

CASE STUDY



PROJECT DETAILS

Project Name:

Zoo Interchange

Project Location:

Milwaukee, WI

Property Owner:

Wisconsin Department
of Transportation

General Contractor:

Lunda Construction,
Michels Corporation,
Edgerton Contractors

Engineer:

Wisconsin Department
of Transportation

Key Products:

Reinforced Concrete
Pipe, Prestressed Bridge
Girders

County Materials Supplies Reinforced Concrete Pipe and Prestressed Bridge Girders for Critical Interstate Project

Solution: County Materials' enhanced production capacity helped contractors meet an aggressive schedule for the reconstruction of Wisconsin's busiest freeway interchange

The Zoo Interchange in Milwaukee, linking I-94, I-894, and I-45, is a crucial part of Wisconsin's transportation infrastructure. It was built in 1963 as one of Wisconsin's first Interstate Highway Projects. Deterioration, traffic flow, and safety concerns prompted the Wisconsin Department of Transportation to redesign and reconstruct the interchange.

County Materials manufactured and delivered more than 37,850 LF of reinforced concrete pipe, 500 LF of horizontal elliptical pipe, and 1,150 precast structures for this expansive reconstruction project. Engineers specified reinforced concrete pipe for its unmatched durability and ability to integrate with future expansions.

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In addition, County Materials manufactured and delivered 35 121-foot-long and 21 85-foot-long prestressed bridge girders for the project. Prestressed girders can withstand heavy loads and their inherent durability resists the elements, enduring freeze/thaw cycles during the winter months.

County Materials' efficiency helped contractors reduce time and cost. The durability of reinforced concrete pipe and prestressed bridge girders ensures the Zoo Interchange will be a resilient asset for the interstate system for generations.



Concrete pipe maximizes taxpayer dollars with its 100-year service life and low life cycle cost.