

Course Title: Seminar - Load Rating of RC Frames & Arches

Description: This course is for bridge designers and engineers to learn how to load rate reinforced concrete frames and arches using AASHTO LFR & LRFR Specifications

Length of Course: 6.0 to 7.0 hours

Target Audience: Bridge Engineers (ODOT, Consultants, City, County)

Course Material: Will be emailed to attendees before the seminar date

Cost: None - seating is limited to room capacity

Instructors: Omar Abu-Hajar, PE
Amjad Waheed, PE

Date: March 14, 2012

Time: 9:00 AM – 4:00 PM

Location: Large Training Room, 1616 West Broad, Columbus, OH 43223
(Use Google Map for Location)

Please note: ODOT will provide a certificate for 6.0 CPD hours for attending the whole seminar

ODOT Internals: To register for this training and confirmation, please contact your training coordinator.

ODOT Externals: To register for this training, please send the following information about each person interested to attend to Omar Abu-Hajar (omar.abu-hajar@dot.state.oh.us) by email only.

We will confirm the registration by a return email (if you don't get the email one week before the date of training, please contact Omar Abu-Hajar. Seats for non-ODOT personnel will be reserved based on first come first serve basis. If you have registered and you think you would not be able to make it to this training, please email us immediately so that we can offer your seat to the next waiting person. Thank you.

Registration Form for Externals:

First & Last Name:	
Title:	
Agency Name:	
Contact Phone Number:	
Email:	
Need CPD Certificate (Yes/No)	

Tentative Agenda:

- Introduction to Frames and Arches (Types & Definitions)
- Load Rating Basics
- Reinforced Concrete Design Theory
- Combined Axial-Bending Curve Example
- Lunch (on your own)
- Overview of ODOT's Load Rating Spreadsheet
- Load Rating Rigid Frame Example
- Load Rating of Buried Arch Example
- Load Rating of Through Arch.