



**F. Tavani and Associates, Inc.**  
*Traffic Engineering and Planning*

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**PO Box 459 • Saint Peters • PA • 19470 • (484) 212-3025 Phone • (484) 792-9495 Fax**  
**www.FTAVANIASSOCIATES.com**

**FRANK TAVANI, P.E., PTOE**  
**Principal**

**EDUCATION**

Bachelor of Civil Engineering, Rensselaer Polytechnic Institute, 1993

**PROFESSIONAL REGISTRATIONS AND CERTIFICATIONS**

Registered Professional Engineer (PE) in the states of Pennsylvania, New Jersey, and Maryland and also in Washington, D.C.  
Registered Professional Traffic Operations Engineer (PTOE)

**MEMBERSHIPS**

Institute of Transportation Engineers  
Urban Land Institute  
Greater Valley Forge Transportation Management Association  
Delaware Valley Engineers Week Council  
Engineers' Club of Philadelphia  
The Order of the Engineer

**DETAILED EXPERIENCE**

Mr. Tavani is the Founding Principal of F. Tavani and Associates, Inc. (FTA). His experience spans over 18 years during which he has participated in a wide range of projects including: traffic impact studies, circulation studies, corridor improvement studies, parking studies, and master planning studies. He has served the needs of developers, townships, municipalities, and states. Highlights of Mr. Tavani's experience include:

- **Worthington, East Whiteland Township, Pennsylvania**  
Mr. Tavani served as the Principal-in-Charge for a traffic impact study of an ambitious redevelopment project in Chester County. A former steel mill located along the Route 29 corridor was examined as a potential rezoning project featuring a premier "live-work-play" community featuring hundreds of residential-over-retail units, over one half million SF of retail space, and several office buildings. Working with several consultants, Mr. Tavani assisted in moving the project through PENNDOT and played a key role in developing the project's offsite road improvements, which included changes to Routes 202 and 29.
- **Lower Merion School District High Schools, Lower Merion Township, Pennsylvania**  
Mr. Tavani and FTA assisted the Lower Merion School District (LMSD) with traffic impact and parking assessment studies for two new high schools. Slated as replacements for the aging Lower Merion High and Harriton High schools, each building will serve 1,250 students and faced unique challenges through the land development process, especially where impervious cover and parking requirements are concerned.



- **Rockford Falls, City of Wilmington, Delaware**  
Mr. Tavani serves as Principal-in-Charge of a challenging redevelopment of a former textile mill in the Rockford Park section of Wilmington, Delaware. The abandoned mill is envisioned by a local developer to become a premier community of several hundred condominium units along the Brandywine Creek.
- **Novartis Pharmaceuticals, East Hanover, New Jersey**  
FTA reviewed the vehicular and pedestrian circulation of the USA headquarters of this major pharmaceutical company. The campus serves thousands of employees and has evolved over a period of many years and as a result of evolution of the campus, some areas have aspects of design which are inconsistent with other areas. This lack of consistency creates an environment which is consciously and subconsciously unsettling to motorists and pedestrians alike. FTA prepared a study and design documents addressing inconsistent pavement markings, signage placement and types, and other unexpected or unpredictable conditions throughout the campus in its Roadway and Walkway Study. The study also addressed speeding issues by evaluating existing speed bumps for “spot” control of speeds and suggesting new ways to retrofit the existing roadway network to encourage motorists to drive at speeds which are reasonable for the surroundings.
- **Hill View Retirement Community, Valley Township, Pennsylvania**  
Construction of this retirement community began in 2004 and is located near Coatesville on a parcel of approximately 200 acres. The proposed community will be home to approximately 1,500 retirees aged 55 and over. An unusual aspect of this land development application was the parcel itself – about two thirds of which is in Caln Township and one third of which is in Valley Township. This required extensive additional hearings, testimony, coordination, and interdependency among the two municipalities, all of which is an uncommon challenge.
- **USPS Distribution Hub, Philadelphia, Pennsylvania**  
Mr. Tavani assisted the United States Postal Service (USPS) through the conduct of traffic engineering services for the proposed USPS Philadelphia Processing and Distribution Center and Vehicle Maintenance Facility. The former distribution facility was located at 30<sup>th</sup> and Market Streets in downtown Philadelphia and the new site is located in Southwest Philadelphia, minutes from I-95 and the Philadelphia International Airport. The new facility is expansive in all senses of the word. The facility is the largest building under one roof in Philadelphia and employs over 4,000 people, features 150 truck loading docks, and generates about 5,000 truck trips per day. The facility is expected to process over 3,000,000,000 pieces of mail annually. Any operation of this scale has considerable traffic impacts. Mr. Tavani identified ways to resolve critical traffic concerns of both the client and neighborhood residents. After several meetings with City officials, a traffic plan evolved that included the construction of several new intersections, driveways, and thoroughfares.



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- **Villanova University, Radnor Township, Pennsylvania**

Mr. Tavani and FTA assisted Villanova University with traffic planning for several of its contemporary long-term capital improvement projects including traffic impact studies and site access management studies of a proposed new Schools of Law and Nursing as well as a proposed new Athletic Facility for its Varsity Basketball Team.

## **OTHER EXPERIENCE**

In addition to the detailed experience listed above, Mr. Tavani's has also represented many other clients which span several industries and types of development, including retail, residential, pharmaceutical, manufacturing, finance, and hospitality industries. In addition to those listed above, some other clients for whom Mr. Tavani has worked include:

Wolflington Properties	Arby's	Infiniti of Ardmore
Aqua America	Play & Learn	Honda of Ardmore
Merck	Eastern University	Sports Authority
Qdoba	Princeton University	Stonebridge Associates
Ninety-Nine Restaurant & Pub	Saunders House	SAP America
St. Joseph's University	Heritage Building Group	Giant Supermarkets
Fresh Fields	IKEA	Pennsylvania National Bank
Peter Batchelor Architects	Main Line Health	and various local churches
Starbucks	SEPTA	as well as synagogues

In addition to working on behalf of developers, businesses, and institutions, Mr. Tavani and FTA have also had experience in reviewing traffic studies and submittals on behalf of townships and municipalities, including Cheltenham Township, Montgomery County, Pennsylvania and Caln Township, Chester County, Pennsylvania.

## **TEACHING AND LECTURING**

Mr. Tavani occasionally is a guest lecturer at local universities covering topics of traffic engineering and roadway design as both apply to land development and expert witness questioning and preparation.

## **VOLUNTEERING AND ACTIVISM**

Mr. Tavani joined the Delaware Valley Engineers Week Council in 2003 and participated in assisting in the oversight of the celebration of "Engineers Week" which is held every February. This group also participates with local schools and fosters interest in engineering through many programs and activities, including Future City competitions in southeastern Pennsylvania, southern New Jersey, and Delaware.