



MID ATLANTIC PRECAST ASSOCIATION (MAPA) ANNOUNCES NEW DIRECTOR



Thomas Holmes new Executive Director of MAPA

MAPA, a regional association of precast/prestressed concrete manufacturers, is pleased to announce the recent appointment of Tom Holmes to the position of Executive Director.

Holmes is not new to the precast/prestressed concrete industry, having spent more than 30 years in roles from Vice President of Marketing to General Manager. His experience spans the technical, business and marketing sides of the industry. In his new role, Holmes will represent the precast/prestressed concrete industry in the Mid-Atlantic states liaising with Construction Managers, Architects, Departments of Transportation, Consulting Engineers, General Contractors and Academia.

Mr. Holmes has a degree in Marketing from Bowling Green University and has received several awards for Distinguished Sales and Marketing. He has served on the Board of Directors of MAPA and PCI (Precast Concrete Institute).



ACI AND ICRI ANNOUNCE NEW PUBLICATION—GUIDE TO THE CODE FOR ASSESSMENT, REPAIR, AND REHABILITATION OF EXISTING CONCRETE BUILDINGS

The American Concrete Institute (ACI) and the International Concrete Repair Institute (ICRI) recently announced the availability of a new invaluable publication for concrete industry professionals—*Guide to the Code for Assessment, Repair, and Rehabilitation of Existing Concrete Buildings*.

Published jointly by American Concrete Institute and International Concrete

Repair Institute, the guide provides assistance and examples to professionals engaged in the repair of concrete buildings and is available as a printed and digital book. The guide has been developed to serve as a companion to ACI 562-16 Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures and Commentary. Although specifically developed for licensed design professionals, the guide also serves to provide insight into the use and benefits of ACI 562 for contractors, material manufacturers, building owners, and building officials. The new guide is separated into two main components: chapter guides and project examples. These two components work together to provide additional information pertaining to how to interpret the performance requirements in ACI 562 and how the requirements may be applied to a broad range of projects.

The chapter guides follow the organization of ACI 562, broken down by the corresponding sections. They include particular insight into how the chapters and sections of the code fit within the whole of the project. Where applicable, flowcharts are provided to illustrate how to navigate the various provisions of ACI 562. References to project examples are provided to illustrate how specific provisions within each chapter of ACI 562 are incorporated into the design process. In some instances, additional limited-scope examples are included within the chapter guides to better illustrate a point that is not covered by the project examples.

The chapter guides include information on several topics related to use of the code including:

- Applicability of ACI 562;
- Selection of the building code for the repair design;
- Preliminary evaluations to determine a compliance method for meeting the code requirements;
- Strength reduction factors and load combinations both during and after the repair;
- Requirements for evaluation, determination of material properties, and load testing;

- Considerations for design of structural repairs;
- Durability requirements;
- Construction considerations; and
- Quality assurance.

The guide's project examples illustrate the use of the code for concrete building repair, rehabilitation, or strengthening projects from inception through completion. These real-world examples are based on actual projects and demonstrate how ACI 562 could be used when repairs are designed. These examples provide the licensed design professional with familiarity and confidence to successfully implement the provisions of ACI 562 on several types of projects including parking garages, façade repairs, historic structures, adaptive reuse, two-way flat slabs, and double-tee stems for shear.

Specifically, chapters 1 and 4 are organized to define the difference between evaluation and assessment, and chapter 7 addresses bond interface between an existing concrete substrate and a new concrete overlay. Appendix A has been added to provide requirements in cases where a jurisdiction has not adopted a repair code, allowing ACI 562-16 to be used as a stand-alone code.

Funding to develop the Guide to the Code for Evaluation, Repair, and Rehabilitation of Concrete Buildings has been provided by the American Concrete Institute, International Concrete Repair Institute, and the ACI Foundation's Strategic Development Council.

Learn more and order/download the *Guide to the Code for Assessment, Repair, and Rehabilitation of Existing Concrete Buildings* at www.concrete.org and www.icri.org.

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Email your Association News to daler@icri.org. Editorial content for the January/February 2017 issue is due by November 15, 2016 and content for the March/April issue is due by January 17, 2017.