



## FIRM OVERVIEW

# Solutions for the Built World



Founded more than sixty years ago, 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

- Structural engineering
- Architecture and architectural engineering
- Materials science
- Testing
- Design
- Litigation consulting

### OUR APPROACH

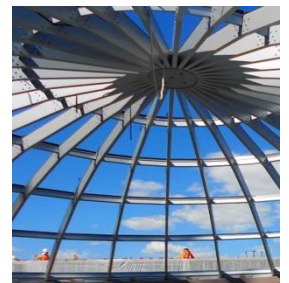
As materials, technologies, and structures change, our fundamental philosophy remains the same: developing better solutions based on an accurate diagnosis of each structure's unique problem.

### OUR PEOPLE

With more than 600 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 125,000 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

- **Korea High-Speed Rail System**  
Seoul, South Korea  
Quality audit of constructed facilities
- **Qasr al-Bint Monument**  
Petra, Jordan  
Feasibility study for seismic strengthening
- **Refugio Gold Mine**  
Codillera de las Andes, Chile  
Condition investigation of primary crusher facility
- **Royal Palm Resort**  
Tumon Bay, Guam  
Assessment of earthquake damage
- **Bridge of the Americas**  
Panama City, Panama  
Condition assessment, rope access, and nondestructive testing
- **University of Canterbury**  
Christchurch, New Zealand  
Multiple building assessments following earthquake
- **United States Embassy**  
Mexico City, Mexico  
Roof and waterproofing consulting
- **U.S. Department of State**  
Worldwide Locations  
Emergency response, post-earthquake damage assessments, and seismic analysis of leased and owned buildings
- **Dubai Parking Garage**  
Dubai, United Arab Emirates  
Assessment of concrete
- **Kwan-An Grand Bridge**  
Pusan, South Korea  
Design of cathodic protection system
- **First International Finance Center**  
Mumbai, India  
Investigation and repair of thirteen-story post-tensioned slab structure
- **TD Tower**  
Toronto, Canada  
Investigation of coating failure
- **Al-Khobar American Housing Project**  
Dhahran, Saudi Arabia  
Evaluation of structural safety and repair recommendations facilities
- **Dana India Technical Center**  
Maharashtra, India  
Roofing leakage investigation and repair

