



## Professional Engineering Services for Infrastructure and Transportation Projects

### Firm Overview:

GMA Engineering is a WBE/DBE-certified firm that provides program management, owner's representation, and structural engineering consulting services. We specialize in the transportation industry including bridge, tunnel, rail, marine, and other structures. We are known for providing technical solutions for our clients' diverse needs. Our projects range from small studies to some of the largest design-build mega-projects.

GMA employs professional, technical, and creative personnel. GMA is based in New York City and is authorized to provide professional engineering services in New York, New Jersey, and Georgia.

### Core Competencies:

- **Program Management/Owner's Representation**
  - GMA utilizes its diverse experience in design, construction, procurement, and contract administration to provide exceptional Program Management and Technical Representation
- **Structural Engineering**
  - Experience in New Construction, Rehabilitation, Retrofit, and Construction Engineering
  - Finite Element Structural Modeling, including Non-Linear, Seismic, & Construction Sequencing Analyses
  - Detailed design using latest Steel, Concrete, and Timber Codes
- **Construction Engineering & Value Engineering**
  - Intermediate Condition Evaluation, Erection, and Demolition Designs
  - Evaluation of proposed designs to identify possible cost or time savings
- **Resident Engineering, Inspection & Construction Support Services**
  - Construction Inspection & Document Control
  - Contract Modifications & Claim Analysis
- **Drafting Services**

### Differentiators:

GMA has experience solving complex challenges in small to multi-billion private, public, design/build, & P3 projects.

- Mega Project Design-Build Experience
- Full Project Lifecycle Experience
- Program/Project Management
- Contract Management

### Client Experience:

- Metropolitan Transit Authority
- Port Authority of New York and New Jersey
- National Railroad Passenger Corp. (Amtrak)
- New York State Department of Transportation
- New York State Thruway Authority
- Massachusetts Bay Transit Authority

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