

# DOAN VALLEY RELIEF AND CONSOLIDATION

## DESCRIPTION

The Doan Valley Relief and Consolidation Sewers project (DVRCS) is part of Project Clean Lake, a \$3B, 25-year program NEORSRD began in 2011 designed to meet Clean Water Act standards and address water quality issues. The DVRCS is tributary to the CSO tunnel system that the District will use to reduce the 4.5 Billion Gallons of wet weather combined sewer overflows (CSOs) released into Lake Erie and its tributaries in the Greater Cleveland area.

DVRCS includes approximately 4,400 linear feet of 48-inch to 72-inch-diameter relief and consolidation sewers constructed at depths of 15 to 50 feet below ground via open-cut and trenchless methods in the City of Cleveland. The alignment is shown on the map below.

**Project Location Map**



DVRCS Project Schedule					
Project Phase	Year				
	2016	2017	2018	2019	2020
Design		■	■	■	
Bidding			■		
Construction				■	■

## PROJECT BENEFITS

The DVRCS project will control overflows at two permitted CSO locations along Doan Brook; reduce CSO occurrences from 22 and 47 overflows per year at DV-24 and DV-25, respectively, to 3 or fewer overflows; and alleviate sewer surcharging, providing the following benefits:

- Improved water quality in Doan Brook;
- A reduction in public health risks associated with CSOs;
- A cleaner Lake Erie for drinking water, boating, beach-going, and other recreational purposes; and
- Wet weather flooding relief.

**CONSTRUCTION COST:** \$13.5 Million

**STATUS:** Construction in progress