

Firm Overview

Program Management Professionals Since 1971

PMA SERVICES



PMA Consultants (PMA) is an international program management consulting firm founded in 1971. The PMA team is made up of experts in a variety of specialty areas, with experience on major projects nationwide. PMA delivers programs and projects for clients from start-to-finish, exceeding client expectations at every phase of the project. Our program/project managers serve clients throughout the life of a project, and have become trusted partners in protecting our clients' interests over time.



PMA performed project controls and training services on the \$508 million renovation of the Old County Railroad in Weymouth, MA

OVERALL PROGRAM MANAGEMENT & INDIVIDUAL SPECIALTY SERVICES

Our corporate philosophy is based on developing sustained, long-term relationships with our clients. PMA can provide you with:

1. Complete program management services on an entire project;
2. Individual services to supplement your own expertise; or
3. Expert services to solve distressed project situations.

Whether you need a consultant to provide an overall strategy to deliver your project from concept to completion (on a total

project basis), or to provide specialty services in one project area, PMA can provide you with experts who can help the decision makers in your firm execute your vision.

PMA has provided consulting and expert services on transportation, hospitality/entertainment, mixed-use, institutional, architectural, infrastructure, healthcare, airport, environmental, power, water/wastewater, and manufacturing projects exceeding \$80 billion.

TRANSPORTATION EXPERIENCE

PMA has extensive project management experience on major public and private transportation/infrastructure projects nationwide. Services provided include value engineering (New Hampshire and Florida DOT, Massachusetts Turnpike Authority, Massachusetts Highway Department); claims consulting (Massachusetts Bay Transportation Authority, Massachusetts Port Authority, Louisiana DOT); Project Management (Illinois State Toll Highway Authority); cost estimating (Chicago DOT); scheduling, claims analysis and contract administration (Massachusetts Turnpike Authority and Massachusetts Highway Department); bid package and contract document review (MTA Capital Construction); and training (Federal Highway Administration).

FOCUS ON LONG-TERM RELATIONSHIPS

PMA is a privately-held independent firm specializing in innovative solutions for design, procurement, and construction. Our unique leadership structure facilitates long-term relationships with clients, while maintaining PMA's independence and specialization within the industry.



SERVING

- Corporate & Manufacturing
- Education
- Government & Public
- Healthcare
- Hospitality & Recreation
- Mixed-Use Buildings
- Oil, Gas & Energy
- Pharmaceuticals & Life Sciences
- Transportation
- Water, Wastewater & CSO

LEADING CONSTRUCTION MANAGEMENT FIRM

PMA is ranked 33rd and 30th in *Engineering News-Record's* (ENR) latest survey of the Top 40 Program Management and Top 100 CM Firms in the category of Construction Management-for-Fee. The ranking was published in the June 11, 2007 issue of *ENR*. Companies are ranked based on total 2006 revenue for construction management or program management services performed as a professional service for a fee.

FIRM ORGANIZATION

PMA is owned and led by Dr. Gui Ponce de Leon as it has been for the past 35 years. Over this time PMA has grown its management staff to support the wide range of services PMA provides across the country. Each member of the Executive Leadership team is tasked with not only the growth of PMA in their particular region of the country, but with the development of the staff. Our leaders seek professionals who will embrace our vision to be the preeminent consultant in program, project, and construction management.

OFFICES NATIONWIDE

PMA has offices in Ann Arbor, Boston, Chicago, Fort Lauderdale, Lansing, Miami, Houston, New York, Newark, Philadelphia, Phoenix, Puerto Rico, Orlando, Tampa, and Washington D.C. with our corporate headquarters located in Detroit, Michigan.

PMA Services

PROGRAM SOLUTIONS

PMA's approach to program management begins with our team of professionals applying the requisite knowledge, skills, tools, and techniques to meet and exceed project stakeholders' needs and expectations. Competing demands of scope, quality, time, cost, various stakeholders' differing priorities and expectations, and other unidentified expectations must be balanced. PMA achieves this balance by using the following project management knowledge areas (and their underlying management processes):

- Scope management
- Time management
- Communications management
- Procurement management
- Contract management
- Dispute management
- Cost management

PMA develops overall integrated master programs for management of budgets, expenditures, and schedules to achieve the most effective use of available time and resources. PMA has extensive experience developing and implementing project management and control systems on major public and private projects. PMA understands the critical need for a comprehensive controls program that controls scope and cost and that maintains the schedule on our client's programs and projects. PMA also understands the importance of keeping all stakeholders informed of the program's status. By working closely with our clients, PMA can implement a project management and control system that ensures the program is constructed with the most effective budget and time sensitive approach possible.



SPECIALTY SERVICES

Within the areas of program and project management there are a number of factors that may need special attention. PMA's highly skilled staff not only manages projects as a whole, but also offers the following customized services to address just these areas.

- Project Controls
- Schedule Management
- Cost Management
- Cost Estimating
- Design Reviews
- Procurement
- Change Order Administration
- IT Services
- Certified Primavera Solutions Provider

EXPERT ANALYSIS

PMA's hands-on experience on real-life projects has consistently proven invaluable in the expert arena or in after-the-fact analysis of disputes and claims.

- Value Engineering
- Claims
- Dispute Resolution
- Expert Witness/Litigation Support

Expertise

Following is a brief overview of staff available to assist the Federal Transit Administration. PMA offers senior staff with years of experience in project management. We would be happy to furnish additional resumes if requested.

Matthew R. Beebe, P.E. has a long and exceptional record of developing and leading people to achieve outstanding results. He has more than twenty four years in all aspects of engineering management and recently joined PMA after retiring from the United States Navy. His experience while with the Navy ranged from field level facilities planning and operations to corporate level programming and transformation. He has been successful in leading many diverse teams in providing superior customer service to demanding clients in challenging environments. Mr. Beebe is the head of PMA's Washington DC office.

Richard P. Martone has significant expertise in claims review, negotiation, estimating, contract engineering, change-order analysis, cost estimating, project controls, CPM scheduling, and other aspects of engineering and construction management. Mr. Martone served with the Washington Metropolitan Area Transit Authority, where he was responsible for the presentation of independent cost analyses and estimates for complex multimillion dollar construction claims as an expert witness before the Corps of Engineers' Board of Contract Appeals. He currently serves as deputy director of claims and changes for the Massachusetts Turnpike Authority's Central Artery/Tunnel (CA/T) project where he has overall responsibility for a team of 80 claims analysts.

Bruce M. Stephan, P.E., JD is a professional civil engineer with over seventeen years of responsible and very diversified hands-on project management experience. His duties have included claims preparation, field supervision, subcontractor coordination, planning and scheduling, estimating, contract drafting, marketing, and design. He has served as a systems project manager and a claims analyst for multi-billion dollar transportation programs. Mr. Stephan heads PMA's presence in New York and Newark.

Richard J. McAfee, P.E. brings more than 30 years experience directing project management, capital planning, construction, operation, and maintenance of infrastructure to PMA's clients. He has served as program manager for the expansion of the Orange County Correctional Complex, and he is the owner's representative for continuing contracts with the Greater Orlando Aviation Authority, Orange County Utilities, and the City of Orlando. Prior to joining PMA, Mr. McAfee served on active duty as a senior officer in the United States Navy. As Head of Programs and Congressional Coordination, he successfully led the development of the Navy's \$450 billion six-year plan. He also led Navy participation in the review process to the Secretary of Defense and the United States Congress. Upon approval by Congress and the president, he then managed the program.



Transportation and Project Management Highlights

PROJECT NAME & LOCATION	SERVICE HIGHLIGHTS	DESCRIPTION
Massachusetts Bay Transportation Authority Greenbush Line Weymouth, MA	<ul style="list-style-type: none"> Primavera Consulting Project Controls Training 	This \$508 million section of the Old Colony Railroad Rehabilitation project will restore commuter rail passenger operations on 17.7 miles of historic right-of-way, serving several coastal communities on Boston's south shore. The line will serve 8,400 riders per day, relieve congestion on local highways, and reduce air pollution.
Massachusetts Bay Transportation Authority (MBTA) Silver Line Boston, MA	<ul style="list-style-type: none"> Claims Consulting Project Controls Value Engineering 	The \$99 million Silver Line project is MBTA's fifth rapid-transit line, consisting of a seven-mile transit line that will connect directly to the existing subway system. The tunnel will be designed to accommodate both existing light-rail cars and dual-mode buses.
Port Authority Trans Hudson (PATH) World Trade Center (WTC) Transportation Hub New York, NY	<ul style="list-style-type: none"> Cost Management / Cost Estimating Risk Assessment Value Engineering 	This \$2 billion project was designed by world-renowned architect Santiago Calatrava to serve as a source of inspiration for the heroes, survivors, and families of September 11th, as well as for those who live and work in and visit Lower Manhattan. The terminal includes the dramatic Wedge of Light Plaza and allows easy access to the memorial district. This terminal will serve more than 80,000 passengers and will significantly improve pedestrian access to ferry and subway lines.
Lower Manhattan Construction Command Center (LMCCC) New York, NY	<ul style="list-style-type: none"> Primavera Consulting Scheduling 	The LMCCC is charged with coordination and oversight of all Lower Manhattan construction projects, including street rehabilitation, transportation infrastructure, and private commercial projects, along with the World Trade Center site. The primary aim is to communicate information between projects and the community to minimize the impact of ongoing and future construction projects.
Metropolitan Transit Authority (MTA) - Eastside Access (ESA) New York, NY	<ul style="list-style-type: none"> Bid Package Review Schedule Review Cost Management / Cost Estimating 	This project is a \$6.5 billion program that will bring Long Island Rail Road trains into New York City's Grand Central Terminal from Amtrak's Sunnyside Park in Queens. The program involves multiple projects in various facilities around the metropolitan area.
Metropolitan Transportation Authority (MTA), Fulton Street Transit Center New York, NY	<ul style="list-style-type: none"> Scheduling 	This \$880 million project incorporates six Lower Manhattan subway stations, improving connections between 12 subway lines affecting hundreds of thousands of passengers. This project also links NYC transit with the PATH service and the World Trade Center site.
New York City Transit Authority (NYCT) Second Avenue Subway New York, NY	<ul style="list-style-type: none"> Scheduling 	This project is a multibillion dollar eight-mile expansion of the NYCT subway system, which will run underground in a major urban area with extensive buried infrastructure over its entire route length; the project will also include six new subway stations.
Massachusetts Bay Transportation Authority (MBTA) Boston, MA	<ul style="list-style-type: none"> Claims Consulting 	The MBTA has a number of large construction projects under way as part of their \$1 billion capital program. They will replace, upgrade, and add additional services to an aging public transportation system.
Amtrak Life Safety Program New York, NY	<ul style="list-style-type: none"> Claims Consulting Cost Management / Cost Estimating Project Audit Schedule Analysis 	The Life Safety Program contracts included a \$66 million construction contract, an \$8.5 million construction management contract, and a \$3.7 million construction phase services contract.



PROJECT NAME & LOCATION	SERVICE HIGHLIGHTS	DESCRIPTION
Massachusetts Bay Transportation Authority (MBTA) Project Controls System Boston, MA	<ul style="list-style-type: none"> IT Consulting Project Controls 	This \$400 million capital improvement program included 150 design and construction contracts.
Massachusetts Bay Transportation Authority (MBTA), On-Call Audit Services Boston, MA	<ul style="list-style-type: none"> Claims Consulting 	PMA was part of a pool of professionals competitively selected to provide on-call audit services for the MBTA Audit Services Department.
Chicago Transit Authority Howard Street Reconstruction Chicago, IL	<ul style="list-style-type: none"> Scheduling Change Order Management 	The \$56.7 million expansion phase of the Howard Station on the Red Line will create a state-of-the-art station. The work includes renovating the existing station house and platform areas; upgrading communications, electrical and lighting systems; and modern conveniences for passengers.
Damen, Montrose, Addison & Irving Park Brown Line Station Renovations Chicago, IL	<ul style="list-style-type: none"> Scheduling Change Order Management 	Part of a \$530 million expansion project to upgrade the 100 year old brown line, the \$60 million phase of the Damen, Montrose, Irving Park and Addison Station rehabilitations will expand the station platforms to support eight-car trains instead of the current six-car trains. They also aim to make the stations accessible to people with disabilities and provide modern transportation conveniences to passengers.
Massachusetts Turnpike Authority (MTA) Central Artery Tunnel (CA/T) Boston, MA	<ul style="list-style-type: none"> Project Management Change Order Management Claims Consulting Contract Administration Primavera Consulting Scheduling 	This \$14.6 billion project is the largest infrastructure project in the country. It involves extending I-90 under the Boston Harbor to Logan International Airport and replacing the existing I-93 highway viaduct with a newly constructed tunnel.
Florida Department of Transportation (FDOT) District 5 Deland, FL	<ul style="list-style-type: none"> Value Engineering 	The program consists of various FDOT projects in District 5.
Illinois Tollway Congestion Relief Plan Northeastern, IL	<ul style="list-style-type: none"> Project Controls Change Order Management Cost Management / Cost Estimating Scheduling 	In September 2004, the Illinois Tollway Board of Directors approved development and funding for a 10-year \$5.3 billion plan known as Open Roads for a Faster Future. Given the size and duration of the program, the board decided to set up a program management office (PMO) to assist senior tollway management with the delivery of this long-range plan.
DuPage County Department of Transportation - Harbour Contractors DuPage County, IL	<ul style="list-style-type: none"> Construction Management 	This project included a trench drain replacement for the DuPage County Division of Transportation and Highways (\$150K) and a reconstruction of the York Road and Supreme Drive Intersection (\$215K). Specific elements of construction included earthwork, sub-grade preparation, placement of granular sub-bases, engineered fill, sewers, concrete curbs and gutters, concrete and bituminous pavements, and landscaping.