

## ACPA WORKSHOP

# CONCRETE PIPE & BOX CULVERT MANUFACTURING METHODS

**MARCH 17, 2022** | **12:45PM - 5:00PM EST**

*Materials* | *Technique* | *Equipment*

**PDHs Offered: 4.0**

### CONCRETE PIPE MANUFACTURING METHODS

Today's concrete pipe manufacturers use a variety of processes to produce high quality reinforced concrete pipe. What's more, new and improved machines and methods are continually being developed to deliver superior products. This workshop will discuss commonly used production methods, as well as detail component materials, techniques, and equipment used for production. Attendees will learn the process implemented in the development of mix designs that consistently provide optimum strength and density, and attendees will leave with an understanding of how exceptional products are manufactured.

### INSTRUCTOR-LED ONLINE TRAINING

ACPA Workshops are taught by industry-leading subject matter experts. The courses combine both live sessions and independent, online work that students complete during the training. Independent work includes short assignments such as videos, quizzes, and/or readings. Live sessions allow students to apply the knowledge they just learned during the independent online work time. Access to a computer with a webcam and a reliable computer connection will facilitate a successful learning experience. Come prepared to lean forward into the training and be an active participant.

**12:45-1:30pm**    **INTRODUCTIONS, OUTLINE & LIVE DISCUSSION**

**1:30-2:45pm**    **MODULE 1 & INDEPENDENT WORK**

- Lesson 1 – Mix Designs, Batching and Curing
- Lesson 2 – Wet Cast Production / Dry Cast Production
- Watch lectures and complete assigned work

**2:45-3:15pm**    **LIVE DISCUSSION**

**3:15-4:30pm**    **MODULE 2 & INDEPENDENT WORK**

- Lesson 1 – Pipe / Box Culvert Reinforcing
- Lesson 2 – Quality Control / Quality Assurance / Testing
- Watch lectures and complete assigned work

**4:30-5:00pm**    **LIVE DISCUSSION & WRAP-UP**

## REGISTRATION

Learn more and register: [concretepipe.org/workshops](https://concretepipe.org/workshops)

Registration fees: \$25/attendee