



Search Tags: Deterioration**Project Count:** 14



Providence Public Library

Providence, RI

Project Contacts: [Susan Knack-Brown](#)

The Providence Public Library includes the original 1900 renaissance masonry building and the 1953 neoclassical Empire Street Addition. SGH investigated the condition of the building enclosures,...

Services: [Building Enclosure Rehabilitation](#)

Markets: [Cultural](#)

Keywords: [Deterioration](#), [Facade Inspection](#), [Masonry-Brick](#), [Metal](#), [Metal-Copper](#), [Preservation Technology](#), [Roofing](#), [Stone](#), [Stone-Limestone](#), [Water Leakage](#)



New Hampshire State House

Concord, NH

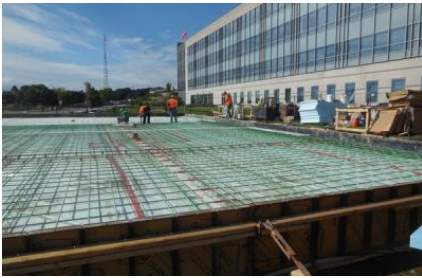
Project Contacts: [Jeffry Ceruti](#)

The monumental dome on the New Hampshire State House is gilded in gold leaf. After regilding in the early 1990s, the gold leaf started discoloring. The state wanted to understand the cause of...

Services: [Building Enclosure Investigation](#), [Materials Investigation](#)

Markets: [Office](#)

Keywords: [Deterioration](#), [Dome](#), [Materials Analysis](#), [Metal-Copper](#), [Roofing](#)



UMass Memorial Medical Center, University Campus, Helipad

Worcester, MA

Project Contacts: [Greggery Cohen](#), [Paul Millette](#)

The helipad at UMass Memorial Medical Center's University Campus is an essential part of the hospital's patient transport operations. Its cast-in-place concrete slab exhibited joint deterioration...

Services: [Structural Design](#), [Structural Investigation](#)

Markets: [Health Care](#)

Keywords: [Concrete](#), [Concrete Rehabilitation](#), [Concrete-Cast-in-Place](#), [Construction Administration](#), [Construction Engineering](#), [Deterioration](#)



Medford High School Pool

Medford, MA

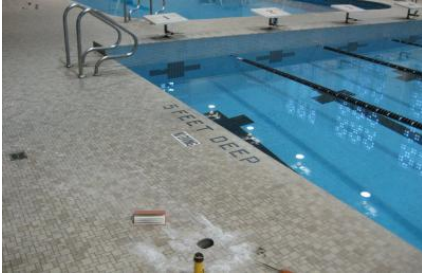
Project Contacts: [Paul Kelley](#), [Matthew Sherman](#)

The swimming pool at Medford High School was constructed in 1970 and exhibited spalling, staining, leakage, and exposed corroded reinforcing bars on the underside of the pool deck; corrosion of...

Services: [Materials Investigation](#), [Structural Investigation](#), [Structural Rehabilitation](#)

Markets: [Education - K-12](#)

Keywords: [Concrete](#), [Concrete Rehabilitation](#), [Condition Assessment](#), [Construction Administration](#), [Corrosion](#), [Deterioration](#), [Laboratory Testing and Analysis](#), [Natatorium](#), [Nondestructive Testing](#), [Petrography](#)



War Memorial Pool Complex

Cambridge, MA

Project Contacts: [Paul Kelley](#), [Matthew Sherman](#)

The pool complex at the War Memorial Recreation Center was designed and built around 1955. The complex comprises three separate pools (a 31 ft diameter circular beginner's pool, the 43 ft by 76 ft...

Services: [Materials Investigation](#), [Structural Investigation](#)

Markets: [Sports & Entertainment](#)

Keywords: [Concrete Rehabilitation](#), [Condition Assessment](#), [Corrosion](#), [Deterioration](#), [Field Testing](#), [Laboratory Testing and Analysis](#), [Natatorium](#), [Nondestructive Testing](#), [Petrography](#)



Philipsburg Elementary School

Philipsburg, PA

Project Contacts: [Peter Nelson](#)

Completed in 2004, Philipsburg Elementary School is a two-story structure with epoxy terrazzo flooring installed on the concrete floor slabs in corridors and other common areas. Shortly after...

Services: [Materials Investigation](#)

Markets: [Education - K-12](#)

Keywords: [Deterioration](#), [Flooring](#), [Flooring and Coatings](#), [Material-Related](#), [Materials Analysis](#), [Petrography](#)



University of Connecticut, Beach Hall

Storrs, CT

Project Contacts: [Susan Knack-Brown](#), [Stephen Ruggiero](#)

Beach Hall, originally constructed in 1929, is a transitional masonry building with mass masonry walls and an embedded structural frame. The building features a slate mansard roof, low-slope...

Services: [Building Enclosure Investigation](#), [Building Enclosure Rehabilitation](#)

Markets: [Education - College & Prep](#)

Keywords: [Deterioration](#), [Masonry](#), [Masonry-Transitional](#), [Preservation Technology](#) , [Water Leakage](#)



University of Connecticut, Wood Hall

Storrs, CT

Project Contacts: [Susan Knack-Brown](#), [Stephen Ruggiero](#)

Wood Hall at the University of Connecticut (UConn), constructed in 1938, is a load-bearing brick masonry building with a gable roof and slate roofing. The masonry facade features decorative stone...

Services: [Building Enclosure Investigation](#), [Structural Investigation](#)

Markets: [Education - College & Prep](#)

Keywords: [Cladding / Recladding](#), [Condition Assessment](#), [Deterioration](#), [Masonry-Brick](#), [Preservation Technology](#) , [Walls](#), [Water Leakage](#)



General Edwards Bridge

Lynn-Revere, MA

Project Contacts: [Paul Kelley](#)

The General Edwards Bridge is a multiple-span steel-girder bridge over the mouth of the Saugus River where it flows into the Atlantic Ocean. The central moveable span over the main navigation...

Services: [Structural Rehabilitation](#)

Markets: [Bridge](#)

Keywords: [Bridge](#), [Major Vehicular](#), [Concrete](#), [Deterioration](#), [Emergency Response](#), [Field Testing](#), [Term Contracts and IDIQs](#)



Middlebury College, Bread Loaf Mountain Campus

Middlebury, VT

Project Contacts: [Matthew Bronski](#), [Jeffry Ceruti](#), [Stephen Ruggiero](#)

The Bread Loaf Mountain Campus of Middlebury College is the home of the Bread Loaf School of English, the Bread Loaf Writer's Conference, and other summer programs run by the college. The campus...

Services: [Building Enclosure Rehabilitation](#), [Structural Rehabilitation](#)

Markets: [Education - College & Prep](#)

Keywords: [Condition Assessment-Multi-Building](#), [Deterioration](#), [Historic](#), [Preservation Technology](#), [Wood](#), [Wood Frame](#)



Ennis House

Los Angeles, CA

Project Contacts: [Carolyn Searls](#)

Designed by Frank Lloyd Wright in the Mayan Revival style, the Ennis House was constructed in 1924 and remains as one of his iconic "textile block" houses. The handmade, patterned concrete blocks...

Services: [Building Enclosure Investigation](#)

Markets: [Cultural](#)

Keywords: [Award Winning](#), [Concrete](#), [Condition Assessment](#), [Deterioration](#), [Historic](#), [Masonry-CMU](#), [National Register of Historic Places](#), [Preservation Technology](#)



Water Research Foundation, Prestressed Concrete Cylinder Pipe Condition Assessment

United States

Project Contacts: [Rasko Ojdrovic](#)

Prestressed concrete cylinder pipe (PCCP) have been used for water transmission systems for more than sixty-five years. Therefore, utilities need effective means to identify distressed or...

Services: [Structural Investigation](#)

Markets: [Water/Wastewater](#)

Keywords: [Codes & Standards](#), [Condition Assessment](#), [Deterioration](#), [PCCP](#), [Pipe](#), [Pipeline](#), [Research/Development](#)



Youth Development Center, Brick Masonry Chimney Repair

Manchester, NH

Project Contacts: [Greggory Cohen](#), [Gustavo Tumialan](#)

The brick masonry chimney at the Manchester Youth Development Center (YDC) power plant is an 80 ft tall structure that vents the facility's boilers. Constructed in the first half of the 20th...

Services: [Structural Rehabilitation](#)

Keywords: [Chimney/Stack](#), [Concrete](#), [Deterioration](#), [Masonry-Brick](#), [Structural Stabilization](#)



First Street Bridge

Boston-Cambridge, MA

Project Contacts: [Erik Farrington](#), [Paul Kelley](#)

The First Street Bridge is a bascule drawbridge carrying traffic westbound over Broad Canal. The bridge suffered from several forms of deterioration including damage to the concrete counterweight...

Services: [Structural Rehabilitation](#)

Markets: [Bridge](#)

Keywords: [Concrete](#), [Deterioration](#), [Metal](#), [Metal-Steel](#), [Term Contracts and IDIQs](#)

