

562 Sub G Meeting Minutes

Unapproved



Spring 2020

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| Committee: | ACI 562G – Repair Design | |
| Date: | Sunday 29 March 2020 | |
| Time: | 8:00 am – 10:00 pm CDT (Tuesday) | |
| Location: | GoTo Virtual Meeting | Wherever You Are |
| Members Present | Lisa Feldman (Chair) Paul Ziehl (Co-Chair) Kevin Conroy Mohamed ElBatanouny Nestore Galati | Kip Gatto Carl Larosche (Ex-Officio) Bartosz Lipinski Gustavo Tumialan |
| Regrets: | Aaron Larosche (Secretary) | |
| Absent: | Tarek Alkhrdaji Conrad Paulson | Giovanni Plizzari (Consulting Member) |
| Visitors: | Michael D Brown (Walter P. Moore) Joe Ozzauto (unknown) | Thomas Vachon (U. Of Saskatchewan) |

1. The meeting on Sunday, March 29 was called to order by Chair Feldman at 8:03 am.
2. Self-introductions were abandoned given the meeting format. Chair Feldman introduced the committee and indicated that Ziehl is the committee Co-Chair. The committee may be split into two committees at some point moving forward if that is found to be beneficial to the committee's work.
3. **Appointment of Subcommittee Secretary**
Chair Feldman announced that A. Larosche will be secretary of the subcommittee moving forward. ElBatanouny will take the minutes for this meeting.
4. **Report on ACI 562 Upcoming Main Code Schedule (Feldman/Ziehl)**
The main and steering committee meetings have been postponed to May 3, 2020. Nothing to report at this time.
5. **Discussion of Subcommittee G Draft Work Item Thoughts (All, Feldman/Ziehl lead)**
Chair Feldman indicated that this is the main agenda item for this meeting. Draft work item topics were developed through discussions with Chair Ziehl and 562 committee Chair Larosche. Volunteers and a leader for each work item were sought. The priority and ease of each work item were also discussed. The list of work items, including leaders, volunteers for each, priority and ease of execution is attached to these minutes.
 - External reinforcement
 - Chair Ziehl suggested that ACI Committees 440 and 549 may be potential feeder committees for this work item.
 - Bond of new to old concrete
 - Chair Ziehl indicated ACI Committee 345 could serve as a potential feeder for this work topic, with Yael Jimmy Kim serving as potential helper.
 - Enlarged section repair (for flexural or shear):
 - ElBatanouny and C. Larosche indicated that enlarged sections need to be done in cases where FRP or other external reinforcement cannot be used due

to environmental and fire protection conditions. C. Larosche indicated that you can share the live load but not dead load for the case of enlarged sections.

6. Any other presentations or updates

- No presentations were scheduled for this meeting, Chair Feldman indicated that presentations related to work topics and associated technical information are expected to be included at future meetings.
- Work item leaders are encouraged to set up go to meetings with their groups to start working on any of the work items prior to the Fall 2020 convention
- Co-Chair Ziehl will reach out to ACI staff to identify an effective means of document sharing amongst committee members.

7. Sub G ballot timing thoughts up to Raleigh (Fall 2020) (Feldman/Ziehl)

- Chair Feldman indicated that the committee will wait on this until we meet face-to-face in Raleigh.

8. Adjournment

- Chairs Feldman and Ziehl thanked the committee members for joining the committee and participating in this virtual meeting. All working groups were once again reminded to meet and establish an outline for their respective sections.
- Meeting adjourned 09:07 am on Sunday, March 29.

Respectfully Submitted,



Mohamed EIBatanouny, PhD, SE, PE
Senior Associate – Wiss, Janey, Elstner Associates Inc.
ACI 562G Committee Member

Approved by the Chair



Attachments:

- 1) Subcommittee G Work Items for the 2025 Code Cycle

Subcommittee G Work Items
ACI Spring Convention 2020, Rosemont, Illinois
March 29 2020 Meeting

| (1) Draft Work Item Topic | (2) Volunteer(s) | (3) Priority | (4) Ease |
|---|---|-----------------|-------------|
| <ul style="list-style-type: none"> Development and detailing of historical types of reinforcement (Potential feeder: CEB-fip) | Feldman , Paulson, Plizzari, Conroy, Gatto | High | Moderate |
| <ul style="list-style-type: none"> External reinforcement (Potential feeding committees: 440 and 549) | Ziehl , ElBatanouny, Galati, Tumialan, A. Larosche | High | Hard |
| <ul style="list-style-type: none"> Repair of prestressed/pretensioned & post-tensioned concrete (parking garage double-Tees, PT anchorage) | Gatto , M.D. Brown, Galati, Tumialan, (Shokker) | Medium | Hard |
| <ul style="list-style-type: none"> Bond of new to old concrete (Potential feeder: 345) | Conroy , Feldman, Tumialan, Ziehl, Lipinski,(West), (Becker), (Fred from Denver), (Yael Jimmy Kim) | High | Moderate |
| <ul style="list-style-type: none"> Jacketing (for strengthening or cathodic protection) | Lead? , Gatto, (Fallis), (Whitmore) | Low | Hard |
| <ul style="list-style-type: none"> Enlarged section repair (for flexural and/or shear capacity) | M.D. Brown , ElBatanouny, Conroy, (Dondrea), (Beider-Low) | Medium | Moderate |
| <ul style="list-style-type: none"> Corroded reinforcement | ElBatanouny , Tumialan, (West), (Hamilton) | Medium | Hard |