

## Repair and Rehabilitation



- Repair and rehabilitation design
- Preparation of construction documents and specifications
- Review and analysis of bids
- Construction contract administration services
- Construction management
- Design-build for repair and rehabilitation
- Special inspections and testing services
- Fracture mechanics assessment and fitness for service
- Nonlinear finite element analysis

From historic cathedrals to modern skyscrapers, structures of all types require maintenance and periodic repair and rehabilitation. Clients rely on WJE's multidisciplinary approach for trusted repair and rehabilitation services. Our engineers, architects, and materials scientists leverage the knowledge gained from completing more than 175,000 assignments to provide clients with solutions to their most challenging architectural, structural, and materials problems.

WJE professionals are skilled at preparing clear and effective repair and rehabilitation designs based on a sound understanding of the client's budgetary and schedule constraints as well as the project's technical challenges. Our professionals deliver practical repair and rehabilitation services that maximize the structure's useful life while minimizing overall costs.

Our experts can tap into the firm's collective experience and specialized laboratory services in WJE's Janney Technical Center and our regional laboratories in Austin, Texas, and Cleveland, Ohio, to deliver innovative repair solutions.





## SERVICE PROFILE

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### REPRESENTATIVE PROJECTS

- Aloha Stadium - Honolulu, HI: Condition assessment and planning study
- American Museum of Natural History - New York, NY: Rehabilitation design
- Castlewood Canyon Bridge - Franktown, CO: Structural repair
- Fenway Park - Boston, MA: Seating bowl repairs
- Hard Rock Hotel (Carbide and Carbon Building) - Chicago, IL: Restoration design
- Hotel Palomar (Architects Building) - Philadelphia, PA: Exterior envelope repairs
- John F. Kennedy Center for the Performing Arts - Washington, D.C.: Investigation and preservation/rehabilitation design
- Lyndon Baines Johnson Library and Museum - Austin, TX: Plaza repair design
- MD Anderson Cancer Center - Houston, TX: Recladding design
- Miami-Dade County Courthouse - Miami, FL: Repair design
- Perry's Victory & International Peace Memorial - Put-in-Bay, OH: Investigation and restoration design
- State Bar of California Building - San Francisco, CA: Strengthening design
- Trinity Towers Apartments - San Francisco, CA: Repair design
- Virginia Governor's Mansion - Richmond, VA: Restoration plans

