



## Chapter Meeting on Wednesday, December 4th, 2024

Please join us for our upcoming meeting where we will be featuring the following presentation:

### Washington Road (CR 571) Bridge over D&R Canal, High Priority Bridge Replacement

**Presented by: Marilyn Fox, P.E. and Dan Zaleski, P.E.**

The Washington Rd Bridge over the Delaware & Raritan Canal (Structure No. 3000-156), in the Municipality of Princeton and the Township of West Windsor in Mercer County, connects Princeton University/Rt 27 to Rt 1. As a result of observed deficiencies, bridge replacement was advanced as a high priority to restore integrity to the corridor and reduce maintenance costs. Extensive coordination with utility owners was necessary to advance the design expeditiously and minimize impacts to the Fall semester of Princeton University.

Design alternatives and accommodations were also needed for the bridge, wingwalls, and guiderail layouts to achieve utility owner approval. Utility communications, accommodations, risk analysis, advanced relocations, and lessons learned will be discussed.

**Marilyn Fox** is a Supervising Engineer with WSP. Marilyn completed her BS at Drexel University and has over 20 years of professional experience. She has a wide range of experience from Concept Development through Construction, managing small and large roadway projects, such as **Route 42 - Kennedy Ave to AC Expressway**, as well as leading tasks such as Geometric Design, Utilities, Access, and Right-of-Way design. Marilyn has worked on some of the Department's most accelerated/high priority projects such as **River Road over NJ Transit** and most recently, **Washington Rd over D&R Canal Bridge Replacement**.

**Dan Zaleski** is a Lead Structural Engineer with WSP. Dan completed his BS at Rutgers University and has 18 years of professional experience. He has worked on unique projects such as the **Pulaski Skyway Deck Replacement**, where he designed retro-fit cantilever beams to existing floorbeam in order to add a new lane to the structure. Dan has also been a key designer for Accelerated projects such as **River Road over NJ Transit** and most recently, **Washington Rd over D&R Canal Bridge Replacement** by developing design solutions that can expedite construction with scheduling backup data to offer justification of accelerated schedules.

**This Presentation Qualifies for 1 Continuing Professional Competency Credit (CPCC) for New Jersey Licensed Professional Engineers.**

#### PLACE

KC Prime Steakhouse  
4160 Quakerbridge Road  
Lawrenceville, NJ 08648

#### DATE & TIME

Wednesday, December 4, 2024  
5:15 Chapter Business Meeting  
6:00 Social Hour  
6:30 Dinner/Presentation

#### COST

\$55 Members & Guests  
\$20 Students  
(Checks payable to PESMC  
or visit [paypal.me/pesmc](https://paypal.me/pesmc))

#### REGISTER

RSVP to Megan Ortiz  
[Megan.Ortiz@wsp.com](mailto:Megan.Ortiz@wsp.com)  
By Monday, December 2, 2024

Do you have an idea for a future PESMC presentation?

Let us know!

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