

CASE STUDY



PROJECT DETAILS

Project Name:

Calhoun Road

Location:

Brookfield, WI

Owner:

City of Brookfield

General Contractor:

Michels Corporation

Engineer:

WSP

Product Manufacturer:

County Materials
Corporation

Date:

2021

Key Products:

Reinforced Concrete Pipe

Reinforced Concrete Pipe Provides an Economical, Flood-Resilient Solution for Roadway Expansion Project

Solutions: Reinforced concrete pipe offers sustainable, flood-resilient infrastructure solution for roadway expansion

Calhoun Road is a major corridor through the City of Brookfield, WI, traveled by many vehicles each day. To improve safety and traffic flow, the roadway was expanded from two to four lanes.

County Materials' Reinforced Concrete Pipe was specified by project leaders for its unmatched strength and reliability. The inherent durability of concrete pipe is enhanced with wire reinforcements, which help the pipe serve as a structure and a conduit. Concrete pipe optimizes water flow and resists flotation, enhancing community safety.

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Reinforced Concrete Pipe offers economic benefits and low life cycle cost. Concrete pipe is made of natural, locally sourced materials and fly ash, which can reduce cement production and its environmental impact. This sustainable drainage solution is resilient and requires minimal maintenance throughout its prolonged service life that can exceed 100 years.

County Materials' readily available pipe was delivered to accommodate changes in the construction schedule. County Materials manufactured and delivered 13,000 linear feet of concrete pipe for this roadway expansion.



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