

(904) 806-8988 EDDIEBREZAJR@GMAIL.COM



Edward Breza specializes in Civil Engineering Project Planning, Design, and Construction. He is a hard-working leader whose technical capabilities and attention to detail are equally matched by his enthusiasm and energy, which he brings to every project assigned him. "Eddie" has managed civil site works design/construction throughout his career & most recently on Power Plant installations around the globe. He has served in the public *and* private sectors in *both* design and construction. He also has experience in Civil Site Contracting, serving in the roles of *both* Project Manager & Estimator. He has significant experience as the owner's contract administrator/representative, assuring total project quality and serving as a CEI (Construction Engineering & Inspection) Project Engineer. Overall, Eddie is a well rounded and experienced individual.

Key Expertise

- Site Safety and Security
- Engineering Civil Design
- Construction Management
- Construction Estimating
- Contract Administration
- Federal civil works and military construction
- Electrical Power Generation Station Design (Civil Features)
- Surveying

DB Civil Construction, Project Manager/Estimator 9/20-present
St Augustine Florida
Estimating & managing municipal and private heavy civil/underground utilities projects.

APR Energy, Civil Engineering Design & Construction 5/18-8/20
Jacksonville Florida, Worldwide
Civil Engineer, responsible for survey, design, construction, Projects including design engineering & construction in support of Gas Turbine & Reciprocating Diesel Power Plants in USVI, Argentina, Australia, Mexico, Africa, Dominican Republic, and Bangladesh. Collateral duties include management of the IT Container and Master Control Room designs, Hurricane preparedness and anchoring of APR assets abroad, and spearheading the Robotic Total Station purchase and implementation. Eddie was solely responsible for the survey layout and as-built activities in the company. Project details as follows:

Peaking Power, 80MW Gas Turbine
SAAVI, Mexico

Civil Engineer supporting the design, layout, and construction of the site and switchyard. The plant incorporated 3 gas turbine generators, MV switchyard, 100MVA Main Power Transformer, HV switchyard, natural gas distribution and RO demineralized water plant and storage. Project involved the design and construction management of the site, civil works, foundations, and general arrangement of the plant.

Bridging Power, 80MW Gas Turbine
Marathon Oil, Equatorial Guinea

Civil Engineer supporting the design, layout, and construction of the site and switchyard. The plant incorporated 3 gas turbine generators, natural gas distribution, MV switchyard, 100MVA Main Power Transformer, and HV switchyard. Project involved the design and construction management of the site, civil works, foundations, and general arrangement of the plant.

Emergency Power, 100MW Gas Turbine
AES Dominica, Dominican Republic

Civil Engineer responsible for the layout and construction of the site and switchyard. The plant incorporated 4 gas turbine generators, natural gas distribution, and associated auxiliary equipment. Project involved the design and construction management of the site, civil works, foundations, and general arrangement of the plant.

Bridging Power, 300MW Diesel Power Module

Bangladesh Power Development Board, Bangladesh

Civil Engineer supporting the design and construction of the site and switchyard. The plant incorporated 256 diesel power modules, 11 MV switchyards, 4x90MVA Main Power Transformer, 4 HV switchyards, 2 capacitor banks, 2x10 million-liter fuel storage tanks, multiple admin and support buildings, and fuel offloading jetty covering 19 acres. Design and construction management of the site civil works, fuel storage, and fire protection systems.

Professional Registration
Intern Engineer, NC, FL

Fluency in Spanish

Certification/Training
OSHA 10 Certified
Construction Quality Mgmt
(COE)
Red Cross First Aid
FDEP Stormwater Inspector

Office Suite
MS Project
Heavy Bid Estimating
Hard Dollar Estimating
AGTEK Earthwork
Trimble
AutoCAD Civil 3D

Professional Affiliations
American Society of Civil
Engineers
American Legion

Education
B.S. Civil Engineering, NCSU,
Minor in Spanish
1993

Years of Experience: 27

Presently preparing for the
Professional Engineering Exam
and Registration

Demobilization, 60MW Gas Turbine
PEMEX, Salina Cruz, México
Civil Construction Manager for the rapid demobilization of 2 gas turbines, diesel fuel distribution and storage systems, and auxiliary systems for an emergency power generation effort following the earthquake. Demobilized in 30 days.

Florida Roads Contracting 1/15-1/18
Project Engineer/Estimator, Jacksonville Florida
Managed, estimated and bid major residential development sites for major builders such as Pulte, Toll Brothers, DR Horton, Dream Finders and more. Managed all project aspects for site works and construction from cradle to grave. Responsible for client and all stakeholders' relationships. Responsible for overall budget and success of the project.

Sayar Enterprises dba Southern Development aka Metric Civil 1/10-12/15
Project Engineer/Estimator, Project Engineer, Jacksonville FL & Kabul AF
Managed, estimated and bid major residential development sites for any and all major builders in the Northeast Florida area. One of the most notable projects lasted for nearly two years at the US Embassy in Afghanistan. Managed all project aspects for site works and construction from cradle to grave. Responsible for client and all stakeholders' relationships. Responsible for overall budget and success of the project.

CH2M Hill, Civil Roadway Designer, Jacksonville, Florida 1/07-12/09
Responsible for all facets of roadway design projects for a world leading engineering firm to include earthwork, roadway, drainage, utilities, and pavement design. Managed and mentored junior engineers. Project clients included Florida Department of Transportation, Texas Department of Transportation, and Washington Department of Fish and Wildlife.

JEA, Electric, Water, Sewer Authority 1/00-12/06
Design Engineer, Manager of Joint Projects, Manager of Byproducts, Jacksonville Florida
Responsible for the design of the water, wastewater, and pumping stations for many areas of the entire JEA service area (City of Jacksonville). Reports directly to the Director of Inter-Agency Initiatives, had 4 direct and 25 indirect reports. Responsible for integration/relocation of water/wastewater/electric facilities for JTA & FDOT roadway projects. Initiated innovations in the methods of contracting utility companies' relocations and roadway contractor work which is now used in local municipalities. Annual Project Budget \$25M with many projects successfully executed. Responsible for the disposition of byproducts of CFB Boiler waste facility. Responsible for a \$7M budget annually. Acquired approvals for byproduct use in FDOT and Duval County roadways.

Reynolds, Smith, & Hills, Inc., Jacksonville, Florida 1/99-12/99
Project Engineer, Construction Engineering & Inspection, Contract Administrator
Reports directly to Resident Engineer and the Chief Engineer for the JTA, had 2 direct and 15 indirect reports. Contract administration (Heavy Highway/Bridge Construction). Construction Engineering Inspection (CEI) for two major roadway projects. Construction engineering control and layout management. Recordkeeping for payment, construction meetings etc. Public affairs/State and Federal Agency and multidisciplinary works. Key Projects: Southside & Beach Bridge and Roadway - Duval County FL - \$12M, Monument Road Widening/Reconstruction- \$10M.

LB Smith, Inc, Sales Engineer, Jacksonville, Florida 1/98-1/99
Responsible for five-county sales territory for heavy equipment sales. Trained to understand the technical capabilities of all roadway construction equipment. Annual sales of \$700K.

FEC Railway Co., Asst. Railway Engineer, St Augustine, Florida 1/97-1/98
Reported directly to the Chief Engineer, had 10 direct reports. Responsible for Budget, Project Management and Operation and Maintenance of the Bridges, Buildings, and Facilities for the entire Railway Company. Responsible for the High, Wide and Heavy movements including NASA space equipment (space shuttle). Annual Budget of \$40M.

North Carolina Dept. of Transportation, Asst. Resident Engineer 1/94-1/97
Reported directly to the Resident Engineer and Division Engineer, had 12 direct reports. Contract administration (Heavy Highway Construction). Construction inspection management – multidisciplinary. Construction engineering control and layout management. Recordkeeping for payment, construction meetings etc. Public affairs/State and Federal Agency and preconstruction interaction. Key Projects: I-26 (A10-B) New Roadway Construction – Madison County NC, \$15M, I-26 (A-10C) New Roadway Construction – Madison County NC, \$106M (largest contract in state history).

United States Marine Corps, Sergeant of Marines, Various Locations 1/84-1/97
Reported directly to Platoon Commander, had 4 direct reports and nearly 50 indirect reports. Managed all personnel issues, wrote fitness reports, arranged for all training exercises and work activities. Set the highest example of mental, physical, leadership possible.