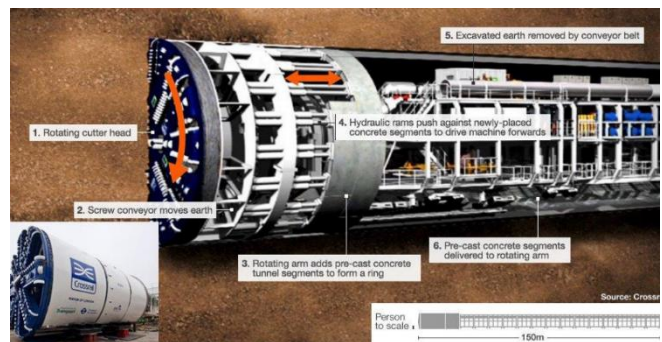


THREE RIVERS PROTECTION AND OVERFLOW

STATE PROGRAM: Indiana Finance Authority

ASSISTANCE RECIPIENT: City of Fort Wayne

ASSISTANCE AMOUNT: \$188M



PROJECT DESCRIPTION

Fort Wayne embarked on an ambitious approach to meet a Consent Decree to reduce the volume of combined sewage discharged while providing extra protection against extreme weather events. The Three Rivers Protection and Overflow Reduction Tunnel (3RPORT) was constructed using \$188 million in financing from the CWSRF. The highlights of the massive infrastructure project are 5 miles of 16-foot diameter tunnels and 1 mile of 18-foot diameter connection sewers with an expected useful life of 100 years. The cost savings are as out-sized as the underground tunnels: \$1.70 per gallon compared to \$5 per gallon to retrofit existing stormwater storage. Experts estimated that only a 12-foot diameter tunnel would be necessary to meet the terms of the Consent Decree, but the City decided to widen the tunnel to a 16-foot diameter for the prospect of future rainfall increases and higher than expected stormwater flows. The mega-tunnel offers an additional 18 million gallons of storage, ensuring that this scenic city at the confluence of the Maumee, St. Marys, and St. Joseph rivers will be able to weather the storms to come.

To read more about this case study, please visit [epa.gov/sites/default/files/2017-11/documents/pisces_compendium_final2.pdf](https://www.epa.gov/sites/default/files/2017-11/documents/pisces_compendium_final2.pdf).