



## COURSE #0816A:

The NEPA Process for the P3 PA Rapid Bridge Replacement Project

**Session Date and Time:**

**November 17, 2016, 11 AM to 1 PM**

**Instructional Hours:**

**2 hours total (2 PDHs) (0.2 CEUs)**

**Instructors:**

**Angelo Waters, PE, LEED® AP, Practice Leader,**  
Environmental Services

**Jennifer Waters, PE, LEED® AP, Deputy Practice Leader,**  
Environmental Services

**Location:**

Independence Training Room

Urban's Philadelphia Office, 530 Walnut Street and  
Via GoToWebinar

**Cost (per in-person student and per GoToWebinar Connection):** \$150 (or special rate of \$50 for government/agency employees and full-time students) CEUs/Exams: For GoToWebinar reservations, CEUs

will be granted to the person who originally ordered the reservation (or that person's designee). Additional exams are available for a fee of \$75 per person (\$20 per person for gov't employees/students).



**Angelo Waters**

**Instructor Descriptions:** Mr. Waters oversees the environmental practice working to transform blighted properties and aging infrastructure into green hubs that revitalize neighborhoods, spur economic development, and connect culturally diverse communities.

Ms. Waters is an expert environmental engineer and manager with more than 15 years of experience. They both manage and perform projects involving Phase I/Phase II environmental site assessments, in-situ and risk-based remediation, asbestos investigations, NEPA compliance, environmental management systems, sustainability initiatives, and site development/ stormwater management. They provide environmental services to transit and rail authorities, transportation agencies, private developers and commercial industries.



**Jennifer Waters**

**Course Description:** In 2013, Pennsylvania embarked on the public-private-partnership (P3) project between PennDOT and a private developer consortium. This project's goal is

to have hundreds of bridges replaced across the state by 2017; years sooner than could ordinarily be achieved with traditional procurement. Each replacement has to first be designed and receive the necessary permits and approvals - all on a fast track. Take this course to learn about the NEPA process challenges and details to get these bridge replacements on the fast track to reconstruction.

**At the end of this class, participants will be able to:**

- Define the P3 project and what it entails
- Discuss the NEPA process
- Discuss the environmental resources that are protected under NEPA and best practices for mitigation
- Explain the environmental approval process and the coordination required

**EMAIL TO REGISTER:**

[TrainingInstitute@urbanengineers.com](mailto:TrainingInstitute@urbanengineers.com)

**DEADLINE FOR REGISTRATION:**

November 14, 2016



NOTE: Students who complete this course will receive a Certificate of Completion. Successful completion includes: verification of attendance, completion of the course evaluation, and receiving a passing grade on the course quiz. Please note it is the responsibility of the registrants to ascertain the requirements of their particular professional engineering state licensing boards. To determine the requirements in your state, please see [http://www.ncees.org/Licensing\\_boards.php](http://www.ncees.org/Licensing_boards.php)

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