



Association for Bridge Construction & Design

Northeastern Ohio Chapter – [www.abcdneoh.org](http://www.abcdneoh.org)

## Monthly Meeting Notice

Thursday, March 30<sup>th</sup>, 2017

### Canal Road Bridge Micropile Installation Tour and Social



#### Program:

The Great Lakes Construction Company is currently working on Phase 2 of the Canal Road Bridge Rehabilitation Project. This bridge is constructed over the CSX railway and under the Norfolk Southern railway. Canal Road will be realigned and the bridge will be widened with portions of the existing abutments being rehabilitated, while building a new superstructure, as well as new and reconstructed wingwalls. This bridge rehabilitation project is unique to the City of Cleveland and the Ohio Department of Transportation in that it involves the installation of micropiles as the structural foundation for the bridge. Micropiles were chosen in the design because of the tight clearances with both railways. The process to install a micropile involves drilling steel casing to a specified depth, inserting rebar through the middle of the drilled pile, and then pressure grouting to form a bond between the bottom of the micropile and the soil. Grout is pumped up through the entire steel casing to hold the rebar in place. This tour will allow attendees to watch the installation of the micropiles and ask questions about the process to the project management team.

**Tour attendees will need to dress appropriately (long pants and hard-soled, closed-toe shoes). A hardhat, safety vest, and safety glasses will also be required for safety purposes on the project.**

Please park at the Great Lakes trailer location shown on the map [here](#) (in red). Parking is very limited near the project and to eliminate congestion and interrupting the project's work for that day we would like to limit the number of vehicles near the project. Please park at the trailer and shuttle as many attendees to the project site (in green). This location will also be used for shuttle parking. The bridge is located in purple. **The tour is limited to the first 25 people, but the social afterwards is not limited.**

**Social:** There will be a social after at the Flat Iron Café (1114 Center Street, Cleveland, Ohio 44113). Pizza and appetizers will be provided.

**Time:** 3:00 PM

**Cost:** \$15 – ABCD Members and \$20 – Non-Members/Guests

**RSVP:** [Eventbrite](#) or QR Code →



One (1) Continuing Professional Development hour will be provided. If you attend and sign in at the meeting, and wish to obtain CPD credit, please go to our website (<http://www.abcdneoh.org/professional-development.html>) following the meeting to obtain the sign-in sheet and announcement.

**Kindly RSVP by 5:00 PM Friday, March 24, 2017**

*No-shows and Cancellations after the reservation deadline may be billed.*

#### ABCD Northeast Ohio 2016-2017 Officers

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