



pennsylvania  
DEPARTMENT OF TRANSPORTATION

**Pennsylvania Community Transportation Initiative  
Smart Transportation Project Application**  
[www.smart-transportation.com](http://www.smart-transportation.com)

Sponsor: Ferguson Township  
Contact Person: David Modricker  
Phone Number: 814-238-4651  
E-mail: dmodricker@twp.ferguson.pa.us

County(s): Centre  
Name of Project: Old Gatesburg Road Extension within proposed TND  
Location: Ferguson Township  
Description: Construction of a collector road between two arterial roads serving commuters as well as a proposed TND supporting context sensitive design.  
Total Project Cost: \$ 3,712,000 Amount Requested: \$ 2,970,000  
If amounts differ, briefly explain why: 20% local match

The amount being requested is for: Planning Activities  or Construction   
If the funds will be used for Planning Activities, please indicate by what date you will start: \_\_\_\_\_  
If the funds will be used for Construction, please indicate when the project will be let: 10/2009 for  
2010 construction

Which principle(s) of Smart Transportation does the project incorporate? (Check all that apply).

- Emphasizes cost effective solutions that are scaled to the size of the problem.
- Emphasizes context sensitive design elements.
- Project has a high value/price ratio.
- Enhances local network.
- Level of Service optimizes the function of the roadway with the surrounding land use.
- Emphasizes safety.
- Emphasizes intermodal connections.
- Leverages/preserves existing investments.
- Improves quality of living by promoting town centers and decentralizing sprawl.
- Develops partnerships with local governments that promote strong land use plans.

Describe how the project supports the identified Smart Transportation Principles, engages project stakeholders, and will implement local land use actions (two page maximum).

See attached.

**Pennsylvania Community Transportation Initiative**  
**Smart Transportation Project Application Narrative**

**Re: Old Gatesburg Road T335 Extension, Ferguson Township, Centre County, PA**

The construction of Old Gatesburg Road between Science Park Road and Blue Course Drive (both existing arterial roadways) supports the identified Smart Transportation principles. This boulevard type collector road has been designed to accommodate motor vehicles, transit, pedestrians, and bicyclists. It is intended to serve the needs of commuters as well as those of the future residents and commercial and retail vendors of the proposed Traditional Neighborhood Development TND, through which it will traverse. A transportation study will ensure the roadway is scaled to the appropriate size to accommodate the anticipated traffic while serving pedestrians and other multi-modal users. On-street parking will provide a traffic calming effect while a wide, planted median will improve the aesthetics and provide pedestrian refuge. The project is designed to be cost effective, considers value engineering and will ensure a high value/price ratio.

Context sensitive design criteria such as accommodating pedestrians, cyclists, transit elements, sensitivity to stormwater management and existing topography and environmental features, highlight the smart growth approach, while development of a TND and associated town center on the surrounding land are critical elements of this project. This proposed street, as well as the surrounding neighborhood is designed to be attractive and functional and to foster a sense of community, providing evidence that Ferguson Township is one of the "great places to live".

The project enhances the local network by connecting two arterial roadways with subcollectors into the proposed TND which in turn connect two adjoining neighborhoods. The construction of this roadway and the proposed TND provides for compact and efficient development within the adopted regional growth boundary, thus limiting the probability of sprawling development adversely impacting prime farmland in the region for the next decade or more. This growth management approach is consistent with the Centre Region Comprehensive Plan. Funding assistance for this roadway preserves existing investments made by the proposed developer to design and embrace a TND development in these difficult economic times and allows the Township to concentrate funding resources on existing infrastructure needs.

This project most certainly supports the smart growth principal of improving the quality of living by promoting town centers and decentralizing sprawl. This roadway is a viable start to the construction of the proposed town center within the area zoned TND. Partnerships exist between

Ferguson Township and surrounding local governments within the Centre Region to promote strong land use planning.

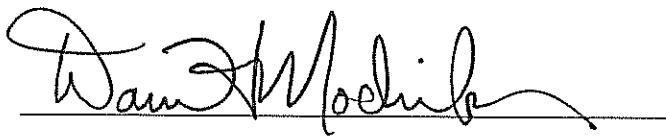
The project engages the stakeholders and is supported by the owner of the parcel of land over which the road will traverse and is supported by Ferguson Township residents and the Centre Region around State College, PA.

The project will implement local land use actions by providing multi-modal access to an area of the Township that was specifically rezoned to promote mixed-use development and that will accommodate the future growth of the Township within the adopted regional growth boundary. It will complete a network of streets and bikeways serving this proposed development and the surrounding business operations which provide employment opportunities for Township residents. While the street has the potential to carry a large volume of traffic between two arterial corridors, its design ensures slower speeds which will increase the safety of bicyclists and pedestrians who will share the corridor. The landscaped median will improve stormwater management, slow traffic, and foster pedestrian safety.

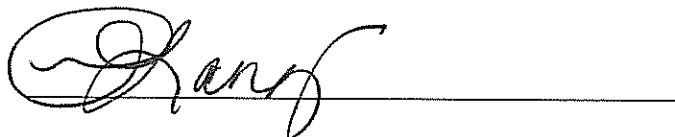
Although the proposed development will occur on a greenfield site, it is entirely surrounded by development and the infill proposed in accordance with the TND zoning of the site calls for the preservation of environmental features and open space, the construction of a full range of housing options, the mandatory inclusion of work force housing, and the provision of a walkable, pedestrian oriented environment that offers a healthy lifestyle opportunity to Township residents.

The extension of Old Gatesburg Road through the site will assure that this anticipated development will be well connected to the existing street network and that bike, transit and pedestrian facilities will be coordinated with existing infrastructure and accessible to residents. This corridor extension is vital to the implementation of the town center and will greatly enhance the capacity of the surrounding network.

Respectfully submitted on behalf of the Ferguson Township Board of Supervisors:



David J. Modricker, PE, Public Works Director



Trisha Lang, AICP, Director of Planning and Zoning

