) construction of a rock cascade to replace the failing spillway structure and (2) repairing streambanks with riprap. The gently sloped rock cascade replaced the failing spillway with large rock to provide energy dissipation. A low flow channel was constructed within the rock cascade.

### Project Details

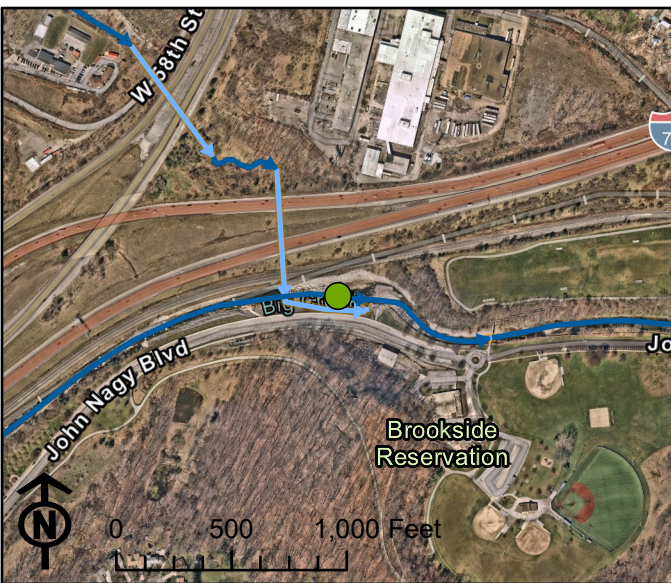
**Asset ID(s):** BC00032

**Contract Type:** Design/Bid/Build

**Construction Cost:** \$5,784,636.50

**Completed Date:** November 22, 2019

**Watershed Team Leader:** Donna Friedman (friedmand@neorsd.org)



**REGIONAL  
STORMWATER  
MANAGEMENT**