



### EDUCATION

**The University of Texas at San Antonio**

*M.S. Civil Engineering, 2022*

**Tecnologico de Monterrey**

*B.S. Civil Engineering, 2019*

### PRACTICE AREAS

- Forensic Investigation
- Structural Evaluation, Analysis, and Design
- Repair and Remediation
- Destructive and Nondestructive Testing

### PROFESSIONAL AFFILIATIONS

- American Concrete Institute (ACI)
- American Concrete Institute, Central Texas Chapter

### EXPERIENCE

Jesus Silverio Perez serves as a graduate engineer at Carrasquillo Associates (CA), contributing his expertise to a variety of projects involving the evaluation of existing structures through nondestructive testing. His project portfolio includes airport runway investigations, PT slab assessments, and material investigations.

Prior to joining CA, Jesus collaborated with the UTSA Center for Cultural Sustainability on the project titled 'Disaster Proof Texas Heritage.' He actively participated in developing an action plan focused on creating Resilience Performance Indicators to safeguard historic buildings located in hurricane-prone regions of Texas.

Jesus holds a Master's degree in Structural Engineering from UTSA (awarded in 2022) and a Bachelor's degree from Tec de Monterrey, Mexico (earned in 2019). With a strong background in construction, Jesus previously worked as a construction supervisor in Mexico, further enriching his understanding of structural engineering and construction practices.

### SELECTED PROJECTS

#### Forensic Investigation

- Investigation of PT Reinforced concrete slab in Bentonville, AR
- Investigation of Shear Walls and Concrete Slabs structural systems Austin, TX
- Investigation of several house foundations in Central Texas Area, TX
- Investigation of Pavement distress Houston, TX
- Investigation of an Airport Taxi Lane construction San Antonio, TX
- Investigation of a Military Runway El Paso, TX
- Investigation of a Concrete High-Rise Building in Austin, TX
- Production of a Mass Concrete Temperature Control Plan in Odessa, TX

#### Destructive and Non-Destructive Testing

- Ground Penetrating Radar (GPR) Scanning of a Concrete PT Slab: Bentonville, AR
- Ultrasonic Pulse Velocity (UPV) in shear walls and columns: Austin, TX

### CONTACT INFO

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