

FHWA BRIDGE LOAD RATING WEBINAR SERIES

Office of Bridges and Structures
Bridge and Structure Load Rating Working Group
Federal Highway Administration

To provide continued awareness for local, regional, and State transportation agencies to further support FHWA's initiative and advance the state of practice in bridge load rating and posting.

Webinar No. 23: Load Rating of Complex Bridges (2)

From 1:00 – 3:30 pm EST
February 20, 2018

PRESENTATIONS

Analyses of complex bridges require special considerations. Standard procedures in the specifications for typical bridges may yield overly conservative estimate of demands or capacities. This webinar is the 23rd in this Webinar Series and will focus on the process and procedure for load rating of arch bridges. The third presentation will demonstrate a procedure for automating the refined analysis of girder bridges, but the procedure can be adapted for complex structures.

This webinar includes three presentations:

- Tom Saad (FHWA): Welcome/Introduction
- Joe Stith and Benjamin Blasen (Jacobs): Load Rating of Arch Bridges - Buckling Analysis and Case Studies
- Jon R. Eberle (AECOM): Analytical Methods for Determining Capacity of a Continuous Tied Steel Arch Bridge – A Case Study
- Tom Golecki (Intelligent Infrastructure Systems): Automating Refined Load Rating for Girder Bridges
- Questions and Answers

How to Participate:

Follow the link below to register:

<https://connectdot.connectsolutions.com/topic23/event/registration.html>

Links to the previous webinars are available at:

<http://www.fhwa.dot.gov/bridge/loadrating/>

Please contact Lubin Gao, Ph.D., P.E. (Lubin.Gao@dot.gov) for any questions.