



## Meeting Minutes

### 347 – Formwork for Concrete

**Virtual Meeting - Join Link:** <https://global.gotomeeting.com/join/748598205>  
**Conference Call Info: US: +1 (872) 240-3311 Access Code: 748-598-205**

**Tuesday, July 16, 2019, 11:00 AM to 12:30 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.

#### In Attendance

Jeff Jack	RedBuilt	Chair
Chris Garcia	Pankow Builders	VM
Brian Golanowski	Universal Forest Products	VM
Andrew Gray	EFCO Corp.	VM
Tim Hayes	Ceco Concrete	VM
Mark Hirschi	Baldrige Associates	VM
Kris Hughes	Baker Concrete Const.	VM
David W. Johnston	North Carolina State Univ. (retired)	VM
Roger Johnston	Crimson Engineering Associates	VM
Destry Kenning	Nox-Crete Products Group	VM
Kevin Koogler	Koogler Engineering, LLC	VM
Hector Olivas	Dayton Superior	VM
Eric Peterson	Webcor Builders	VM
Steffen Pippig	MEVA Formwork Systems	VM
Brian Ruegge	Kiewit Engineering	VM
Richard Ryon	RMD Kwikform	VM
Douglas Schoonover	Atlas Construction Supply	VM
Peri Stivaros	Feld Kaminetzky & Cohen-GEI	VM
James Tkach	Largo Concrete Inc.	VM
Daniel Toon	United Forming Inc	VM
Thomas West	Barton Malow	VM
Scott Winch	PERI Formwork Systems	VM
Jazmin Anaya	PERI Formwork Systems	AM
Matt Hummel	LendLease	AM
Andy Pearson	EFCO Corp.	AM

**Committee Members Absent**

Rick Eder	Ceco Concrete Construction	Secretary
Rodney Adams	Baker Equipment & Materials LTD	VM
Mary Bordner-Tanck	R H Bordner Engineering	VM
Nicolaus Coffelt	Aluma Systems	VM
Eamonn Connolly	James McHugh Construction Co	VM
James Cornell	J. N. Cornell Assoc.	VM
Supriya Gupte	Accu-Crete	VM
Phil Jones	EllisDon	VM
Bob Kent	Doka USA	VM
Yvonne Nelson	Form Services	VM
Doug Peters	Christman Constructors	VM
Ken Pratt	Swanson Group	VM
Aviad Shapira	Technion/Israel Institute of Tech.	VM
John Simpson	Simpson Engineering LLC	VM
Ralph Tulis	Structures Consulting	VM

**1. Call to Order**

Chairman Jack called the meeting to order at 11:00am EDT.

## 1.1 Attendance (Roll Call)

1.2 Membership Announcements – The following new Associate Members were introduced and welcomed to the committee:

John Suther – Wayne Brothers	Rob Rowe – Pacific Wood Laminates
Jazmin Anaya – PERI Formwork	Eric Twomey - SGH
Danny Gumm – Sundt Construction	Dimitri Petrov – Titan Formwork
Jennifer Clark – Dun Par Engineered Form Co.	

**2. Approval of Minutes**

The meeting minutes for the June 4<sup>th</sup> Virtual Meeting were distributed prior to the meeting.

A motion was made by David Johnston (seconded by Eric Peterson) to approve the minutes as presented. The motion to approve minutes was voted on and passed unanimously. (22 Aff. / 0 Neg / 0 Abst.)

**3. Design Specification for Formwork****3.1 Resolution of balloted Items**

Jeff Jack guided the committee through the resolution of balloted items on Sections 8-9 of the Specification document. Only selected items were discussed and voted upon. The following table summarizes the action made by the committee response to votes and comments received during balloting.

<b>Comment Number(s)</b>	<b>Class</b>	<b>Ballot-as</b>	<b>Motion / Second</b>	<b>Aff / Neg / Abst</b>
233	N	Persuasive	Schoonover / Peterson	22 / 0 / 0
238	AC	Persuasive	Schoonover / Peterson	22 / 0 / 0
240 (and 239)	N	Persuasive	Peterson / Toon	21 / 0 / 1
243	N	Persuasive	Peterson / Pippig	20 / 0 / 1
244	N	Persuasive	Schoonover / Tkach	21 / 0 / 0
245	N	Persuasive	Peterson / Schoonover	21 / 0 / 0
246	N	Persuasive	Schoonover / Ruegge	19 / 0 / 1
250	AM	Persuasive	Schoonover / Peterson	17 / 0 / 0

#### **4. Adjournment**

It was announced that the virtual meeting originally scheduled for August will be cancelled, and that the next meeting will be Saturday and Sunday, October 19-20, 2019 at the Fall Convention in Cincinnati, OH.

Chairman Jack called for a motion to adjourn, and the meeting was adjourned at 12:55pm EDT.

---