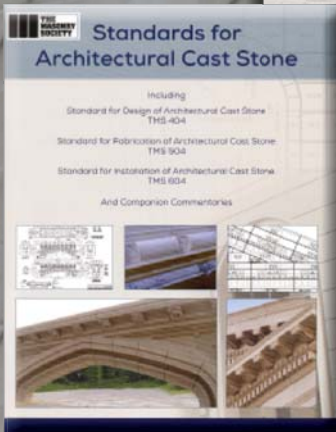


MASONRY INSTITUTE OF AMERICA

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#524-16

Standards for Architectural Cast Stone

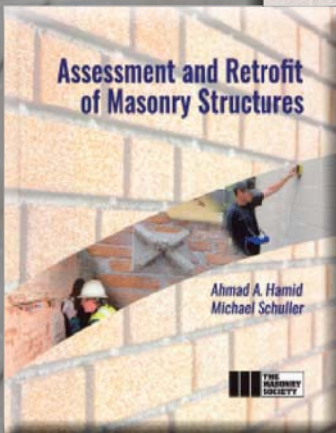
The Standards are written as legal documents so that they may be adopted by reference in building codes. The commentaries present background details, Committee considerations, and research data used to develop the standards. The commentaries are not mandatory and are for information of the user only.

These standards were developed by The Masonry Society's Cast Stone Committee.

This book includes information on:

- **TMS 404**
Standard for Design of Architectural Cast Stone
- **TMS 504**
Standard for fabrication of Architectural Cast Stone
- **TMS 604**
Standard for Installation of Architectural cast Stone
- And Companion Commentaries

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#657

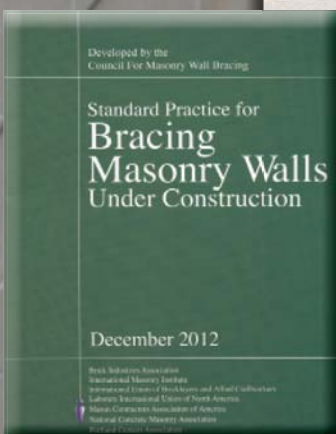
Assessment and Retrofit of Masonry Structures

The purpose of this book is to provide background, reference material, and guidance to design professionals, building owners and contractors confronted with addressing existing masonry construction. Information related to construction characteristics, typical material properties, and analytical approaches are included for historic, transitional, and modern masonry construction typologies.

Information also included on:

- Introduction to Ancient Masonry
- Introduction to Modern Masonry
- Evaluation and Retrofit Process
- Site Investigation and Analysis
- Retrofit
- Monitoring
- Maintenance

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#551-12

Standard Practice for Bracing Masonry Walls Under Construction (2012)

This Standard Practice was developed to provide mason contractors, general contractors, architects and engineers with a detailed definition of adequate bracing for masonry walls and to clarify the existing OSHA Standard. It was written by engineers, masonry contractors and others familiar with the masonry industry to provide for the health and safety of our industry's employees.

Includes information on:

- Design requirements during the initial and intermediate periods for three different types of bracing systems - wood, steel pipe and cable.
- Shows tables and illustrations for adequate bracing including definitions of common wall bracing terms.
- Contains sample solutions to a number of design conditions and a commentary for further definition of the Standard.

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Masonry Designers' Guide 2016

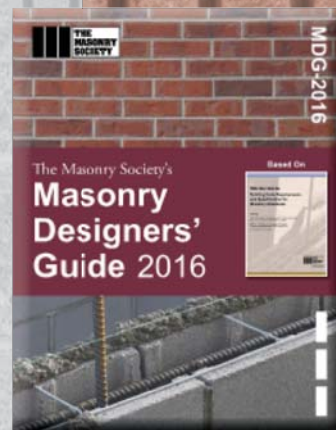
The new Masonry Designers' Guide, 9th edition, has been completely updated to provisions of the 2016 TMS 402 and TMS 602.

Numerous additions and changes include a new chapter on Reinforcement and Connectors, discussion and examples on new TMS 602-16 provisions, information related to masonry design requirements in the 2018 International Building Code (IBC), and updates related to new loading requirements in ASCE 7-16.

This is an excellent resource as it:

- was developed by dozens of masonry experts who are familiar with both masonry design and with Code requirements governing masonry's use.
- includes over 110 practical examples for typical masonry buildings and components.
- provides practical tips on how to quickly and efficiently design typical masonry.
- includes drawings and photographs.

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#656-16

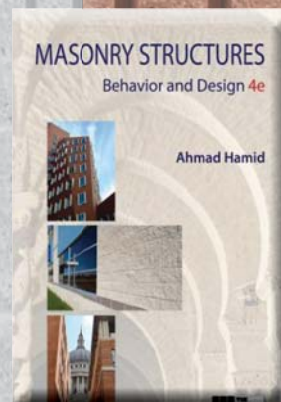
MASONRY STRUCTURES Behavior and Design, 4th Ed.

Masonry Structures Behavior and Design has been revised to discuss new research findings and to reflect the design provisions in the TMS 402/602-16 and for the purpose of serving as the textbook for undergraduate and graduate courses. The textbook also includes numerous design examples (based on the strength design method) and two buildings designs of a single-story building and a multistory building.

The fourth edition incorporates discussions on:

- Building Design
- Masonry Assemblages
- Columns and Pilasters
- Reinforced Beams and Lintels
- Masonry Veneer and Cavity Walls
- Construction Considerations and Details
- Design of Single-Story Masonry Building
- Design of Multi-Story Masonry Building

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#655-18

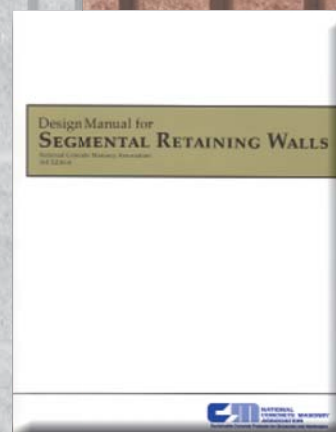
Design Manual for SEGMENTAL RETAINING WALLS, 3rd Ed.

This publication combines three separately published manuals into one by including seismic and drainage design. Now all the technical information needed for Segmental Retaining Wall design projects is available in a single manual.

The manual includes information on:

- Generic design guidelines for segmental retaining walls constructed as gravity structures and as geosynthetically reinforced soil segmental retaining walls.
- Design guidelines and engineering procedures necessary to produce safe, cost effective retaining wall structures.
- Design considerations associated with surface and subsurface drainage.

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