

# Rinker

MATERIALS®

A QUIKRETE® COMPANY

## Stormwater Collection



Weathering the Storm With Rinker Materials®

[www.rinkerpipe.com](http://www.rinkerpipe.com)

# WEATHERING THE STORM WITH RINKER MATERIALS

Climate impacts almost everything about how we design and build infrastructure across Canada. As precipitation continues to increase, we have to look to solutions to manage stormwater. Municipalities have developed policies such as water storage of the first 25mm of rain onsite.

Rinker Materials has provided high-quality stormwater collection solutions to effectively and efficiently manage these vast conditions

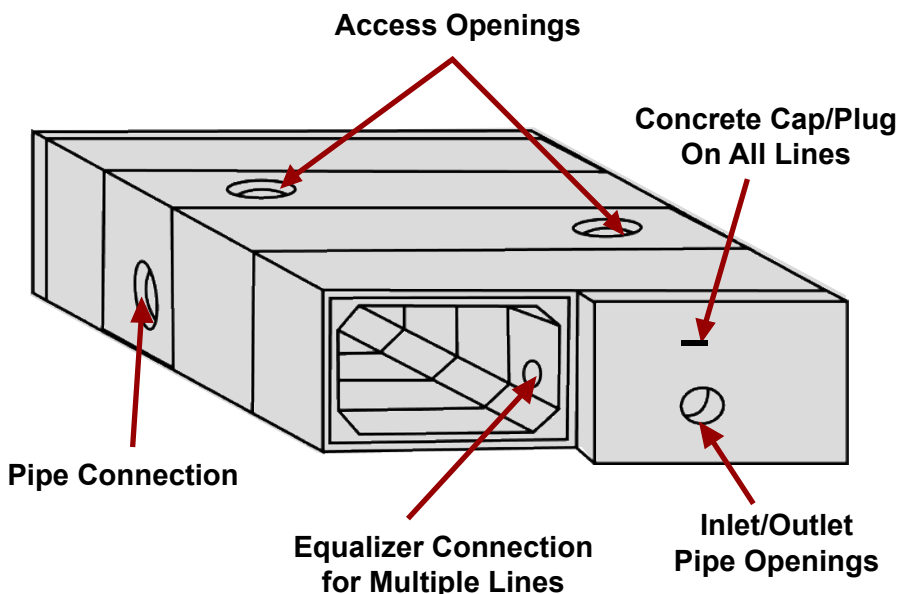
Rinker Materials manufactures a comprehensive line of precast concrete stormwater retention / detention systems designed to accommodate the structural, hydraulic and volume engineering specifications of any project. Ideal for underground conditions with shallow cover, special waterway requirements and / or unusual load conditions, the Rinker materials reinforced concrete stormwater systems feature a wide variety of standard size components to meet or exceed applicable OPSD / CSA 257 standards and local requirement for safely capturing, storing and reallocating stormwater.



## WHY REINFORCED CONCRETE STORMWATER SYSTEMS?

The strength and durability of precast reinforced concrete make it a superior option to flexible alternatives in stormwater retention / detention systems. For example, installing a concrete stormwater system in high traffic areas avoids common failures associated with flexible products used on those project applications. In the case of reinforced concrete boxes, the box sections can even be designed so that construction equipment can be driven directly on top of the boxes for ease of installation.

### Single or Multiple Line Systems Available



- ✓ *Easy, quick and economical installations*
- ✓ *Less stringent backfill requirements*
- ✓ *Easy, quick and economical installations*
- ✓ *Smaller installation footprints*
- ✓ *Rapid design phase (AASHTO / ASTM design)*
- ✓ *Lower traffic control and project management expense*
- ✓ *Superior quality control and strength*



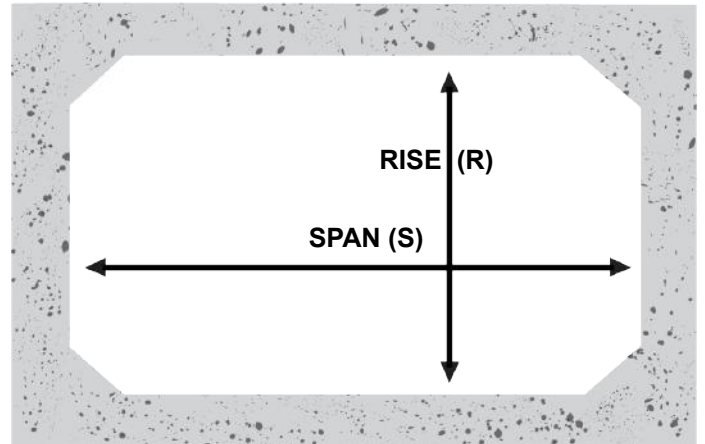
# WHY RINKER MATERIALS

As an industry leader in the concrete pipe and box industry, Rinker Materials leverages innovative technology and engineering expertise to consistently deliver underground stormwater systems that perform exactly as specified. From engineering design to plant production to on-site delivery to installation guidance to post-installation review, Rinker Materials is committed to unmatched customer service supporting the highest-quality concrete solutions on the market throughout the project life cycle.

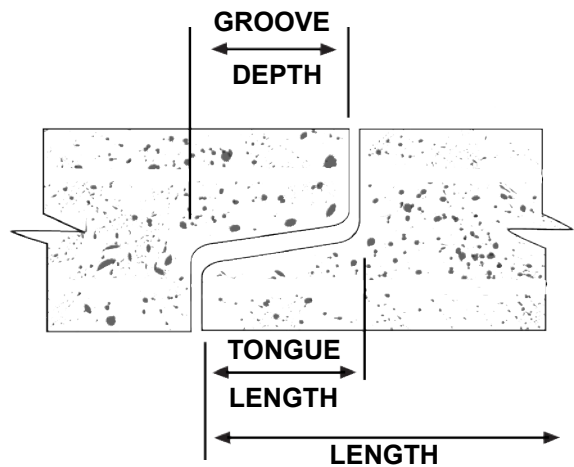


## RINKER MATERIALS

### Reinforced Concrete Box Culvert



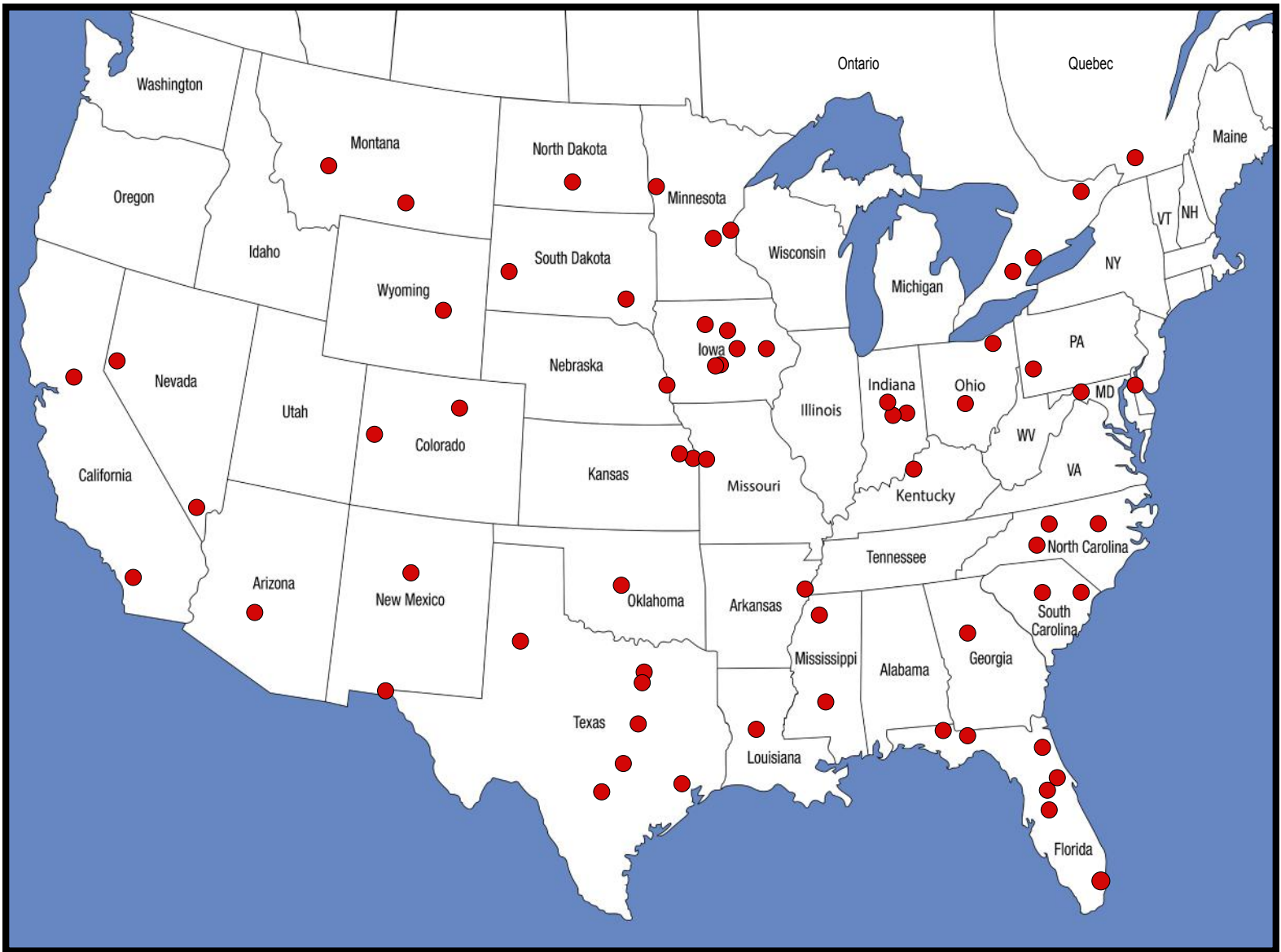
Section thru Box Culvert



Section thru Box Joint

## PARTNER WITH RINKER MATERIALS

Rinker Materials staff of experienced design professionals and state-of-the-art manufacturing facilities have established a strong track record of success when it comes to producing reinforced concrete pipe and box for stormwater collection systems. From private cooperative utilities in rural areas of the country to public mass transit in large metropolitan cities, contact Rinker Materials to partner on your next stormwater system installation project today.



# Rinker

MATERIALS®

**A QUIKRETE® COMPANY**

