



PERSONNEL QUALIFICATIONS

Petar Plemic | Principal Director of International Operations



EDUCATION

- University of Belgrade
 - Bachelor of Science, Structural Engineering, 1982
- Illinois Institute of Technology
 - Master of Science, Civil Engineering, 1990
- Northwestern University, Kellogg School of Management
 - Master of Business Administration, 2003

PRACTICE AREAS

- Facade Assessment
- Concrete
- Historic Preservation
- Parking Structures
- Plazas and Terraces
- Pre-Stressed and Post-Tensioning
- Repair and Rehabilitation Design
- Structural Evaluation

PROFESSIONAL AFFILIATIONS

- American Concrete Institute (ACI)
- American Society of Civil Engineers (ASCE)

CONTACT

pplemic@wje.com
+44 20 3514 7231 (Int'l)
847.272.7400 (U.S. - Main)
312.315.5685 (U.S. - Mobile)
www.wje.com

EXPERIENCE

Petar Plemic joined WJE in 1989 and has since performed over three hundred assignments involving the evaluation of existing structures and the development of repair designs. He has extensive expertise in building envelope assessment and repair for both contemporary and historic structures. Mr. Plemic's experience includes concrete, masonry, and terra cotta facades; curtain walls; and windows for buildings of all types including office, hotel, museum, multifamily residential, courthouse, and religious facilities.

Mr. Plemic has also provided numerous investigative services, repair designs, repair cost estimates and the life cycle cost analyses for parking structures and plazas.

Prior to joining WJE, Mr. Plemic was employed from 1981 by the largest design-build company in former Yugoslavia. While there, he was responsible for bridge design, the on-site project execution and contract document preparation for new construction, as well as the investigation and rehabilitation of existing structures.

REPRESENTATIVE PROJECTS

Building Envelope Assessment

- Citicorp Building - Chicago, IL: Assessment and repair design of roofs and curtain wall, ADA vestibule design
- Chase Plaza - Chicago IL: Assessment of glass-metal curtain wall and historic terra cotta
- Bank One - Chicago, IL: Structural repairs to support thick granite cladding
- 190 S. LaSalle Street Building - Chicago, IL: Structural assessment of granite curtain wall
- One Illinois Building - Chicago, IL: Structural evaluation and remedial design for metal cladding
- Kungshuset Building - Stockholm, Sweden: Investigation and design of repairs for marble façade
- Marriott Rive Gauche - Paris, France: Concrete facade material evaluation
- Romaest Shopping Mall - Rome, Italy: Façade and material evaluation and repair recommendations

- Eco Sapucaí - Rio de Janeiro, Brazil: Evaluation of glass curtain wall, redesign connections and waterproofing details
- Opernturm - Frankfurt, Germany: Evaluation of curtain wall details
- O2 Building - Munich, Germany: Evaluation of glass curtain wall at ceiling interface to wind-induced vibration and repair recommendations

Historic Preservation

- SBC Building - Milwaukee, WI: Historic terra cotta restoration and preservation
- Marshall Field Building - Milwaukee, WI: Structural analysis and development of supplemental supports for terra cotta
- Miami-Dade County Courthouse - Miami, FL: Investigation, testing, repair documents for historic terra cotta façade and plaza
- Westin Vendome - Paris, France: Investigation and assessment of historic limestone and concrete facade

Repair and Rehabilitation Design

- Millennium Park - Chicago, IL: Structural investigation, analysis and repair recommendations for the post-tensioned parking structure
- Bala Two Plaza - Bala Cynwyd, PA: Parking garage and plaza rehabilitation, and vibration monitoring
- Anheuser Busch Parking Structures - St. Louis, MO: Nondestructive testing and repair of post-tensioned structures repairs
- Riverplace - Minneapolis, MN: Underground post-tensioned parking structure rehabilitation
- Arab Potash Company Processing Plant - Safi, Jordan: Investigation and repair with glass fiber reinforcing polymer bars

Structural Evaluation and Testing

- Chancellory Complex - Itasca, IL: Structural rehabilitation of precast and post-tensioned concrete garages, volume change monitoring and remedial design
- Via Parque - Rio de Janeiro, Brazil: Investigation, NDE testing and structural evaluation of building framing
- Ras Tanura Refinery - Saudi Arabia: Assessment of sea channel structures
- Yanbu Refinery - Saudi Arabia: Evaluation of concrete and corrosion for berth structures