

Code Advisory Committee 2010-2011

Ronald O. Hamburger, SE, SECB

Chair



Charter

- Provide a single voice on behalf of practicing structural engineers before developers of codes and standards
 - Provide a path for members to effect change in the codes and standards
 - Protect the codes and standards from inappropriate revisions
 - Safe structures
 - Practical, enforceable, reliable, and equitable requirements



Organization

- General Committee, Ed Huston, Chair
- Seismic Committee, Kevin Moore, Chair
- Wind Committee, Don Scott, Chair
- Quality Assurance, Kirk Harman, Chair
- Existing Buildings, David Bonowitz, Chair
- Evaluation Services, Bill Warren, Chair



ACCOMPLISHMENTS



General Engineering

- Coordinated with groups interested in:
 - open-web-steel-joists,
 - composite and non-composite steel diaphragms,
 - wood trusses
 - cold-formed steel trusses
- Coordinating with local SEA groups investigating tornado and hurricane events



Wind Engineering

- Conducted a survey to determine which methods engineers are using
- Conclusion most engineers use the ASCE 7 “all-heights” method
- Only want one method – but make it as simple and broadly applicable as possible



Seismic

- Coordinated with FEMA/BSSC Code Resource Support Committee
- Presently working with BSSC to explore further simplification and improvement of values for anchorage to concrete



Existing Buildings

- Coordinating with SEAs for submission of IEBC proposals on:
 - Prescriptive seismic upgrades
 - Voluntary wind upgrades
 - Snow load upgrade – “triggers”



Quality Assurance Committee

- Working with SDI to develop standard for Steel Deck Q/A
- Submitted proposal to ICC for quality assurance criteria for light-framed wood and cold-formed steel construction



Evaluation Service

- Continued participation in committee evaluating Acceptance Criteria for shear panel products mounted on other than a rigid base
- Working with SEAOC – developed white paper on ES process and potential improvements
- Coordinating with BSSC efforts to standardize FEMA P-795



The Future

- Busy year ahead for 2015 Standards Process
- Continued partnering with ASCE/SEI and other Standards Development Organizations to react to new code development processes
- Continue seeking to partner with evaluation services



The Future

- Partner with an appropriate standards development organization to convert IBC Chapter 17 and Chapter 18 into standards



Questions?

