



RAIL & TRANSIT CAPABILITIES

Part of a diversified family of solutions

jmt.com





About Us

JMT is a multidisciplined consulting firm that offers a full array of consulting services. As an agent of the owner, we assume a proactive stance to anticipate problems and develop solutions before programs and projects are adversely affected, allowing the owner to maintain schedule, cost, and quality.

We understand that successful transit systems take people to places for people. In addition, urban design creates an environment that is pedestrian friendly and enhances the overall quality of life. Transit and urban design must work together to establish a community that provides mobility choices and is convenient, efficient, and aesthetically pleasing. The result is an area that is a more desirable location to work, live, and play.

Our solutions incorporate the following guidelines: the final product enhances the urban design and overall feel of the region; it ensures that mobility for transit users, pedestrians, bicyclists, and motorists is taken into account; and it is context sensitive towards implementing the vision of the communities.



At JMT, we understand transit.

Public transportation continues to be an integral component of transportation networks in the 21st century. For more than 20 years, JMT has provided transit agencies and railroad companies with professional planning and design, environmental, and construction phase services for both new transit facilities and the expansion and/or improvement of existing facilities.

JMT has performed passenger rail corridor and station planning; design of station platforms, railroad bridges, pedestrian tunnels and bridges, shelters, and park-n-ride lots; track design and inspection; multi-modal transit center planning and design; building rehabilitations; and planning, design, and construction management for maintenance and storage facilities.

Modes

- Heavy Rail
- Light Rail
- Metro
- Bus
- Pedestrian/Bicycle
- Paratransit

Our professional, highly-trained and experienced personnel deliver a wide array of services for a variety of transit agency projects.

- | | |
|----------------------------------|---|
| Architecture | Public Involvement/
Community Outreach |
| Civil Engineering | Right-of-Way |
| Environmental | Site Design |
| Facilities | Stations |
| Forecasting | Structural Engineering |
| Geotechnical Engineering | Surveys & Mapping |
| Inspection | Track Engineering |
| Land Use/Socio-Economic Analysis | Traffic Engineering |
| Landscape Architecture | Urban Design |
| NEPA & New Starts | Utilities |
| Noise Analysis | Water Resource Engineering |

Planning

Our experienced team of planners and landscape architects works hand in hand with our professional engineers, surveyors, and GIS specialists to develop solutions that protect and enhance the community and environment.

The overall goal of transit planning is to reach consensus on a cost-effective alternative that receives public support, meets the requirements of the environmental resources agencies, and is approved by FTA/FRA to proceed into preliminary engineering.



We have provided project planning and environmental documentation services to state and local transportation clients for a variety of multi-modal facilities involving automobiles, buses, light and heavy rail, pedestrians, bicycles, and airports. Planning services are provided in accordance with the requirements of NEPA, FTA/FRA, the National Historic Preservation Act, Clean Water Act, Clean Air Act, Executive Order 12898 for Environmental Justice, and numerous other federal and local requirements. We provide public involvement professionals who have proven experience reaching consensus with community groups and other key stakeholders. Our in-house graphic designers provide the right graphic for the right time in the planning process.



Design

The development of engineering/architectural activities for a major transit project entails the ability to apply physical dimensions to various site considerations and to place them in a logical, functional, and context-sensitive design.

The design must incorporate ease of transit services, access of pedestrians and bicycles including ADA compliance, and vehicular access and parking, while integrating urban design principles.



JMT provides complete design and related professional services from surveying and mapping, to contract documents for advertisement, to post-award services and commissioning.



Construction Management & Inspection

JMT is experienced in monitoring and managing construction activities to ensure compliance with contract documents and quality standards with completion on time, within budget, and with minimal disruption to transit services and ongoing client operations.

Our project experience includes the modification and rehabilitation of existing facilities and the construction of new facilities to support many transportation systems. JMT has provided support to various clients in completing projects covering all transit modes.

Routine activities include:

- CPM schedule preparation and review
- Constructability review
- Quality assurance inspection of contractors' daily activities
- Maintain daily records
- Review, confirm, and process contractors' monthly pay estimates
- Review and prepare construction contract change requests, change notices, and engineer's estimates
- Develop and review sketch books (construction) and computations
- Develop record (as-built) plans
- Closeout activities
- Review and develop testimony relating to contractor claims
- Coordinate construction activities with various operating departments



Program Management

JMT has provided complete program management services, and our staff recognizes that we are an extension of the client's staff and policies. Program management services have been provided for an entire agency's program, for individual mega-projects involving multiple phases, as part of design-build projects, and as staff level augmentation.

Routine activities include:

Plan/Drawing Review

Design Change Control

Design Standards Review

Value Engineering

Design Coordination

Constructability Review

Document Control

Cost Control

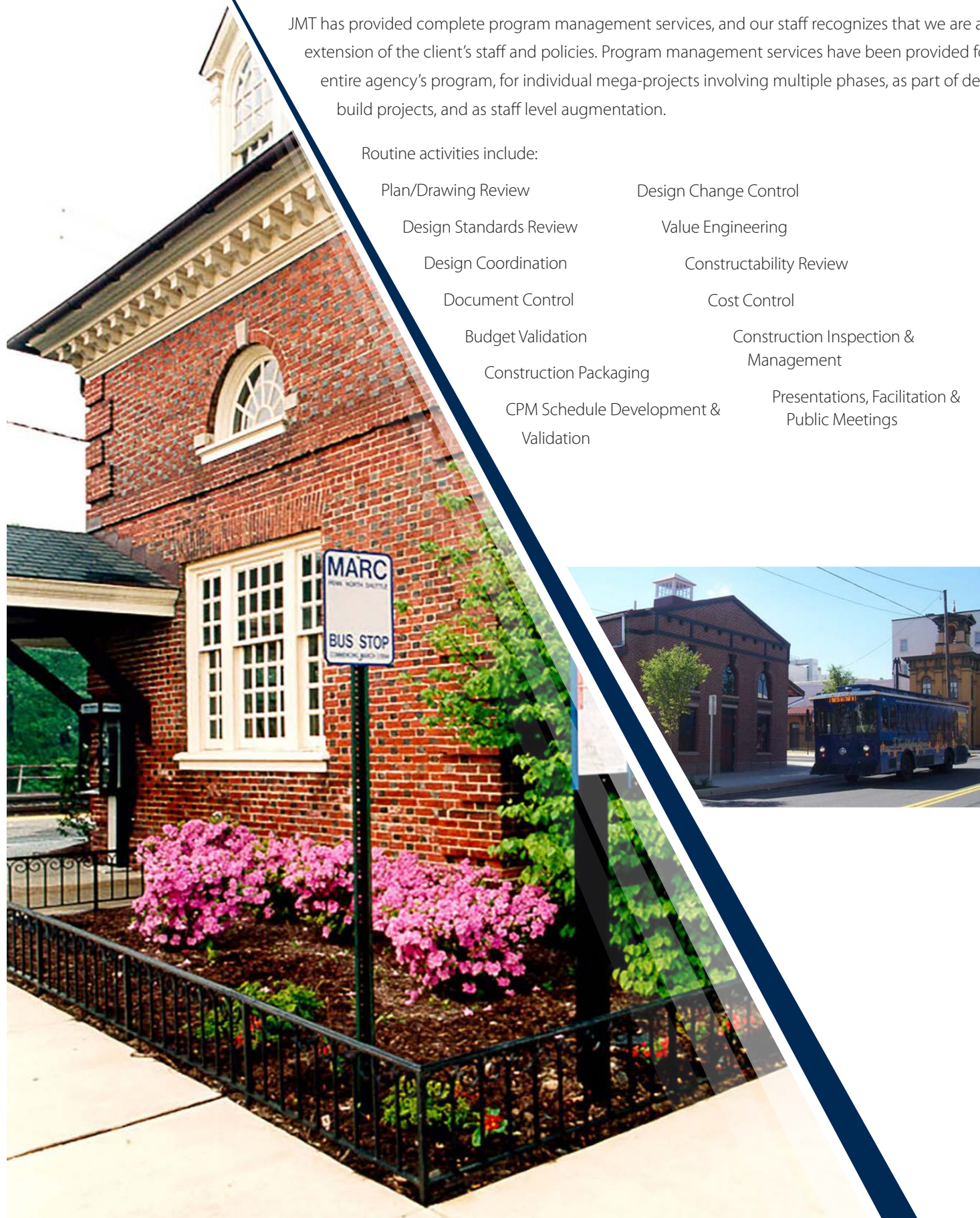
Budget Validation

Construction Inspection &
Management

Construction Packaging

CPM Schedule Development &
Validation

Presentations, Facilitation &
Public Meetings





Corporate Office

40 Wight Ave.
Hunt Valley, MD 21030
P. 410.329.3100
jmt.com

Offices strategically located throughout the United States

