

The professionals at Triunity, Inc. are committed to delivering best-in-class engineering, project controls, and construction management services.

COMPANY BACKGROUND

Triunity is a professional services firm, providing engineering and program management /construction management (PM/CM) services for some of the nation's most challenging transportation and infrastructure projects. Founded in 2003, Triunity specializes in program and project management, construction management (PM/CM), and engineering services for infrastructure, transportation, transit, and aviation markets. Our firm also specializes in engineering and management and has expertise in comprehensive project controls. Since its inception, Triunity has continued to broaden its engineering capabilities to include Intelligent Transportation Systems (ITS), electrical, construction and civil engineering.

With a staff of more than 90 professionals, Triunity brings to every project practical experience, best practices and lessons learned from work throughout the United States. As a DBE certified firm in Massachusetts, Colorado, Washington, and California, Triunity has a vested interest in advancing our client's vision of improving the participation of DBE firms in the nation. Our DBE utilization approach emphasizes harnessing the strengths of local DBE firms that are well-known and respected, while also offering the breadth and depth of specialty firms to meet all the needs and potential challenges of project improvements. At Triunity, we are committed to client satisfaction, high quality work, and employee professionalism while adding value to our community and industry.

Small Business Certifications

- » Disadvantaged Business Enterprise (DBE)
- » Minority Business Enterprise (MBE)

FIRM CAPABILITIES:

Program Management & Controls

- » Project Management
- » Scheduling & CPM Analysis
- » Project Scope & WBS Development
- » CPM & Time Impact Analysis
- » Cost Estimating
- » Policies & Procedures
- » Earned Value Management
- » Documentation Configuration & Controls

Project Management Information System Capabilities (PMIS)

- » Estimating and Cost management
- » Schedule Management
- » Document Management
- » Risk Management
- » Change Management

Electrical Engineering

- » Medium Voltage Design
- » Power Distribution & Energy Monitoring
- » Lighting Design
- » Roadway Design
- » Transit/BRT Design

Communications & Controls Engineering

- » Intelligent Transportation Systems (ITS)
- » Communications Network & Fiber Optics
- » Closed-Circuit Television (CCTV)
- » Passenger Information Systems
- » SCADA

Construction Management

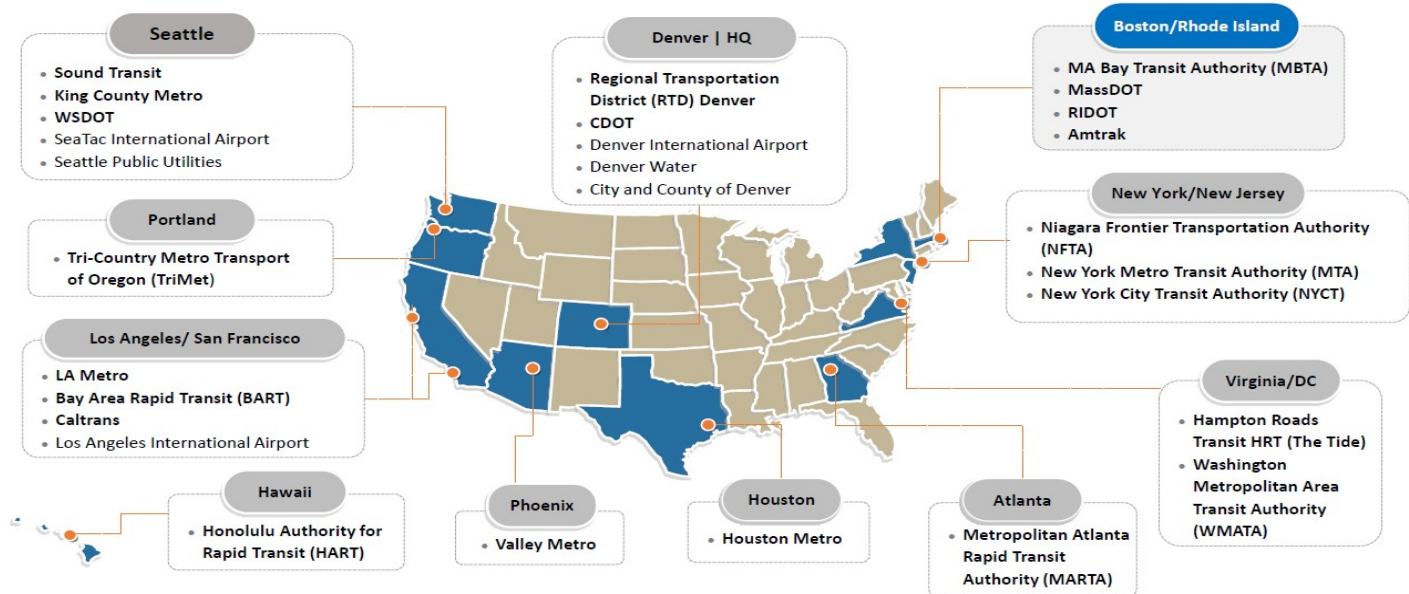
- » Construction Administration
- » Construction Inspections & Reviews
- » Construction Safety
- » Utility Owner Coordination
- » Utility Relocations & Installations
- » Utility Design & Construction Oversight
- » Environmental

Civil Engineering

- » Roadway Design
- » Site/Civil Design
- » CADD
- » BIM



WHERE WE WORK



SUBCONSULTANT TO EAST REGION PROJECTS

- » **MBTA Red/Orange Line PMCM administration**, PMCM Oversight services in support of Red and Orange Line infrastructure and vehicle improvements
- » **MBTA OCE GEC - Southampton Bus Parking Lighting**, design plan sheets in AutoCAD format, for visibility and safety improvements
- » **MBTA Tenean Redline Power**, electrical engineering services
- » **MBTA AC Load-Flow Study and Protective Relay Settings**, provided electrical inspection, CAD, and power support for modeling MBTA's AC system
- » **MassDOT Statewide Program & Project Controls Support Services**, on-call services to assist the Highway Division in schedule and cost control during the design and construction of capital projects
- » **PANYNJ Lower Manhattan Recovery Office WTC Transportation Hub FTA PMOC** development, testing and commissioning of low voltage systems radio, fire alarms, security, controls and SCADA, wayfinding, public address, and their systems integration

EXPERIENCE WITH DESIGN-BUILD, CM/GC, P3, AND OTHER INNOVATIVE PROJECT DELIVERY METHODS

Triunity's founders, Jonnie and Marvin Thomas, started the company providing light rail controls, SCADA design, and construction oversight on the CDOTT-REX project, which at the time was one of the first transportation infrastructure programs in the U.S. to use a design-build contract. Since then, Triunity has provided project and program management, construction management, and design services on multiple alternative delivery infrastructure projects across the US.

We use our experience with innovative project delivery methods to help our clients select the best delivery method for their projects and programs.

- » **FasTracks Eagle P3 (Denver RTD)**: project and construction management oversight
- » **West Santa Ana Branch (LA Metro)**: SCADA, security, communications and project scheduling
- » **Central 70 (CDOT)**: ITS design along the corridor, building civil design.



- » **Pena Boulevard Project Management Team (Denver International Airport)**: project controls, ITS, and utilities on the Phase I design-build and owner's representative services on Phase II



- » **FasTracks Union Station**: construction and commissioning oversight
- » **C-470 Express Lanes**: design and construction oversight to integrate ITS, V2I, and tolling