



FIRM OVERVIEW

Solutions for the Built World



Founded in 1956, Wiss, Janney, Elstner Associates, Inc. (WJE), is an interdisciplinary engineering, architecture, and materials science firm specializing in delivering practical, innovative, and technically sound solutions across all areas of new and existing construction. WJE combines state-of-the-art laboratory and testing facilities, nationwide offices, and knowledge sharing systems to provide solutions for the built world.

OUR SERVICES

- Engineering
- Architecture
- Laboratory
- Field
- Forensics
- Design

OUR APPROACH

As materials, technologies, and structures change, our fundamental philosophy remains the same: developing better solutions based on an accurate diagnosis of each structure's unique problem.

OUR PEOPLE

With more than 800 employees, WJE has the resources to respond to virtually any problem, with expertise in all aspects of construction technology. The firm's engineers, architects, and materials scientists are supported by technicians who are experts in testing and instrumentation. WJE's understanding of structural behavior and the performance of materials is enhanced by experience gained from more than 175,000 projects worldwide.

OUR RESOURCES

Our Janney Technical Center laboratory and testing facility is one of the nation's largest privately owned construction-based testing laboratories; it enables WJE to provide reliable answers to questions about construction systems, components, and materials. No firm is more qualified to break new ground in finding practical, innovative, and technically sound solutions.





REPRESENTATIVE PROJECTS

- **The Washington Monument**
Washington, D.C.
Earthquake Damage Assessment
- **I-35W Mississippi River Bridge**
Minneapolis, MN
Collapse Investigation
- **Central Artery/Tunnel (Big Dig)**
Boston, MA
Safety Audit
- **John F. Kennedy Center for the Performing Arts**
Washington, D.C.
Investigation and Rehabilitation
- **American Museum of Natural History**
New York, NY
Exterior Granite Facade Restoration
- **National September 11 Memorial**
New York, NY
Waterproofing Consulting
- **Art Institute of Chicago: Modern Wing and Nichols Bridgeway**
Chicago, IL
Structural Peer Review and Construction-Phase Services
- **Nebraska State Capitol**
Lincoln, NE
Exterior Facade Investigation and Restoration Design
- **Alcatraz Cellhouse**
San Francisco, CA
Seismic Upgrade
- **Holy Name Cathedral**
Chicago, IL
Fire Damage Assessment
- **Aloha Stadium**
Honolulu, HI
Condition Assessment and Repair Design
- **Los Angeles County Hall of Justice**
Los Angeles, CA
Exterior Envelope Consulting
- **Lyndon Baines Johnson Library**
Austin, TX
Plaza and Plinth Assessment and Restoration Design
- **Rainier Tower**
Seattle, WA
Exterior Condition Survey—
Recladding Investigation and Design



Historic Preservation



- Historic, technical, and materials research
- Condition surveys
- Difficult access assessment
- Facade assessment
- Materials conservation analysis
- Restoration master plans
- Historic structure reports
- HABS and HAER documentation
- National Register nomination
- Contract documents for preservation
- Construction observation

Working within established preservation guidelines and standards, our architectural, structural, and conservation professionals balance the need to provide practical, long-term solutions with the ability to sensitively conserve a structure's historic fabric. From planning and investigation through implementation, no firm is better qualified to respond to the technical and aesthetic needs of significant historic structures.

Historic buildings and structures are a tangible link to our past. From private owners to large institutions and government agencies, clients worldwide trust us to preserve their historic properties for generations to enjoy. Our preservation professionals have extensive expertise in the repair and conservation of a wide range of historic construction materials and building systems. Using sophisticated testing and materials analysis techniques, we apply the science of preservation to develop appropriate and innovative solutions to restore historically significant properties.





SERVICE PROFILE

Historic Preservation

REPRESENTATIVE PROJECTS

- Alcatraz Guardhouse and Sally Port and Alcatraz Barracks (Visitor Center) - Alcatraz Island, San Francisco, CA: Stabilization and seismic strengthening
- Ford Assembly Building - Indianapolis, IN: Exterior facade restoration consulting
- Gateway Arch - St. Louis, MO: Corrosion and materials conservation study and historic structure report
- Hispanic Society of America - New York, NY: Roof replacement
- Marin County Civic Center - San Rafael, CA: Roofing system replacement
- Martin Luther King Jr. Memorial Library - Washington, D.C.: Building enclosure consulting services in support of renovation and expansion
- Miami Marine Stadium - Virginia Key, FL: Structural restoration
- Missouri State Capitol - Jefferson City, MO: Exterior stone assessment, repair design, and construction administration services
- Pennsylvania State University, Old Main - University Park, PA: Exterior condition assessment and rehabilitation
- SMUD Headquarters Building - Sacramento, CA: Historic preservation consulting for full envelope restoration
- Wyoming State Capitol Building - Cheyenne, WY: Exterior stone assessment, repair design, and construction phase services

