



SPEAKERS: DIANA JANDRESKI, PE
& FARID AMADOR

MOVABLE BRIDGES

AN INTRODUCTION WITH FOCUS ON CONTROLS AND AUTOMATION

TOPIC TO BE DELIVERED AT UPCOMING
HEAVY MOVABLE STRUCTURES (HMS)
CONFERENCE THIS FALL

DATE: MAY 25, 2022

TIME: 12PM – 1PM (EDT)
9AM – 10AM (PST)



Presentation Agenda

This presentation will be broken down into two main sections consisting of an Introduction to Movable Bridges followed by a focus on movable bridges' electrical control systems, and remote operations.

The Introduction to Movable Bridges portion of the presentation will provide the foundation for understanding the basics of movable bridges. The topics of discussion will include the what and the why, the main types of movable bridges, and much more.

For the next portion of the presentation, the discussion will cover the controls aspects of movable bridges followed by a focus on remote control operation as well as remote monitoring and data logging. Automated controls for remote operation of movable bridges is a recent trend originated to address client needs for increased operation safety and reduced operation costs. Here you will learn the basic concepts and approaches to making a movable bridge remote control operated and the associated benefits of doing so.

Register Today:

<https://events.vtools.ieee.org/m/311615>

Registration Fee: FREE!

About the Speakers

Diana Jandreski, PE:

Mechanical Engineer specializing in movable bridges at HDR Inc. with 8+ years of experience in mechanical and structural engineering including movable and fixed bridge design and inspection. Bachelor's degree in Mechanical Engineering and Master's degree in Civil Engineering concentrated in Structures.

Farid Amador:

Senior Electrical Designer specializing in movable bridges at HDR Inc. with 17+ years of experience in electrical engineering including movable bridge design and inspection, water and wastewater industrial control panel manufacturing and design, and electrical and electronic manufacturing industry. Bachelor's degree focused in Computer Forensics from ITT Technical Institute-Indianapolis.