

Cleveland, Ohio

Culvert Reline



The residents of the village of Gates Mills, a quiet community just outside of Cleveland, were spared months of traffic and village disruption when Weholite was selected for their culvert rehabilitation project. The existing 120" CMP culvert was under 35' of cover and corroding badly.

Open cut construction would have resulted in hundreds of haul trucks in and out of the community, affecting the private property of homeowners and general safety in the village.

The culvert was sliplined with 96" Weholite. Weholite is a closed profile-wall pipe manufactured from high density polyethylene (HDPE) resin and is highly corrosion and abrasion resistant.

Weholite was selected for its ease of installation, abrasion resistance and longevity. According to the Chief Bridge Design Engineer, "The Weholite Profile Wall HDPE Pipe solved most of the design and construction challenges that this project presented. After spending a lot of time exploring other rehabilitation and replacement alternatives, we could not find another solution that matched the constructability, material and cost benefits provided by your product."

The project was completed in six weeks at a third of the cost of open cut construction, in at least half the time.



Weholite completely installed in the existing CMP culvert.

Project:
Culvert Reline on Old Mill Rd.

Owner:
Village of Gates Mills/
Cuyahoga County

Application:
Sliplining of an existing 190'-
120" CMP culvert with 96"
Weholite

Agent:
D.A. Van Dam &
Associates