

## STATEMENT OF QUALIFICATIONS

Engineering Services for Parking Garages  
Solicitation # RFQ-4625-20-JE  
City of Hollywood, Florida



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### PROPOSAL DUE DATE

June 11, 2020  
WJE No. 2020.2495

### PREPARED FOR:

City of Hollywood, City Hall  
Office of the City Clerk  
2600 Hollywood Boulevard, Room 221  
Hollywood, Florida 33431

### PREPARED BY:

Wiss, Janney, Elstner Associates, Inc.  
1900 NW Corporate Boulevard, Suite E102  
Boca Raton, Florida 33431  
561.226.1220 tel | 561.981.8077 fax

### TAB A - EXECUTIVE SUMMARY

Wiss, Janney, Elstner Associates, Inc. (WJE) is pleased to have the opportunity to present this statement of qualification in response to the City of Hollywood's (City) Solicitation # RFQ-4625-20-JE | Engineering Services for Parking Garages (RFQ) and Addenda #1 and #2. WJE performs over one-hundred condition surveys and evaluations of parking structures each year, and often designs and inspects repairs for these garages. Accordingly, WJE has become an industry leader in the assessment, evaluation, and repair of parking structures. Our hands-on technical approach, comprehensive testing capabilities, in-house structural and materials laboratory, and an enthusiasm for problem solving, allows us to gain a deep understanding of the structure and develop innovative and cost-effective repair and maintenance strategies. Through this comprehensive and well refined approach of what our founder Jack Janney referred to as "asking the structure," WJE has extended the life of countless structures and improved the construction industry's understanding of why structures, components, and materials fail and how they can be preserved.

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- Condition assessments and the development of repair options are key practice areas for WJE, and the City will benefit from WJE's expertise gained on over 6,000 parking garage projects across the country, including over 80 projects at garages in Florida.
  - The City will also benefit from WJE's unparalleled quality and depth of condition assessment and repair options. This includes industry-leading nondestructive evaluation, service life determinations, in-house laboratory testing, advanced structural analysis and load rating of deteriorated structures, and a thorough understanding of code requirements.
  - The City will benefit from the depth and breadth of WJE's staff expertise, which allows us to quickly, efficiently, and thoroughly perform our field assessments, as well as continuity of that same team developing options for repair.
  - The City will benefit from our team's Project Leaders' nationally recognized expertise in precast and post-tensioned garage repairs, and their experience working on hundreds of parking garage assessment and repair projects, several of which were performed for local government clients.
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WJE clearly understands the City's objective for this project and is committed to providing the scope of services as described in the RFQ. Accordingly, WJE has assembled a highly skilled team of consultants that are well suited to assist the City with achieving their goals for this assignment. In addition to WJE, the rest of our Project Team is comprised of the following subconsultants:

- **TLC Engineering Solutions (TLC)** | M/E/P & Technology Engineering
- **Kravit Architectural Associates, Inc. (Kravit)** | Architecture/Interior Office Build-Out
- **Lerch Bates Inc. (Lerch Bates)** | Elevators

WJE has a strong history of successfully working with and managing subconsultants on large multi-discipline projects and has previously worked with the subconsultants on this Project Team.



We anticipate the majority of the work will be performed by personnel from our South Florida office. The South Florida office contact information is located below, and Mr. Brian Calderone will be the main point of contact for the City throughout the project.

Wiss, Janney, Elstner Associates, Inc.  
1900 NW Corporate Boulevard, Suite E102  
Boca Raton, Florida 33431  
561.226.1220 tel | 561.981.8077 fax

We are committed to providing the highest level of professional service and will work closely with the City to achieve your strategic vision. Finally, our commitment to the City's vision for this project is articulated in the following statement of qualifications. We look forward to your review of our qualifications and discussions on how WJE can serve you.

Sincerely,

**WISS, JANNEY, ELSTNER ASSOCIATES, INC.**

Brian M. Calderone, PE  
Senior Associate & South Florida Unit Manager | Project Manager  
tel 216.642.2300 | cell 440.552.7975  
bcalderone@wje.com

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Michael W. Lee  
Principal | Project Advisor

James P. Donnelly  
Principal | Project Advisor

### TAB B - FIRM EXPERIENCE AND PAST PERFORMANCE

#### Professional Licenses and Certifications

Wiss, Janney, Elstner Associates, Inc. (WJE) and our team subconsultants possess all the professional licenses and certifications required to undertake and complete this project. Current professional licenses and certifications possessed by key personnel on our project team are indicated on individual resumes in Tab C, and copies of applicable firm and individual licenses are provided at the end of this Tab

#### Firm Experience

WJE is uniquely qualified to assist the City of Hollywood with the repair and maintenance of their parking structures. Because of the investigative nature of WJE and our background in material testing, WJE has been involved in the evaluation and repair of parking structures since corrosion-related deterioration of such structures first became apparent in the 1960s. Over the past 64 years, WJE has successfully completed well over 6,000 projects at parking garages around the country — including over 80 projects at garages in Florida — and we continue to perform over 100 condition surveys and evaluations of parking structures each year. We also design and inspect the repairs for many of the parking garages we investigate, and assist owners with repair prioritization and planning, obtaining competitive bids from qualified contractors, and provide construction administration services.

**WJE has worked directly with nearly all state governments and more than 1,000 local government entities across the country. Included within this work are over 450 parking garage assessment/investigation and repair projects for local government clients**

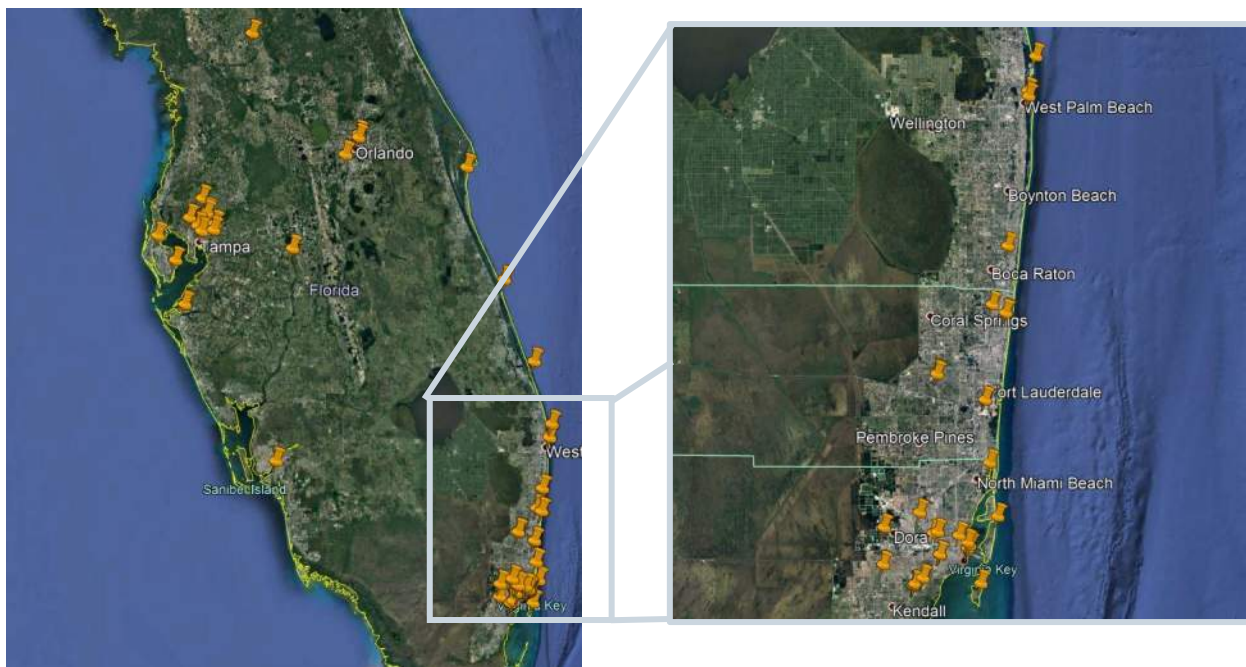


Figure 1. WJE projects at parking garages in South Florida and the Tri-Counties



WJE is the industries leader in concrete technology, having completed numerous research and training projects on concrete deterioration and corrosion protection for the American Concrete Institute, Federal Highway Administration, National Highway Cooperative Research Project, Concrete Reinforcing Steel Institute and others. This work has positioned WJE at the forefront of concrete repair and rehabilitation. Work has included investigation of corrosion of embedded reinforcement which produces visible effects such as cracking, delamination and spalling. Through a better understanding of the causes of concrete deterioration, WJE has developed and implemented repair and rehabilitation solutions that range from partial and full depth repairs that utilize ready-mix concrete designs and specialized mortars to the application of sealers and surface treatments that inhibit the ingress of corrosion chemicals such as chlorides in order to improve the long term durability of concrete repairs.

### Janney Technical Center



Our Janney Technical Center laboratory uses a wide variety of nondestructive diagnostic tools to assess the condition of existing parking garages. WJE is at the forefront in developing nondestructive testing techniques and other diagnostic aids for use in the laboratory and field. Our fully equipped 70,000 square foot, state-of-the-art structural testing facility includes a for laboratory testing, and is often used for special mock-ups and custom-testing devices designed to meet special project requirements. For field testing, a full complement of equipment and testing methods are available. WJE offers a full range of services for petrographic, analytical chemistry, inorganic chemistry, mortar, paint, and coatings analyses. Specific capabilities include optical, infrared, and electron microscopy; X-ray diffractometry and emission spectroscopy.

Because of our continuous involvement in concrete repair projects, we are very familiar with the most recent innovations and improvements in concrete repair technology and the current costs for parking garage rehabilitation. WJE is also experienced in the development of plans and specifications for repair of concrete structures using state-of-the-art materials and construction methods. WJE's research and practical application of cathodic protection systems and experimental laboratory experience regarding specialty concretes, penetrating sealers, coatings, epoxy-coated bars, epoxy-coated prestressing strand, and admixtures sets WJE apart from other firms in the development of construction, rehabilitation and maintenance procedures for new and older reinforced concrete structures.

### Relevant Experience

While WJE's relevant project experience is vast, per Addendum #1 of RFP, we have provided the following five (5) recently complete concrete parking garage assessment and repair projects, that highlight the experience of the key leaders of our project team.



**PROJECT PROFILE**

# Northwestern Mutual Parking Garage

Condition Evaluation, Repair, and Structural Modification | Milwaukee, WI

**CLIENT/OWNER**

Northwestern Mutual

**CONTACT**

Mark Mrozek  
720 East Wisconsin Ave.  
Milwaukee, WI 53202  
414.665.2424 (ph)  
markmrozek@northwesternmutual.com

**DATES**

WJE Services: 2010-2015  
Construction: 2011-2015

**CONTRACT FEES**

WJE Services: \$550,000  
Construction: \$5,900,000+



**BACKGROUND**

This parking garage serves a corporate campus in Milwaukee, Wisconsin, and consists of two separate seven-story structures. Both garage structures are constructed of cast-in-place concrete and are comprised of typically 5-1/2 in. thick, one-way post-tensioned floor slabs, post-tensioned beams, and conventionally reinforced columns, with precast concrete façade panels attached to the exterior of the building. The total deck area of the two structures is approximately 332,000 square feet with 985 parking spaces. The east structure was constructed around 1977, and the west structure was constructed around 1987.

**RELEVANCE**

Assessment, repair, bidding and construction phase service project at garage with similar construction to the City of Hollywood's Garfield Street Garage

**PROJECT TEAM**

Jim Donnelly



A condition evaluation was performed, prompted by ongoing and worsening deterioration in the east structure, where almost all deterioration was located. The condition evaluation consisted of a visual survey, delamination survey, and inspection openings to review the post-tensioning tendons in the slabs and beams. Many hidden conditions were also encountered during the construction phase of the project.



**SOLUTION**

WJE performed a structural evaluation of this structure and developed repair documents to address the deterioration and provided engineering services during the repair construction.

This project included post-tensioning, concrete, and waterproofing repairs while maintaining use of the parking structure during construction. This garage consists of two separate seven-level structures, which combined occupy approximately three-quarters of a city block. Over 600 tendons were repaired, including replacement of nearly 40 percent of the end anchors at the expansion joints. Supplemental externally-mounted post-tensioning tendons were installed on beams exhibiting tendon deterioration. The remaining beam tendons were dried and injected with new protective grease. WJE also designed and implemented construction of a new exit. The new exit required reconfiguration of the bottom of the helical ramp structure at the ground level and creation of an opening through the exterior wall.



This project received an Award of Merit by the Post-Tensioning Institute (PTI), recognized for a high quality repair project and use of state-of-the art technology.







**PROJECT PROFILE**

# Huntington Park Garage

Engineering Services for Garage Rehabilitation | Cleveland, OH

**CLIENT/OWNER**

Cuyahoga County Department of Public Works

**CONTACT**

Susan Base Milligan  
1642 Lakeside Avenue  
Cleveland, Ohio 44114  
216.348.3841 (ph)  
smilligan@cuyahogacounty.us

**DATES**

WJE Services: 2013-2017  
Construction: 2015-2017

**CONTRACT FEES**

WJE Services: \$865,000  
Construction: \$20,000,000+



After years of use, deterioration of many components of the Huntington Park Garage had occurred. Cuyahoga County requested WJE’s services to study the existing conditions and to develop recommendations for repairs.

**BACKGROUND**

The Huntington Parking Garage, constructed in the early 1970s, is a four-level precast double-tee concrete structure with 1,100 parking spaces located on the north side of the Cuyahoga County Courthouse. The top level includes a concealed waterproofing system and concrete topping slab. The lower three levels are partially below grade and are considered to be enclosed areas of the garage.

**RELEVANCE**

Assessment, repair, bidding and construction phase service project at garage with similar construction to the City of Hollywood’s Van Buren Garage. WJE managed a team of multiple subconsultants across several professional disciplines for a local government client.

**PROJECT TEAM**

Brian Calderone  
Michael Lee



**SOLUTION**

WJE was requested by the Cuyahoga County Department of Public Works (County) to perform professional services for the Huntington Park Garage Rehabilitation project. The project includes structural, architectural, waterproofing, mechanical, electrical, plumbing, ventilation, and fire protection services.

WJE conducted a condition assessment to identify and quantify the deterioration of the structural, architectural, waterproofing, MEP, and fire protection systems within the parking garage. This design study consisted of document reviews and interviews, field investigations, laboratory evaluation of existing construction materials, an accessibility review, sprinkler system pressure testing, traffic flow and parking study, a limited tunnel moisture assessment, utility location surveying, HVAC system testing, and determining the scope of repairs. The second phase provided assistance with repair design and bidding. WJE developed comprehensive repairs to garage’s structural and waterproofing systems. The structural repairs were comprised of concrete repairs to girders, precast double tee, columns, and walls, while the waterproofing repairs included the full removal and replacement of all sealant joints, traffic coatings, expansion joints, and the top level topping slab and concealed hot-asphalt membrane. WJE developed construction documents in the form of general notes, drawings, and specifications while assisting the County in obtaining competitive bids for the construction work.

Following bidding, the County elected to convert the repair phase to a design-build project. For this Phase the county retained WJE as the criteria engineer and utilized WJE’s construction phase and construction observation services.





**PROJECT PROFILE**

# Evanston Parking Garages

Comprehensive Repairs | Evanston, IL

**CLIENT/OWNER**

City of Evanston, IL

**CONTACT**

Sean Ciolek,  
Facilities and Fleet Manager  
2100 Ridge Ave  
Evanston, IL 60201  
847.448.8181 (ph)  
SCiolek@cityofevanston.org

**DATES**

WJE Services: 2010-2013  
Construction: 2011-2013

**CONTRACT FEES**

WJE Services: \$281,000  
Construction: \$2,600,000+



**BACKGROUND**

Three garages owned by the City of Evanston were the subject of this project—the five-story Church Street Garage, built in 1989; the six-story Maple Avenue Garage, built in 2000; and the twelve-story Sherman Plaza Garage, built in 2004. Each garage is constructed of post-tensioned concrete slabs and each has a facade consisting primarily of precast concrete.

**RELEVANCE**

Assessment, repair, bidding and construction phase service projects at multiple garages with similar construction and age (at the time of assessment) to the City of Hollywood’s Garfield Street Garage and Radius Garage. Projects were also for a city government client.

**PROJECT TEAM**

Jim Donnelly

Although the garages were generally in good condition, repairs and improvements were desired to address known distress and deficiencies and to improve the durability of the garage structures. The City of Evanston retained WJE to design repairs and improvements to the three city-owned garages.

**SOLUTION**

The distress and deficiencies addressed by the repairs included unsound concrete, strength deficiencies of vehicle guard walls, deficient gravity and lateral supports for precast concrete facade panels, cracked welds in aluminum facade components, and cut beam stirrups at pipe penetrations. WJE performed surveys to document the extent of concrete deterioration, deficient facade panel connections and other existing conditions. Analyses were performed to design structural repairs, including beam capacity based on the damaged and the remaining beam stirrups. In addition to preparing specifications and drawings to implement the repairs, WJE also provided engineering services during the bidding and construction phases of the repair project.

WJE’s scope was later expanded by the City to include the investigation of cracking at light pole base connections on the top level of the Sherman Plaza Garage. WJE then designed replacement light poles and also performed a comprehensive close-up inspection of the garage’s facade.







**PROJECT PROFILE**

# JC Penney Corporate Headquarters Parking Garage

Structural and Waterproofing Repairs | Plano, TX

**CLIENT/OWNER**

J. C. Penney Company, Inc.

**CONTACT**

JR Simpson; current site manager for  
CBRE Property Management  
6501 Legacy Dr., Plano, TX 75024  
214.416.7050 (ph)  
james.simpson3@cbre.com

**DATES**

WJE Services: 2011-2018  
Construction: 2012-2018

**CONTRACT FEES**

WJE Services: \$436,000  
Construction: \$4,000,000+



**CLIENT/OWNER**

J. C. Penney Company, Inc.

**BACKGROUND**

The JC Penney Corporate Headquarters campus comprises two multi-level parking structures with a parking capacity of 5,000 cars and a total area of 1.5 million square feet. The parking garage, which was constructed in 1991, consists of a precast concrete structure with a facade of architectural precast concrete wall panels. The wall panels were constructed using three different concrete mixes to achieve a pleasing contrast in color and texture.

**RELEVANCE**

Assessment, repair, bidding and construction phase service project at garage with similar construction to the City of Hollywood’s Van Buren Garage.

**PROJECT TEAM**

Michael Lee  
**WJE** ENGINEERS  
ARCHITECTS  
MATERIALS SCIENTISTS

Many precast beams, wall panels, and columns at the parking garage were showing cracking, spalling, and other forms of concrete distress. WJE initiated a comprehensive field investigation to determine the cause, extent, and significance of the distress. Over an 22-year period, WJE has served the facility owner by periodically monitoring the garage, and where appropriate, developing construction documents and conducting construction administration tasks.



**SOLUTION**

WJE engineers performed a condition survey of the structure’s elements, conducting materials sampling for laboratory analysis, and exploratory openings to examine hidden conditions. The engineers determined that the distress was caused by insufficient prestressing force in the beams and deleterious expansion of the concrete.

WJE developed a repair program that included removal and replacement of ninety-two panels as well as treatment of the remaining wall panels with waterproofing sealants, repellants, and coatings. A quality control program was devised to ensure that the contractor’s work was in conformance with the repair objectives, and construction administration services were performed. WJE’s repair program was able to extend the service life of the wall panels.



For the concrete beams, repair programs were developed over several years and included installation of external steel plates or application of external post-tensioning. Selected concrete columns were structurally enhanced by installation of externally bonded carbon fiber reinforced polymers.



**PROJECT PROFILE**

# US Bank Plaza Garage

Condition Evaluation, Repair Design, and Construction Administration | St. Louis, MO

**CLIENT/OWNER**

Cassidy Turley

**CONTACT**

Mike Sprigg,  
Project Manager  
505 N 7th St., Suite 200, St. Louis, MO  
314.368.7972 (ph)  
Michael.sprigg@cushwake.com

**DATES**

WJE Services: 2005-2020\*  
Construction: 2008-2020\*  
\*multiple completed projects

**CONTRACT FEES**

WJE Services: \$475,000  
Construction: \$4,000,000+



**BACKGROUND**

The US Bank parking garage consists of a six-story, 364 space, precast prestressed concrete structure that serves the US Bank Tower in downtown St. Louis, Missouri. The garage was constructed in 1975. Double-tee floor beams were constructed of lightweight concrete, and conduit had been embedded in the cast-in-place concrete topping over the double-tee floor beams. This configuration created an environment that was prone to deterioration due to corrosion. The façade of the garage consists of precast panels with an exposed aggregate finish.

**RELEVANCE**

Assessment, repair, bidding and construction phase service project at garage with similar construction to the City of Hollywood’s Van Buren Garage.

**PROJECT TEAM**

Jim Donnelly



In the mid-1990s, WJE was first asked by the owner to provide a second opinion on the condition of the garage after another consultant recommended that it be demolished. Corrosion had compromised many of the connections between precast elements, and deteriorated concrete was prominent on the top surface of the floor decks and on overhead surfaces. Loose concrete was present on the exterior façade panels, posing a falling hazard to pedestrian traffic around the garage. Settlement of the soil under a generator in one corner of the garage was also causing large cracks in the ground level walls and floor slab.



**SOLUTION**

After performing a condition evaluation, WJE provided repair recommendations to strengthen or replace deteriorated connections, perform concrete repairs on the deck and exterior façade panels, and install a protective waterproofing membrane to greatly reduce the rate of corrosion in the deck. Repairs were phased to address the most severely deteriorated portions of the garage first. The repairs restored the garage to full serviceability.



Since that time, WJE has also investigated and strengthened deteriorated double-tee beams and addressed settlement of the ground level slab. Update condition assessments are performed annually to identify and prioritize maintenance repairs for the owner to continue to protect their investment.





Ron DeSantis, Governor

Halsey Beshears, Secretary



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**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**WISS, JANNEY, ELSTNER ASSOCIATES, INC.**

330 PFINGSTEN RD  
NORTH BROOK IL 60062

**LICENSE NUMBER: AAC001204**

**EXPIRATION DATE: FEBRUARY 28, 2021**

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Ron DeSantis, Governor



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## WISS, JANNEY, ELSTNER ASSOCIATES, INC.

330 PFINGSTEN ROAD  
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**CALDERONE, BRIAN MICHAEL**

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Halsey Beshears, Secretary



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**FADDEN, MATTHEW FLOYD**

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### CHANCELLOR, NATHAN BRENT

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**FITZGERALD, TRICIA LYNN**

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## COSTELLO, TIMOTHY RAYMOND

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### TLC ENGINEERING SOLUTIONS, INC.

255 SOUTH ORANGE AVE  
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# *State of Florida*

## *Department of State*

I certify from the records of this office that TLC ENGINEERING SOLUTIONS, INC. is a corporation organized under the laws of the State of Florida, filed on December 31, 1968.

The document number of this corporation is 339497.

I further certify that said corporation has paid all fees due this office through December 31, 2020, that its most recent annual report/uniform business report was filed on January 2, 2020, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Second day of January, 2020*



*Ronald R. DeBevoise*  
*Secretary of State*

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Ron DeSantis, Governor



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**GONZALEZ, HECTOR E.**

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RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



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Halsey Beshears, Secretary



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**FERNANDEZ, ANIEL ARMANDO**

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**BUREAU OF ELEVATOR SAFETY  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-1013**

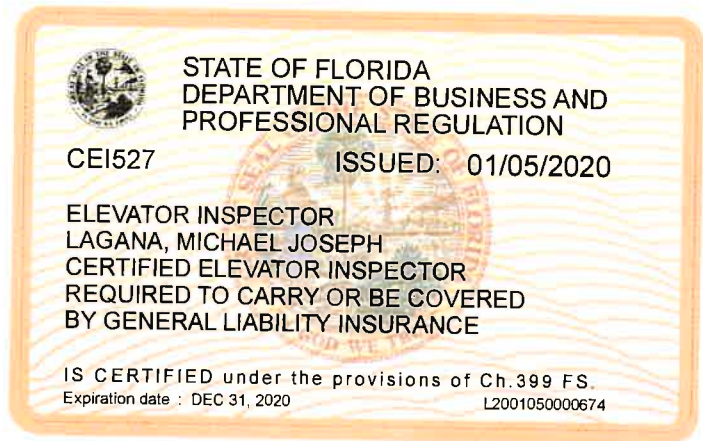
850-487-1395

LAGANA, MICHAEL JOSEPH  
9042 PINEBREEZE DR  
RIVERVIEW FL 33578

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DETACH HERE

RON DESANTIS, GOVERNOR

HALSEY BESHEARS, SECRETARY

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BUREAU OF ELEVATOR SAFETY**

<b>LICENSE NUMBER</b>	
CEI527	

The CERTIFIED ELEVATOR INSPECTOR  
Named below IS CERTIFIED  
Under the provisions of Chapter 399 FS.  
Expiration date: DEC 31, 2020

**REQUIRED TO CARRY OR BE COVERED  
BY GENERAL LIABILITY INSURANCE**

LAGANA, MICHAEL JOSEPH  
9042 PINEBREEZE DR  
RIVERVIEW FL 33578



NON-TRANSFERABLE





**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**BUREAU OF ELEVATOR SAFETY  
2601 BLAIR STONE ROAD  
TALLAHASSEE FL 32399-1013**

850-487-1395

LERCH BATES INC  
3802 S EHRLICH RD STE 110  
TAMPA FL 33624

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

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DETACH HERE

RON DESANTIS, GOVERNOR

HALSEY BESHEARS, SECRETARY

**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BUREAU OF ELEVATOR SAFETY**

<b>LICENSE NUMBER</b>	
ELC832	

The ELEVATOR COMPANY  
Named below IS REGISTERED  
Under the provisions of Chapter 399 FS.  
Expiration date: DEC 31, 2020  
**REQUIRED TO CARRY OR BE COVERED  
BY GENERAL LIABILITY INSURANCE**

LERCH BATES INC  
3802 S EHRLICH RD STE 110  
TAMPA FL 33624



NON-TRANSFERABLE







RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



**STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

THE ARCHITECT CORPORATION HEREIN IS CERTIFIED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**KRAVIT ARCHITECTURAL ASSOC INC**

902 CLINT MOORE RD # 136  
BOCA RATON FL 33487

**LICENSE NUMBER: AAC001495**

**EXPIRATION DATE: FEBRUARY 28, 2021**

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Ron DeSantis, Governor

Halsey Beshears, Secretary



**STATE OF FLORIDA**  
**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**  
**BOARD OF ARCHITECTURE & INTERIOR DESIGN**

THE ARCHITECT HEREIN IS LICENSED UNDER THE  
PROVISIONS OF CHAPTER 481, FLORIDA STATUTES

**KRAVIT, MICHAEL JAY**

902 CLINT MOORE RD STE 136  
BOCA RATON FL 33487

**LICENSE NUMBER: AR0009202**

**EXPIRATION DATE: FEBRUARY 28, 2021**

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### TAB C - ORGANIZATIONAL CHART AND KEY PERSONNEL

#### Proposers/Consultant Qualifications

Wiss, Janney, Elstner Associates, Inc. (WJE) is an interdisciplinary firm of engineers, architects, and material scientists, specializing in the assessment, investigation, analysis, testing, and repair design for distressed conditions in new and existing structures. While most firms focus on design, WJE's core business practice since our inception in 1956 has been focused on assessing existing structures and solving problems in existing construction. Founded on the principle that developing better solutions requires a better understanding of the problem, WJE combines state-of-the-art



laboratory and testing facilities, nationwide offices, and knowledge sharing systems to provide diagnostic, practical, innovative, and technically sound solutions to our client's problems. WJE has become a recognized leader in the assessment and repair of existing structures through our professional expertise, outstanding technical ability, and reputation for quick response to client needs. Further, with more than 750 professional and support staff, most of whom have been with WJE for 10 years, and a third of whom have been with the firm for 15 years or more, our team is one of the most stable and experienced in the industry. WJE staff members are leaders in their field and most hold advanced degrees; however, the most valuable asset we bring to every job is our past experience with similar structures, having conducted more than 125,000 investigations worldwide since WJE was founded.

### WHILE MOST A/E FIRMS FOCUS ON NEW DESIGN, WJE'S CORE BUSINESS PRACTICE SINCE OUR INCEPTION HAS BEEN FOCUSED ON ASSESSING EXISTING STRUCTURES

Our core business practice of assessing and repairing existing structures has strategically positioned WJE over the last 64 years to become a firm with capabilities and services unique to the engineering and consulting industry. A company comprised of experts, experience working on the most challenging problems associated with nearly every kind of structure, construction, and materials, along with a state-of-the-art laboratory and field-testing equipment are all individually powerful tools. However, it's WJE's combination of all of these elements through our culture of knowledge sharing, doing right by our clients, and enthusiasm for finding solutions that make our firm ideally suited for assisting the City of Hollywood (City) with assessing, protecting, repairing, and improving the condition of their parking facilities.

### Service Areas

With more than 750 professionals operating from 29 offices and laboratories located across the United States and around the world, WJE has the resources to respond to virtually any problem and offers a wide range of technical services and expertise in virtually all aspects of design and construction technology. WJE offers a broad spectrum of services, including the following:

#### Engineering

- Structural Engineering
- Bridge Engineering
- Construction Engineering
- Fire Protection & Life Safety
- Geotechnical & Geological
- Heavy Movable Structures
- Materials Engineering
- Metallurgical & Applied Mechanics
- Seismic Engineering

#### Field

- Building Enclosure Testing
- Condition Evaluation
- Construction Observation & Troubleshooting
- Difficult Access & Drone Survey
- Instrumentation & Monitoring
- Nondestructive Evaluation
- Structural Load Testing

#### Architecture

- Architectural Finishes & Materials
- Building Enclosures
- Building Science
- Enclosure Commissioning
- Historic Preservation

#### Design

- Design-Build
- Design Review
- Repair & Rehabilitation
- Systems & Components

#### Laboratory

- Materials Evaluation & Testing
- Product Development, Evaluation, & Testing
- Research
- Structural Load & Fatigue Testing

#### Forensics

- Failure & Damage Investigation
- Litigation Consulting

### Location

While WJE enjoys the strength of a national firm, the work for this project will be primarily performed from WJE's South Florida office, with supplemental technical assistance and laboratory services being provided from other locations as necessary. WJE's local South Florida office is currently located in Boca Raton, Florida, but will be relocating to Downtown Fort. Lauderdale, in Broward County, in October of 2020. Accordingly, throughout the duration of this project, WJE's office will be located within a 20-minute drive to any of the three garages.

### Project Team

WJE has assembled a highly qualified, multi-disciplined team, which is uniquely qualified to perform the garage assessment and repair services associated with this RFQ. While, WJE projects typically involve multiple disciplines, most of which are provided in-house by WJE, we also have extensive experience working and leading consultant teams to clearly define the project objective, delegate individual tasks, and oversee deliverables in a cost conscious, time-sensitive manner.





### WJE Project Leadership Team

Technical excellence is at the heart of our culture. The capabilities and achievements of our staff lead the profession. For this project, WJE has assembled an experienced team of engineers to undertake this assignment. Project members have been selected based on their technical capabilities and availability at complete the work on schedule. Key Personnel on this project sit on major national committees for the American Concrete Institute (ACI) and Post-Tensioning Institute (PTI) related to concrete parking structures. Accordingly, they have a deep understanding of the governing Codes and guides for designing, constructing, and repairing concrete parking structures, since they (and others at WJE) have collaborated on and have helped develop these Codes. It is this entire body of knowledge from research to committee to implementation of repairs in the field that allows WJE to design and specify appropriate, durable, and cost-effective repairs for parking structures. Short qualification descriptions of the leaders of the project team and other key personnel are provided in the following paragraphs. Resumes for each key team member are provided at the end of this section.

#### Brian Calderone, P.E. - Project Manager



Mr. Calderone is a Senior Associate and the Manager of WJE's South Florida office; and he will be the Project Manager for this assignment. As the Project Manager, Mr. Calderone will provide effective communication with the City and project team members to ensure timely, cost-effective, and technically sound services. Mr. Calderone will assign and direct the technical efforts of the professionals on the WJE project team and will coordinate our subconsultants. He will also perform portions of the hands-on assessment, be the structural engineer of record for the repair drawings and lead our team efforts through the bidding and construction phase services portions of the project. He will manage the budgets and schedules for the project. Project team members will operate under the direct supervision and review of Mr. Calderone.

Since the beginning of his tenure at WJE in 2008, Mr. Calderone has worked on over 200 projects focused on the assessment and repair of existing structures. He is experienced working on a range of different types of concrete structures including, over 20 separate parking structures, professional stadiums and arenas, nuclear power plants, and convention centers.

Mr. Calderone also has project management experience with large, complex, multi-discipline projects. In 2017, when Category 4 Hurricane Harvey made landfall in southern Texas, Mr. Calderone served as WJE's Project Manager for WJE's assessment, stabilization, and repair of over 200 structures and 40+ facilities impacted by the storm. Under Mr. Calderone's management, WJE's project team (including M/E/P, site civil, and architectural design subconsultants) performed over \$1.3 million dollars' worth of engineering services in less than four months.



### **Michael W. Lee, P.E. - Project Advisor (Precast Garages)**

Mr. Lee will serve as the Project Advisor for this project, with an emphasis on the precast concrete garage (Van Buren). As a Project Advisor, Mr. Lee's primary tasks will be assisting Mr. Calderone with technical aspects of the project including, determining the technical approach towards various assessment, testing, and repair strategies. Further, Mr. Lee will perform QA/QC reviews on reports, drawing/specifications, and other work product prior to issuance.

Mr. Lee has performed and managed over 150 projects involving the investigation, assessment, testing, and/or repair of concrete parking garages. He is a licensed Professional Engineer in six states. He is a member of the Maintenance Manual Chair for the national Prestressed/Precast Concrete Institute (PCI) Parking Structures Committee, a number of national ACI committees, American Society of Civil Engineers (ASCE) Committee 7 - Minimum Design Loads, and the former chapter president of the Structural Engineers Association of Texas. Prior to joining WJE, Mr. Lee worked at HDR (formerly W.E. Simpson) and Campbell & Associates, where he acquired fourteen years of structural design experience. At these firms, he was responsible for the analysis, design, or construction administration for over five million square feet of office, medical, parking, and educational facilities. His experience encompasses precast, post-tensioned, two-way, composite, and long-span structural systems. In addition, Mr. Lee has investigated existing structures and designed modifications, as required, for changes in occupancy and loading.

### **James P. Donnelly, S.E., P.E. - Project Advisor (Post-Tensioned Garages)**

Mr. Donnelly will serve as the Project Advisor for this project, with an emphasis on the post-tensioned concrete garages (Radius and Garfield). As a Project Advisor, Mr. Donnelly's primary tasks will be assisting Mr. Calderone with technical aspects of the project including, determining the technical approach towards various assessment, testing, and repair strategies. Further, Mr. Donnelly will perform QA/QC reviews on reports, drawing/specifications, and other work product issued for the Radius and Garfield Garages.

Mr. Donnelly has been involved in a wide variety of structural investigations and evaluations for the repair of existing concrete structures, including the investigation and/or repair of over 200 parking garages since joining WJE in 1985. He has served as project manager or lead project engineer on most of those projects. He is a licensed Structural Engineer in Illinois and Professional Engineer in three other states. He is the Chairman of the American Concrete Institute (ACI) committee on parking structures, is a member of the ACI prestressed concrete committee, and is a member of four technical committees for the Post-Tensioning Institute, including the PTI Parking Structure, Repair, and Repair Certification Committees. Mr. Donnelly coauthored the chapter on parking structures in the 2005 published book titled *Structural Condition Assessment*<sup>1</sup>. He is a featured speaker at the Repair of Concrete Seminar conducted annually by the University of Wisconsin. In addition, he is one of the regular presenters for a series of concrete repair seminars given by ACI around the country.

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<sup>1</sup> Ratay, Robert T. (2005). *Structural Condition Assessment*. Hoboken, NJ: John Wiley & Sons, Inc.

In addition to the Project Leadership Team above, associate-level and senior-level staff will be assisting during the course of this project in order to meet the required deliverables and schedule while providing the highest quality of work product and service.

**Tricia Fitzgerald, P.E., LEED AP** is a Licensed Engineer in the State of Florida and has sixteen years of experience and specializes in architectural and structural investigations and restoration of building envelope components and structural systems. Ms. Fitzgerald will serve as a project engineer and contribute to all phases of the project including assessment, reporting, repair design, and construction phase services.

**Matthew Fadden, Ph.D., P.E.** is a Licensed Engineer in the State of Florida and has over ten years of industry experience and his primary areas of expertise include the design, analysis, and evaluation of steel structures (hot-rolled and cold-formed) and reinforced concrete structures. Fadden will serve as a project engineer and contribute to all phases of the project including assessment, reporting, repair design, and construction phase services.

**Brent Chancellor, Ph.D., P.E.** is a Licensed Engineer in the State of Florida and has over 13 years of experience in structural engineering design, research, and analysis and has experience ranging from investigating and fixing problems in existing structures to designing safer structures that can survive extreme events. Dr. Chancellor will serve as a project engineer and contribute to all phases of the project including assessment, reporting, repair design, and construction phase services.

**Karen Zimnicki, RA, NCARB** is a Licensed Architect in the State of Florida, and a façade and enclosure specialist in field evaluation, testing and repair design to address nonperforming building issues, moisture problems, and associated material distress. Ms. Zimnicki will consult on the building enclosure assessment and repairs associated with the occupied space portions of the garages (offices and retail)

**Joshua Freedland** is a coatings and public arts preservation specialist and has extensive experience with materials conservation and associated problem solving. Mr. Freedland's expertise will be utilized for the assessment and preservation for façade coatings present on the metal, EIFS, stucco, and concrete cladding elements on each garage, including the public art on the Radius Garage.

**Timothy Costello, P.E.** is a Licensed Engineer in the State of Florida, and a fire protection and life safety specialist combining a unique perspective gained from more than twenty years as a fire protection engineer and code consultant, along with twenty-five years in the volunteer fire service. Mr. Costello will lead the technical portions of our assessment and repairs of the fire and life safety components of the garages.



### TLC Engineering Solutions Project Personnel



TLC Engineering Solutions provides high-performance engineering design, consulting and energy services. Founded in 1955 and consistently ranked among the largest MEP and structural engineering firms in the country, they are an industry leader with expertise in diverse markets, from education to healthcare to aviation. Headquartered in Orlando, Florida, TLC has eight offices across Florida as well as offices in Nashville, Tennessee; New Orleans, Louisiana; Dallas, Texas; Philadelphia and Willow Grove, Pennsylvania; Atlanta, Georgia; and Chicago, Illinois. The highly qualified team of 390+ professionals includes professional engineers, LEED-accredited professionals and ACG-registered commissioning authorities, coupled with specialists in acoustics, energy management and technology. TLC provides comprehensive services that allow clients to collaborate with a dedicated team from start to finish.

**Ralph Baeza, Ph.D., P.E., LEED AP** is an electrical engineer with over 35 years of experience in engineering systems encompassing high, medium and low voltage power, normal and emergency power, lighting, fire alarm, telephone, television, public address, security, lighting protection, environmental control and building management for residential, commercial, institutional and industrial buildings.

**Erick Gonzalez, P.E., LEED AP** has extensive engineering management experience and specializes in the design of complex HVAC systems, including controls, plumbing and fire protection systems.

**Aniel Fernandez, P.E., LEED AP** has over 19 years of project and field experience in mechanical design, consulting engineering and management which includes parking garages and office buildings.

**Juan Carlos Perez** has over 18 years of experience in telecommunications and construction administration and is an expert at synthesizing information to achieve successful solutions that meet clients' needs.



### Kravit Architectural Associates Project Personnel

Kravit Architectural Associates, Inc. is a full-service architectural firm that provides both architectural and interior architectural design services.

Since being founded in 1985, they have completed over 30 million square feet of office space and have designed more than 15 million square feet of buildings valued at over \$640 million. While their projects vary in size, scope, complexity, location, and design solutions, the commitment to excellence is a common denominator that unifies their work. Based on client requirements, Kravit Architectural Associates can provide comprehensive services including feasibility studies, site evaluation, architectural design, space programming and planning, interior architectural design, renovation/remodel services, graphic design and facility management.

**Michael J. Kravit, AIA, RA, NCARB** founded the firm and has been responsible for design of numerous types of buildings including complex university engineering buildings, medical facilities and single-family residences.

### Lerch Bates Project Personnel



**LERCH BATES**

Lerch Bates Inc. is a unique organization established in 1947 that pursues the sole specialty of consulting in the fields of vertical transportation (elevators and escalators), façade access, and materials management materials handling systems. Advice and assistance are not predicated upon sales of a product allowing the prudent planner to pursue greater latitude in selection of transportation modes and façade access arrangements and equipment. Lerch Bates has saved clients many costly and tragic mistakes through expeditious analysis and accurate layouts. Lerch Bates establishes an accurate basis for competitive tendering, derived from performance-type specifications. Their position as the largest consulting firm in the world for these specialties has uniquely qualified them for this project with their vast experience in planning new vertical and horizontal transportation, and façade access systems.

**Michael Lagana** is the Regional Manager of Florida and the Caribbean Islands and his current responsibilities are to provide elevator consulting and oversight to Modernizations, New Equipment Design, Planning, Due Diligence Studies, Maintenance Management and Inspections – along with Code Analysis and Auditing of existing equipment.

**Frank Williams, Jr.** is a Senior Consultant currently working in the Lerch Bates South Florida Office and providing vertical transportation consulting services for clients.





#### EXPERIENCE

Since joining WJE, Brian Calderone has been involved in the forensic investigation, evaluation, and repair of hundreds of projects, including concrete, steel, wood, and masonry structures. These projects include structural failure and leakage investigations of water retaining concrete structures; fire damage assessment of concrete and wood structures; condition assessment and repair of structural and waterproofing elements of conventional and prestressed reinforced concrete parking garages and stadiums, as well as system assessments and material investigations of EIFS and masonry facades; and collapse investigations of concrete, steel, and masonry structures. He is also experienced in preparing construction documents for concrete, steel, waterproofing, and masonry repairs, and the management and oversight of active repair projects. Mr. Calderone has also provided engineering consulting services for insurance claim and litigation projects.

#### REPRESENTATIVE PROJECTS

##### Concrete Parking Structures

- Apartment Complex - Boca Raton, FL: Full scale structural load testing and instrumentation of a precast parking garage.
- Alhambra Circle - Coral Gables, FL: Assessment, repair and construction phase services for a post-tensioned parking garage.
- Palmetto General Hospital Garage - Hialeah, FL: Assessment and conceptual repair options for a post-tensioned parking garage.
- Huntington Park Garage - Cleveland, OH: Investigation and repair design for precast concrete structure and waterproofing
- West General Robinson Garage - Pittsburgh, PA: Precast concrete condition assessment and repair
- North Short Parking Garage - Pittsburgh, PA: Precast concrete condition assessment and repair
- Disalle Government Center - Toledo, OH: Assessment of concrete parking garage.
- Cleveland State University Central Garage - Cleveland, OH - Assessment and conceptual repairs for a precast concrete parking garage.
- Mercy Anderson Garage - Cincinnati, OH: Assessment and conceptual repairs for a concrete parking garage.

#### Failure/Damage Investigations

- Hurricane Harvey - Aransas County, TX - Storm damage assessment and repair design for hundreds of civil, commercial, and educational facilities.
- Hurricane Michael - Panama City, FL - Storm damage Assessment and repair design for multiple civil, commercial, and educational facilities.
- Ohio State University, Wooster Campus: Campus-wide assessment for structural damage resulting from an EF2 tornado
- Port of Los Angeles - CA: Assessment of fire damage to wood and reinforced concrete dock

#### Facade Assessment

- University of Cincinnati, Aronoff Center - OH: Assessment of EIFS distress and associated water leakage
- The Pennsylvania State University, Lasch Football Building - University Park: Investigation of water infiltration through masonry cavity wall and glazed aluminum frame windows

#### Concrete Repair and Rehabilitation

- PNC Park at North Shore - Pittsburgh, PA: Stadium-wide replacement of seating bowl and concourse waterproofing elements
- Palo Verde Nuclear Power Plant and Water Reclamation Facility - Tonopah, AZ: Visual and materials condition assessment for a large waste water treatment plant that included a comprehensive assessment and repair plan
- Brushy Creek Regional Utility Authority Water Treatment Plant - Cedar Park, TX: Investigation of concrete cracking and water leakage at multiple structures at newly constructed water treatment plant

#### Nondestructive Evaluation

- PNC Park at North Shore - Pittsburgh, PA: Ground penetrating radar (GPR) assessment of voids below slab-on-grade sidewalks
- Easterly Tunnel Dewatering Pump Station - Cleveland, OH: Impact-echo and ultrasonic pulse velocity (UPV) evaluation of reinforced concrete pump bases and columns
- David L. Lawrence Convention Center - Pittsburgh, PA: Ground penetrating radar (GPR) evaluation of double-tee bearing connection

#### EDUCATION

- Case Western Reserve University
  - Bachelor of Science, Civil Engineering, 2009
  - Master of Science, Structural Engineering, 2009

#### PRACTICE AREAS

- Concrete Parking Structures
- Failure/Damage Investigations
- Fire Damage
- Repair and Rehabilitation
- Facade Assessment
- Nondestructive Evaluation
- Water Retaining Structures
- Litigation Consulting
- Construction Troubleshooting

#### REGISTRATIONS

- Professional Engineer in FL, OH, and TX

#### PROFESSIONAL AFFILIATIONS

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

#### TECHNICAL COMMITTEES

- ACI 350-0C - Environmental Engineering Concrete Structures - Reinforcement and Development

#### CONTACT

bcalderone@wje.com  
561.226.1220  
www.wje.com

### Michael W. Lee | Principal



#### EDUCATION

- University of Texas at Austin
  - Bachelor of Science, Architectural Engineering, 1981
  - Master of Science, Structural Engineering, 1983

#### PRACTICE AREAS

- Concrete Structures
- Construction Materials
- Failure/Damage Investigations
- Litigation Consulting
- Parking Structures
- Precast/Prestressed/Post-Tensioned Concrete
- Repair and Rehabilitation
- Structural Evaluation

#### REGISTRATIONS

- Professional Engineer in AR, KS, MO, NM, OK, and TX

#### PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Society of Civil Engineers
- Precast/Prestressed Concrete Institute
- Structural Engineers Association of Texas, past board member and past chapter president

#### CONTACT

mlee@wje.com  
 972.550.7777  
 www.wje.com

#### EXPERIENCE

Michael Lee's practice focuses on investigating distressed buildings and parking garages. The distressed conditions have involved concrete deterioration, water leakage, collapse, construction deviations, and facade deterioration. Mr. Lee uses structural analyses, load tests, nondestructive testing, and laboratory studies to determine the cause and significance of the distress. He also develops drawings and specifications to repair the affected structures.

Prior to joining WJE, Mr. Lee worked at HDR (formerly W.E. Simpson) and Campbell & Associates, where he acquired fourteen years of structural design experience. At these firms, he was responsible for the analysis, design, or construction administration for over five million square feet of office, medical, parking, and educational facilities. His experience encompasses precast, post-tensioned, two-way, composite, and long-span structural systems. In addition, Mr. Lee has investigated existing structures and designed modifications, as required, by changes in occupancy and loading.

#### REPRESENTATIVE PROJECTS

##### Failure/Damage Investigations

- Football Stadium - TX: Column reinforcing bar failures during construction
- Warehouse Facility - Houston, TX: Steel-framed roof collapse during rainstorm
- Whole Foods Market - Dallas, TX: Shopping center roof collapse during lifting

##### Parking Garage Analysis, Design, and Repair

- Aura Boca Colonnade Garage - Boca Raton, FL: Instrumentation and data acquisition system for in-place load test
- Dallas County Parking Garage - Dallas, TX: Condition assessment and design of repairs to distressed precast, prestressed members
- JCPenney Home Office Parking Garage - Plano, TX: Evaluation of distress in precast beams, girders, columns, and wall panels
- McCormick Place Hyatt Hotel Garage - Chicago, IL: Structural design of all levels in cast-in-place, post-tensioned parking deck
- Metropolitan Uptown Garage - Houston, TX: Investigation of distress in concrete deck in steel-framed structure and design of repairs

##### Building Analysis and Rehabilitation

- Cedar Hill High School Performing Arts Hall - Cedar Hill, TX: Concrete masonry unit wall repair design
- Office Building - Irving, TX: analysis and design of structural repairs for 5-story concrete tilt-wall building
- Texas Woman's University, Science Building - Denton, TX: Analysis and design of structural modifications to 1930s-era concrete frame
- The Retreat Clubhouse - Cleburne, TX: Investigation and remediation design of wood framing

##### Structural Evaluation

- Automated People Mover - TX: Review of APM guideway precast and post-tensioned deck and bents
- High-Mast Light Poles - Various Locations, TX: Evaluation of stadium light poles for structural adequacy for wind loads
- State Highway 332 Bridge - Brazoria County, TX: Stability analysis of long-span steel girders

##### TECHNICAL COMMITTEES

- ACI 117 - Tolerances
- ACI 437 - Strength Evaluation of Existing Concrete Structures
- ACI 440 - FRP Reinforcement
- PCI - Parking Structures Committee; chair of Garage Maintenance Task Group
- PCI - Standards Committee
- SEAoT - NCSEA delegate
- University of Texas at Arlington - Construction Research Advisory Committee





#### EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Civil Engineering, 1983
  - Master of Science, Civil Engineering, 1985

#### PRACTICE AREAS

- Parking Structures
- Prestressed and Post-Tensioning
- Repair and Rehabilitation Design
- Concrete Deterioration
- Bridge Engineering
- Foundations and Retaining Walls
- Plazas and Terraces
- Steel Structures

#### REGISTRATIONS

- Professional Engineer in IL, KY, and MO
- Structural Engineer in IL

#### PROFESSIONAL AFFILIATIONS

- American Concrete Institute
- American Society of Civil Engineers
- Post-Tensioning Institute

#### CONTACT

- [jdonnelly@wje.com](mailto:jdonnelly@wje.com)
- 847.272.7400
- [www.wje.com](http://www.wje.com)

#### EXPERIENCE

James Donnelly has significant experience in the investigation and repair of concrete structures. This includes major investigations of distress in post-tensioned, precast, and conventionally reinforced concrete structures, including more than 150 parking structures. As an expert in concrete repair, he is a frequent speaker for a series of concrete repair seminars given by ACI.

Mr. Donnelly's experience also includes the investigation and repair of corroded steel structures, distressed and decayed wood structures, and foundation settlement problems. He also has experience in the inspection and repair of plazas, design of curtain wall framing, stone testing, and facade inspections. Mr. Donnelly has served as project manager and project engineer on a wide variety of structural investigations and evaluations.

#### REPRESENTATIVE PROJECTS

##### Parking Structures

- Northwestern Mutual Home Office Parking Garage - Milwaukee, WI: Extensive repairs of slab-and-beam post-tensioning
- Washington University in St. Louis - St. Louis, MO: Evaluation of all parking garages on main campus and development of repair and maintenance plan
- US Bank Plaza Garage - St. Louis, MO: Evaluation of structure and development of repair prioritization for annual repairs to this parking garage
- Des Plaines Casino Garage - Des Plaines, IL: Design review of precast concrete elements and investigation of partial collapse
- Children's Mercy Hospitals and Clinics - Kansas City, MO: Capacity evaluation due to low-strength concrete in garage structure
- Continuum Parking Garage - Austin, TX: Development of repairs for precast elements damaged by DEF
- Washington University in St. Louis - Clayton, MO: Annual repairs to floor slabs of the West Campus Garage

##### Repair and Rehabilitation Design

- Olympia Centre - Chicago, IL: Investigation and repair design for cracking in structural concrete frame

- Little Village High School - Chicago, IL: Investigation of collapsed hollow-core plank and design and construction review of entire floor system
- Palo Verde Water Treatment Facility - Tonopah, AZ: Development of repair design for structural rebuild of clarifier tanks
- Orlando Airport People Mover - Orlando, FL: Evaluation and repair recommendations for concrete guideways
- 612 South Clinton Street - Chicago, IL: Capacity evaluation of clay tile arch flooring and strengthening design
- Olympia Centre - Chicago, IL: Waterproofing and repair design for vaulted sidewalks
- Sentry Insurance Corporate Headquarters - Stevens Point, WI: Design and reconstruction of plaza system
- Pick 'n Save - Brookfield, WI: Investigation of roof collapse, evaluation of roof framing for snow loads, and development of repairs

##### Bridge Engineering

- Various Bridge Decks - IA: Performance evaluation and service life projection for bridge decks with epoxy-coated reinforcing steel
- I-129 Bridge Deck Over Missouri River - Sioux City, IA: Condition assessment and service life projection of bridge deck and comparative evaluation of bridge deck using multiple nondestructive testing techniques
- Broadway Street Viaduct - Council Bluffs, IA: Evaluation of concrete piers and abutments
- Piggott-Tudor Ramps - East St. Louis, IL: Deck investigation and repair design

##### Foundations and Retaining Walls

- Mill Creek - Buffalo Grove, IL: Underpinning and repair of selected condominium buildings
- St. Luke's Lutheran Church - Park Ridge, IL: Evaluation and underpinning of settled west wall

##### TECHNICAL COMMITTEES

- ACI 362 - Parking Structures, secretary
- ACI 423 - Prestressed Concrete
- PTI - Repair and Rehabilitation

### Tricia L. Fitzgerald | Senior Associate



#### EDUCATION

- Oklahoma State University
  - Bachelor of Architectural Engineering, 1999

#### PRACTICE AREAS

- Repair and Rehabilitation Design
- Condition Assessment
- Failure Investigation
- Litigation Consulting
- Structural Evaluation
- Roofing and Waterproofing
- Stucco

#### REGISTRATIONS

- LEED Accredited Professional
- Professional Engineer in FL

#### PROFESSIONAL AFFILIATIONS

- Florida Structural Engineers Association (FSEA), Palm Beach Chapter secretary
- International Concrete Repair Institute (ICRI), South Florida Chapter director
- International Institute of Building Enclosure Consultants (IIBEC), member

#### CONTACT

tfitzgerald@wje.com  
 954.830.5410  
 www.wje.com

#### EXPERIENCE

Tricia Fitzgerald specializes in architectural and structural investigations and restoration of building envelope components and structural systems. In her sixteen years of experience, Ms. Fitzgerald has conducted condition assessments of structures and building envelope components, has performed investigations of failed and collapsed structures, and has designed building envelope repairs and structural concrete and waterproofing repairs. Her expertise also includes construction observation of concrete repairs, EIFS, stucco, waterproofing, and sealants.

Prior to joining WJE, Ms. Fitzgerald gained experience in the testing, evaluation, and specification of products used for windborne debris protection in hurricane-prone regions.

#### REPRESENTATIVE PROJECTS

##### Repair and Rehabilitation Design

- Miami Marine Stadium - Virginia Key, FL: In-depth field investigation to prepare conceptual repair recommendations to address structural engineering, materials science and corrosion, historic preservation, and roofing and waterproofing concerns
- Mall of San Juan Parking Garage - San Juan, Puerto Rico: Evaluation of damaged precast concrete double tees, preparation of repair details, and construction observation of repairs
- Beach Club Tower One - Hallandale Beach, FL: Condition assessment and repair design for failed components, including stucco facade, masonry infill parapet walls, spalled and cracked concrete, sealants, and rooftop terrace drainage\*
- Vi at Aventura - Aventura, FL: Design of overclad EIFS system to encapsulate failed stucco facade; detailed construction observation of two twenty-three-story towers and amenities building, construction observation of 60,000-square-foot waterproofing system installation at plaza deck\*

##### Roofing and Waterproofing

- Ocean Residences at Boca Beach Club Condominium - Boca Raton, FL: Design of replacement waterproofing system and architectural finishes\*

##### Structural Evaluation

- Biscayne Cove Condominium Parking Garage - Aventura, FL: Investigation and evaluation of structural failure of precast joists and beams
- Nuclear Generating Station - Tonopah, AZ: Analysis of cooling tower structure and deteriorated fan deck support columns
- Office Complex - Guadalajara, Jalisco, Mexico: Review of design and partial construction of precast concrete frame office buildings, steel-frame lab and warehouse, and cast-in-place concrete physical plant for compliance with gravity and seismic requirements of local codes ASCE 7-10 and IBC 2009\*

##### Failure Investigation

- Low-Rise Hotels - Three Sites, South Florida: Determination of cause, origin, and scope of damage of building envelope systems, including EIFS and Portland cement stucco applied over metal lath and exterior gypsum sheathing\*
- Warehouse Office - Jacksonville, FL: Determination of cause, origin, and scope of damage of an elevated floor structural collapse\*

##### Litigation Consulting

- Two Twenty-Six-Story Condominium Buildings - Riviera Beach, FL: Construction defect litigation of alleged defects, including stucco delamination, structural cracks, water intrusion, balcony railings, post-tension cables, and planter and amenity deck waterproofing
- Fifty-One-Story Condominium - Sunny Isles Beach, FL: Construction defect litigation of alleged stucco defects
- Fifteen-Story Condominium - Coral Gables, FL: Investigation of alleged stucco and floor tile delamination due to fire sprinkler failure

\*Indicates with previous firm



### Matthew F. Fadden | Senior Associate



#### EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Civil Engineering, 2007
- University of Michigan
  - Master of Science in Engineering, Civil Engineering, 2008
  - Doctor of Philosophy, Civil Engineering, 2013

#### PRACTICE AREAS

- Failure/Damage Investigation
- Repair and Rehabilitation
- Steel Structures
- Concrete Structures
- Structural Analysis
- Structural Testing
- Litigation Consulting

#### REGISTRATIONS

- Professional Engineer in FL, KS, and LA

#### PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- American Society of Civil Engineers
- Cold-Formed Steel Engineers Institute

#### CONTACT

mfadden@wje.com  
 561.226.1206  
 www.wje.com

#### EXPERIENCE

Matthew Fadden joined WJE with ten years of experience in structural engineering research and consulting. His primary areas of expertise include the design, analysis, and evaluation of steel structures (hot-rolled and cold-formed) and reinforced concrete structures. Additionally, Dr. Fadden has expertise in structural evaluation using finite element modeling and structural testing. His experience also includes seismic design, structural vibrations, offshore structures, and litigation support.

Prior to joining WJE, Dr. Fadden was a professor in the Department of Civil, Environmental, and Architectural Engineering at the University of Kansas. There, his research areas included modular systems and connections for steel buildings, bolted and welded connections, ancillary sign structures, structural vibrations, and additive manufacturing for civil infrastructure. Dr. Fadden has authored many technical publications in refereed journals and given numerous conference presentations.

#### REPRESENTATIVE PROJECTS

##### Failure/Damage Investigations

- Hurricane Michael Structural Evaluations - Panama City, FL: Assessment of schools, churches, retail, and office buildings for structural safety
- Lincoln Pointe Sea Wall - Aventura, FL: Corrosion investigation and repair recommendations of a precast concrete seawall
- Apartment Stair Failure - Mission, KS: Litigation consulting regarding the failure of concrete stair resulting in personal injury\*

##### Steel Structures

- International Airport - Southwest FL: Litigation support regarding the fabrication of steel plate girders for automated people mover system
- Lightweight Modular Two-Way Flooring Systems for Steel Structures - Lawrence, KS: Development of a new flooring system that allows for rapid and modular construction considering structural vibrations and diaphragm behavior\*\*

- Dynamic Performance of Cantilever Sign Trusses - Lawrence, KS: Computational fluid dynamics and wind tunnel testing study to understand loading characteristics and fatigue performance\*\*
- Offset Derrick Optimization Study - Lafayette, LA: Finite element modeling optimization of derricks to reduce material and fabrication costs\*\*
- HSS-to-HSS Seismic Moment Frame System - Ann Arbor, MI: Large-scale experimental testing and finite element modeling studies of hollow structural section connections under seismic loads\*\*

##### Concrete Structures

- Cargo Port - Southwest FL: Litigation support regarding post-installed reinforcement capacity and development
- Wolf Creek Nuclear Power Plant Substation - Burlington, KS: Structural investigation and repair recommendations of foundations
- Austin-Bergstrom International Airport - Austin, TX: Evaluation of isolation joint and repair recommendations
- Lightweight Modular Reinforced Concrete Structural Walls Optimized for Additive Manufacturing - Lawrence, KS: Development, analysis, and testing of a modular wall system using 3D-printed formwork\*\*
- Development and Characterization of Self-Sensing Carbon Nanofiber High-Performance Fiber Reinforced Cementitious Composite - Lafayette, LA: Development and evaluation of a high-ductility cement composite with improved strain sensing\*\*

\*Indicates prior consulting experience

\*\*Indicates as a faculty member or graduate researcher

##### TECHNICAL COMMITTEES

- American Iron and Steel Institute Committee on Framing Standards, corresponding member
- American Society of Civil Engineers Structural Engineering Institute Structural Connections Committee, chair

### Brent Chancellor | Associate III



#### 201EDUCATION

- University of Oklahoma
  - Bachelor of Science, Civil Engineering, 2005
  - Master of Science, Civil Engineering, 2007
- Lehigh University
  - Doctor of Philosophy, Structural Engineering, 2014

#### PRACTICE AREAS

- Failure/Damage Investigation
- Structural Evaluation and Rehabilitation
- Seismic Evaluation & Retrofit
- Construction Engineering
- Nonlinear Finite Element Analysis
- Tall Building Engineering
- Peer Review
- Space Structures

#### REGISTRATIONS

- Professional Engineer in CA, NY, NJ, FL

#### PROFESSIONAL AFFILIATIONS

- Council on Tall Buildings & Urban Habitat
- American Society of Civil Engineers
- American Institute of Steel Construction
- American Concrete Institute

#### CONTACT

bchancellor@wje.com  
561.226.1208  
www.wje.com

#### EXPERIENCE

Brent Chancellor joined WJE in 2019 with 13 years of experience in structural engineering design, research, and analysis.

Dr. Chancellor's interests range from investigating and fixing problems in existing structures to designing safer structures that can survive extreme events. His experience spans many structure types such as tall buildings, aviation structures, mixed-use buildings, residential structures, office buildings, industrial buildings, and space structures. He has experience with many types of hazards including seismic, wind, and man-made threats.

Dr. Chancellor endeavors to bring value to clients through peer review and value engineering of structures. He enjoys helping contractors navigate the process of construction by engineering solutions that speed erection times, create safer job sites, save money, and reduce effort.

#### REPRESENTATIVE PROJECTS

##### Failure/Damage Investigation

- Ten Story Residential Building - Sarasota, FL: Investigation and repair recommendations of distressed concrete columns, concrete masonry walls, and reinforced concrete slabs.

##### Structural Evaluation & Rehabilitation

- Alhambra Plaza - Coral Gables, FL: Rehabilitation of four-story parking post-tensioned structure connected to hotel and Class A office space. Rehabilitation included concrete and post-tensioning repairs and new traffic coatings
- Twenty-Five Story Hotel/Condo Building - Fort Lauderdale, FL: Evaluation of slab capacity with loss of post-tensioning

##### Construction Engineering

- Development of fast-track construction sequencing for multiple tall buildings - Kuala Lumpur, Malaysia: Schematic design of up-down construction sequence to cut months off construction schedule\*

##### Seismic Evaluation & Retrofit

- Universidad Sagrado Corazon - San Juan, Puerto Rico: Initial seismic condition assessment of campus building to identify vulnerabilities and recommend structures for further evaluation and retrofit
- Seismic Evaluation of Steel Self-Centering Concentrically Braced Frames - Lehigh University, Bethlehem, PA: Laboratory testing of 4-story rocking steel braced frame under multiple earthquake scenarios, development of design procedure for structural system\*

##### Nonlinear Finite Element Analysis

- U.S. Embassy - Undisclosed location: Evaluated nonlinear response of structure under column removal scenarios
- Tall Building (Confidential >70 stories) - New York, NY: Alternate load path study of tall building design\*

##### Tall Building Engineering

- Mega Tall Building (>600m height) - Kuala Lumpur, Malaysia: Design of gravity and foundation systems (steel composite floor systems and reinforced concrete piled raft foundation system)\*
- Super Tall Building (>300m height) - Kuala Lumpur, Malaysia: Design of gravity, lateral, and foundation systems (reinforced concrete columns, floors, shear walls with outriggers, and piled raft foundation)\*

##### Peer Review

- 15 Hudson Yards - New York, NY: Structural engineering peer review services of 88 story concrete and steel building\*
- 2 WTC (Bjarke Ingels Group's design) - New York, NY: Structural engineering peer review services for 80+ story steel building\*

##### Space Structures

- Mars Ice House - The Red Planet: Served as structural consultant to winning architecture team in NASA design competition. Structure was pressurized fabric structure with water ice 3D printed on interior to absorb gamma radiation\*

\*Indicates with previous firms



### Karen K. Zimnicki | Associate Principal



#### EDUCATION

- University of Illinois at Urbana-Champaign
  - Bachelor of Science, Architectural Studies, 1999
  - Master of Architecture, 2002
  - Master of Science, Civil Engineering, construction management specialization, 2002

#### PRACTICE AREAS

- Leakage investigation
- Roofing and Waterproofing
- Building Enclosure Commissioning
- Repair and Rehabilitation
- Litigation Consulting
- Construction Documents and Specifications
- Construction Administration
- Peer Review

#### REGISTRATIONS

- Architect in FL, IL, and OH
- Construction Documents Technologist (CDT)
- LEED Accredited Professional
- National Council of Architectural Registration Boards

#### PROFESSIONAL AFFILIATIONS

- American Architectural Manufacturers Association (AAMA)
- Sealant Waterproofing and Restoration Institute (SWRI)

#### EXPERIENCE

Karen Zimnicki joined WJE in 2015 and specializes in field evaluation, testing and repair design to address nonperforming building issues, moisture problems, and associated material distress. Her experience encompasses investigation of water leakage and deteriorating building materials, repair design, construction contract administration, and litigation consulting.

Ms. Zimnicki has investigated many construction systems and materials such as curtain walls, concrete, masonry, steel, waterproofing, roofing, wood cladding, and EIFS systems. Her expertise includes standardized and diagnostic field and laboratory testing, with an emphasis on air and water infiltration, exterior wall materials, roofing, and waterproofing systems.

Prior to joining WJE, Ms. Zimnicki was an associate and consulting architect at Raths, Raths & Johnson, Inc. and worked as a private contractor for the U.S. Army Corps of Engineers Construction Engineering Research Laboratory.

#### REPRESENTATIVE PROJECTS

##### Leakage Investigation

- Seaside at Belleair III Condominium - Belleair, FL: Field investigation and water testing of stucco and EIFS facade

##### Roofing and Waterproofing

- Tate & Lyle - Hoffman Estates, IL: Roofing condition survey and investigation, development of repair recommendations, and consulting for laboratory and office\*

##### Building Enclosure Commissioning

- Baptist Medical Center - Jacksonville, FL: Building enclosure commissioning services for a hospital tower with precast concrete panel, curtain wall, and low- and steep-slope roofing systems

#### Repair and Rehabilitation

- 1111 South Wabash Avenue Condominium - Chicago, IL: Repair design development, water testing, and construction contract administration for high-rise wall and fenestration systems\*
- Hyatt Regency Chesapeake Bay - Cambridge, MD: Field investigation, testing, analysis, and repair design development for wall and fenestration systems\*
- Clarke Memorial Fountain, University of Notre Dame - South Bend, IN: Field investigation and repair design development for reflecting pool and fountain waterproofing\*

#### Litigation Consulting

- Nova Southeastern University - Davie, FL: Litigation consultation services for architect standard of care and contractual relationships
- Fountain Square - Cincinnati, OH: Litigation consultation services, field investigation, analysis, repair design development, and construction contract administration for plaza waterproofing\*

#### Construction Administration

- Miami-Dade County Courthouse - Miami, FL: Construction contract administration for terra cotta cladding, and window and plaza waterproofing repairs
- The Ritz-Carlton Grand Cayman - Cayman Islands: Construction observations for stucco, waterproofing, and window and flashing repairs

#### Peer Review

- Raymond James Stadium - Tampa, FL: Review exterior enclosure design including EIFS, window, and door systems
- Norton Museum of Art - West Palm Beach, FL: Review exterior enclosure design including stucco, curtain wall, roofing, and waterproofing systems

*\*Indicates with previous firm*

#### CONTACT

kzimnicki@wje.com  
773.793.2557  
www.wje.com

### Joshua Freedland | Principal



#### EDUCATION

- Brandeis University
  - Bachelor of Arts, History, 1995
  - Master of Arts, Comparative History, 1995
- University of Pennsylvania
  - Master of Science, Historic Preservation, 1999
  - Advanced Certificate, Architectural Conservation, 2000

#### PRACTICE AREAS

- Monument Assessment and Conservation
- Historic Preservation
- Facade Assessment
- Materials Conservation Analysis
- Facade Cleaning Studies
- Coatings Investigation

#### PROFESSIONAL AFFILIATIONS

- American Institute for Conservation (AIC), professional associate and Architecture Specialty Group (ASG) Past Chair,
- Journal of the American Institute for Conservation - Associate Editor
- Landmarks Illinois Executive Board Member
- Association for Preservation Technology International (APT)

#### CONTACT

jfreedland@wje.com  
312.372.0555  
www.wje.com

#### EXPERIENCE

Joshua Freedland has extensive experience with materials conservation of historic buildings, sculptures and monuments. His work has included materials analysis, building documentation, facade investigations, preservation recommendations, and construction observations. Mr. Freedland has worked with a wide variety of materials, including marble, granite, limestone, brick masonry, terra cotta, stucco, plaster, and architectural metals.

Mr. Freedland has provided preservation recommendations for hundreds of buildings, monuments, and sculptures, including many listed on the National Register of Historic Places and local registers. Many local and national organizations have recognized his preservation work for excellence.

Numerous archaeological sites in the United States and abroad have benefitted from Mr. Freedland's conservation consulting services. He has published and presented extensively on materials and site conservation, including laboratory studies on desalination efficiency, stone consolidants, and masonry cleaning and preservation.

#### REPRESENTATIVE PROJECTS

##### Monument Assessment and Conservation

- Washington Monument - Washington DC: Assessment and repair design
- *Untitled* by Picasso - Chicago, IL: Conservation assessment of weathering steel monument
- Crown Fountain - Chicago, IL: Assessment of glass brick fountain
- *Four Seasons* by Chagall - Chicago, IL: Conditions assessment of mosaic
- Monument Plaza, Hoover Dam - Nevada: Conservation assessment of bronze figures
- Lincoln Tomb - Springfield, Illinois: Assessment of interior finishes
- Veterans Administration - Various: Assessment and recommendations of cemetery monuments.
- Marquette Building - Chicago, IL: Conservation recommendations of bas relief bronze sculptures

- DIME Statue, St. Mary's - Mundelein, IL - Assessment and repair recommendations of marble sculpture
- Wyoming Monuments and Markers - Wyoming: Assessment and training seminars on of masonry monuments
- Perry's Victory and International Peace Memorial - Put-in-Bay, OH: Restoration of granite facade

##### Historic Preservation - Modernism

- Gateway Arch - St. Louis, MO: HSR and assessment of stainless steel cladding
- Farnsworth House - Plano, IL : Repairs and recoating of curtain wall and terrace
- Yale Center for British Arts - New Haven, Connecticut: Evaluation of cleaning of concrete and pewter finished stainless steel cladding
- Horace Mann Insurance Company - Springfield, Illinois: Technical consulting for cleaning of travertine facade
- TD Banking Pavilion - Toronto, Canada: Evaluation of curtain wall coatings

##### Marble Conservation

- New York Public Library - NY: Evaluation of Vermont marble facade
- Minnesota State Capitol - St. Paul, MN: Evaluation of Georgia marble facade including consolidant studies
- U.S. Custom House - New Orleans, LA: Evaluation and conservation of Tuckahoe marble interior
- The Temple of Antioch - Turkey: Assessment of third century Roman Temple marble ruin
- Macy's State Street - Chicago, IL: Evaluation and analysis of Tuckahoe marble

##### Facade Assessment

- Colorado State Capitol - Denver, CO: Evaluation of granite stairs and cast iron dome
- Wheeler Opera House - Aspen, CO: Assessment of sandstone facade
- Nebraska State Capitol - Lincoln: Materials conservation and treatment recommendations



### Timothy R. Costello | Associate Principal



#### EDUCATION

- University of Maryland
  - Bachelor of Science, Fire Protection Engineering, 1997

#### PRACTICE AREAS

- Fire Protection Engineering
- Fire Protection, Detection, and Alarm Systems Design/Analysis
- Fire/Life Safety/Egress Assessments
- Loss Investigation/Litigation Consulting
- Building/Fire Code Consulting
- Performance-Based Design
- Fire Resistance Design
- Fire and Emergency Planning

#### REGISTRATIONS

- Professional Engineer in FL, IL, DE, NJ, NY, and PA
- Provisional - Certified Fire and Explosion Investigator

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects
- International Association of Arson Investigators
- National Fire Protection Association
- National Association of Fire Investigators
- Society of Fire Protection Engineers

#### CONTACT

tcostello@wje.com  
609.799.2476  
212.760.2540  
www.wje.com

#### EXPERIENCE

Timothy Costello combines a unique perspective gained from over twenty years as a fire protection engineer and code consultant, along with twenty-five years in the volunteer fire service. He is accomplished in fire protection systems evaluation, design, and commissioning; the application of building and fire codes; fire resistance design; and the development and exercising of emergency preparedness plans. Mr. Costello works closely with building owners, facility and safety managers, developers, architects, engineers, attorneys, and code officials to develop innovative and code compliant solutions so that each project is completed successfully. This work has also led to his participation on technical committees for the development of major New York City Building Code revisions and for three National Fire Protection Association (NFPA) standards.

Prior to joining WJE, Mr. Costello served in a number of roles with Jensen Hughes, Inc. (Rolf Jensen & Associates), including vice president/operations manager, director, and principal engineer. He also was the president of TRC Fire Engineering, P.C., a fire engineering firm serving clients in New York City.

#### REPRESENTATIVE PROJECTS

##### Fire Protection, Detection, and Alarm Systems Design/Analysis

- North River Waste Water Treatment Plant - New York, NY: Fire suppression, detection, and alarm systems design\*
- Passaic County Courthouse - Paterson, NJ: Fire alarm system and sprinkler system design\*#
- New York City Hall - New York, NY: Fire alarm with voice communication, wireless detection, and sprinkler and standpipe system design\*#^
- Waldorf-Astoria Hotel & Towers - New York, NY: Sprinkler system design\*#
- Metropolitan Museum of Art - New York, NY: Fire protection systems master plan\*#
- Columbia University, Manhattanville - New York, NY: Fire alarm/smoke control master plan for new university campus\*

##### Building/Fire Code Consulting

- 26 Federal Plaza - New York, NY: Eight-story renovation of federal office building\*
- 377 Washington Street - Newark, NJ: Egress compliance evaluation of new K-12 school\*

- 428 Columbus Avenue - New York, NY: Fire department rooftop access consulting for residential penthouse addition#
- More Than Thirty Buildings - New York, NY: Fire protection plans for offices, hospitals, hotels, and day-care facilities\*

##### Performance-Based Design

- Javits Center - New York, NY: Validation of original performance-based approach using current egress and fire modeling methods\*
- Meridian Hangar 12 - Teterboro, NJ: Code and technical analysis and modeling for column water spray protection\*
- Confidential - New York, NY: Test criteria for protection of Sprayed Fire Resistant Materials (SFRM) from high-temperature diesel exhaust, and analysis of test results\*
- Confidential - New York, NY: Testing of criteria for slab edge firestop solution for curved glass exterior wall; observation of fire tests and development of engineering-judgement\*
- Beekman Hotel & Residences - New York, NY: Fire and egress modeling with specialized smoke curtains\*#^

##### Fire Resistance Design

- 4 East 66th Street - New York, NY: Renovation of residential penthouse exterior wall and roof fire resistance#
- 12 West 17th Street - New York, NY: Fire resistance design for roof replacement#
- 44 South Broadway - White Plains, NY: Fire resistance design for exterior sign supports
- 765 St. Nicholas Avenue - New York, NY: Peer review of party wall for adjacent building penthouse addition#

##### Fire and Emergency Planning

- More Than Seventy-Five Buildings - New York, NY: Fire safety/emergency action plans for offices, hotels, hospitals, colleges, dormitories, day care centers, theaters, and arenas\*
- Confidential - NJ Sites: Development of emergency response/crisis management plan; facilitation of table-top exercises\*

\*Projects with previous firms  
#Landmarked building  
^Award-winning project

##### TECHNICAL COMMITTEES

- New York City Building Code, Fire Protection Technical Committee, 2008, 2014, and 2019 cycles



## PERSONNEL QUALIFICATIONS

### Ralph Baeza | Principal



#### EDUCATION

- Universidad Nacional Autonoma de Honduras
  - Bachelor of Science, Electrical and Industrial Engineering, 1984
- Universidad Nacional Autonoma de Honduras
  - Master of Business Administration, Business Administration, 1991
- Liberty University
  - Doctor of Philosophy, Business Administration in Organizational Leadership, 2017

#### YEARS OF EXPERIENCE

- TLC: 13 years
- Prior: 25 years

#### REGISTRATIONS

- Professional Engineer in FL
- LEED Accredited Professional

#### PROFESSIONAL AFFILIATIONS

- National Society of Professional Engineers (NSPE)
- Institute of Electrical and Electronics Engineers (IEEE)

#### BACKGROUND

Ralph is a registered professional engineer with over 35 years of experience, in all aspects of electrical engineering and project management. His background with engineering systems encompasses high, medium and low voltage power, normal and emergency power, lighting, fire alarm, telephone, television, public address, security, lighting protection, environmental control and building management for residential, commercial, institutional and industrial buildings. As a Senior Electrical Engineer and Project Manager Ralph leads a team of engineers and designers. He is an astute troubleshooter and problem solver with the vision to develop and implement successful action plans and has earned a track record of successfully designed and managed projects.

#### EXPERIENCE

##### Miami Design District City Garage, Miami, Florida

- Seven-level, 530-space parking garage with an additional 22,000 sf of retail space on the ground floor and 23,000 sf of office shell space over seven levels. \$23 million/235,000 sf

##### Gables Auto Vault, Coral Gables, Florida

- New five-story mixed-use luxury car storage with ground floor retail. Features four vehicle lift stations, condo owners' lounge, service areas, office space, storage, showroom, wash bays, a 24,000 sf charging lot with 50-vehicle capacity, eight electric charging stations and one electric charging station transformer. \$19.5 million / 94,000 sf

##### Banyan Cay Resort & Golf Garage, West Palm Beach, Florida

- New two-story open-air parking garage with 200 parking spaces. \$2.5 million / 150,000 sf

##### Plantation Pointe Parking Garage, Plantation, Florida

- New two-level open parking structure, each level with an area of 143,328 SF for a total of 286,656 SF / MEP / FP

#### EXPERIENCE CONTINUED

##### 5707 Waterford Office Building and Parking Garage, Miami, Florida

- Class A shell office building with 130,000 sf of office space, a three-story 215,000 sf parking garage with 433 spaces and 75,000 sf of site lighting located in the Blue Lagoon Office Park. Engineered the tenant fit up with a different architect under a separate contract. Registered for LEED CS v3. \$25 million / 345,000 sf

##### GEO Group Headquarters and Parking Garage, Boca Raton, Florida

- New seven-story building with four floors of office space and a three-story 113,000 sf parking garage. \$27 million / 220,000 sf





## PERSONNEL QUALIFICATIONS

### Erick Gonzalez | Regional Director



#### EDUCATION

- University of Havana
  - Bachelor of Science, Mechanical Engineering, 1994
- Florida International University
  - Master of Architecture, Engineering-Construction Management, 2008

#### YEARS OF EXPERIENCE

- TLC: 9 years
- Prior: 16 years

#### REGISTRATIONS

- Professional Engineer in FL
- LEED Accredited Professional

#### PROFESSIONAL AFFILIATIONS

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- National Fire Protection Association (NFPA)

#### BACKGROUND

Erick has extensive engineering management experience and specializes in the design of complex HVAC systems, including controls, plumbing and fire protection systems. As a LEED AP, he is a specialist in integrated building practices and designing systems that deliver quality indoor environments. Erick excels in providing environmentally friendly, innovative and cost-effective solutions for high-performance HVAC designs.

#### EXPERIENCE

##### Gables Auto Vault, Coral Gables, Florida

- New five-story mixed-use luxury car storage with ground floor retail. Features four vehicle lift stations, condo owners' lounge, service areas, office space, storage, showroom, wash bays, a 24,000 sf charging lot with 50-vehicle capacity, eight electric charging stations and one electric charging station transformer. \$19.5 million / 94,000 sf

##### Miami Design District City Garage, Miami, Florida

- Seven-level, 530-space parking garage with an additional 22,000 sf of retail space on the ground floor and 23,000 sf of office shell space over seven levels. \$23 million/235,000 sf

##### 5707 Waterford Office Building and Parking Garage, Miami, Florida

- Class A shell office building with 130,000 sf of office space, a three-story 215,000 sf parking garage with 433 spaces and 75,000 sf of site lighting located in the Blue Lagoon Office Park. Engineered the tenant fit up with a different architect under a separate contract. Registered for LEED CS v3. \$25 million / 345,000 sf

##### GEO Group Headquarters and Parking Garage, Boca Raton, Florida

- New seven-story building with four floors of office space and a three-story 113,000 sf parking garage. \$27 million / 220,000 sf

##### City of Sunrise Municipal Complex and Parking Garage, Sunrise, Florida

- Multiple building complex including 100,000 sf city hall building, water park, amphitheater and 800-car parking garage. \$40 million / 371,000 sf

#### EXPERIENCE CONTINUED

##### American Express Headquarters and Parking Garage, Sunrise, Florida

- Major call center and administrative facility with a fitness center, dental office, cafeteria, kitchen, ground level game room, daycare center, and a 1,200-space parking garage. Scope includes biophilic concepts and numerous sustainability strategies, smoke control special inspection as well as acoustic studies and solutions to deliver an environment that fosters high level productivity. Certified LEED v2009 Silver. \$200 million / 460,000 sf



## PERSONNEL QUALIFICATIONS

### Aniel Fernandez | Senior Project Engineer



#### EDUCATION

- University of Havana
  - Bachelor of Science, Mechanical Engineering, 1994

#### YEARS OF EXPERIENCE

- TLC: 7 years
- Prior: 18 years

#### REGISTRATIONS

- Professional Engineer in FL
- LEED Accredited Professional

#### BACKGROUND

Aniel has over 19 years of experience in mechanical design, consulting engineering and management. His project experience includes: schools, clean rooms, production plants, laboratories, medical office buildings, kitchen ventilation design, and commercial office buildings. His field experience includes mechanical and plumbing inspections, and plan review in both fields. Aniel utilizes multiple computer-based software, like AutoCAD and Revit, to achieve a high level of design quality and coordination among trades. He uses energy simulation software tools to evaluate energy performances which are utilized for conceptual facility designs, State and Federal code compliance, LEED certifications, Energy Star certifications and AIA 2030 Challenge calculations.

#### EXPERIENCE

##### Plantation Pointe Parking Garage, Plantation, Florida

- New two-level open parking structure, each level with an area of 143,328 SF for a total of 286,656 SF / MEP / FP

##### 5707 Waterford Office Building and Parking Garage, Miami, Florida

- Class A shell office building with 130,000 sf of office space, a three-story 215,000 sf parking garage with 433 spaces and 75,000 sf of site lighting located in the Blue Lagoon Office Park. Engineered the tenant fit up with a different architect under a separate contract. Registered for LEED CS v3. \$25 million / 345,000 sf

##### GEO Group Headquarters and Parking Garage, Boca Raton, Florida

- New seven-story building with four floors of office space and a three-story 113,000 sf parking garage. \$27 million / 220,000 sf

##### City of Coral Springs Municipal Complex and Parking Garage, Coral Springs, Florida

- Five-story municipal building with an adjacent parking garage and retail space. The multi-level, 300-space parking garage features a post office on the ground level with offices, commission chambers, meeting rooms, IT offices and fitness center. Designed to achieve LEED NC 2009 Silver \$38 million / 148,480 sf

#### EXPERIENCE CONTINUED

##### Hampton Inn Midtown Hotel and Parking Garage, Miami, Florida

- New eight-story, 140 room hotel located near the Design District, featuring a lobby, restaurant, bar, fitness center, business center, back-of-house and support areas. The project includes a seven-level parking structure with additional elevator, 3,900 sf of retail shell space on ground floor and pool with deck located on the second floor. Designed to achieve LEED Silver certification. \$8.5 million/ 173,320 sf





## PERSONNEL QUALIFICATIONS

### Juan Carlos Perez | Project Manager



#### EDUCATION

- University of Havana
  - Bachelor of Science, Mechanical Engineering, 1994

#### YEARS OF EXPERIENCE

- TLC: 4 years
- Prior: 18 years

#### BACKGROUND

Juan Carlos (JC) joined the TLC team as a systems project manager with over 18 years of experience in telecommunications and construction administration. After receiving his bachelor's degree in mechanical engineering, JC realized his true passion is in communications and technology and built his career in this field. JC's proficiency in thorough designs and effective communication make him an expert at synthesizing information to achieve successful solutions that meet clients' needs. In his current role, he is responsible for completing the design of projects on time and within budget.

#### EXPERIENCE

##### **Boca Raton Regional Hospital IS Facilities Assessment, Tech Master Plan, Boca Raton, Florida**

- Technology systems facilities assessment consisting of I.S. systems, clinical/biomed systems, facilities systems, and a visioning session

##### **Broward Hospital Medical Center Facility Assessment, Fort Lauderdale, Florida**

- System assessment, facility deficiency correction budget and cost forecast for the main hospital campus, north and south central energy plants, atrium building and medical office building. Assessment to address code compliance, capacity, conditions and useful life of major infrastructure components. 2017 / MEP / FP / AV / Voice-Data / Security

##### **Port Miami, D and E Terminal Assessment and Renovation, Miami, Florida**

- Assessment and renovations for Terminal D and E, including new passenger bridge extensions and a new two-story infill building, with relocation of water service and electrical conduits and LEED Consulting and Commissioning. Additional services encompass signed and sealed drawings for the FDOT grant final approval. Certified LEED ID+C 2009 Silver. \$6.4 million

#### EXPERIENCE CONTINUED

##### **City of Miramar Public Safety Building, Miramar, Florida**

- The project consists of MEP/FP and Technology design for a new public safety complex of approximately 25,000 square feet. The facility includes evidence storage, and office areas. 25,000 sf

##### **City of Sunrise Municipal Complex, Sunrise, Florida**

- Multiple building complex including 100,000 sf city hall building, water park, amphitheater and 800-car parking garage. \$40 million / 371,000 sf

## PERSONNEL QUALIFICATIONS

### Michael J. Kravit | President

#### EDUCATION

- University of Miami
  - Bachelor of Architecture, 1978
- University of Miami
  - Graduate Work, Urban and Regional Planning Classes, 1978

#### PROFESSIONAL EXPERIENCE

##### Gamble Gilroy Martin, 1979-1981

- Architect: Responsible for the design and production of multimillion-dollar educational projects.

##### Deeter Ritchey Sipple, 1981-1985

- Senior Project Manager: Responsible for the design and production of multimillion dollar institutional, educational and medical projects.

##### Kravit Architectural Associates, Inc., 1985-present

- President: Mr. Kravit, founded the firm in 1985, has been responsible for design of numerous types of building types of buildings including complex university engineering buildings, medical facilities and single-family residences.

#### ACADEMIA

- Adjunct Instructor of Architecture at Palm Beach College
  - Materials & Methods of Construction
  - Architectural Drafting
  - Construction Documents

#### PROFESSIONAL AFFILIATIONS

- American Institute of Architects (AIA)
- National Fire Protection Association (NFPA)

#### CERTIFICATIONS

- National Council of Architectural Registration Boards (NCARB) Certified

#### CONTACT

michael.kravit@kravit.net  
561.893.0042  
www.kravit.net

#### BACKGROUND

Mr. Kravit is a licensed Architect in the states of Arizona, California, Florida, Georgia, Louisiana, Maryland, District of Columbia, Texas, Tennessee, Colorado, Virginia, New Jersey, New York, Connecticut, North Carolina, South Carolina, Oklahoma, Ohio, Kentucky, Idaho, Montana and Massachusetts. He is an expert certified by the National Fire Protection Association (NFPA) in Life Safety regulations pertaining to fire safety of the public in all types of buildings. Mr. Kravit has served as an expert architect in Federal, Circuit and County court.

#### REPRESENTATIVE PROJECTS

##### University of South Florida

- School of Engineering and Computer Science
- Project Cost: \$5,000,000 Facility

##### Prototype High School "HHH"

- Design of a prototype Senior High School
- Project Cost: \$15,000,000

##### HUD CIAP Modernization

- Renovation and Modernization of 240 low income housing units.
- Project Cost: \$3,000,000

##### Mount Sinai Medical Center

##### Cardiac Rehabilitation Facility

- Five Story Blum Building
- Project Cost: \$8,000,000

##### United States Post Office

- Design of Branch Post Office
- Project Cost: \$5,000,000

##### Florida Medical Center

- Master Plan.
- Project Cost: N/A

##### Yamato Office Center

- 3-Story 90,000 sf Office Building
- Project Cost: \$6,000,000

##### Heron Bay Office Building

- 3-Story 50,000sf Office Building
- Project Cost: \$4,000,000

##### Hagan Ranch Retail Building

- 45,000sf Retail Shopping Center
- Project Cost: \$2,000,000

#### REPRESENTATIVE PROJECTS CONTINUED

##### Fountains of Miramar

- 340,000sf Retail Shopping Center
- Project Cost: \$15,000,000

##### TSO Office Building

- 15,000sf office building
- Project Cost: \$1,250,000

##### St. Andrews Village Square Retail Center

- 26,000sf Retail Shopping Center
- Project Cost: \$1,200,000

##### Sandoway House Historic Preservation

- Master Plan.
- Project Cost: \$1,500,000

##### Blum Residence

- Project Cost: \$3,500,000

#### EXPERT TESTIMONY

##### Federal Court

- Southern District of Florida
- Copyright infringement

##### Circuit Court

- Dade, Broward, and Palm Beach Counties (Florida)
- Personal Injury, Construction Litigation

#### SPECIAL APPOINTMENTS

##### City of Davie, Florida

- Site Plan Review Board
- Professional Appointment

##### City of Davie, Florida

- Unsafe Structures Board – Site Plan Board
- Professional Appointment

##### State of Florida

- Florida Building Commission – Technical Advisory Committee
- Professional Appointment to Technical Advisory Committee to participate in authoring of the Florida Building Code.

##### Town of Highland Beach, Florida

- Code Enforcement Board
- Professional Appointment





## PERSONNEL QUALIFICATIONS

### Michael Lagana | Florida Regional Manager



#### EDUCATION

- Lemoine College
  - Industrial Business

#### PROFESSIONAL AFFILIATIONS

- C.E.I. Certified Inspector #527
- NAESA - National Association of Elevator Safety Authorities

#### CONTACT

Michael.Lagana@LerchBates.com  
www.lerchbates.com

#### BACKGROUND

Michael Lagana, Regional Manager of Florida, began working for Lerch Bates in 2010. He is currently working in the Lerch Bates Florida Office providing vertical transportation consultant as oversight of other Florida Based Consultants and Field Inspectors. Previously, Michael worked for a major international elevator company in Illinois, Atlanta and Florida in various roles included Account Management, Project Management, Modernization Operations Management and Service Management capacities.

#### PROJECT RESPONSIBILITIES

As Regional Manager and Consultant, Michael is responsible for the following functions:

- Vertical Transportation System Studies and Life Cycle Review
- Design, Contract Documents, and Construction Management Services for the Vertical Transportation
- Vertical Transportation Maintenance Evaluations
- Due Diligence / Pre-Purchase Studies
- Elevator Contractor and System Problem Resolution
- Elevator Contractor Maintenance and Service Management (subject matter expert for owner in managing Contractor performance)
- Value Engineering Analysis

#### EXPERIENCE

- Orlando Airport (100+ units)
- Le Parc Naples (3 units)
- Memorial Healthcare S. Florida (100+ units)
- Tampa General Hospital (50+ units)
- Swan and Dolphin Resort Orlando (50+ units)
- St. Pierre Naples (4 units)
- Claridge Naples (5 units)
- Trieste Naples (6 units)
- Orange County Orlando Facilities (50+ units)
- Longboat Key Club Sarasota (8 units)
- Marriott World Center Orlando (30+ units)
- Regency House Sarasota (2 units)
- Suntrust Center Downtown Orlando (22 units)
- Vizcaya Condominium Indialantic (2 units)
- Bank of America Downtown Orlando (19 units)
- Constellation Condominium Cocoa (3 units)
- Wells Fargo Center Jacksonville (19 units)
- Monte Carlo Condominium Tampa (5 units)
- Marriott Miami Biscayne Bay (19 units)

#### EXPERIENCE CONTINUED

- Island Pointe Condominium Merritt Isl. (8 units)
- Marriott Tampa Water Street (16 units)
- The Pierre Sarasota Condominium (3 units)
- 100 N Tampa (16 units)
- Buttwood Cove Condominium (4 units)
- St. Vincents Hospital Jacksonville (12 units)
- Naples Continental Club (3 units)
- Verizon Tampa (12 units)
- Baypointe Naples Cay Condominium (4 units)
- Wells Fargo Tampa (8 units)
- Provence of Naples Condominium (4 units)
- Sheraton Sand Key (6 units)
- Gulf and Bay Condominium Sarasota (12 units)



## PERSONNEL QUALIFICATIONS

### Frank Williams, Jr. | Senior Consultant



#### EDUCATION

- Florida State University
  - Bachelor of Science, Marketing

#### CONTACT

Frank.Williams@LerchBates.com  
954.809.8985  
www.lerchbates.com

#### BACKGROUND

Mr. Frank Williams, Jr., Senior Consultant, began working for Lerch Bates in 2016. Mr. Williams (Frank) is currently working in the Lerch Bates South Florida Office, providing vertical transportation consulting services for clients. Previously, Frank was Regional Modernization Manger for Otis-Florida. Prior to Otis, Frank was Principal-Owner of the largest Independent Elevator Company in South Florida, Executive Elevator Service.

#### PROJECT RESPONSIBILITIES

As Senior Consultant, Mr. Williams is responsible for the following functions:

- Code Inspections
- Code Analysis
- Specification Drafting
- Auditing Existing Service Contractor's Service Level of Equipment
- Modernization/Upgrade Planning, Specifications and Project Management
- Capital Planning and Budgeting Assistance
- Bidding Services
- Portfolio Maintenance Management. Managing Service agreement(s) and Contractor(s) for owner

#### EXPERIENCE

- One Hotel & Residences, Miami Beach, FL
- Castle Beach Club Condominium, Miami Beach, FL
- Carriage House Condominium, Miami Beach, FL
- Bascom Palmer Eye Institute, Miami, FL
- 5660 Condominium, Miami Beach, FL
- Carriage Club North Condominium, Miami Beach, FL
- 801 Brickell Avenue, Miami, FL
- 777 Brickell Avenue, Miami, FL
- Marina Park Hotel, Miami, FL
- Omni Building, Miami Beach, FL
- Corporate Center, Fort Lauderdale, FL
- University of Miami Law School, Coral Gables, FL
- Seminole Tribe of Florida (Taft Buildings), Hollywood, FL
- Emerald Bay at Key Colony, Key Biscayne, FL
- Ocean Sound at Key Colony, Key Biscayne, FL
- Botanica at Key Colony, Key Biscayne, FL
- Brickell Townhouse Condominium, Miami, FL
- Coconut Grove Playhouse, Coconut Grove, FL
- Winston Towers 100, Sunny Isles Beach, FL
- Winston Towers 300, Sunny Isles Beach, FL

#### EXPERIENCE CONTINUED

- 12550 Biscayne Blvd., Miami, FL
- Surfside Towers, Surfside, FL
- Surf House, Surfside, FL
- Dezerland Hotel, Surfside, FL
- 255 Alhambra, Coral Gables, FL
- Marriott Biscayne Bay, Miami, FL
- Marriott Harbour Beach, Fort Lauderdale, FL
- The Palace Condominium, Miami, FL
- 355 Alhambra Circle, Coral Gables
- Key Biscayne Ambassador, Key Biscayne, FL

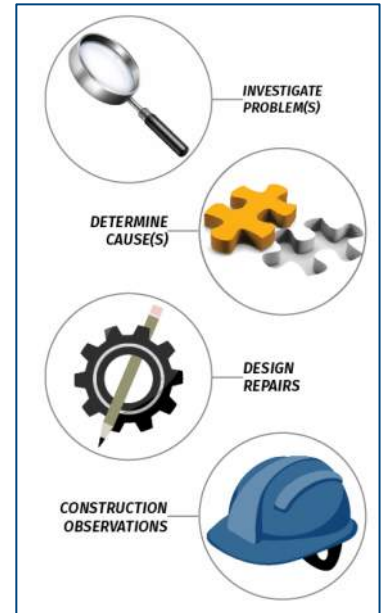


### Project Approach

WJE follows the principle that delivering better solutions requires a better understanding of the problem. The phrase “Ask the Structure” states this philosophy in a simple manner. From the start, WJE has brought a hands-on technical approach, comprehensive testing capabilities, and an enthusiasm for problem-solving to each construction challenge. It is WJE’s core principle that, by gaining a detailed understanding of each structure’s unique attributes, practical, innovative, appropriate, and technically sound solutions to structural, architectural, and material problems can be developed.

To apply our philosophy of “Ask the Structure” to the City of Hollywood parking structures, it will be critical to develop an understanding of the current condition, the typical and unique construction details, and the nature and extent of deterioration in each of the parking structures covered by this RFQ.

As such, we will review available documentation regarding the design, condition, and repair of the structures; perform full visual surveys of each structure; and will perform delamination surveys of the slab top surface at selected locations where concrete deterioration is apparent or is suspected. If these surveys indicate that further testing is required, such as examination and testing of concrete samples or non-destructive testing, we will also perform the additional testing needed. The information obtained during the course of these tasks will enable us to develop an understanding of the current condition of the parking structures, so we can prioritize the potential work items, work areas, and parking structures in an appropriate manner, and can develop a range of repair approaches that are appropriate for each structure and its unique conditions. Through clear communication, WJE will minimize change orders and complete the project on budget and on schedule.



### Communication

While WJE develops a custom approach for each of our projects depending on the characteristic of the project at hand, our primary approach to solving problems in structures and delivering repair, rehabilitation, and restoration projects is to conduct a thorough investigation of the problem(s), determine their cause(s), and design cost-effective repairs that will require minimal maintenance in the future. Repairs are intended to solve the technical problems while also conforming to the appropriate aesthetic. In addition to the technical and aesthetic problems involved in developing appropriate repair or replacement options, the logistics of the project, as well as the repair budget, require special attention. Repair procedures should minimize disruption to the activities of the tenants while completing the project in the least time period. Sometimes, phasing of work is required to limit disruption, to increase efficiency, or to tailor the repairs to meet the available budgets.

WJE typically recommends trial repairs or in-situ mock-ups to evaluate different repair options, to confirm the performance of repairs, and to review aesthetic aspects prior to full-scale implementation. During the mock-up, not only can the aesthetic character and function of the proposed repairs be evaluated, but the performance as well.

### Assessment

In keeping with our philosophy of “Ask the Structure”, the evaluation methods to be used at each of the three City of Hollywood parking structures will vary, depending on the structural system for each parking garage, and the condition and distress observed at each facility. Therefore, the scope of work for the engineering investigation of each parking structure will be tailored to that particular structure’s condition and issues. Nonetheless, the first step in our “Ask the Structure” approach to these three parking garages will be to review all available documentation of the construction, maintenance and repair of these structures, followed by a detailed visual survey of all exposed surfaces, and a delamination survey at representative and appropriate locations. WJE seeks to develop a better solution through a deeper understanding of the problem and through that we can offer a wider range of solutions and empower the City with flexibility.

To enhance data collection techniques, WJE developed Planannotate®, a software application to annotate inspection data onto PDF’s. The software, which has been extensively field tested, provides real-time data sharing to enable inspectors to work in concert together. This software provides a simple, powerful tool to assist with the inspection of the existing assets with minimal setup by utilizing existing plans or even photos taken onsite (Figure 2). The inspectors’ data is stored in an open mapping data format that allows for simple aggregation and analysis in programs like Excel (Figure 3). Thus, the inspector has lightweight and helpful inspection software to use all day, while providing the asset program managers near real-time access to organized data that can be reviewed for quality control or assurance purposes and directly exported to meet client requirements.

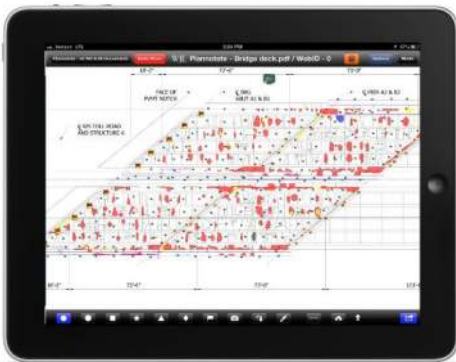


Figure 2. View of a bridge deck with deterioration annotated with the 2D+1 software.



Figure 3. Direct XML import into Excel for data analysis



### **Field Work with Covid-19**

At WJE, we are continuing to take every reasonable measure to ensure the health and safety of our employees and their loved ones while also trying to do our part to mitigate the spread of the Covid-19. Our team intends to visit the Property safely and responsibly by following guidance from the Centers for Disease Control and Prevention (CDC), local authoritative sources, and comprehensive in-house developed COVID-19 safety guidelines and protocols. In brief, we will follow safety measures, including keeping at least 6 feet of distance from others, and wear a mask/face-covering in all public settings. We understand that potential work that must be performed from access equipment, such as lifts or small swing stages, challenge social distancing protocols but will strive to adhere to distancing protocols even in these types of situations. Currently, there are no guidelines from the CDC or other advisory entities for protocols for work that meet this criterion. As such, we all must exercise our best judgment in these situations, taking into consideration all aspects of the current crisis, our personal safety, and the safety of others.

### **Laboratory Evaluation**

Once the field assessment is complete, (if necessary) samples from the project site will be sent to WJE's state-of-the-art laboratory for evaluation, as necessary, to assist in determining the root cause(s) of the distress, deterioration, or damage to the structure. These laboratory evaluations can include material characterization, chloride testing, petrographic analysis, chemical analysis, structural testing, and others.

### **Analysis**

WJE will analyze the field-collected data and laboratory results to understand the condition of the structure and its distress. In this step of the project, the project team will bring to bear the expertise of more than 700 engineers, architects, and material scientists at WJE, as appropriate, to determine the root cause and to develop conceptual solutions and designs.

### **Reporting and Recommendations**

At this stage of the project, WJE prepares a report of the findings of the field assessment, laboratory evaluations, and the analyses for the client. This report includes conceptual solutions and designs to repair or rehabilitate the structure as well as an opinion of probable cost for each conceptual design. WJE will utilize the findings from a review of existing conditions to develop a range of recommended repair and maintenance items for review with the City of Hollywood. These will each include the projected cost, life expectancy of the structure, down time of the structure, and other factors which may impact the City's decision. The listing will include repair and maintenance items for both short term (0 - 5 years) repairs and for long term maintenance and repair of this facility. WJE makes recommendations in the report based on our prior experience with similar conditions, but the decision to move forward into the next step of the project—design development—will lie with the City.

### Detailed Cost Estimation

WJE has a track record of providing complete, accurate, and current Engineer's Opinions of Probable Costs (EOPCs), or cost estimates. Key to this process is the early identification of the correct scope of work. During the initial stages of a project, WJE works closely with the owner to develop the project objectives and to help the owner establish a realistic construction budget. WJE has excellent past performance in correctly developing project scopes and in controlling "scope creep."

Our cost estimates are based on thousands of projects nationwide and tailored to the South Florida market. WJE has an extensive database of construction costs of similar projects which to compile our cost estimates. WJE also works closely with several South Florida contractors to compile approximate unit cost data for specific work items and conceptual scope of work. Construction cost data from the latest edition of RSMMeans may also be utilized for other work items outside of our in-house database.

### Develop Construction Drawings and Documents

If the City decides to move forward into design development, WJE will prepare detailed design drawings and project specifications for the conceptual solution chosen by the City. Generally, at approximately 60% of design development, these construction documents (drawings and technical specifications) will be released for bid by construction contractors. During the bidding process, WJE will continue to develop the design, issuing for the City's review/feedback at 75% and 95% iterations. Once all feedback has been incorporated into the design, we will issue a set of 100% construction documents prior to the execution of a construction contract. Before commencement of work by the contractor, WJE will develop a plan for construction observations as a part of the quality control/quality assurance process. Throughout WJE's 64-year existence, this project approach has served clients well as they seek to repair, rehabilitate, restore, and extend the service life of their structures.

### Construction Phase Services

WJE regularly provides construction administration services for projects in which we were involved with the investigation and repair design development. Our involvement in the construction phase of the project allows us to better control the outcome the project. By being involved with the project during the early phases, we have a clearer understanding of the necessary repairs and the steps that must be followed to successfully reach our goals. The project team is then in a better position to convey the needs of the client to the contractor.

### Quality Assurance Plan

WJE assures quality control through a consistent technical review and checking process applied to the project. This is standard practice on all WJE projects. The assigned project manager will be responsible, in consultation with the client's project manager, for setting up a formal project/task assignment, performance review, and reporting procedure. This will include both WJE and subcontractor personnel. All work will be reviewed and reported on a regular basis to avoid pitfalls and to make certain that the objectives of the given effort are met in a timely and cost-effective manner. A QA program will be custom tailored to the requirements of this project for use by all concerned personnel.



### **Budget and Cost Control Methods**

With more than sixty years of experience providing rehabilitation services for existing structures, WJE has developed the requisite expertise to provide clients sound advice relative to cost and schedule implications for repair and rehabilitation projects.

Prior to design development, WJE works closely with the owner to develop project objectives and lay out a methodology for completing an accurate condition survey of the existing structure and its problems. The experience WJE has developed from the successful completion of more than 70,000 similar projects allows WJE to anticipate problems that might not be intuitive to other engineering service providers. This unique insight into structural, architectural and material performance of existing structures can be utilized to better identify the cause and scope of a problem during the condition survey phase.

During the schematic and preliminary design phases of the project, WJE may develop several mitigation concepts that satisfy the overall project objectives initially established. These concepts are compared on the basis of several factors including, but not limited to construction cost, ease of construction, construction duration, disruptions to the owner/user, historic preservation impacts, ADA requirements, and others to determine the best course of action.

Once a design concept has been chosen and the project moves into the final design and construction document phases, WJE continues to control construction costs and schedule by using proven rehabilitation techniques in developing the final design. One of the key elements to controlling cost and schedule is the development of appropriate bidding documents that allow for solicitation of contract pricing for potential unforeseen conditions. With a long history of providing repair and rehabilitation designs, WJE has a unique insight to anticipate potentially adverse conditions that may arise during construction.

Since unforeseen conditions can arise during the rehabilitation of existing structures, WJE works with the owner and contractor throughout the construction phase of a project to develop cost-effective solutions in a timely manner in order to maintain the construction schedule.

Cost and schedule maintenance is a process that evolves throughout the project from initiation through final close-out. The key to WJE's success in maintaining adequate cost controls and avoidance of disruptive scheduling delays is our approach to projects which is based on our founding principle that delivering better solutions requires a better understanding of the problem.

## Additional Relevant Services

### Corrosion and Service Life Modeling

Corrosion is a common contributing element to structural failure—an insidious process affecting both structural and aesthetic integrity. Because there are many factors that contribute to corrosion, clients rely on WJE’s experience, technology, and lessons learned from thousands of corrosion investigations to determine the cause(s) of corrosion, to evaluate the potential consequences for structural performance, and to identify and design the most effective and economical means to mitigate the problem.



WJE has significant experience assessing corrosion-related deterioration in a variety of materials, structure types, and environments—including reinforced concrete, structural metals, and piping. WJE uses extensive in-house field and laboratory testing and modeling capabilities to detect and assess corrosion. Whether evaluating corroded reinforcing bars in a concrete bridge deck, or section loss in a weathering steel beam, or premature failure of water supply system, WJE’s comprehensive chemical and physical testing capabilities provide clients with information to make sound design or repair decisions.

In addition to mitigating current corrosion issues, WJE can project the likely rate of corrosion over time using models developed from data collected through visual inspections, sampling, and laboratory testing. Service life modeling allows clients to adequately prepare for their structure’s future repair and maintenance needs (Figure 4).

With over thirty years of hands-on research experience for both private-sector and government clients, WJE is well-equipped to diagnose and counter the effects of corrosion.

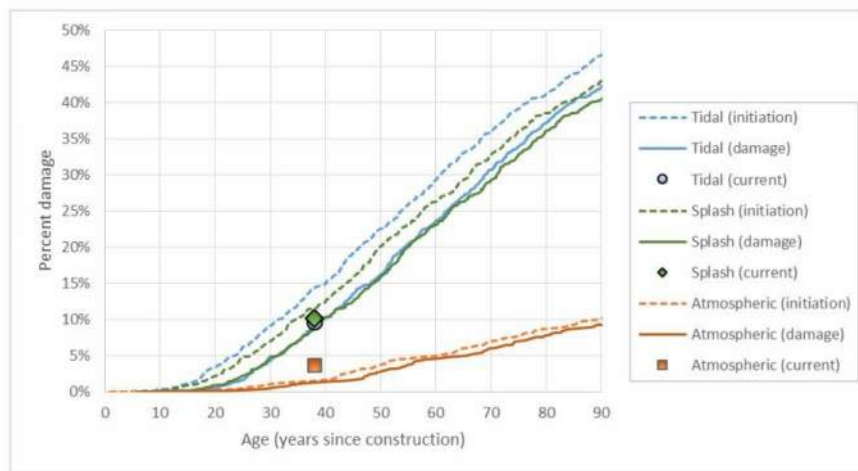


Figure 4. Example of service life model prediction graph

### Benefit to the City of Hollywood

Prior to our submission, WJE walked the parking deck of all three structures to gain an initial understanding regarding the existing conditions at each structure and understand their general construction. WJE did not observe evidence of extensive corrosion at any of the three garages, which is not particularly surprising given their age and construction. Accordingly, The City may benefit from a deeper dive into the corrosion mechanisms taking place below the surface of the concrete, especially the Garfield Garage given its proximity to the beach and exposure to chloride ions from salt spray. This deeper dive could empower the City by providing information on the current rate of deterioration and numerically predict when the corrosion may begin to cause problems. This will allow the City to make better informed decisions regarding future capital improvement budgets and implement appropriate maintenance and mitigation strategies to prevent future issues. Last this deeper understanding will provide information that may allow the city to appropriately defer maintenance to structures that do not warrant immediate attention.



Figure 5. Garfield Street Garage



Figure 6. Van Buren Garage



### Nondestructive Evaluation

When there are uncertainties surrounding a structural, architectural, or materials issue, testing is a crucial step toward understanding its scope and source. Traditional testing methods, though often effective, can be physically intrusive, time-intensive, and costly. Alternately, nondestructive evaluation methods allow for the assessment of as-built conditions, material properties, and distress in a component or system without altering or damaging its form. Used in lieu of or in tandem with traditional testing, these methods can provide valuable information.



WJE has pioneered the use of nondestructive evaluation methods—such as ground penetrating radar, impact echo testing, half-cell corrosion potential surveying, and infrared thermography—in civil, structural, and architectural investigations. WJE’s depth and breadth of experience evaluating thousands of structures and materials using nondestructive methods are unmatched.

From identifying complex reinforcement placement and internal flaws in nuclear power structures to detecting air leakage and moisture infiltration in historic building envelopes, WJE offers a wide range of nondestructive evaluation options to efficiently diagnose issues that otherwise may require expensive and disruptive exploratory openings and testing to detect and correct.

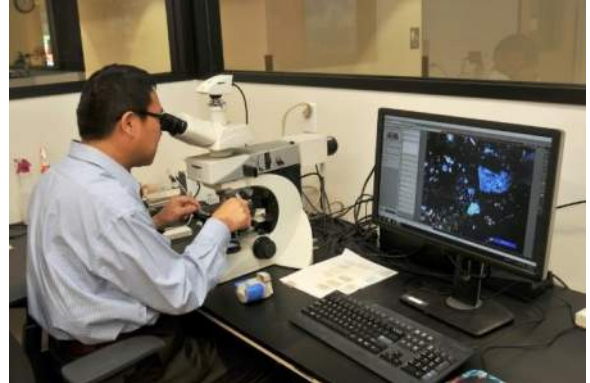
In addition to minimizing costs and time spent out of service, nondestructive evaluation techniques allow WJE engineers to gain a broader understanding of a structure’s condition and performance—information WJE uses to develop better targeted and more effective recommendations for clients.

### Benefit to the City of Hollywood

Nondestructive evaluation techniques are key to WJE’s deeper understanding of the existing condition of the garages, and WJE uses tools such as GPR and acoustic sounding as part of our routine concrete assessment. However, WJE has also used our nondestructive testing to help solve more complicated problems. For example, in 2015 when a spall fell from a 9-story precast façade panel, WJE (led by Project Manager Brian Calderone) was asked by the County of Allegheny and the City of Pittsburgh to identify the root cause of the spall. It was determined that the spall was caused due to an issue with ungrouted mechanical splice sleeves at joints between the precast panels from original construction (13 year earlier). WJE was then tasked with identifying any other ungrouted splice sleeves on the garage. To do this, WJE used a combination of nondestructive evaluation techniques, including phased array shear wave ultrasonics, GPR, and video borescope to determine what locations had issues. While such dramatic services are not currently anticipated on the City of Hollywood’s project, WJE’s in house NDT services provide significant benefit for deeper investigations and quick problem-solving during assessment and constructions.

### Petrographic Examination

Petrography is a specialty branch of geology with a long history of use in the study of construction materials. WJE has petrographic capabilities in Northbrook, Austin, and Cleveland. Materials routinely studied using petrographic methods include concrete, dimension stone, mortar, terra cotta, brick, terrazzo, grout, coatings and membranes, aggregates, specialty concretes, plaster, and stucco and specialty finish systems. During a petrographic examination, a petrographer makes a series of observations in increasingly finer detail, ranging from visual inspection to examination with optical microscopes and, when needed, with a scanning electron microscope.



WJE petrographers have conducted thousands of petrographic examinations. Their experience and knowledge is vital to fully analyzing and understanding materials' qualitative properties. Petrographic examinations, which can often be conducted quickly, yield valuable information about the composition, cause or causes of problems, and potential performance of construction materials. WJE petrographers routinely augment their studies with a variety of physical tests and chemical analyses to help characterize the material and understand its behavior. By performing petrographic examinations, petrographers can determine deterioration mechanisms that help identify the genesis of a problem. The WJE project team uses this information to design suitable repairs to extend a structure's life. Clients rely on WJE petrographers and professionals to specify durable materials and mixtures for new construction that can help limit and avoid future deterioration.

### Benefit to the City of Hollywood

It would be hard to overstate the potential benefit WJE's in-house petrographers bring to the project. Issues from existing concrete, stucco, or coating distress, through evaluation of submitted materials during construction. This deeper knowledge of the materials at hand can be the difference between knowing that there is a problem, and knowing why there is a problem, what caused it, and what can be done to fix it.

For example, at the Van Buren Garage there is cracking and distress in the EIFS banding along the perimeter of the precast garage panels. WJE petrographers (and other WJE material scientist at our laboratory) can review samples of this cracking and better determine the factors leading to the distress. While some consultants may see the symptom and prescribe a remedy, WJE can diagnose the disease and develop a cure. This allows WJE to develop the right approach, the first time, and repeat the same repair mistakes over and over, thus providing substantial potential savings to the City.



Figure 7. EIFS Cracking at Van Buren Garage

### The WJE Difference

**We Work Safely** - Safety is our first priority. Everyone at WJE is responsible for safety. We believe that a safety program cannot be effectively implemented by any single person or even a designated group of individuals. In our culture, every WJE employee (regardless of position) is fully empowered to take whatever action necessary to ensure their personal safety and the safety of their coworkers. WJE strives for a safe, accident-free work environment. Planning for a safe work environment begins at the proposal stage and continues throughout the lifecycle of our projects. We integrate our efforts with the safety programs and requirements of our clients. A dedicated team of full-time WJE safety professionals is always available to support and provide counsel to our staff for the safe execution of our projects. Despite the hands-on, and potentially hazardous nature of our work, our approach to safety has led to us recently passing **6 years and 6.8 million employee hours without a lost-time injury**.

**We Listen** - WJE takes the time to discuss and understand each project's unique characteristics and then customizes our approach to best achieve the client's specific goals. While WJE's technical capabilities are vast, not every project requires the full arsenal of what we can offer. We are motivated to solve our clients' problems in the most efficient and technically sound ways possible and are not interested in using techniques that are unnecessary for the task at hand.

**We Are Experts** - WJE tirelessly recruits, attracts, and works to retain the best and brightest professionals in the industry. Accordingly, WJE has industry-leading and globally recognized experts in nearly every building material, evaluation/testing approach, and design methodology. **More than two thirds of our professional staff have advanced college degrees (masters or PhD)**. To further our expertise, WJE's staff regularly participate in external and internal continued education and training. Every year, our staff attend over 250 conferences, and they chair or have other leadership roles in over 75 organizations and committees.

**We Work Together** - Our clients benefit from our ability to quickly and easily share information across the company. Since we eagerly take on the most challenging assignments the built world has to offer, WJE staff members routinely work with colleagues in other offices to consult on jobs located throughout the country. This strong internal network allows us to efficiently identify the **right people for the task at hand**.

**We Ask the Structure** - We are able to leverage our vast experience, state-of-the-art equipment, and staff of experts to truly understand the condition of a structure, **identify the root cause(s) of the issue at hand**, and (if necessary) develop practical, efficient options for achieving the client's objectives. This deeper understanding allows us to provide significant benefit to our clients including:

- More accurate assessments of actual existing conditions which lead to more effective and efficient repair and maintenance strategies
- More repair options for the consideration of the client
- Cost effective repair options by more efficiently targeting only what needs to be fixed
- More durable repair options by addressing the mechanism(s) causing the distress



**We Think Outside the Box** - WJE aspires to consistently deliver practical, innovative, and technically sound solutions—**solutions that are better than those provided by others, better than our clients expect, and better than we have delivered before.** Technical mastery of our practice areas allows us to avoid the constraints and costs that often come from excessive reliance on convention and conservatism. Understanding the limitations of common codes and standards allows us to apply them properly and to effectively deal with situations where common, standard approaches are not very efficient. Our expert based, first principles approach to consulting helps clients identify value in their structures that more conventional, conservative approaches would discount or even overlook, which often results in the saving of substantial resources. WJE's creativity has been the subject of many technical papers and presentations, the source of industry-wide changes in codes and standards, and the basis of understanding countless structural failures.

**We Provide Options** - We recognize that our clients must consider numerous non-engineering factors when making decisions about their structures. Therefore, we strive to inform our clients of all reasonable options and to develop a range of solutions that deliver value across a number of factors (e.g., cost, schedule, impact on operations, durability, safety, master planning). This **approach empowers our clients** to evaluate the big picture and select the repair approach that best suits their needs.

**We Are Responsive** - Given the nature of our work, **it is common for WJE to mobilize quickly, at all hours of the day, to all parts of the country, and (when necessary) in large teams.** No matter how big or how small the project, WJE professionals bring the same unbridled enthusiasm and commitment to every client and assignment. WJE has a proud history of meeting the demands of our projects and exceeding the expectations of clients.

- WJE has also provided 24-hour response teams to many national and natural disasters, including:
- Hurricanes Katrina, Wilma, and Rita in 2005 (800 projects – 2,000 structures)
- Hurricane Andrew in 1992 (200 projects – 1,000 structures)
- TWA Flight 800 in 1996
- The World Trade Center Bombing (1993)
- The World Trade Center Collapse (2001)

WJE has substantial experience mobilizing quickly for and coordinating large-scale projects utilizing staff from numerous WJE offices, including:

- I-35W Bridge Collapse investigation in Minneapolis, MN in 2007 (and many other failures): WJE had engineers in place and beginning the assessment within 24 hours of the collapse
- Stem-to-stern safety audit for the entire Boston Big Dig Highway System following the fatal ceiling collapse in the I-90 connector tunnel: WJE had mobilized more than 60 professionals to examine over 66 lane miles of bridges, tunnels, and related structures in less than 90 days and with minimal disruption of normal operations.

### TAB D - REFERENCES

#### References

Issue Date \_\_\_\_\_

### REFERENCE QUESTIONNAIRE

It is the responsibility of the contractor/vendor to provide a minimum of three (3) similar type references using this form and to provide this information with your submission. Failure to do so may result in the rejection of your submission.

Giving reference for: Wiss, Janney, Elstner Associates, Inc.

Firm giving Reference: CUYAHOGA COUNTY DEPT. OF PUBLIC WORKS

Address: 2079 E. 9th ST, CLEVELAND, OH 44115

Phone: (216) 348-3841

Fax: \_\_\_\_\_

Email: smilligan@cuyahogacounty.ohio.gov

1. Q: What was the dollar value of the contract?

A: \$ 865,000.00

2. Have there been any change orders, and if so, how many?

A: (2) CHANGES TO CONTRACT VALUE AS SCOPE OF REHABILITATION OF PARKING STRUCTURE INCREASED.

3. Q: Did they perform on a timely basis as required by the agreement?

A: YES

4. Q: Was the project manager easy to get in contact with?

A: EXTREMELY RESPONSIVE.

5. Q: Would you use them again?

A: YES. CUYAHOGA COUNTY CONTINUES TO UTILIZE WJE FOR SERVICES

6. Q: Overall, what would you rate their performance? (Scale from 1-5)

A:  5 Excellent  4 Good  3 Fair  2 Poor  1 Unacceptable

7. Q: Is there anything else we should know, that we have not asked?

A: WJE IS HIGHLY PROFESSIONAL, RESPONSIVE & AN OVERALL GREAT FIRM TO WORK WITH. YOU WILL BE HIGHLY SATISFIED WITH THEIR TEAM!

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Name: SUSAN KASE MILLIGAN

Title: SR. PROJECT MANAGER  
DEPARTMENT OF PUBLIC WORKS

Signature: *SMilligan*

Date: 6/8/20

Project description provided in associated Huntington Park Garage project profile located in Tab B under relevant experience



Issue Date \_\_\_\_\_

### REFERENCE QUESTIONNAIRE

It is the responsibility of the contractor/vendor to provide a minimum of three (3) similar type references using this form and to provide this information with your submission. Failure to do so may result in the rejection of your submission.

Giving reference for: Wiss, Janney, Elstner Associates, Inc.

Firm giving Reference: CBRE/JCI

Address: 6501 LEGACY DR. PLANO TX 75023

Phone: 214-416-7050 (C) 972-476-0260 OFFICE

Fax: \_\_\_\_\_

Email: James.Simpson3@CBRE.COM

1. Q: What was the dollar value of the contract?  
A: (2) CONTRACTS > \$250K

2. Have there been any change orders, and if so, how many?  
A: YES, MINOR CHANGE REPRESENTING NONE VALUE

3. Q: Did they perform on a timely basis as required by the agreement?  
A: YES, ABSOLUTELY

4. Q: Was the project manager easy to get in contact with?  
A: YES, VERY PROFESSIONAL

5. Q: Would you use them again?  
A: YES, STILL DO

6. Q: Overall, what would you rate their performance? (Scale from 1-5)  
A:  5 Excellent  4 Good  3 Fair  2 Poor  1 Unacceptable

7. Q: Is there anything else we should know, that we have not asked?  
A: SUBJECT MATTER EXPERTS (WJE)

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Name: J R Simpson Title: Site MANAGER

Signature: [Handwritten Signature] Date: 6/8/2020

Project description provided in associated JC Penney Corporate Headquarters Parking Garage project profile located in Tab B under relevant experience

Issue Date \_\_\_\_\_

### REFERENCE QUESTIONNAIRE

It is the responsibility of the contractor/vendor to provide a minimum of three (3) similar type references using this form and to provide this information with your submission. Failure to do so may result in the rejection of your submission.

Giving reference for: Wiss, Janney, Elstner Associates, Inc.

Firm giving Reference: Cushman & Wakefield

Address: 505 N. 7th Street St. Louis Mo. 63101

Phone: 314-368-7972

Fax: \_\_\_\_\_

Email: michael.sprigg@cushwake.com

1. **Q:** What was the dollar value of the contract?

**A:** Ranged from 250K - 600K per year.

2. Have there been any change orders, and if so, how many?

**A:** We typically did not need change orders with our project.

3. **Q:** Did they perform on a timely basis as required by the agreement?

**A:** Yes, Annual garage surveys and project visits during projects.

4. **Q:** Was the project manager easy to get in contact with?

**A:** Yes, I typically work with Jim Donnelly directly.

5. **Q:** Would you use them again?

**A:** We do still use WJE for our engineering studies and repairs in our garage.

6. **Q:** Overall, what would you rate their performance? (Scale from 1-5)

**A:**  5 Excellent  4 Good  3 Fair  2 Poor  1 Unacceptable

7. **Q:** Is there anything else we should know, that we have not asked?

**A:** They have been accomodating, knowledgable and freindly. I have worked with them for 5 years and our firm for more than 10 years.

The undersigned does hereby certify that the foregoing and subsequent statements are true and correct and are made independently, free from vendor interference/collusion.

Name: Michael Sprigg Title Project Manager

Signature: Michael Sprigg Date: 5-8-2020

Project description provided in associated US Bank Plaza Garage project profile located in Tab B under relevant experience

**Litigation**

**FIVE-YEAR LITIGATION HISTORY**

WJE is involved in over 7,000 contracts per year. As a consequence of these contracts, WJE is brought into a variety of lawsuits. Nevertheless, during the past five years, WJE’s Professional Liability carrier has not paid a single professional liability claim on behalf of WJE. Summary status of professional legal claims/disputes over the last five years are provided below.

Over the last five years, WJE has NOT been involved in any litigation or legal proceedings involving allegations against the firm for false claims or fraud.

WJE has NOT been fined or convicted in any other state or federal litigation or legal proceeding relating to the procurement or performance of any public or private construction project over the last five years.

<b>Claimant</b>	<b>Year</b>	<b>Project Site</b>	<b>Description</b>	<b>Disposition/Status</b>
2 Park Avenue	2013	New York	Third party claimed contribution from WJE for third party’s waterproofing work even though WJE did only structural work.	Pending
American Shores	2014	California	Architect seeks contribution for work on many phased construction project.	Pending
United States ex rel. Davis and Westley	2016	Minnesota	Frivolous whistleblower case against WJE and dozens of other parties claiming coverup on the I-35 bridge collapse in Minneapolis in 2007.	WJE Dismissed
Great Northern Insurance v Academy House	2017	Pennsylvania	Subrogation claim by insurer claiming damage from burst water pipe.	WJE Dismissed
Gilliland v Baptist Health	2017	Arkansas	Worker injured on job claiming WJE directed his work.	WJE Dismissed
Bass v Lord & Taylor	2017	New York	Pedestrian injured by stone falling from façade.	Pending
Fordec Realty Corporation v Travelers	2018	New York	Owner of collapsed garage claims WJE conspired with Travelers to deny its claim.	WJE Dismissed

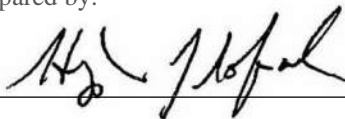


Ledcor v Tamal Vista	2018	California	Third party subcontractors suing WJE for claims relating to window installation.	WJE Dismissed
Gjurra v Third Avenue	2018	New York	Insurance company suing WJE for contribution on claim to worker injured by faulty elevator operation.	WJE Dismissed
Pipovic v Retail Properties of America	2018	Illinois	Employee injured at employer's parking garage suing WJE for negligent repair.	Pending
Pullum v CBRE et al	2018	Illinois	Party injured by debris from contractor's equipment suing WJE and other entities.	Pending
Ersbak v Certain Underwriters and Lloyd's of London	2018	Hawaii	Homeowner claims insurance company and everyone hired by it conspired to deny claim.	Pending
Stone v United Services Automobile Assoc. et al	2020	Hawaii	Homeowner claims insurance company failed to pay claims and WJE damaged property when inspecting home for damage.	Pending
Performance Services Inc v Half Associates et al	2020	Texas	Contractor claims various engineering negligence including failure of WJE to account for scour near a wall.	Pending

**SUSPENSION OR DEBARMENT**

WJE is not presently nor has it ever been debarred, proposed for debarment, or declared ineligible for the contract awards of any state or federal agency.

Prepared by:



Stephen Safranek

Secretary

Dated: May 25, 2020

JUNE 11, 2020



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Greyling Insurance Brokerage 3780 Mansell Road, Suite370 Alpharetta, GA 30022	<b>CONTACT NAME:</b> Jerry Noyola <b>PHONE (A/C No. Ext):</b> <b>FAX (A/C, No):</b> <b>E-MAIL ADDRESS:</b> jerry.noyola@greyling.com
	<b>INSURER(S) AFFORDING COVERAGE</b>
<b>INSURED</b> Wiss, Janney, Elstner Associates, Inc Attn: Sam Barbera 330 Pfingsten Rd. Northbrook IL 60062	<b>INSURER A:</b> Nat'l Union Fire Ins Co of Pittsburgh, PA
	<b>INSURER B:</b>
	<b>INSURER C:</b> New Hampshire Ins. Co.
	<b>INSURER D:</b>
	<b>INSURER E:</b>
	<b>INSURER F:</b>

**COVERAGES**      **CERTIFICATE NUMBER:**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			GL9566221	4/1/2020	4/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Comp/Coll <input checked="" type="checkbox"/> 1,000 ded.			CA5721463	4/1/2020	4/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE/OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC015853342 (AOS) WC015853341 (CA)	4/1/2020 4/1/2020	4/1/2021 4/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

FOR INFORMATIONAL PURPOSES ONLY

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b>  Matias Ormaza

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### TAB E - FINANCIAL CAPACITY

WJE has been in continuous operation since 1956, with a current staff of more than 750 personnel. WJE's ability to staff new assignments over the course of the proposed project duration can be justified by WJE's consistent, yet modest, backlog. In 2019, WJE provided services generating approximately \$183 million in gross revenue. Our backlog of services and pending proposals represents \$58 million in fees or about 32 percent of our annual gross revenues. This backlog allows sufficient flexibility to undertake additional assignments as they occur. Another indicator of WJE's capability to complete multiple, simultaneously occurring assignments is reflected by the number of assignments completed annually by the firm. WJE completes approximately 7,000 billable projects each year. As such, WJE staff are adept at managing their time and commitments to clients while incorporating new work.

WJE maintains a strong financial position with a low debt-to-equity ratio, high cash flows, and an extensive backlog of work. We are an employee-owned C-Corporation with no single employee owning more than 2% of the outstanding stock of the company.

CONFIDENTIAL

WJE

**Wiss, Janney, Elstner Associates, Inc.**

Consolidated Financial Statements and  
Independent Auditor's Report

December 31, 2019 and 2018



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Identifying opportunities.  
Delivering solutions.

## INDEPENDENT AUDITOR'S REPORT

Board of Directors  
Wiss, Janney, Elstner Associates, Inc.

### ***Report on the Consolidated Financial Statements***

We have audited the accompanying consolidated financial statements of Wiss, Janney, Elstner Associates, Inc. (the "Corporation"), which comprise the consolidated balance sheets as of December 31, 2019 and 2018, and the related consolidated statements of operations, comprehensive income, changes in stockholders' equity, and cash flows for the years then ended, and the related notes to the consolidated financial statements.

### ***Management's Responsibility for the Consolidated Financial Statements***

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Corporation's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Corporation's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**Opinion**

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Wiss, Janney, Elstner Associates, Inc. as of December 31, 2019 and 2018, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

**Supplementary Information**

The accompanying supplemental consolidating financial statements in Appendix A are presented for purposes of additional analysis and are not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain other procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the consolidated financial statements as a whole.

*FGMK, LLC*

Bannockburn, Illinois

March 18, 2020



## ASSETS

	2019	2018
<b>ASSETS</b>		
Cash and cash equivalents	\$ 12,699,000	\$ 9,329,300
Receivables	56,220,000	45,716,200
Employee notes receivable	8,704,100	8,566,500
Property and equipment	46,423,200	48,935,100
Goodwill	2,519,400	434,200
Other assets	2,760,300	3,236,500
<b>TOTAL ASSETS</b>	<b>\$ 129,326,000</b>	<b>\$ 116,217,800</b>

## LIABILITIES AND STOCKHOLDERS' EQUITY

<b>LIABILITIES</b>		
Debt	\$ 17,866,700	\$ 16,971,700
Accounts payable	2,648,200	1,837,800
Accrued expenses	32,641,900	27,301,700
Contract liabilities	7,296,500	7,121,000
Deferred income taxes	3,129,800	2,447,400
Postretirement medical benefits	6,558,700	8,145,400
Other liabilities	4,730,800	4,729,300
<b>TOTAL LIABILITIES</b>	<b>74,872,600</b>	<b>68,554,300</b>
<b>STOCKHOLDERS' EQUITY</b>		
Common stock	24,900	24,400
Additional paid-in capital	23,213,700	22,319,000
Retained earnings	29,938,400	25,530,000
Accumulated other comprehensive income (loss)	1,161,000	(318,200)
Noncontrolling interest in affiliate	115,400	108,300
<b>TOTAL STOCKHOLDERS' EQUITY</b>	<b>54,453,400</b>	<b>47,663,500</b>
<b>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</b>	<b>\$ 129,326,000</b>	<b>\$ 116,217,800</b>

The accompanying notes are an integral part of these statements.




**Wiss, Janney, Elstner Associates, Inc.**

Consolidated Statements of Operations

December 31, 2019 and 2018

	<b>2019</b>	<b>2018</b>
<b>REVENUES</b>		
Professional services fees	\$ 183,547,900	\$ 166,160,100
Adjustments to fees	(12,168,200)	(12,089,000)
Net fees	<b>171,379,700</b>	154,071,100
Other revenues	<b>2,153,900</b>	1,575,900
Total net revenues	<b>173,533,600</b>	155,647,000
<b>OPERATING EXPENSES</b>		
Salaries	<b>78,886,800</b>	72,635,300
Employee benefits	<b>22,568,600</b>	20,249,300
Facilities	<b>12,592,100</b>	11,652,700
Depreciation and amortization	<b>6,141,700</b>	4,905,000
Professional development	<b>5,071,500</b>	5,074,000
Technology	<b>2,829,800</b>	1,648,000
Professional fees	<b>1,348,900</b>	1,633,200
Business insurance	<b>1,146,000</b>	1,026,600
Receivables allowances and write-offs	<b>865,000</b>	1,732,700
Marketing	<b>851,700</b>	904,500
Miscellaneous	<b>2,320,200</b>	2,205,400
Total operating expenses	<b>134,622,300</b>	123,666,700
<b>INCOME AFTER OPERATING EXPENSES</b>	<b>38,911,300</b>	31,980,300
<b>DISCRETIONARY OPERATING EXPENSES</b>		
Incentive and bonus	<b>31,169,500</b>	26,729,500
Postretirement benefits	<b>882,200</b>	922,500
Total discretionary operating expenses	<b>32,051,700</b>	27,652,000
<b>INCOME FROM OPERATIONS</b>	<b>6,859,600</b>	4,328,300
<b>OTHER EXPENSES</b>		
Net interest expense	<b>438,300</b>	467,200
Loss on disposal of property and equipment, net	<b>32,400</b>	163,600
Other taxes and fees	<b>627,700</b>	395,600
Total other expenses	<b>1,098,400</b>	1,026,400
<b>PRE-TAX INCOME</b>	<b>5,761,200</b>	3,301,900
Income tax provision	<b>1,345,700</b>	1,101,400
<b>NET INCOME</b>	<b>\$ 4,415,500</b>	<b>\$ 2,200,500</b>
Controlling interest share of net income	<b>\$ 4,408,400</b>	\$ 2,195,400
Noncontrolling interest share of net income	<b>7,100</b>	5,100
Net income	<b>\$ 4,415,500</b>	<b>\$ 2,200,500</b>

The accompanying notes are an integral part of these statements.


**Wiss, Janney, Elstner Associates, Inc.**

 Consolidated Statements of Comprehensive Income  
 Years Ended December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
<b>NET INCOME</b>	<b>\$ 4,415,500</b>	\$ 2,200,500
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET-OF-TAX</b>		
Postretirement medical benefits:		
Prior service cost	7,500	8,000
Net actuarial gain	1,672,500	474,400
Mark-to-market (loss) gain on interest rate swap contracts	<u>(200,800)</u>	<u>16,500</u>
<b>OTHER COMPREHENSIVE INCOME</b>	<b>1,479,200</b>	498,900
<b>COMPREHENSIVE INCOME</b>	<b>\$ 5,894,700</b>	\$ 2,699,400
Controlling interest share of comprehensive income	\$ 5,887,600	\$ 2,694,300
Noncontrolling interest share of comprehensive income	<u>7,100</u>	<u>5,100</u>
<b>COMPREHENSIVE INCOME</b>	<b>\$ 5,894,700</b>	\$ 2,699,400

The accompanying notes are an integral part of these statements.


**Wiss, Janney, Elstner Associates, Inc.**

 Consolidated Statements of Changes in Stockholders' Equity  
 Years Ended December 31, 2019 and 2018

	Common Stock *			Additional Paid-in Capital	Retained Earnings	Accumulated		Noncontrolling Interest in Affiliate	Total Stockholders' Equity
	Shares Issued and Outstanding	Par Value				Other Comprehensive Income (Loss)			
<b>Balance - January 1, 2018</b>	<b>2,316,400</b>	<b>\$ 23,100</b>	<b>\$ 19,941,000</b>	<b>\$ 23,334,600</b>	<b>\$ (817,100)</b>	<b>\$ 103,200</b>	<b>\$ 42,584,800</b>		
Issuance of common stock	240,100	2,400	4,485,100	-	-	-	4,487,500		
Retirement of common stock	(112,800)	(1,100)	(2,107,100)	-	-	-	(2,108,200)		
Net income	-	-	-	2,195,400	-	5,100	2,200,500		
Other comprehensive income, net-of-tax	-	-	-	-	498,900	-	498,900		
<b>Balance - December 31, 2018</b>	<b>2,443,700</b>	<b>\$ 24,400</b>	<b>\$ 22,319,000</b>	<b>\$ 25,530,000</b>	<b>\$ (318,200)</b>	<b>\$ 108,300</b>	<b>\$ 47,663,500</b>		
Issuance of common stock	191,500	1,900	3,749,500	-	-	-	3,751,400		
Retirement of common stock	(145,800)	(1,400)	(2,854,800)	-	-	-	(2,856,200)		
Net income	-	-	-	4,408,400	-	7,100	4,415,500		
Other comprehensive income, net-of-tax	-	-	-	-	1,479,200	-	1,479,200		
<b>Balance - December 31, 2019</b>	<b>2,489,400</b>	<b>\$ 24,900</b>	<b>\$ 23,213,700</b>	<b>\$ 29,938,400</b>	<b>\$ 1,161,000</b>	<b>\$ 115,400</b>	<b>\$ 54,453,400</b>		

\* 3,000,000 shares authorized at \$0.01 per share




**Wiss, Janney, Elstner Associates, Inc.**

 Consolidated Statements of Cash Flows  
 Years Ended December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Net income	\$ 4,415,500	\$ 2,200,500
Adjustments to reconcile net income to net cash provided by operating activities:		
Other comprehensive income	1,479,200	498,900
Depreciation and amortization	6,141,700	4,905,000
Receivable reserves	(484,500)	499,000
Deferred income taxes	682,400	777,100
Loss on disposal of property and equipment, net	32,400	163,600
Changes in operating assets and liabilities:		
Receivables	(7,566,000)	(1,756,700)
Other assets	478,400	193,200
Accounts payable and other liabilities	4,188,800	2,815,300
Net Cash Provided By Operating Activities	<u>9,367,900</u>	<u>10,295,900</u>
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>		
Property and equipment acquisitions	(2,434,100)	(8,352,700)
Proceeds from sales of property and equipment	12,500	75,500
Business acquisitions	(3,629,200)	-
Net Cash Used In Investing Activities	<u>(6,050,800)</u>	<u>(8,277,200)</u>
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>		
Proceeds from repayment of employee loans	2,561,400	2,196,200
Loans to employees	(2,699,000)	(4,727,000)
Proceeds from revolving loan	7,500,000	10,100,000
Repayment of loans	(8,205,000)	(15,805,000)
Issuance of common stock	3,751,400	4,487,500
Retirement of common stock	(2,856,200)	(2,108,200)
Net Cash Provided By (Used in) Financing Activities	<u>52,600</u>	<u>(5,856,500)</u>
<b>NET CHANGE IN CASH AND CASH EQUIVALENTS</b>	<b>3,369,700</b>	<b>(3,837,800)</b>
<b>CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR</b>	<b>9,329,300</b>	<b>13,167,100</b>
<b>CASH AND CASH EQUIVALENTS AT END OF YEAR</b>	<b>\$ 12,699,000</b>	<b>\$ 9,329,300</b>
<b>SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION</b>		
Interest paid	\$ 875,000	\$ 862,400
Income taxes paid, net	\$ 1,559,300	\$ 360,100

The accompanying notes are an integral part of these statements.

**Note 1. Description of Business and Summary of Significant Accounting Policies**

*Principles of Consolidation*

The accompanying consolidated financial statements include the accounts of Wiss, Janney, Elstner Associates, Inc. ("WJE"), its wholly-owned subsidiaries, and its consolidated variable interest entity, WJE Engineers & Architects, P.C. (the "PC"), which collectively are referred to as the "Corporation."

The PC qualifies as a variable interest entity due to the contractual arrangement between WJE and the PC. WJE is also the primary beneficiary of the PC because substantially all activities of the PC are carried out by WJE. Accordingly, the assets, liabilities, and results of operations of the PC are included in the accompanying consolidated financial statements and all significant transactions between WJE and the PC have been eliminated in consolidation. Substantially all the assets of the PC can be used only to settle obligations of the PC. The creditors of the PC do not have any recourse to the general credit of WJE.

The following table presents the carrying amount and classification of assets and liabilities in the PC exclusive of intercompany balances, as of December 31:

	2019	2018
<b>Assets</b>		
Cash and cash equivalents	\$ 4,900	\$ 3,800
Other assets	600	600
	<b>\$ 5,500</b>	<b>\$ 4,400</b>
<b>Liabilities</b>		
Accrued expenses	<b>\$ 1,200</b>	\$ 1,600

The noncontrolling interest in the PC is presented as a separate component of stockholders' equity on the consolidated balance sheets and statements of changes in stockholders' equity, and as a separate component of net income on the consolidated statements of operations.

*Description of Business*

The Corporation is an interdisciplinary firm of engineers, architects and materials scientists specializing in the investigation of, and design of repairs for, distressed conditions in buildings, bridges and related structures.

*Reporting Period*

The Corporation's fiscal year ends on the Sunday closest to December 31. The year 2019 covers the 52-week period from December 31, 2018 through December 29, 2019 and the year 2018 covers the 52-week period from January 1, 2018 through December 30, 2018. For purposes of financial reporting, the years described above are noted as being full calendar years, beginning January 1 and ending December 31.

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**Note 1. Description of Business and Summary of Significant Accounting Policies** *(Continued)**Management Estimates and Assumptions*

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("GAAP") requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates. Significant estimates and assumptions are used for, but not limited to: (1) receivables allowances; (2) impairment of assets; (3) contract liabilities; and (3) valuation of net deferred income tax assets or liabilities. Future events and their effects cannot be predicted with certainty; accordingly, accounting estimates require the exercise of judgment. Accounting estimates used in the preparation of these consolidated financial statements change as new events occur, as more experience is acquired, as additional information is obtained and as the operating environment changes.

*Cash and Cash Equivalents*

The Corporation invests the majority of its cash in a cash investment account, earning daily interest. The funds are available to the Corporation the following business day and bear minimal risk. Such investments are considered cash equivalents for purposes of reporting cash flows.

The amount of cash deposited at the Corporation's primary bank typically exceeds the federally insured amount. The Corporation has assessed the financial strength of its bank and determined the risk of default to be minimal.

*Receivables*

Receivables include both billed and unbilled amounts for professional services and reimbursable expenses. These balances are stated at negotiated billing rates for professional time and at marked-up costs for reimbursable expenses, where applicable. The Corporation establishes an allowance for amounts that ultimately may be uncollectible or unbillable, based upon specific-identification and historical experience.

*Property and Equipment*

The Corporation's investment in property and equipment is stated at cost. Depreciation is calculated using the straight-line method over the estimated useful lives of the assets. Leasehold improvements are amortized using the straight-line method over the lesser of the useful lives of the improvements or the remaining terms of the leases.



**Note 1. Description of Business and Summary of Significant Accounting Policies** *(Continued)*

*Property and Equipment (Continued)*

The estimated useful lives are as follows:

<b>Asset Classification</b>	<b>Estimated Useful Lives (Years)</b>
Buildings and improvements	5 - 40
Leasehold improvements	5 - 11
Office furniture and fixtures	5 - 7
Engineering equipment	5 - 7
Computer equipment	3 - 5
Automobiles and trucks	3 - 5
Purchased computer software	3

*Hedging Instruments*

The Corporation records derivative financial instruments in the balance sheet at their fair values. Changes in the fair values of the derivatives are recorded in each period as other comprehensive income.

*Accumulated Other Comprehensive Income (Loss)*

Accumulated other comprehensive income (loss) consists of actuarial gains or losses, prior service costs, and transition assets or obligations related to postretirement benefits that have not yet been included in net postretirement benefits expense, unrecognized gains and losses on interest rate swaps, and any foreign currency translation adjustments associated with investments in foreign affiliates, all net-of-tax.

*Revenue Recognition*

Effective January 1, 2019, the Corporation adopted Financial Accounting Standards Board ("FASB") Accounting Standard Codification ("ASC") Topic 606, *Revenue from Contracts with Customers (Topic 606)*. Revenue is recognized when performance obligations under the terms of the contracts with customers are satisfied. The Corporation adopted Topic 606 using the modified retrospective transition method. Under the modified retrospective transition method, the cumulative effect of applying Topic 606 was recognized for all contracts that were not completed as of the date of initial application and recognized as an adjustment to the opening retained earnings at January 1, 2019. Results for reporting periods beginning after December 31, 2018 are presented under Topic 606, while prior period amounts and disclosures are not adjusted and continue to be reported under the accounting standards in effect for the prior period. The impact to equity and revenues from adopting Topic 606 was immaterial.

Performance obligations generally consist of the promise to provide professional services that are calculated at negotiated billing rates for professional time plus reimbursable expenses ("time and expense"). Any mark-up on reimbursable expenses is included in revenues. Applying the practical expedient, the Corporation has elected to adopt the portfolio approach to evaluate contracts with customers that share the same revenue recognition patterns as the result of evaluating them as a group will have substantially the same result as evaluating them individually.

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**Note 1. Description of Business and Summary of Significant Accounting Policies** *(Continued)**Revenue Recognition (Continued)*

Substantially all the Corporation's engagements are performed under time and expense or fixed-price arrangements. For time and expense contracts, the Corporation utilizes the practical expedient under Topic 606, which states if an entity has a right to consideration from a customer in an amount that corresponds directly with the value of the entity's performance completed to date, the entity may recognize revenue in the amount to which the entity has a right to invoice. The Corporation's time and expense contracts are terminable and subject to postponement or delay at any time by our customers, and as such, the performance obligations for all the Corporation's time and expense contracts have an original expected duration of one year or less.

For fixed-price contracts, the Corporation recognizes revenue over time because of the continuous transfer of control to the customer for services that do not have an alternative use to the Corporation. The customer typically controls the work in process as evidenced either by contractual termination clauses or by the Corporation's rights to payment for work performed to date. Revenue for fixed-price contracts is recognized based on the relationship of incurred labor hours at negotiated rates to the Corporation's estimate of the total labor hours at negotiated rates it expects to incur over the term of the contract. The Corporation believes this methodology achieves a reliable measure of the revenue from the professional services it provides to its customers under fixed-price contracts. Payments are due upon receipt of invoice.

The Corporation's fixed-price contracts are terminable and subject to postponement or delay at any time by its clients, and as such, the performance obligations for all the Corporation's fixed-price contracts have an original expected duration of one year or less. The Corporation has elected not to make certain disclosures as allowed under Topic 606 related to the disaggregation of revenues.

The Corporation establishes a contract liability for both deferred revenues and estimated contract losses. Deferred revenues represent amounts billed to customers in advance of services provided. Estimated contract losses are based upon the Corporation's review of open contracts at year-end. Contract liabilities were \$7,296,500, consisting of \$5,873,000 in deferred revenue and \$1,423,500 in estimated contract losses as of December 31, 2019. At December 31, 2018, the contract liabilities were \$7,121,000 consisting of \$4,663,000 in deferred revenue and \$2,458,000 in estimated contract losses.

Adjustments to fees include provisions for unbillable amounts, including proposal time. Other revenues consist of amounts earned from laboratory services and equipment rental and are recognized over time as the customer simultaneously receives and consumes the benefits provided.

*Foreign Currency*

The functional currencies for the consolidated foreign affiliates are the British Pound Sterling and Indian Rupee. The translation of the applicable foreign currencies into U.S. dollars is performed for balance sheet accounts using the current exchange rate in effect on the balance sheet date, and for revenue and expense accounts using a weighted-average exchange rate during each month. The gains or losses resulting from such currency translations are included as a component of either net income in the statement of operations or accumulated other comprehensive income (loss) in stockholders' equity.

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**Note 1. Description of Business and Summary of Significant Accounting Policies** *(Continued)**Fair Value Measurements*

GAAP provides guidance that defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements for both financial and non-financial assets. It also provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements).

*Fair Value Hierarchy*

The three levels of the fair value hierarchy are described as follows:

*Level 1* Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Corporation has the ability to access.

*Level 2* Inputs to the valuation methodology include the following:

- Quoted prices for similar assets or liabilities in active markets;
- Quoted prices for identical or similar assets or liabilities in inactive markets;
- Inputs other than quoted prices that are observable for the asset or liability; and,
- Inputs that are derived principally from, or corroborated by, observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

*Level 3* Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

*Recent Accounting Pronouncements*

In February 2016, FASB issued Accounting Standard Update ("ASU") 2016-02, *Leases (Topic 842)*, to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and disclosing key information about leasing arrangements. Certain qualitative and quantitative disclosures are required, as well as a retrospective recognition and measurement of impacted leases. The new guidance is effective for fiscal years beginning after December 15, 2019. Management is currently evaluating this standard.

*Reclassifications*

Certain prior year amounts have been reclassified for consistency with the current year presentation. These reclassifications had no effect on the reported results of operations or equity.



## Note 2. Receivables

Receivables as of December 31 consist of the following:

	2019	2018
Billed professional time and expenses	<b>\$ 44,763,000</b>	\$ 38,021,900
Unbilled professional time and expenses	<b>13,652,800</b>	10,782,900
Other receivables	<b>783,900</b>	375,600
	<b>59,199,700</b>	49,180,400
Less: Allowances	<b>2,979,700</b>	3,464,200
	<b>\$ 56,220,000</b>	\$ 45,716,200

## Note 3. Employee Notes Receivable

In 2019 and 2018, WJE entered into \$2,733,400 and \$4,037,000, respectively, of Note and Pledge Agreements (the "Notes") with certain employees (the "Borrowers") to finance their purchases of WJE's common stock. The Notes mature in one to eight years and accrue interest at rates ranging from 3.75% to 5.00%. Principal and interest are due annually, and the Borrowers have the right to prepay the Notes in part or in full at any time without penalty. The common stock is held as collateral until the Notes are paid in full. At December 31, 2019 and 2018, the balance of the Notes was \$7,720,200 and \$7,473,100, respectively.

WJE also makes loans to employees to help finance their relocation to other offices. At December 31, 2019 and 2018, one loan with a balance of \$90,900 and \$101,400, respectively, was secured by a second mortgage on the employee's residence. This note bears interest at 3.25% and matures in June 2027. At December 31, 2019 and 2018, one loan with a balance of \$690,000 was secured by a first mortgage on the employee's residence. This note bears interest at 3.50% and matures in March 2020. Unsecured loans totaled \$203,000 and \$302,000 as of December 31, 2019 and 2018, respectively. They bear interest at rates ranging from 3.00% to 4.50%, and mature between December 2020 and December 2023.

Maturities of the employee notes receivable are as follows as of December 31, 2019:

Year	Amount
2020	\$ 2,698,300
2021	1,818,200
2022	1,512,400
2023	1,243,600
2024	932,400
Thereafter	499,200
	<b>\$ 8,704,100</b>

**Note 4. Property and Equipment**

Property and equipment as of December 31 consist of the following:

	<u>2019</u>	<u>2018</u>
Land	<b>\$ 2,840,800</b>	\$ 2,696,100
Buildings and improvements	<b>44,239,100</b>	43,312,400
Leasehold improvements	<b>11,424,500</b>	10,513,000
Office furniture and fixtures	<b>6,883,100</b>	7,034,700
Computer Equipment	<b>6,344,500</b>	6,776,500
Engineering equipment	<b>5,150,400</b>	4,746,200
Purchased computer software	<b>1,309,700</b>	1,269,900
Automobiles and trucks	<b>819,400</b>	761,100
Construction in progress	<b>505,100</b>	1,017,000
	<b>79,516,600</b>	78,126,900
Less: Accumulated depreciation and amortization	<b>33,093,400</b>	29,191,800
	<b><u>\$ 46,423,200</u></b>	<b><u>\$ 48,935,100</u></b>

**Note 5. Goodwill**

Goodwill arising from business combinations is amortized over 5 years and had a gross value of \$3,279,000 and \$750,000 as of December 31, 2019 and 2018, respectively, and accumulated amortization of \$759,600 and \$315,800 as of December 31, 2019 and 2018, respectively.

Amortization expense was \$443,700 and \$203,300 for 2019 and 2018, respectively.

**Note 6. Business Combination**

Effective July 1, 2019, the Corporation acquired the assets and goodwill and assumed certain liabilities of Stafford Bandlow Engineering Inc ("SBE"). Total consideration was \$5,229,200 and comprised a seller note for \$1,600,000 and cash at closing of \$3,629,200.

**Note 6. Business Combination** *(Continued)*

A summary of the assets acquired and liabilities assumed is as follows:

	<b>Amount</b>
Accounts receivable	\$ 2,453,300
Prepaid expenses	2,200
Property and equipment, net	293,300
Goodwill	2,529,000
Total assets acquired	5,277,800
Contract liabilities	48,600
Total liabilities assumed	48,600
Net assets acquired	\$ 5,229,200

Goodwill is attributable to various intangible assets that do not meet the criteria for separate identification under GAAP and is amortizable for income tax purposes.

**Note 7. Other Assets**

Other assets as of December 31 consist of the following:

	<b>2019</b>	2018
Prepaid expenses	<b>\$ 1,227,000</b>	\$ 1,183,100
Security deposits	<b>742,300</b>	714,500
Prepaid Insurance	<b>595,000</b>	837,700
Income taxes recoverable	<b>6,000</b>	418,400
Miscellaneous	<b>190,000</b>	82,800
	<b>\$ 2,760,300</b>	\$ 3,236,500

**Note 8. Debt**

The Corporation is party to a Credit Agreement, as amended from time to time, (the "Credit Agreement") with Wells Fargo Bank, N.A. ("Wells"). The Credit Agreement offers revolving loans, letters of credit, and two term loans, all subject to variable interest rates.

Revolving loans up to a maximum of \$20,000,000, reduced by outstanding performance bonds of \$5,005,200 and renewable bonds of \$127,000 at December 31, 2019 and performance bonds of \$117,000 at December 31, 2018, are available until the April 1, 2022 expiration date of the Credit Agreement. The Corporation pays a fee of 15 basis points (0.15%) on the average daily unused revolving loan commitment in excess of \$10,000,000.



**Note 8. Debt** *(Continued)*

Letters of credit are available up to a maximum of \$500,000, provided that the sum of outstanding revolving loans and letters of credit does not exceed the maximum revolving loan commitment then in effect. The Corporation is assessed a fee of 2.25% on the average daily amount of outstanding letters of credit, if any. There were no letters of credit outstanding as of December 31, 2019 and 2018.

At December 31, 2019, the outstanding principal balance of Term Loan A was \$7,204,200. The loan is subject to monthly principal installments of \$37,900 plus interest, with a balloon payment of \$6,862,900 due in November 2020.

At December 31, 2019, the outstanding principal balance of Term Loan B was \$4,062,500. The loan is subject to monthly principal installments of \$20,800 plus interest, with a balloon payment of \$3,750,000 due in April 2021.

At December 31, 2019 and 2018, one revolving loan of \$5,000,000 was outstanding. The loan is subject to monthly interest payments and due in April 2022.

In addition, the Corporation is party to four interest rate swap agreements with Wells, each covering a portion of the Corporation's term loan and revolving loan debt. The swap agreements effectively fix the interest rate associated with their respective portion of the debt at interest rates ranging from 3.80% to 4.734%. As of December 31, 2019 and 2018, all term loan and revolving loan debt outstanding was hedged via interest rate swap agreements.

As of December 31, 2019, a promissory note of \$1,600,000 (see Business Combination footnote) bearing interest of 5% per year was outstanding. This promissory note will be paid in four equal installments of \$400,000 starting in 2020 until the maturity date of July 1, 2023.

Scheduled repayments of debt are as follows, as of December 31, 2019:

<b>Year</b>	<b>Amount</b>
2020	\$ 7,854,200
2021	4,212,500
2022	5,400,000
2023	400,000
	\$ 17,866,700

Under the terms of the Credit Agreement, substantially all of the Corporation's assets are pledged as collateral. Certain covenants of the Credit Agreement require the maintenance of minimum tangible net worth and a minimum fixed charge coverage ratio. Balances of certain assets and obligations are subject to dollar limits. The Corporation was in compliance with all covenants under the Credit Agreement as of and for the years ended December 31, 2019 and 2018.

**Note 9. Accrued Expenses**

Accrued expenses as of December 31 consist of the following:

	2019	2018
Incentive awards	<b>\$ 17,800,000</b>	\$ 14,000,000
Vacation	<b>3,156,600</b>	2,936,600
Payroll	<b>3,062,700</b>	2,756,400
401(k) plan contributions	<b>1,914,300</b>	1,560,100
Payroll taxes	<b>1,633,500</b>	1,293,400
Other employee benefits	<b>1,529,400</b>	1,436,100
Real estate taxes	<b>858,000</b>	416,200
Bonuses / guaranteed compensation	<b>852,300</b>	1,066,200
Interest rate swap agreements	<b>327,100</b>	51,600
Income Taxes	<b>246,300</b>	483,200
Miscellaneous	<b>1,261,700</b>	1,301,900
	<b>\$ 32,641,900</b>	<b>\$ 27,301,700</b>

**Note 10. Leases**

The Corporation leases office space and equipment under noncancelable operating leases. Certain office leases include provisions for the payment of a proportionate share of executory costs consisting of real estate taxes, insurance, maintenance and utilities. Rent expense is recognized using the straight-line method over the life of the lease and, consequently, the accompanying consolidated balance sheets include deferred rent in other liabilities, representing lease expense recognized, but not yet paid. Total rent expense under the operating leases, including executory costs, was \$6,320,200 and \$5,613,200 for the years ending December 31, 2019 and 2018, respectively.

Several of the office space leases include an incentive provided by the landlord toward the cost of leasehold improvements. The value of the lessor-provided leasehold allowances is included as leasehold improvements in property and equipment, with a corresponding liability included in other liabilities. Both the asset and liability are amortized on a straight-line basis over the lesser of the life of the lease or the useful life of the underlying asset. In the event the Corporation should default on the lease, some of the cost of those improvements must be reimbursed to the landlord. Unamortized leasehold improvements and the equivalent corresponding liability totaled \$3,204,300 and \$3,291,800 as of December 31, 2019 and 2018, respectively.

**Note 10. Leases** *(Continued)*

Exclusive of executory costs on the operating leases, future minimum lease payments in each of the next five years ending December 31 and aggregated thereafter are as follows:

Year	Amount
2020	\$ 6,135,300
2021	5,913,400
2022	4,666,500
2023	4,015,400
2024	3,624,500
Thereafter	6,994,200
	\$ 31,349,300

**Note 11. Other Liabilities**

Other liabilities as of December 31 consist of the following:

	2019	2018
Lessor-provided leasehold allowances	<b>\$ 3,204,300</b>	\$ 3,291,800
Deferred rent	<b>1,526,500</b>	1,437,500
	<b>\$ 4,730,800</b>	\$ 4,729,300

**Note 12. Fair Value Measurements***Cash Flow Hedges*

The Corporation utilizes cash flow hedges to reduce the risk of changes in cash interest payments related to debt. Those derivative instruments are limited to interest rate swap agreements which are not exchange-traded and are not an over-the-counter customized transaction.

While the loans are outstanding, the effective portion of the change in fair value of hedged transactions is recorded in accumulated other comprehensive income (loss). At December 31, 2019 and 2018, the aggregate fair value of the derivative instrument was a liability of \$327,100 and \$51,600, respectively. The value was based on significant level 2 inputs in the form of quoted LIBOR interest rate information.

At December 31, 2019 and 2018, the relative change in fair value was a loss of \$200,800 and a gain of \$16,500, respectively, net of deferred income tax benefit of \$74,700 and deferred income tax expense \$6,900, respectively. These changes in fair value were recognized in other comprehensive income as mark-to-market (loss) gain on interest rate swap contracts, with deferred tax benefit or expense based upon the income tax rates estimated to be in effect at the time the liability will be satisfied.



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**Note 12. Fair Value Measurements** *(Continued)**Non-Financial Assets and Liabilities Measured at Fair Value on a Nonrecurring Basis*

Certain assets and liabilities are measured at fair value on a nonrecurring basis; that is, the assets and liabilities are not measured at fair value on an ongoing basis but are subject to fair value adjustments in certain circumstances such as when there is evidence of impairment. These assets include employee notes receivable, deferred income taxes, and property and equipment. No material fair value adjustments or fair value measurements were required for non-financial assets or liabilities as of December 31, 2019 and 2018.

*Financial Instruments Not Recorded at Fair Value on a Recurring Basis*

The carrying value of financial instruments such as cash, receivables, accounts payable, accrued expenses and short-term debt approximates their fair values, based on the short-term nature of these instruments. The carrying amount of long-term debt approximates its fair value as the notes bear interest based on the market rate currently available for debt with similar terms.

**Note 13. Retirement Benefit Plans***401(k) Plan*

WJE sponsors a 401(k) plan which is available to eligible employees. Under the plan, WJE matches a portion of employee contributions, the cost of which was \$6,083,100 and \$5,292,600 for the years ended December 31, 2019 and 2018, respectively.

*Medical Benefits*

WJE sponsors a retiree medical insurance plan for eligible pre-age 65 retirees ("early retirees"), retirees (age 65 and older) and their qualifying spouses or domestic partners. WJE subsidizes a percentage of the early retirees' cost of continuing participation in the group insurance program and subsidizes a portion of the premiums paid by retirees for Medicare supplement insurance.

In 2019, management amended the retiree medical insurance plan by eliminating the eligibility of early retirees, effective January 1, 2021. Early retirees who retire before January 1, 2021 and their qualifying spouses or domestic partners remain eligible under the plan. WJE's retiree medical insurance plan is not governed by provisions of the Employment Retirement Security Act of 1974. While management of WJE expects to continue the retiree medical insurance plan indefinitely and has never indicated any intention to terminate the plan, WJE retains the right to amend or terminate it at any time.

WJE accrues postretirement medical benefits earned during the years an employee provides services, based on an actuarial calculation, the cost of which was \$882,200 and \$922,500 for the years ended December 31, 2019 and 2018, respectively.

Changes in actuarial assumptions made during 2019 resulted in a \$1,604,400 loss, net of deferred income tax benefit of \$586,300, recognized in other comprehensive income as postretirement medical benefits – net actuarial gain. In addition, the plan amendment made in 2019 resulted in a \$3,276,900

**Note 13. Retirement Benefit Plans** *(Continued)*

*Medical Benefits (Continued)*

gain, net of deferred income tax expense of \$1,220,700, also recognized in other comprehensive income as postretirement medical benefits – net actuarial gain. Deferred income tax expense is based upon the income tax rates estimated to be in effect at the time the liability will be satisfied.

The unfunded benefit obligation was \$6,558,700 and \$8,145,400 as of December 31, 2019 and 2018, respectively. A discount rate of 3.50% and 4.50% was used to calculate the unfunded obligation for the years ended December 31, 2019 and 2018, respectively.

For measuring the liability and expense, a 6.25% and 6.50% annual rate of increase in the per capita claims cost was assumed for 2019 and 2018, respectively. In 2019, the effect of a one percentage point increase in the assumed health care costs trend rate would result in an increase in the postretirement benefits obligation of approximately \$28,700, while a one percentage point decrease in the trend rate would reduce the obligation by approximately \$27,800.

Retiree medical insurance plan expenses paid by WJE, net of premiums received from participants, totaled \$151,700 and \$346,800 for the years ended December 31, 2019 and 2018, respectively. Benefits expected to be paid during the next ten years are as follows:

<b>Year</b>	<b>Amount</b>
2020	\$ 485,300
2021	445,500
2022	392,000
2023	321,500
2024	304,800
2025 - 2029	1,465,800
	\$ 3,414,900

**Note 14. Common Stock**

WJE maintains a program of offering common stock to eligible employees at a price determined by formula in the Second Amended and Restated Stockholders' Agreement dated November 27, 2012 ("Stockholders' Agreement"). All transactions must be authorized by WJE's Board of Directors and made within certain restrictions stipulated in the Stockholders' Agreement and the Credit Agreement. In 2019 and 2018, \$3,751,400 and \$4,487,500, respectively, of common stock were issued.

The Stockholders' Agreement also requires that upon the death, permanent disability or termination of employment of an employee, their common stock must be repurchased by WJE at the price determined by formula in the Stockholders' Agreement. In 2019 and 2018, \$2,856,200 and \$2,108,200, respectively, of common stock were repurchased. As of December 31, 2019, WJE's repurchase obligation was approximately \$1,687,400.

### Note 15. Income Taxes

#### *Significant Tax Matters*

The Corporation is subject to taxation in the United States and various states and foreign jurisdictions. The Corporation reports income in the United States on a cash basis, both at the Federal and state levels, as permitted by tax regulation. Reporting of foreign sourced income is made in accordance with the relevant foreign jurisdiction and any applicable tax treaties in effect between the foreign country and the United States. The Corporation has available approximately \$117,000 of state net operating loss carry-forwards, expiring in 2030 through 2037.

#### *Tax Provision*

The income tax provision for the years ended December 31 consists of:

	<u>2019</u>	<u>2018</u>
Current	<b>\$ 1,256,000</b>	\$ 651,300
Deferred	<b>111,700</b>	450,100
Foreign	<b>(22,000)</b>	-
Income tax provision	<b>\$ 1,345,700</b>	\$ 1,101,400

The Corporation's effective income tax rates were 23.4% and 33.4% for the years ended December 31, 2019 and 2018, respectively.

The Corporation's effective income tax rate varies from the statutory tax rate primarily due to certain expenses which are nondeductible in the calculation of taxable income and foreign tax credits.

#### *Deferred Income Taxes*

Deferred income tax assets and liabilities are recognized for the future tax consequences attributable to differences between the GAAP-based financial statement carrying values of assets and liabilities and their respective tax bases. The amount of any future tax benefits is reduced by a valuation allowance to the extent such benefits are not expected to be fully realized.

Deferred income tax assets and liabilities as of December 31 consist of the following:

	<u>2019</u>	<u>2018</u>
Deferred assets	<b>\$ 920,100</b>	\$ 803,200
Deferred liabilities	<b>4,049,900</b>	3,250,600
Net deferred income tax liability	<b>\$ 3,129,800</b>	\$ 2,447,400

### Note 16. Commitments and Contingencies

The Corporation is involved in litigation arising in the ordinary course of business. Although the outcome of these matters cannot presently be determined, management does not expect that the resolution of these matters will have a material adverse effect on the Corporation's financial position or results of operations.



**Note 17. Subsequent Events**

In March 2020, government agencies announced warnings related to the Coronavirus (COVID-19). Any potential decline in economic activity in the U.S. and other regions of the world as a result of the virus may have an adverse impact on the Company.

The Corporation's management has evaluated all known subsequent events from December 31, 2019 through March 18, 2020, the date the accompanying financial statements were available to be issued, and is not aware of any material events occurring during this period.



**APPENDIX A  
SUPPLEMENTAL CONSOLIDATING  
FINANCIAL STATEMENTS**



**Wiss, Janney, Elstner Associates, Inc.**  
 Consolidating Balance Sheet  
 Year Ended December 31, 2019

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>ASSETS</b>						
Cash and cash equivalents	\$ 11,787,100	\$ 900,900	\$ 6,100	\$ 4,900	\$ -	\$ 12,699,000
Receivables	56,220,000	-	-	-	-	56,220,000
Employee notes receivable	8,704,100	-	-	-	-	8,704,100
Property and equipment	46,423,200	-	-	-	-	46,423,200
Goodwill	2,519,400	-	-	-	-	2,519,400
Other assets	3,520,700	-	72,900	111,800	(945,100)	2,760,300
<b>TOTAL ASSETS</b>	<u>\$ 129,174,500</u>	<u>\$ 900,900</u>	<u>\$ 79,000</u>	<u>\$ 116,700</u>	<u>\$ (945,100)</u>	<u>\$ 129,326,000</u>
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>						
<b>LIABILITIES</b>						
Debt	\$ 17,866,700	\$ -	\$ -	\$ -	\$ -	\$ 17,866,700
Accounts payable	2,648,200	-	-	-	-	2,648,200
Accrued expenses	32,605,800	406,900	-	1,300	(372,100)	32,641,900
Contract liabilities	7,296,500	-	-	-	-	7,296,500
Deferred income taxes	3,129,800	-	-	-	-	3,129,800
Postretirement medical benefits	6,558,700	-	-	-	-	6,558,700
Other liabilities	4,730,800	-	-	-	-	4,730,800
<b>TOTAL LIABILITIES</b>	<u>74,836,500</u>	<u>406,900</u>	<u>0</u>	<u>1,300</u>	<u>(372,100)</u>	<u>74,872,600</u>
<b>STOCKHOLDERS' EQUITY</b>						
Common stock	24,900	-	1,400	100	(1,500)	24,900
Additional paid-in capital	23,213,700	1,762,400	280,200	-	(2,042,600)	23,213,700
Retained earnings	29,938,400	(1,268,400)	(202,600)	115,300	1,355,700	29,938,400
Accumulated other comprehensive income	1,161,000	-	-	-	-	1,161,000
Noncontrolling interest in affiliate	-	-	-	-	115,400	115,400
<b>TOTAL STOCKHOLDERS' EQUITY</b>	<u>54,338,000</u>	<u>494,000</u>	<u>79,000</u>	<u>115,400</u>	<u>(573,000)</u>	<u>54,453,400</u>
<b>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</b>	<u>\$ 129,174,500</u>	<u>\$ 900,900</u>	<u>\$ 79,000</u>	<u>\$ 116,700</u>	<u>\$ (945,100)</u>	<u>\$ 129,326,000</u>

See Independent Auditor's Report.





**Wiss, Janney, Elstner Associates, Inc.**  
 Consolidating Statement of Operations  
 Year Ended December 31, 2019

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>REVENUES</b>						
Professional services fees	\$ 183,014,300	\$ 533,600	\$ -	\$ 13,462,300	\$ (13,462,300)	\$ 183,547,900
Adjustments to fees	(12,139,400)	(28,800)	-	-	-	(12,168,200)
Net fees	170,874,900	504,800	-	13,462,300	(13,462,300)	171,379,700
Other revenues	2,153,900	-	-	-	-	2,153,900
Total net revenues	173,028,800	504,800	-	13,462,300	(13,462,300)	173,533,600
<b>OPERATING EXPENSES</b>						
Salaries	78,696,500	190,300	-	-	-	78,886,800
Employee benefits	22,532,700	35,900	-	-	-	22,568,600
Facilities	12,530,500	61,600	-	-	-	12,592,100
Depreciation and amortization	6,141,700	-	-	-	-	6,141,700
Professional development	5,052,100	17,000	-	2,400	-	5,071,500
Technology	2,819,000	10,800	-	100	-	2,829,800
Professional fees	1,248,300	100,500	-	-	-	1,348,800
Business insurance	1,089,300	56,700	-	-	-	1,146,000
Receivables allowances and write-offs	790,300	-	-	74,700	-	865,000
Marketing	851,400	300	-	-	-	851,700
Miscellaneous	2,416,500	7,500	-	13,358,500	(13,462,300)	2,320,200
Total operating expenses	134,168,300	480,600	-	13,435,700	(13,462,300)	134,622,300
<b>INCOME AFTER OPERATING EXPENSES</b>	38,860,500	24,200	-	26,600	-	38,911,300
<b>DISCRETIONARY OPERATING EXPENSES</b>						
Incentive and bonus	31,169,500	-	-	-	-	31,169,500
Postretirement benefits	882,200	-	-	-	-	882,200
Total discretionary operating expenses	32,051,700	-	-	-	-	32,051,700
<b>INCOME FROM OPERATIONS</b>	6,808,800	24,200	-	26,600	-	6,859,600
<b>OTHER EXPENSES</b>						
Net interest expense	438,800	(500)	-	-	-	438,300
Loss on disposal of property and equipment, net	32,400	-	-	-	-	32,400
Other taxes and fees	598,200	2,800	-	4,800	(51,600)	627,700
Total other expenses	1,069,400	2,300	-	4,800	(51,600)	1,098,400
<b>PRE-TAX INCOME (LOSS)</b>	5,739,400	21,900	-	21,800	51,600	5,761,200
Income tax provision	1,331,000	-	-	14,700	-	1,345,700
<b>NET INCOME (LOSS)</b>	\$ 4,408,400	\$ 21,900	\$ (73,500)	\$ 7,100	\$ 51,600	\$ 4,415,500

See Independent Auditor's Report.



**Wiss, Janney, Elstner Associates, Inc.**

Consolidating Statement of Comprehensive Income

Year Ended December 31, 2019

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>NET INCOME (LOSS)</b>	\$ 4,408,400	\$ 21,900	\$ (73,500)	\$ 7,100	\$ 51,600	\$ 4,415,500
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET-OF-TAX</b>						
Postretirement medical benefits	7,500	-	-	-	-	7,500
Prior service cost	1,672,500	-	-	-	-	1,672,500
Net actuarial gain	(200,800)	-	-	-	-	(200,800)
Mark-to-market loss on interest rate swap contracts						
<b>OTHER COMPREHENSIVE INCOME</b>	\$ 1,479,200	\$ -	\$ -	\$ -	\$ -	\$ 1,479,200
<b>COMPREHENSIVE INCOME (LOSS)</b>	\$ 5,887,600	\$ 21,900	\$ (73,500)	\$ 7,100	\$ 51,600	\$ 5,894,700

See Independent Auditor's Report.



**Wiss, Janney, Elstner Associates, Inc.**  
Consolidating Balance Sheet  
Year Ended December 31, 2018

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers, Architects & Materials Scientists LLC	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>ASSETS</b>							
Cash and cash equivalents	\$ 8,357,000	\$ 472,000	\$ 496,500	\$ -	\$ 3,800	\$ -	\$ 9,329,300
Receivables	45,715,600	-	-	-	600	-	45,716,200
Employee notes receivable	8,566,500	-	-	-	-	-	8,566,500
Property and equipment	48,935,100	-	-	-	-	-	48,935,100
Goodwill	434,200	-	-	-	-	-	434,200
Other assets	4,098,600	-	82,900	-	105,500	(1,050,500)	3,236,500
<b>TOTAL ASSETS</b>	<b>\$ 116,107,000</b>	<b>\$ 472,000</b>	<b>\$ 579,400</b>	<b>\$ -</b>	<b>\$ 109,900</b>	<b>\$ (1,050,500)</b>	<b>\$ 116,217,800</b>
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>							
<b>LIABILITIES</b>							
Debt	\$ 16,971,700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,971,700
Accounts payable	1,837,800	-	-	-	1,600	-	1,837,800
Accrued expenses	27,299,200	-	900	-	-	-	27,301,700
Contract liabilities	7,121,000	-	-	-	-	-	7,121,000
Deferred income taxes	2,447,400	-	-	-	-	-	2,447,400
Postretirement medical benefits	8,145,400	-	-	-	-	-	8,145,400
Other liabilities	4,729,300	-	-	-	-	-	4,729,300
<b>TOTAL LIABILITIES</b>	<b>68,551,800</b>	<b>-</b>	<b>900</b>	<b>-</b>	<b>1,600</b>	<b>-</b>	<b>68,554,300</b>
<b>STOCKHOLDERS' EQUITY</b>							
Common stock	24,400	-	1,500	-	100	(1,600)	24,400
Additional paid-in capital	22,319,000	1,762,400	706,200	-	-	(2,468,600)	22,319,000
Retained earnings	25,530,000	(1,290,400)	(129,200)	-	108,200	1,311,400	25,530,000
Accumulated other comprehensive loss	(318,200)	-	-	-	-	(318,200)	(318,200)
Noncontrolling interest in affiliate	-	-	-	-	-	108,300	108,300
<b>TOTAL STOCKHOLDERS' EQUITY</b>	<b>47,555,200</b>	<b>472,000</b>	<b>578,500</b>	<b>-</b>	<b>108,300</b>	<b>(1,050,500)</b>	<b>47,663,500</b>
<b>TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY</b>	<b>\$ 116,107,000</b>	<b>\$ 472,000</b>	<b>\$ 579,400</b>	<b>\$ -</b>	<b>\$ 109,900</b>	<b>\$ (1,050,500)</b>	<b>\$ 116,217,800</b>

See Independent Auditor's Report.

**Wiss, Janney, Elstner Associates, Inc.**  
 Consolidating Statement of Operations  
 Year Ended December 31, 2018

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers, Architects & Materials Scientists LLC	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>REVENUES</b>							
Professional services fees	\$ 166,144,800	\$ 15,300	\$ -	\$ -	\$ 13,851,700	\$ (13,851,700)	\$ 166,160,100
Adjustments to fees	(12,173,500)	84,500	-	-	-	-	(12,089,000)
Net fees	153,971,300	99,800	-	-	13,851,700	(13,851,700)	154,071,100
Other revenues	1,575,900	-	-	-	-	-	1,575,900
Total net revenues	155,547,200	99,800	-	-	13,851,700	(13,851,700)	155,647,000
<b>OPERATING EXPENSES</b>							
Salaries	72,742,900	4,100	-	(111,700)	-	-	72,635,300
Employee benefits	20,246,300	3,000	-	-	-	-	20,249,300
Facilities	11,621,000	31,700	-	-	-	-	11,652,700
Professional development	5,072,300	1,100	-	-	600	-	5,074,000
Depreciation and amortization	4,905,000	-	-	-	-	-	4,905,000
Receivables allowances and write-offs	904,500	-	-	-	-	-	904,500
Technology	1,643,900	4,100	-	-	84,700	-	1,732,700
Professional fees	1,647,800	200	-	-	-	-	1,648,000
Business insurance	1,495,700	112,600	1,100	23,800	-	-	1,633,200
Marketing	992,300	34,300	-	-	-	-	1,026,600
Miscellaneous	2,298,700	1,600	-	4,300	-	(13,851,700)	2,205,400
Total operating expenses	123,570,400	192,700	1,100	(83,600)	13,752,500	(13,851,700)	123,666,700
<b>INCOME (LOSS) AFTER OPERATING EXPENSES</b>	31,976,800	(92,900)	(1,100)	83,600	13,837,800	(13,851,700)	31,980,300
<b>DISCRETIONARY OPERATING EXPENSES</b>							
Incentive and bonus	26,729,500	-	-	-	-	-	26,729,500
Postretirement benefits	922,500	-	-	-	-	-	922,500
Total discretionary operating expenses	27,652,000	-	-	-	-	-	27,652,000
<b>INCOME (LOSS) FROM OPERATIONS</b>	4,324,800	(92,900)	(1,100)	83,600	13,900	-	4,328,300
<b>OTHER EXPENSES</b>							
Net interest expense	452,700	-	14,500	-	-	-	467,200
Loss on disposal of property and equipment, net	163,600	-	-	-	-	-	163,600
Other taxes and fees	419,400	(69,300)	300	(68,200)	1,100	112,300	395,600
Total other expenses	1,035,700	(69,300)	14,800	(68,200)	1,100	112,300	1,026,400
<b>PRE-TAX INCOME (LOSS)</b>	3,289,100	(23,600)	(15,900)	151,800	12,800	(112,300)	3,301,900
Income tax provision	1,093,700	-	-	-	7,700	-	1,101,400
<b>NET INCOME (LOSS)</b>	\$ 2,195,400	\$ (23,600)	\$ (15,900)	\$ 151,800	\$ 5,100	\$ (112,300)	\$ 2,200,500

See Independent Auditor's Report.





**Wiss, Janney, Elstner Associates, Inc.**  
 Consolidating Statement of Comprehensive Income  
 Year Ended December 31, 2018

	WJE	WJE International Holdings	WJE Consulting Services Pvt Ltd	WJE Engineers, Architects & Materials Scientists LLC	WJE Engineers & Architects	Eliminations	Consolidated Total
<b>NET INCOME (LOSS)</b>	\$ 2,195,400	\$ (23,600)	\$ (15,900)	\$ 151,800	\$ 5,100	\$ (112,300)	\$ 2,200,500
<b>OTHER COMPREHENSIVE INCOME, NET-OF-TAX</b>							
Postretirement medical benefits	8,000	-	-	-	-	-	8,000
Prior service cost	474,400	-	-	-	-	-	474,400
Net actuarial gain	16,500	-	-	-	-	-	16,500
Mark-to-market gain on interest rate swap contracts	-	-	-	-	-	-	-
<b>OTHER COMPREHENSIVE INCOME</b>	\$ 498,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 498,900
<b>COMPREHENSIVE INCOME (LOSS)</b>	\$ 2,694,300	\$ (23,600)	\$ (15,900)	\$ 151,800	\$ 5,100	\$ (112,300)	\$ 2,699,400

See Independent Auditor's Report.



## STATEMENT OF QUALIFICATIONS

Engineering Services for Parking Garages  
Solicitation # RFQ-4625-20-JE

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### REQUIRED FORMS

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

Issue Date \_\_\_\_\_

**ACKNOWLEDGMENT AND SIGNATURE PAGE**

This form must be completed and submitted by the date and the time of bid opening.

Legal Company Name (include d/b/a if applicable): Wiss, Janney, Elstner Associates, Inc.

Federal Tax Identification Number: F362757956

If Corporation - Date Incorporated/Organized:

January 26, 1973

State Incorporated/Organized:

Illinois

Company Operating

Address: 330 Pfingsten Road

City Northbrook State IL Zip Code 60062

Remittance Address (if different from ordering address):

\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Company Contact Person: Brian M. Calderone, PE

Email Address: bcalderone@wje.com

Phone Number (include area code): 561.226.1220

Fax Number (include area code): 561.981.8007

Company's Internet Web Address:

www.wje.com

IT IS HEREBY CERTIFIED AND AFFIRMED THAT THE BIDDER/PROPOSER CERTIFIES ACCEPTANCE OF THE TERMS, CONDITIONS, SPECIFICATIONS, ATTACHMENTS AND ANY ADDENDA. THE BIDDER/PROPOSER SHALL ACCEPT ANY AWARDS MADE AS A RESULT OF THIS SOLICITATION. BIDDER/PROPOSER FURTHER AGREES THAT PRICES QUOTED WILL REMAIN FIXED FOR THE PERIOD OF TIME STATED IN THE SOLICITATION.

 June 11, 2020  
Bidder/Proposer's Authorized Representative's Signature: Date

Type or Print Name: Brian M. Calderone, PE

Issue Date \_\_\_\_\_

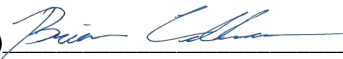
City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

**NONCOLLUSION AFFIDAVIT**

STATE OF: Florida

COUNTY OF: Palm Beach, being first duly sworn, deposes and says that:

- (1) He/she is Brian M. Calderone of Wiss, Janney, Elstner Associates, Inc., the Bidder that has submitted the attached Bid.
- (2) He/she has been fully informed regarding the preparation and contents of the attached Bid and of all pertinent circumstances regarding such Bid;
- (3) Such Bid is genuine and is not a collusion or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the contractor for which the attached Bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices, profit or cost element of the Bid price or the Bid price of any other Bidder, or to secure an advantage against the City of Hollywood or any person interested in the proposed Contract; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED)  Senior Associate & Unit Manager  
Title

**Failure to sign or changes to this page shall render your bid non-responsive.**



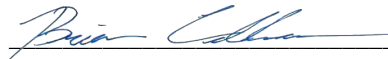
Issue Date

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

**HOLD HARMLESS AND INDEMNITY CLAUSE**

**(Company Name and Authorized Representative's Name)**

, the contractor, shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

  
SIGNATURE

Brian M. Calderone, PE  
PRINTED NAME

Wiss, Janney, Elstner Associates, Inc.  
COMPANY OF NAME

6/11/2020  
DATE

**Failure to sign or changes to this page shall render your bid non-responsive.**

Issue Date

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE**SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a) FLORIDA  
STATUTES ON PUBLIC ENTITY CRIMES**

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS

1. This form statement is submitted to City of Hollywood, Florida  
by Brian M. Calderone-Senior Associate & Unit Manager for Wiss, Janney, Elstner Associates, Inc.  
(Print individual's name and title) (Print name of entity submitting sworn statement)  
whose business address is 1900 NW Corporate Blvd. Suite E102 Boca Raton, FL 33431  
and if applicable its Federal Employer Identification Number (FEIN) is F362757956. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.

2. I understand that "public entity crime," as defined in paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misinterpretation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in an federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that "Affiliate," as defined in paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime, or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that "person," as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Neither the entity submitting sworn statement, nor any of its officers, director, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

Issue Date

City of Hollywood, Florida  
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The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime, but the Final Order entered by the Hearing Officer in a subsequent proceeding before a Hearing Officer of the State of the State of Florida, Division of Administrative Hearings, determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the Final Order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THAT PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017 FLORIDA STATUTES FOR A CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

[Signature]  
(Signature)

Sworn to and subscribed before me this 10<sup>th</sup> day of June, 2020.

Personally known X

Or produced identification \_\_\_\_\_ Notary Public-State of Florida

\_\_\_\_\_ my commission expires 1/22/2024

(Type of identification)

Marion Katherine Walker  
(Printed, typed or stamped commissioned name of notary public)



**Failure to sign or changes to this page shall render your bid non-responsive.**

Issue Date

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

### CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS

The applicant certifies that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction, violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and
- (d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default.

Applicant Name and Address:

Wiss, Janney, Elstner Associates, Inc.

1900 NW Corporate Blvd. Suite E102

Boca Raton, Florida 33431

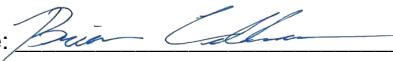
Application Number and/or Project Name:

Solicitation # RFQ-4625-20-JE Engineering Services for Parking Garage

Applicant IRS/Vendor Number: F362757956

Type/Print Name and Title of Authorized Representative:

Brian M. Calderone - Senior Associate & Unit Manager

Signature:  Date: June 11, 2020

**Failure to sign or changes to this page shall render your bid non-responsive.**



Issue Date

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

**SOLICITATION, GIVING, AND ACCEPTANCE OF GIFTS POLICY**

Florida Statute 112.313 prohibits the solicitation or acceptance of Gifts. - "No Public officer, employee of an agency, local government attorney, or candidate for nomination or election shall solicit or accept anything of value to the recipient, including a gift, loan, reward, promise of future employment, favor, or service, based upon any understanding that the vote, official action, or judgment of the public officer, employee, local government attorney, or candidate would be influenced thereby.". The term "public officer" includes "any person elected or appointed to hold office in any agency, including any person serving on an advisory body."

The City of Hollywood policy prohibits all public officers, elected or appointed, all employees, and their families from accepting any gifts of any value, either directly or indirectly, from any contractor, vendor, consultant, or business with whom the City does business.

The State of Florida definition of "gifts" includes the following:

- Real property or its use,
- Tangible or intangible personal property, or its use,
- A preferential rate or terms on a debt, loan, goods, or services,
- Forgiveness of indebtedness,
- Transportation, lodging, or parking,
- Food or beverage,
- Membership dues,
- Entrance fees, admission fees, or tickets to events, performances, or facilities,
- Plants, flowers or floral arrangements
- Services provided by persons pursuant to a professional license or certificate.
- Other personal services for which a fee is normally charged by the person providing the services.
- Any other similar service or thing having an attributable value not already provided for in this section.

Any contractor, vendor, consultant, or business found to have given a gift to a public officer or employee, or his/her family, will be subject to dismissal or revocation of contract.

As the person authorized to sign the statement, I certify that this firm will comply fully with this policy.

  
SIGNATURE

Brian M. Calderone, PE  
PRINTED NAME

Wiss, Janney, Elstner Associates, Inc. Senior Associate & Unit Manager  
NAME OF COMPANY TITLE

**Failure to sign this page shall render your bid non-responsive.**

Issue Date

City of Hollywood, Florida  
Solicitation # RFQ-4625-20-JE

**DRUG-FREE WORKPLACE PROGRAM**

IDENTICAL TIE BIDS - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program (if such is available in the employee's community) by, any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of these requirements.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

*Jeannette M. Ray*

VENDOR'S SIGNATURE

PRINTED NAME

NAME OF COMPANY

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### **SUBSTANCE ABUSE**

WJE has a long-standing commitment to providing a safe working environment. The unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in all WJE workplaces and on WJE projects.

#### **Implementation**

Per federal drug-free workplace regulations, it is the responsibility of each employee, as a condition of continued employment, to:

1. Abide by the terms of the regulations described herein.
2. Notify the manager of Human Resources of any criminal drug statute conviction for a violation occurring in the workplace no later than five days after such conviction.

It is WJE's responsibility to notify the government contracting office on each government contract within ten days of receiving such notice of conviction of an employee (performing work under the contract) from the employee or other sources.

Within thirty days after receiving notice of conviction of an employee, it is WJE's responsibility to implement the following sanctions or remedial measures:

1. Take appropriate personnel action against the employee, up to and including discharge; or
2. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

#### **Specific WJE Guidelines**

WJE intends to provide a safe working environment. Substance abuse in the workplace jeopardizes the safety of all employees. Therefore:

- WJE offers, through its group health insurance program and employee assistance program, confidential help for any employee with a substance abuse problem.
- WJE will not knowingly hire active substance abusers or those who recreationally use illicit drugs.
- WJE will not knowingly employ individuals who profit from the sale of illegal drugs, whether in its facilities or in the community.
- In some instances, further drug and alcohol screens are required by our clients. Please be advised that all employees are subject to screening protocol, which can include random toxicological screening or screening of employees before commencing work on a project.
- WJE reserves the right to conduct investigatory toxicological screening of a current employee if the individual appears to be impaired or unfit for duty. WJE may consider an employee to be impaired or under the influence if WJE has a good faith belief that an employee manifests specific symptoms while working that decrease or lessen the employee's performance of the duties or tasks of the employee's job position, including symptoms of the employee's speech, physical dexterity, agility, coordination, demeanor, irrational or unusual behavior, or negligence or carelessness in operating equipment or

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machinery; disregard for the safety of the employee or others, or involvement in any accident that results in serious damage to equipment or property; or carelessness that results in any injury to the employee or others.

WJE desires to provide employees with the opportunity to seek confidential assistance in handling personal problems that may be contributing to marginal job performance before such problems render them unemployable. Early identification of a problem and prompt corrective action can make an important difference in an employee's general health, overall well-being, and job performance.

The decision to seek diagnosis and treatment for substance abuse is the responsibility of the employee. However, an employee will be required to seek treatment when it appears that substance abuse may be the cause of substandard performance.