

ISCO Industries Supplies Large-Diameter Profile Pipe for CSO Project

Jeffersonville, IN

The city of Jeffersonville needed to replace deteriorating concrete pipe in order to limit and control any Combined Sewer Overflow (CSO) discharge into the Ohio River. ISCO introduced large-diameter profile pipe to the city and engineer as a solution. The city of Jeffersonville chose the profile pipe system because it was both cost-effective and innovative. The large-diameter pipe system provided an air-tight uniform connection through all joints, including pipe-to-manhole transitions.

Scope

Spiral wound high-density polyethylene (HDPE) profile pipe was used for this project.

The project included:

- 200' of 60" ID Profile Pipe
- 60" ID offset manhole
- 60' of 63" solid wall HDPE pipe
- 63" 45-degree elbow

All pipes were joined using an integrated electrofusion bell and spigot technology. ISCO also designed and fabricated the manhole, wrote the spec for the pipe, as well as assisted with the installation and training of the electrofusion process.



Large -diameter pipe lowered into trench to connect to manhole

Project Contacts:

Owner:

Mayor Tom Galligan, City of Jeffersonville, IN

Engineer:

Jorge Lanz, P.E., President, and Josh Hillman, P.E., Design Engineer, Jacobi, Toombs & Lanz, Inc.

Contractor:

Charlie Galligan, Project Foreman, and Mike Flynn, Project Manager, Excel Excavating



Large-diameter profile pipe joined to manhole using electrofusion

"This was the first project Excel Excavating completed using the large diameter pipe and ISCO Industries as a working partner. Ultimately, with the help of ISCO's support team, this task was completed on time and within budget."

-- Mike Flynn