

REINFORCED CONCRETE PIPE



Resilient. Sustainable. Natural.

The choice of the century for longevity, reinforced concrete pipe offers a proven design life of more than 100 years—making it one of the most durable and sustainable solutions for drainage and sanitary sewer systems. Since the mid-1800s, RCP has been the trusted choice across North America thanks to its unmatched strength and reliability. Engineered to support both dead and live loads, its reinforced structure consistently outperforms design expectations, delivering exceptional long-term value.

Concrete has always been a “green” material—long before sustainability became a trend. Our RCP is manufactured using locally sourced aggregates, cementitious materials, and U.S.-made recycled steel, minimizing environmental impact and ensuring a lighter carbon footprint compared to alternative pipe products.

STANDARDS: PRECAST REINFORCED CONCRETE PIPE

- ▶ AASHTO M170
- ▶ ASTM C 76
- ▶ ASTM C 443
- ▶ ASTM C 361

COMPLETED PROJECTS

TYPE/USE	PICTURE
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THE ATOKA PIPELINE INCLUDES RCP FOR MICROTUNNELING

This is the largest water pressure pipeline project in North America, transporting raw water from Lake Atoka to Lake Stanley Draper in Oklahoma City. It features 72- and 84-inch reinforced concrete casing pipe for microtunneling.



Joins that keep soil and water at bay.

An RCP is only as strong as the joints that connect it. Thompson Pipe Group manufactures joints to meet project requirements for either soil-tight or water-tight performance. Both options are engineered to accommodate deflection and longitudinal movement while providing the strength to handle shear and vertical loads.

TEST: PCCP HIT BY EXCAVATOR 100 TIMES

Taking testing to the ultimate we punched a 84" 10-Year-Old AWWA C301 100 Times before it broke through. Proving the pipe does not explode when struck. We make tough pipe.



Dimensions

Available in diameters from 12" to 156" and designed for D-loads up to 9150D, our RCP meets the most demanding project requirements. Whether you need standard sizes or custom solutions, we're your one-stop resource. Our team of manufacturers, engineers, and contractors brings a collaborative, problem-solving approach to every project.

LOGISTICS

The Thompson Pipe Group fleet transports pipe, fittings and parts.



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