



Meeting Notice

Concrete Torsion

Please join us for an educational presentation on torsion in concrete by Erik Nelson, PE, SE of Structures Workshop, Inc. Erik will introduce the basics of designing for torsion using ACI 318-11. He will discuss methods of designing for shear and torsion including importance of stirrup detailing using the truss analogy.

While torsion capacity is somewhat straight forward, there is some art in the determination of torsion demands, and he will describe best practices for evaluating various components of concrete structures for torsion, including stiffness assumptions in modeling spandrel beams. There will be examples from practice including detailing errors that can be eliminated by understanding torsion basics. There will be time for informal discussion and no background necessary on torsion in concrete required.

DATE: Tuesday, May 20, 2014

TIME: 4:30 p.m. – 6:00 p.m.

LOCATION: Department of Administration
Conference Room B
One Capitol Hill
Providence, RI 02908

SPEAKER: Erik Nelson, P.E., S.E.
Structures Workshop, Inc.
Providence, RI

FEE: Free to SEARI members or join at the door for \$60.00/year (includes 5 events/year + Structure Magazine) (A special single meeting fee of \$10 for prospective members will be accepted)

RSVP: Please e-mail
loqamotion@gmail.com
Or call 401-447-3954

For directions and parking information please go to the following website:
<http://www.admin.ri.gov/directions/index.php>