

Concrete:

The Ultimate in Functional Artistry

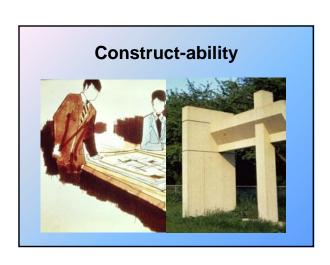
- Understand Concrete
 - Plastic
- Hardened
- Understand the Concrete Process
- Know the Materials available
- Recognize the limitations of the Material and the Process
- Stone vs. wood vs. concrete

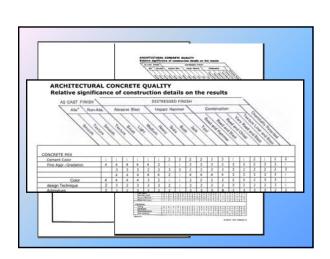


Drawings & Specs

- PPPPPP

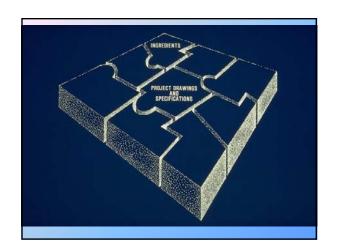
 - BRE (1975) 500 bldgs60% of problems originate from design
 - 35% from workmanship
 - 10% from materials
- Constructability
- Prebid conference
- Preconstruction conference
- Mockups





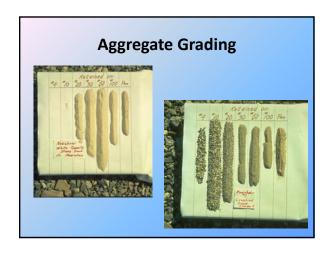


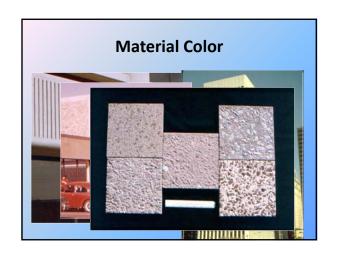




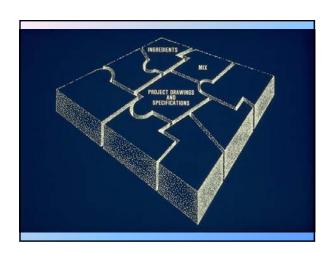








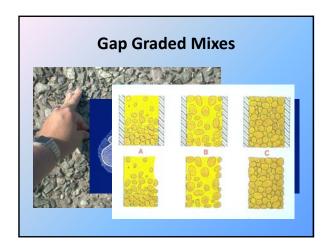


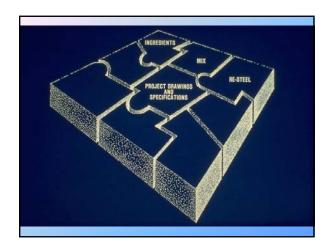




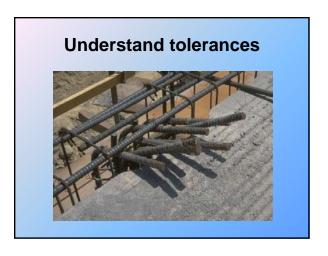




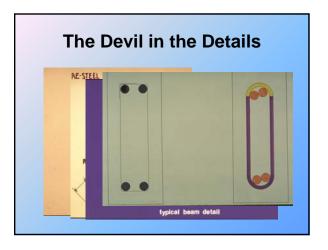




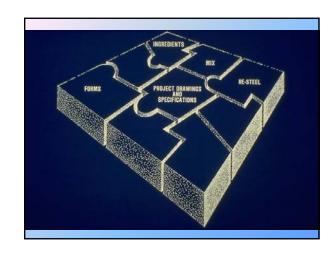




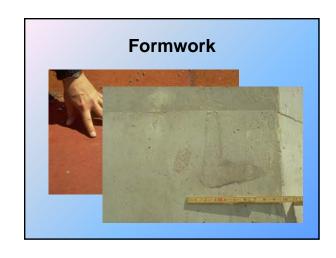




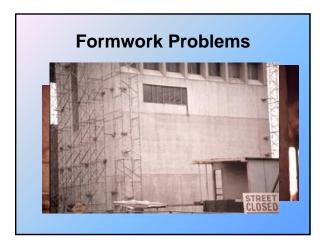




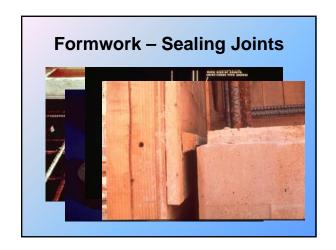


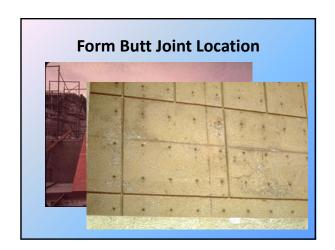






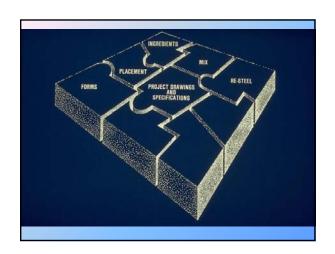




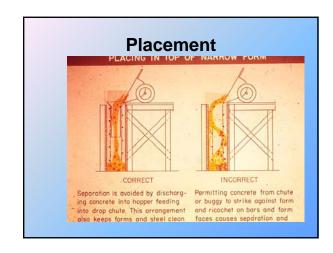




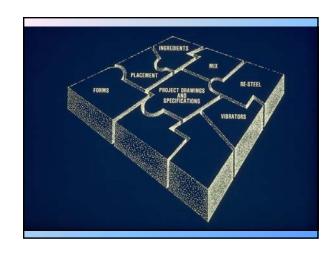




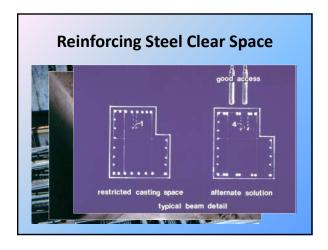






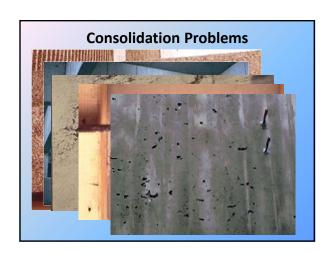


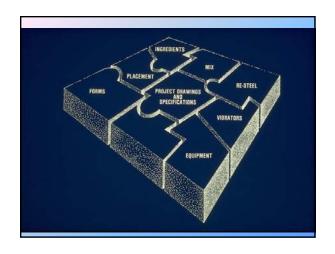


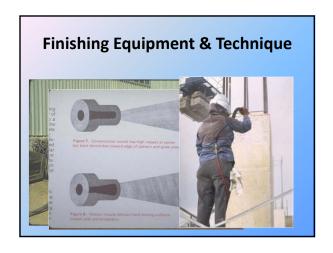








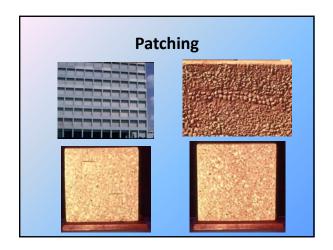


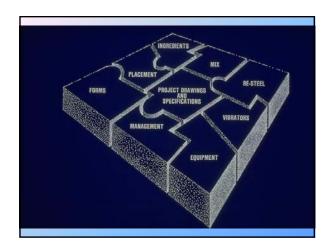




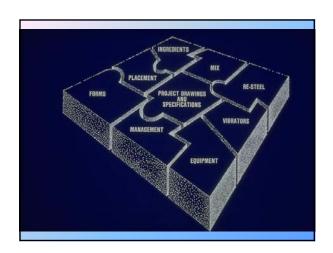
Impact Hammer

- Scale (light)
- Bush (medium)
- Jack (heavy)
- Tool (heavy)











Case Histories

