

Introduction

Public agencies, professional associations, communities and advocacy groups are encouraged to develop transportation infrastructure that is safe, convenient, accessible and attractive to motorized and nonmotorized users alike. Designing for pedestrians and bicyclists as an integral part of the transportation system, whether by planning for sidewalks, safe bicycle lanes, recreational biking and walking trails, promotes a healthy lifestyle for our communities.

KEM has extensive experience in balancing the need and sometimes competing interests of these different modes of transport. As progressive professional engineers we continue to

incorporate transportation options into our designs. Sidewalks as part of the roadway system ensure the safety of pedestrians and people with disabilities. Bike paths and recreational trails encourage an active and mobile lifestyle. KEM engineers and planners are familiar with current standards and best practices that cover the planning and design of new facilities and the retrofitting of existing streets to accommodate pedestrian traffic. One of KEM's primary goals as community partners is to promote the health of residents by designing and administering the construction of safe and efficient pedestrian and bicycle facilities.

KEM Services:

- LPA Coordination
- Feasibility Studies and Conceptual Planning Studies
- Financial Planning and Grant Application Coordination
- Preliminary and Final Design
- Right of Way Plan Preparation
- Right of Way Acquisition
- Constructability Reviews
- Bid Document Preparation
- Bid Coordination
- Construction Administration
- Construction Inspection



Village of Sheffield
SR 611-5.66 Improvements



Village of Lucas
Safe Routes to School



Holmes County
Holmes County Trail - Phase 2

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Quality
since 1978

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Holmes County Trail - Phase 2

Client: Holmes County Park District

Location: Millersburg, Ohio

KEM provided construction contract administration and inspection services for the Holmes County Trail- Phase 2 project for the Holmes County Park District. This \$1,100,000 Local Let Project included construction of 4.6 miles of shared use horse buggy/bike path trail from Millersburg to Killbuck. The 16' wide asphalt trail followed an abandoned railroad corridor right of way and included rehabilitation of three structures ranging in span from 14 feet to 55 feet.



Two Falls Trail at Cascade Park

Client: City of Elyria

Location: Elyria, Ohio

KEM services included field survey, preliminary and final walking trail design, structural design and engineering during construction for the \$650,000 pedestrian trail project. The improvements included walking trails and a bridge which spans 200 feet across the West Branch of the Black River providing a scenic view of the West Falls at Cascade Park. The project utilized Ohio Department of Natural Resources and Federal Funds under ODOT's Local Let Process, with the City of Elyria as the sponsor agency.



OSU Bike Trail

Client: OSU Mansfield
Location: Ontario, Ohio

KEM provided engineering design, field survey, environmental coordination, and construction management and inspection services for the 3,000 feet extension of walking trail to the OSU Mansfield Campus. The project included construction of a ten foot wide asphalt trail, a small stream crossing, and associated drainage and grading through a densely wooded area.

This project was constructed utilizing Ohio Department of Transportation Enhancement Funds under ODOT's Local Let Process.

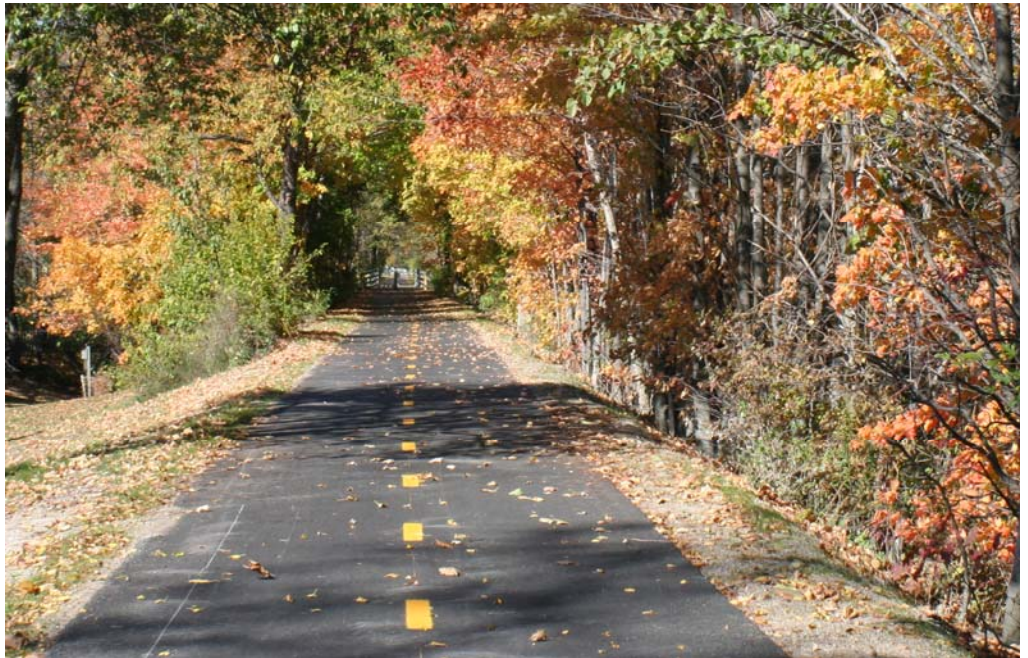


North Coast Inland Trail - Fremont to Elmore

Client: Sandusky County Park District
Location: Fremont, Ohio

This \$2,000,000 Local Let Project included construction of 10 miles of bike trail from Fremont to Elmore. The 10 foot wide asphalt trail followed an abandoned railroad corridor right of way and included rehabilitation of five structures and a 300 foot long retaining wall.

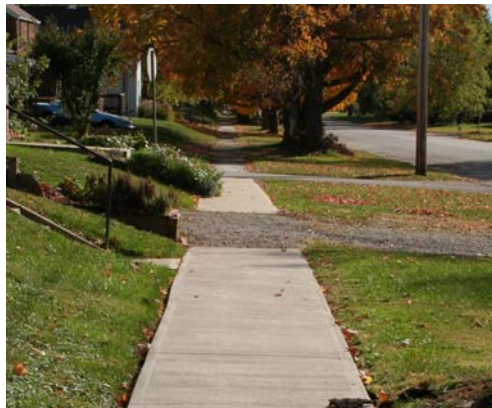
KEM's construction contract administration and daily construction inspection services assured compliance with plans and specifications and ensured the DBE requirement goal of 8%.



Mansfield Safe Routes to School

Client: City of Mansfield
Location: Mansfield, Ohio

The City of Mansfield was awarded \$248,000 under the Safe Routes to School program for infrastructure improvements including repair and replacement of sidewalks and installation of flashers along school walking routes. The improvements were at various locations around the City. KEM provided construction administration and inspection services to assure that the work was completed per plan specifications.



SR 611-5.66 Improvements

Client: Lorain County
Location: Village of Sheffield

The Lorain County Engineer was the sponsor agency for 2.86-mile of roadway widening in the Village of Sheffield. This \$5,000,000 project included widening the roadway to three lanes, and the construction of approximately 5,300 feet of bike trail as an extension of the Lorain County Metro Parks system. KEM's services included preliminary engineering, field survey, final design, environmental document preparation, right of way plans and right of way acquisition. The project required an environmental site assessment and wetland mitigation to meet Army Corps of Engineer's requirements.



Lexington Springmill Rd. Sidewalk Installation

Client: City of Ontario
Location: Ontario, Ohio

KEM designed, purchased easements and provided construction administration and inspection services for the installation of new sidewalks along this busy commercial area between SR 309 and 4th Street on Lexington Springmill Rd. in Ontario, Ohio. The sidewalks were installed on both sides of the street with handicap accessible curb ramps.



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