

Bicycle and Pedestrian Enhancements

Sustainable Transportation Series

Walking and biking are sustainable transportation options that provide numerous community benefits, such as reducing traffic congestion, improving public health, and supporting local economic development.

McMahon has extensive experience with integrating bicycle and pedestrian enhancements into transportation system improvements. Our innovative transportation solutions are closely aligned with best practices for planning and design, including Smart Transportation, Complete Streets, and Context Sensitive principles.

McMahon is committed to working closely with clients to develop sustainable transportation solutions. Our professional planners and engineers are passionate about bicycle and pedestrian enhancement projects because we understand the value to our transportation system, our communities, and future generations.

Related Services

Plans • Studies • Designs

Multi-modal Transportation

Trails & Greenways

Streetscapes & Sidewalks

Complete Streets

Traffic Calming

Safe Routes to School

On-Road Bicycle Routes & Facilities

ADA Compliant Pedestrian Facilities

Bicycle & Pedestrian Road Safety Audits

Funding Strategies & Grant Writing

Community Involvement



Marshallton Traffic Calming and Streetscape
West Bradford Township, PA

- **Blackstone Valley On-Street Bike Route**
Pawtucket, Central Falls, Cumberland, Providence, and East Providence, RI
- **Commodore Bicycle Trail**
Miami, FL
- **Chester Valley Trail Crossing of Valley Creek Boulevard**
West Whiteland Township, PA
- **East Branch of the Brandywine Trail —Phase I**
East and West Bradford Townships, PA
- **West Bank Greenway at Philadelphia Zoo**
Philadelphia, PA
- **Southbound Easton Road Multi-Use Trail**
Doylestown Township, PA

Multi-use trails often serve as the spine of bicycle and pedestrian networks by providing regional connections to employment centers, parks and open spaces, as well as other community centers. McMahon works closely with municipalities and non-profit organizations to plan and design multi-use trail connections in urban, rural, and suburban communities.



Chester Valley Trail Crossing of Valley Creek Boulevard
West Whiteland Township, PA



East Branch of the Brandywine Trail
East and West Bradford Townships, PA



Paoli Road Improvement Feasibility Study
Tredyffrin Township, PA

Plans • Studies • Grant Applications • Public Involvement

- **Coral Gables Traffic Calming and Mitigation Study**
City of Coral Gables, FL
- **Cove Neighborhood Traffic Calming**
City of Deerfield Beach, FL
- **Municipal Comprehensive or Master Plans**
Various Municipalities in FL, MA, NH, PA, and RI
- **Paoli Road Improvement Feasibility Study**
Tredyffrin Township, PA
- **Pawtucket Downtown Design Plan**
Pawtucket, RI
- **Village Transportation Plan**
Upper Uwchlan Township, PA
- **West Vincent Township Multi-Modal Study**
West Vincent Township, PA

Community input is needed early and often for successful bicycle and pedestrian projects. Public involvement ensures that bicycle and pedestrian plans and designs meet the community's needs and vision. McMahon has broad experience in facilitating public workshops, coordinating project stakeholder committees, leading road safety audits, and preparing winning grant applications.

- **Casey Arborway Project**
Boston, MA
- **Edge Hill Road Sidewalk**
Abington Township, PA
- **Hillsboro Boulevard Streetscape**
City of Deerfield Beach, FL
- **Kendall Square – Main Street Design**
Cambridge, MA
- **Marshallton Traffic Calming and Streetscape**
West Bradford Township, PA
- **SR-80 Access Management and Streetscape Improvements**
City of Fort Myers, FL
- **Sycamore Street Streetscape Improvement**
Newtown Township, PA

Consistent sidewalks, pedestrian scale lighting and amenities, and landscaping can transform the main street of a village, suburban business district, or urban core. Streetscape improvement projects can also address a wide variety of issues, such as pedestrian safety, traffic calming, green infrastructure, and parking. McMahon works closely with elected officials, business owners, school districts, and other stakeholders on comprehensive streetscape design projects in both urban and rural settings.



Oscar Tugo Circle
Pedestrian Enhancements
Boston, MA



West Bank Greenway
at Philadelphia Zoo
Philadelphia, PA



Sycamore Street Streetscape Improvement
Newtown Township, PA

- **ADA Compliant Curb Ramps**
15,000 locations on state and local roads in PA
- **Key Bus Route Improvement Program**
Boston and Surrounding Communities, MA
- **Oscar Tugo Circle Pedestrian Enhancements**
Boston, MA
- **Passyunk Avenue Corridor Improvement Project**
Philadelphia, PA
- **Schuylkill River Trail Railroad Crossing Automated Gate**
Philadelphia, PA
- **US-41/Tamiami Trail at Bernwood Parkway**
City of Bonita Springs, FL

Safety and accessibility are critical transportation issues, especially for bicyclists and pedestrians. Additionally, the Americans with Disabilities Act (ADA) requires specific treatments to promote access for all users. McMahon is well versed in ADA requirements for pedestrian facilities and has integrated bicycle and pedestrian enhancements in corridor, intersection, and traffic signal improvement projects.



Commodore Bicycle Trail
Miami, FL

Who we are

Since 1976, McMahon Associates, Inc. has specialized in transportation planning and engineering. We have built trusting and lasting relationships by satisfying the needs of both governmental and private sector clients. With dedicated professionals in thirteen regional offices located along the east coast, McMahon has the talent, ability, and expertise to address any transportation assignment from planning to design through implementation. Our full spectrum of transportation services include:

- Traffic Engineering
- Multimodal Transportation Planning
- Highways
- Transit
- ITS & Signals
- Data Collection
- Structures
- Land Surveying
- Highway Safety
- Managed IT Services
- GIS/Software Development

Sustainable Solutions

McMahon Associates, Inc. is committed to providing sustainable transportation solutions that are cost-effective, environmentally sensitive, and supportive of healthy living and vibrant communities. McMahon and our employees are personally and professionally engaged in sustainable practices, including office-wide recycling, biking and riding transit to work, and being actively involved in organizations that promote sustainability. Through our broad range of transportation services, we aim to improve the quality of life for the travelling public by planning and designing sustainable transportation solutions.

About Us

Our Approach

- Coordinate thoughtful planning, sound traffic engineering, and innovative design
- Integrate traffic signals and ITS into the overall transportation systems
- Develop advanced, comprehensive, and cost effective solutions
- Focus on feasibility and implementation
- Engage project partners and community members early and often
- Fulfill federal, state, and local requirements, including design standards and procedures

Mid-Atlantic

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