



## Meeting Agenda

### 347 – Formwork for Concrete

#### Fall Convention Virtual Meetings

**Saturday, October 24, 2020, 5:00 PM to 7:00 PM (Eastern)**

**Thursday, October 29, 2020, 10:00 AM to 2:00 PM (Eastern)**

**Mission:** Develop and report information on formwork for concrete construction.

**Goals:** 1) Periodically update existing committee documents to reflect current practice and research developments; 2) Develop a design specification for formwork; 3) Develop guidance on formwork pressure when using self-consolidating concrete (SCC); 4) Serve as a resource for ACI Committee 301 on formwork and formed concrete surfaces; 5) Support development and presentation of ACI formwork seminars, webinars, and convention sessions; 6) Encourage research on concrete formwork design, construction, and performance.

#### Committee Members

Jeff Jack	RedBuilt	Chair
Rick Eder	Ceco Concrete Construction	Secretary
Carl Larosche	Wiss, Janney, Elstner Associates	TAC Contact
Rodney Adams	Baker Concrete Construction	VM
Mary Bordner-Tanck	R H Bordner Engineering	VM
Nicolaus Coffelt	Aluma Systems	VM
Eamonn Connolly	James McHugh Construction Co	VM
James Cornell	JN Cornell Associates	VM
Chris Garcia	Pankow Builders	VM
Brian Golanowski	Universal Forest Products	VM
Andrew Gray	EFCO	VM
Supriya Gupte	Accu-Crete Inc	VM
Tim Hayes	Ceco Concrete Construction	VM
Mark Hirschi	Baldrige & Associates (BASE)	VM
Kris Hughes	Baker Concrete Construction	VM
David W. Johnston	North Carolina State Univ. (retired)	VM
Phil Jones	EllisDon	VM
Destry Kenning	Nox-Crete Products Group	VM
Bob Kent	Doka USA	VM
Kevin Koogle	Koogle Engineering, LLC	VM
Yvonne Nelson	Form Services	VM
Hector Olivias	Dayton Superior	VM
Doug Peters	Christman Constructors	VM
Eric Peterson	Webcor Builders	VM
Steffen Pippig	MEVA Formwork Systems	VM
Ken Pratt	Swanson Group	VM

Jeff Pritchett	Crimson Engineering	VM
Eduardo Rojas	University of Queretaro	VM
Brian Ruegge	Kiewit Engineering	VM
Richard Ryon	RMD Kwikform	VM
Douglas Schoonover	Atlas Construction Supply	VM
Aviad Shapira	Technion/Israel Institute of Tech.	VM
John Simpson	Simpson Engineering LLC	VM
Peri Stivaros	Feld Kaminetzky & Cohen-GEI	VM
James Tkach	Largo Concrete	VM
Daniel Toon	United Forming Inc	VM
Ralph Tulis	Structures Consulting	VM
Thomas West	Barton Malow	VM
Scott Winch	PERI Formwork Systems	VM
Gardner P (Jum) Horst	Horst and Associates	Consulting Member
Hai S. Lew	NIST	Consulting Member
Rolf Spahr	Spahr Consult	Consulting Member
Valery Aladiev	PERI Formwork Systems	AM
Aali R Alizadeh	Giatic Scientific Inc	AM
Kim Basham	KB Engineering LLC	AM
Eswar Burra	American Structural Concrete	AM
Brian Carson	Osburn Contractors	AM
George Charitou	FormTec International	AM
Jennifer Clark	Dun Par Engineered Form Co	AM
Michael Core	Swinerton Builders	AM
Michael Damme	Sundt	AM
Anthony DeCarlo	TWC Concrete Services	AM
Sean Dingley	Adb Engineering	AM
Jeff Drobny	UFP Concrete Forming Solutions	AM
Jeff Erson	Erson & Associates	AM
Noel Gardner	Univ. of Ottawa (retired)	AM
Sam Greenberg	Dansco Engineering	AM
Danny Gumm	Sundt Construction	AM
Rishi Gupta	University of Victoria	AM
Jonathan Hawkins	G C Concrete Construction	AM
Michael Hernandez	Parsons	AM
Matthew Hummel	LendLease	AM
Rocky Janney	Koogle Engineering	AM
Kamal Khayat	Missouri S&T	AM
Chong Kim	D.H. Charles Engineering	AM
Jim Kretz	Walbridge Company	AM
Antonio Limbaro	Engineered Devices Corp	AM
Andrew Lloyd	MEVA Formwork Systems	AM
Ward Malisch	ASCC	AM
Daniel McAuliffe	Morley Construction	AM
Richard McCarthy	Swedish Concrete Assoc.	AM
Robert Opie		AM
Andy Pearson	EFCO Corp.	AM
Michael Pedraza	United Forming	AM

Bill Phillips		AM
Rob Rowe	Pacific Wood Laminates	AM
Robert Schulthorpe	ICF-MA	AM
Gunter Sengel	Ishebeck USA	AM
Amerald Simanungkalit	Titan Formwork Systems	AM
John Snyder	Voidform Products	AM
Todd Solar	Jobsite Supply	AM
Adrian Soto	Aluma Systems	AM
John Suther	Wayne Brothers	AM
Amy Trygestad	Concrete Reinforcing Steel Inst.	AM
Eric Twomey	Simpson Gumpertz & Heger	AM
Edward Ulrich	Ulrich Engineers	AM
Kavya Vallurupalli	Missouri S&T	AM

### **Saturday Working Meeting – (10/24/20)**

#### **1. Call to Order (5:00-5:15)**

- 1.1 Introduction of Members and Visitors (Virtual Roll Call)
- 1.2 Announcements

#### **2. Design Specification for Formwork (5:15-7:00)**

- 2.1 Develop content and plan for upcoming ballot

#### **3. Adjournment (7:00)**

**Thursday Main Committee Meeting – (10/29/20)****1. Call to Order (10:00-10:20)**

- 1.1 Introduction of Members and Visitors (Virtual Roll Call)
- 1.2 Announcements
- 1.3 Committee membership; New Members, Resignations
- 1.4 Meeting and Voting Instructions

**2. Approval of Minutes (10:20-10:30)**

- 2.1 Fall 2019 Convention Meeting Minutes
- 2.2 September 1<sup>st</sup> Virtual Meeting Minutes

**3. Old Business - Updates (10:30-10:50)**

- 3.1 ACI 237 Report on SCC Formwork Pressures – Jack
- 3.2 Void Forms Task Group – Cornell
- 3.3 Formwork Session – Stivaros
- 3.4 CRC Research Proposal – Non-Rigid Formwork - Twomey
- 3.5 Reapproval of ACI 347R and ACI 347.3R documents - Jack

**4. New Business (10:50-11:00)**

- 4.1 Feedback on ACI 347.3R document – Jack/Hirschi

**5. Design Specification for Formwork (11:00-1:45)**

- 5.1 Prepare and ballot responses to comments for Ballot on Design Specification Chapters 1,4,5,8
- 5.2 Prepare and ballot responses to comments for Ballot on Design Specification Chapters 6,7

**6. Break (12:15-12:30)**

- 6.1 Community Impact

**7. Ballot and Meetings Schedule (1:45-2:00)**

- 7.1 Anticipated schedule for upcoming letter ballot
- 7.2 Schedule for virtual meetings through Spring 2021 Convention

**8. Adjournment (2:00)**

The next meetings are currently scheduled for Saturday, March 27, and Sunday, March 28, 2021, at the Hilton and Marriott in Baltimore, MD.

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