



May 18, 2021

Department of Administrative Services
Office of the State Building Inspector
450 Columbus Boulevard, Suite 1303
Hartford, CT 06103

Subject: Support for Adoption by Reference of ACI 562
in the Connecticut State Building Code

Codes and Standards Committee Members:

This letter is in support of approval of adoption by reference of ACI 562 *Code Requirements for Assessment, Repair, and Rehabilitation of Existing Concrete Structures* in the Connecticut State Building Code as presented in the code change proposal submitted by the American Concrete Institute.

The Connecticut Concrete Promotion Council represents Connecticut Ready Mixed Concrete suppliers involved in the supply of ready mixed concrete for construction. These ready mix producers directly contribute to the Connecticut economy.

We find that it is increasingly more important to establish minimum requirements for evaluation, repair, and rehabilitation of structural concrete in existing buildings undergoing alternations, additions, renovations, or changes in occupancy to safeguard the public and minimize disruption of businesses. The requirements provided in ACI 562 improve the clarity of expectations by owners, designers, contractors, officials, material providers, and other relevant parties regarding repairs and rehabilitation of structural concrete and, where appropriate, provide a benchmark for use by building officials responsible for approving other means and methods.

Helping to assure that delivery of products and services are consistent with the expectations of all parties involved saves costs associated with unnecessary direct costs and indirect costs associated with due to construction delays when there are discrepancies in the various expectations.

Adoption by reference of ACI 562 helps ensure minimum levels of life safety, health and general welfare are being provided for the public. In addition, adoption of ACI 562 will improve the confidence for building owners, developers, and officials regarding the extended life and re-use of concrete buildings. This is not only important for the specific project but also is typically more sustainable than demolition and replacement.

The use of ACI 562 provides an increased level of anticipated outcome associated with repairs and rehabilitation regarding the ability to satisfy the intent of the code and provides information that can facilitate the efforts of

officials involved in the project. Where repairs meet minimum requirements for life safety, for businesses will have increased confidence that they may be able to safely operate with less frequent interruptions while remaining in or relocating to existing buildings.

Other jurisdictions have adopted ACI 562. ACI 562 has been adopted in Hawaii, Ohio, and Florida. It is also referenced by the New York City building department and the City of Los Angeles building department.

While this proposal simply establishes a minimum level of expected performance of structural concrete for a design service life specified for the project, the change does not specify a design service life. Selection of a design service life continues to reside with the owners, owner's representatives, and where applicable, officials of the authority having jurisdiction. Also, the proposal is permissive and does not exclude other means and methods approved by the building official.

We have reviewed the code change proposal submitted by ACI and recommend the code change proposal be approved as submitted. We believe that this addition to the CT State Building Code will help ensure repairs to structural concrete will satisfy the intent of the code, result in affordable repairs with reasonable minimum levels of life safety, and support business operations with minimal disruption. The latter is important, not just for business operations, but also to maintain a consistent flow of revenue to the state resulting from these businesses.

Thank you in advance for your consideration of this recommendation.

Sincerely,

A handwritten signature in black ink that reads "Dominic J. DiCenzo". The signature is written in a cursive, flowing style.

Dominic Di Cenzo
Executive Director
Connecticut Concrete Promotion Council
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