

AGENDA
ACI SUBCOMMITTEE 562-0F

ACI Fall 2013 Convention
Phoenix AZ

Saturday, 19 October 2013
6-9 pm H-Curtis A

1. Call to Order
2. Self-Introductions and Membership Update
3. Approval of Agenda
4. Review of Schedule
 - a. Subcommittee meeting needs for Dallas
5. Current Document Review (refer to TABLE OF CONTENTS): brainstorming & prioritization of subcommittee efforts.
6. Adjournment

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Revised 13 October 2013

The following is a list of topics within the current document, and any proposed changes or additions.

Sub part	Topic	Subtopics	Potential Change/Add
8.1	General	<ul style="list-style-type: none"> • repairs need to be "durable" • repairs need to be compatible with the structure, the environment, and the anticipated maintenance 	<ul style="list-style-type: none"> • deleted connection with of "design service life" and durability. Reinstate? • Henriksen comments: no specific mention that concrete may need to be repaired with similar 2-3k psi concrete.
8.2	Cover	<ul style="list-style-type: none"> • cover complies with design basis code, but considers corrosion and fire protection • when cover is insufficient for corrosion, additional protection is necessary to mitigate risk of corrosion 	
8.3	Cracks	<ul style="list-style-type: none"> • consider cracks effect on durability, performance, and design service life • cause and repair of cracks shall be assessed and considered in the repair design 	<ul style="list-style-type: none"> • the cause and repair design of cracking could be referenced in other sections (6, 7), but the overall intent of the section remains.
8.4	Corrosion	<ul style="list-style-type: none"> • corrosion and deterioration of reinforcement shall be considered. Materials shall not contain INTENTIONALLY added constituents that are corrosive to the reinforcement to the repair area. • existing reinforcement corrosion shall be considered • quality of concrete and corrosion protection shall be considered • existing steel and added reinforcement shall be protected from corrosion and deterioration • galvanic corrosion shall be considered • corrosion protection of bonded and unbonded prestressing materials shall be addressed • if electrochemical systems are used, then the interaction with the protection system with the repaired area, the structure, and the environment shall be considered. • repair materials shall not adversely affect the durability of other materials or the existing concrete and reinforcement 	<ul style="list-style-type: none"> • what is "intentionally added" chlorides? Delete intentional--confusing unless you know exactly why it is there, which most don't. • more information about corrosion protection strategies for prestressed systems. Conventional strategies for conventional reinforcement may damage it. • add comments about epoxy-coated bars since there is mention of prestressing
8.5	Surface treatments and coatings	<ul style="list-style-type: none"> • Moisture transmission shall be considered • surface treatments shall consider existing cracks and potential for movement within the anticipated service life fo the structure 	<ul style="list-style-type: none"> • change "anticipated service life" to "design service life"?