

## REINFORCED CONCRETE PIPE

**DATE:** Friday, January 19, 2018

**TIME:** 10:00 – 11:30 AM CT (9:00 – 10:30 AM MT)

**REGISTRATION DEADLINE:** Tuesday, January 16, 2018

**DELIVERY:** Webinar

**PRESENTATION HOURS:** 1.5 hours

### PRESENTATION DESCRIPTION

#### Part 5 of an 8-Part Webinar Series on Roadway/Street Pipes

- History of Reinforced Concrete Pipe
- Production methods - past and present
- Design guidelines – selecting pipe gauge, coating and size; inlet/outlet control, when Manning's matters, soil basics, soil envelope, etc.
- Installation process – line and grade, backfill materials, soil/pipe interaction, construction equipment, repairs, etc.
- Construction loads – initial construction and future roadway reconstruction efforts
- Floatation – buoyancy forces
- Inspection best practices, pre and post installation
- Failure modes and risks – construction, debris, end of life, ph, abrasion, head pressure, loading, UV, etc. Failures will be covered in detail to instill the need to follow the standards recommended for a successful pipe installation with the goal to provide the pipe life that was purchased
- Asset inventory – recommendations
- New products – new technologies – new pipe types, liner options, what's next?

### SPEAKER(S)

**Jason S. Kruger** is the Technical Resource Director at Dakota Concrete Pipe Association (DCPA) and the Minnesota Concrete Pipe Association (MnCPA). He educates designers, specifiers, contractors, business owners and engineering students on the technical and economic aspects of concrete pipe for culverts, storm and sanitary sewer applications. Kruger has worked his entire 27-year career in the concrete and cement industry with positions in technical service and engineering management. He is a 1988 civil engineering graduate of Iowa State University in Ames.

### TARGET AUDIENCE

Everyone involved in the conveyance of storm water will want to take part in this webinar series. Designers, construction inspectors, maintenance workers, and contractors will benefit from this eight-week series - Pipe Inspections; CMP; HDPE/PP; PVC; RCP; Liners part 1; Liners part 2, and Jacking/Boring.

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