



American Concrete Institute

38800 Country Club Drive  
Farmington Hills, MI 48331 USA  
+1.248.848.3700  
[www.concrete.org](http://www.concrete.org)

## Meeting Agenda

### 347 – Formwork for Concrete Fall Convention - Virtual Meeting

**Saturday, October 16, 2021, 4:00 PM to 6:00 PM (EST)**  
**Wednesday, October 20, 2021, 10:00 AM to 2:00 PM (EST)**

**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

Rick Eder	Ceco Concrete Construction	Chair
Andrew Gray	EFCO	Secretary
Chuck Larosche	Wiss, Janney, Elstner Assoc	TAC Contact
Rodney Adams	Baker Equipment and Materials	VM
Mary Bordner-Tanck	Bordner Engineering Services	VM
Nick Coffelt	Aluma Systems	VM
Eamonn Connolly	James McHugh Construction Co	VM
James Cornell	JN Cornell Assoc.	VM
Christopher Garcia	Charles Pankow Builders, Ltd	VM
Brian Golanowski	Universal Forest Products	VM
Supriya Gupte	Accu-Crete	VM
Tim Hayes	Ceco Concrete Construction	VM
Mark Hirschi	BASE	VM
Kris Hughes	Baker Equipment and Materials	VM
Jeff Jack	RedBuilt	VM
David W. Johnston	North Carolina State Univ.	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	Aluma Systems	VM
Hector Olivas	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	Kiewitt 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
<b>Consulting Members</b>		
Garner (Jum) Horst	Horst & Associates	Consulting
HS Lew	NIST	Consulting
Rolf Spahr	Spahr Consult	Consulting
<b>Associate Members</b>		
Valery Aladiev	PERI Formwork Systems	AM
Aali R Alizadeh	Giatic Scientific Inc	AM
Dan Ashby	EFCO	AM
Kim Basham	KB Engineering LLC	AM
Andrew Bombassaro	Ischebeck USA, Inc.	AM
Jason Bray	Walter P Moore	AM
Brian Carson	Osburn Contractors	AM
Jennifer Clark	Dun Par Engineered Form Co	AM
Michael Damme	Sundt Construction	AM
Anthony DeCarlo	TWC Concrete LLC	AM
Sean Dingley	aDB Engineering	AM
Jeff Drobný		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
Danny Hinajosa	Kline Engineered & Consulting	AM
Matthew Hummel	LendLease	AM
Rocky Janney	Koogle Engineering LLC	AM
Kamal Khayat	Missouri S&T	AM
Chong Kim	D.H. Charles Engineering	AM
Jim Kretz	Walbridge Company	AM
Lance Larson	Sundt Construction	AM
Antonio Limbaro	Engineered Devices Corp	AM
Andrew Lloyd	MEVA Formwork Systems	AM
Richard McCarthy	Swedish Concrete Assoc.	AM
Richard Obratil	Great Lakes Construction	AM
Robert Opie		AM
Andy Pearson	EFCO	AM
Michael Pedraza	United Forming	AM
Bill Phillips		AM

Jason Reigstad	Reigstad and Assoc.	AM
Rob Rowe	Pacific Wood Laminates	AM
Robert Schulthorpe	ICF-MA	AM
Gunter Sengel	Ishebeck USA	AM
Amerald Simanungkalit	Titan Formwork Systems	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

### **Working Session – Saturday, October 16, 2021 4:00 PM – 6:00 PM EST**

#### **1. Call to Order**

1.1 Introduction and Member/Visitor Roll Call

#### **2. Announcements**

2.1 Preview of agenda for full committee meeting

#### **3. Design Specification for Formwork – Chapters 6 & 7**

3.1 Prepare responses to remaining ballot items #196 and #198

#### **4. Adjournment**

### **Convention Meeting – Wednesday, October 20, 2021 10:00 AM – 2:00 PM EST**

#### **1. Call to Order (10:00 - 10:20)**

1.1 Introduction of members and visitors: Roll call

1.2 Announcements: Reminder of committee sponsored session on Thursday, October 21, 10:00 AM – 12:00 PM EST, “Formwork Systems: Design and Construction”

1.3 Committee membership: New members, resignations

1.4 Announcements: Update of stored committee documents

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

2.1 September 14, 2021 Virtual Meeting Minutes

2.2 April 1, 2021 Spring Convention Minutes (Virtual)

#### **3. Old Business (10:30 – 11:00)**

3.1 Void Form Task Group: Memo from Jim Cornell

3.2 Reapproval of committee documents 347R and 347.3R: Preparation for web letter ballot

3.3 ACI Foundation Grant: Giovanni Loreto (Kennesaw State University) “Non-rigid Formwork Systems with Engineered Cementitious Composite”

3.3.1 Update on proposal

3.3.2 Review of committee support / endorsement process

**4. New Business**

4.1 None at this time

**5. Design Specification for Formwork (11:00 – 2:00, Break 12:15 – 12:30)**

5.1 Saturday working session update: comments #196 and #198

5.2 Web Ballot 2/28/21: Chapters 9-10

5.2.1 Update on efforts to combine voting for categorized ballot comments to single vote

5.2.2 Prepare and ballot responses to comments

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

6.1 The next convention meeting is currently scheduled for Saturday, March 26 and Sunday, March 27, 2022 at the Caribe Royal in Orlando, FL