

## **Bracing Masonry Walls during Construction**

NC State University  
Raleigh, NC

### **Standard Practice for Bracing Masonry Walls during Construction**

In the past year, several serious accidents have occurred from the collapse of masonry walls during the construction process. A new standard was accepted by OSHA that incorporates both Allowable Stress design and Strength design in supplementing the 29 CFR 1926.706 Subpart Q for masonry construction. Since the existing OSHA standard does not provide for adequate methods of bracing, the Council for Masonry Wall Bracing was formed to prepare a more thorough standard with life safety as the principal goal. The new Bracing Standard employs the use of pre-engineered tables for wall height restrictions and bracing locations. This discussion is tailored for both General and Masonry Contractors and will include the effects and monitoring of wind speed and loads, hazard identification, the limited access zone, scaffolding requirements, and the responsibility for adequate wall and bracing system design and implementation. All attendees will receive a seminar workbook and a copy of the Masonry Wall Bracing Standard.

#### **Instructors:**

Edwin C. Weaver, PE  
Lecturer and Senior Construction Extension Specialist  
Department of Civil Engineering  
Campus Box 7908  
North Carolina State University  
Raleigh, NC 27695-7908  
(919)-515-7430

Dr. David W. Johnston, PE  
Associate Department Head  
Department of Civil Engineering  
Campus Box 7908  
North Carolina State University  
Raleigh, NC 27695-7908  
(919)-515-7412

**Please call (919)-515-7430 for more information.**