

# RAFAEL PEREZ

---

## EXPERIENCE

### **June 2019–January 2020** Geotechnical Civil Engineer, Geotest Engineering Inc., Houston, TX

Conducted and analyzed retaining structures, underground facilities, rock and soil mechanics, and geotechnical applications

Prepare geotechnical data reports, calculations, report recommendations, and conduct modeling.

Managed and controlled project operations by reviewing soil classification, field reports, concrete mix designs, closing summary reports, providing proper specifications, plans, and requirements to provide safe and effective building methods.

Provided laboratory analysis such as borings, proctors, sieves, lime stabilization series, tri-axial tests, atterbergs limits tests, and compressive strength on soil and concrete.

Performed geotechnical engineering analysis and recommendations for contractors and other engineering disciplines including coordinating meetings.

### **October 2016–April 2019** Senior Project Engineer/QC Manager- Primoris Heavy Civil, Houston, TX

Evaluated and revised sediment and erosion control inspections, pavement design procedures and temporary traffic controls.

Managed project costs, project scheduling and project requirements efficiently meeting deadlines and budget requirements up to 25 million dollars.

Analyzed and monitored work performed before, during and after construction to meet FAA and TXDOT design specifications.

### **July 2015 – October 2016** Project Manager – Furgo Consultants, Inc., Houston, TX

Prepare geotechnical data reports, calculations, report recommendations, and conduct modeling.

Prepared and reviewed project contracts, specifications and drawings for clients and field technicians.

Reviewed and analyzed project specifications, plans, field operations, field reports, laboratory tests and procedures to provide accurate design parameters, codes, methods, and information to the client.

### **July 2013 – December 2014** Civil Engineer – United Consulting Group, Norcross, GA

Conducted phase I and phase II environmental site assessments including soil and water sample and testing.

Monitored and analyzed groundwater wells, water quality controls and wetland evaluations.

Performed and analyzed field geotechnical engineering operations such as borings, and auger penetrometers to provide accurate information, design parameters and safety standards for the client.

Monitored and conducted field materials engineering operations such as grading operations and foundation bearings to assure that project specifications were met.

## EDUCATION AND TRAINING

Kennesaw State University, Atlanta GA, Bachelor of Science, Civil Engineering, May 2013

American Society of Civil Engineers (ASCE) 2011 - present

American Concrete Institute (ACI) 2012 – present