AGENDA
ACI SUBCOMMITTEE 130C – STRUCTURES IN SERVICE

ACI Spring 2010 Convention
Chicago, IL

Tuesday, March 23, 2010  10 to 11 am – Ohio
Meeting #2

1. Call to Order
2. Self-Introductions and Membership Update
3. Approval of Agenda
4. DEVELOP AN OUTLINE!
5. Next Meetings
   a. Teleconference options
   b. Featured presentation
6. Other Meetings of Interest
7. Adjournment

POTENTIAL OUTLINE TOPICS

1. Durability
   a. Longevity
      i. Long service life of materials and systems
      ii. Deterioration: Corrosion, AAR, Freeze-thaw, Erosion, etc.
   b. Catastrophic event resistance (fire, earthquake, termite, blast resistance)
   c. Recyclability
   d. Adaptive re-use
   e. Maintenance/repair/rehabilitation straight-forward.
2. LCCA: cradle to grave, cradle to cradle, service life prediction with costs
3. Historic Preservation/Cultural Significance
   a. Tourism
   b. Local employment and materials sourcing
4. Relevant Rating Systems
   a. 2009 LEED, SSc2--Development Density & Community Connectivity: 5 pts
5. Beneficial/detrimental service aspects
   a. Thermal
      i. Heat island effect
      ii. Passive solar design
   b. Carbonation and carbon dioxide uptake
   c. Embodied Energy
   d. Energy Efficiency
   e. Existing portfolio of structures is large; with new construction slowed globally.
      i. Proportionately larger impact if structures in services managed better.
   f. Reducing demolition of structures, reduces non-municipal, solid waste.