



Sustainable Planning • Engineering • Transportation Solutions, LLC

## Shahriar Etemadi

### Principal



Mr. Etemadi has 30 years of supervisory, management and technical experience in planning and engineering in the public and private sectors. He has extensive experience in managing master planning, land development, land use and zoning, urban design, environmental planning, Environmental Impact Statements (EIS), transportation planning and traffic engineering in Maryland, Washington DC, Virginia, West Virginia, Pennsylvania, California and New York. He also has professional, management-level experience in developing growth policy programs, among the most innovative and progressive programs in the country and creation of the Adequate Public Facilities programs and ordinances in two

jurisdictions. He is the recipient of several planning awards including the American Planning Association (APA) National Capital Chapter Awards for “Excellence in Policy Planning” and the “Transitway and HOV Network Master Plan” while working for the Maryland-National Capital Park and Planning Commission (M-NCPPC), Montgomery County, Maryland Planning Department. As a principal author of the Town of Geneva Comprehensive Plan, STS Consulting received 2016 New York Upstate APA Chapter Award for “Outstanding Comprehensive Planning”. He is recipient of other awards and certificates of appreciation from Montgomery County, Maryland.

#### EMPLOYMENT HISTORY:

##### STS Consulting 2014-Present Principal

As a Principal of STS Consulting Company, he has provided sustainable solutions to the challenging urban planning, master planning, traffic engineering and transportation planning projects for our clients. Mr. Etemadi is currently being retained by some of the major land development companies in the Washington, D.C. region, in Pennsylvania and Virginia, a public agency in West Virginia, and has recently completed a project in California; His responsibilities include management of development projects through entitlement process, preparation of master plans, land use, zoning, and special use permit plans, and to evaluate the land use/transportation impact of master plan updates by public agencies. He has been responsible for preparation of growth policy initiatives, traffic impact studies, corridor studies, parking studies and transit planning and leading efforts to develop Transportation Demand Management (TDM) strategies for complex community redevelopment projects.

##### Wells + Associates, Inc. 2011-2014 Senior Associate

Responsible for management of technical analyses relating to long range land use/transportation planning and traffic engineering, traffic impact studies, business development, project budget and administration, management of professional engineers and planners, quality control and documentation, and expert witness testimony. He managed several projects for the National Institutes of Health (NIH) including an EIS, a Multimodal Transportation Study and campus wide parking study and TDM analysis and report.

#### EDUCATION

**Master of Community and Regional Planning**  
University of Nebraska, 1986

**Bachelor of Science, Business Administration**  
Nebraska Wesleyan University, 1982

#### SPECIALTIES

- Comprehensive Planning
- Growth Management
- Environmental Impact Statements (EIS)
- Zoning, Subdivision and Land Use
- Transportation Demand Management (TDM)
- Traffic Impact Studies
- Transit Planning
- Pedestrian and Bicycle Planning
- Parking Studies
- Corridor Studies

#### AWARDS/CERTIFICATIONS

##### American Planning Association (APA), National Capital Area Chapter

- Excellence in Planning Award for Transportation Planning
- Excellence in Policy Planning

##### APA New York Upstate Chapter

- Outstanding Comprehensive Plan

##### Montgomery County Government, Maryland

- Certificate of Appreciation from Montgomery County Executive for making significant contribution to work for BRAC
- Certificate of Appreciation from Planning Board for making significant contribution in development of Transit and HOV Network Master Plan
- Divisional Achievement Award for significant contribution to completion of Rustic Road Master Plan

##### National Highway Institute (FHWA)

- Certificate of Training-TRAF-NETSIM
- Certificate of Training-The role of Driver Expectancy and Behavior in Highway Design and Traffic Control
- Certificate of HOV: Planning, Design, and Operations
- Certificate of Introduction to Urban Transportation Planning Procedures

**Maryland-National Capital Park & Planning Commission (M-NCPPC) 2004 - 2011**  
**Montgomery County Planning Department, Maryland**  
*Planning Supervisor*

Supervised architects, planners and engineers working in the areas of master planning, land development, land use, zoning, urban design, environmental and transportation planning for the I-270 Technology Corridor in Montgomery County, Maryland. Playing major role in development of the County's Annual Growth Policy (AGP) and responsible for updating and enforcing the countywide transportation Adequate Public Facilities Ordinance (APFO). Responsible for implementation of recommendations contained in the Great Seneca Science Corridor (GSSC) Master Plan, Twinbrook and White Flint Master Plans. These plans required creation of development staging policies for significant future development projects, implementation plans and public/private partnership of financing recommended improvements in the plans.

**Maryland-National Capital Park & Planning Commission (M-NCPPC) 1993 - 2004**  
**Montgomery County Planning Department, Maryland**  
*Planning Coordinator*

Responsible for solving difficult and complex planning issues and conducting in-depth negotiations involving review and recommendations on the transportation impact of major development proposals, preparing master plans, conducting travel demand forecasting and preparation of the countywide Transitway/HOV Network Master Plan and area master plans. Coordinating major investment transportation projects with Washington Council of Governments (Washington MPO), Maryland Department of Transportation and Montgomery County Department of Transportation. Preparing comprehensive traffic studies for major road and transit projects such as Montrose Parkway and "Purple Line" light rail corridor and station planning and design.

**Department of Planning and Zoning 1990 - 1993**  
**Harford County, Maryland**  
*Chief, Transportation & Community Planning*

Supervised professional planners and architects working in the areas of community facilities projects, transportation planning, rural planning, and data management and County's demographic projections. He served on the Technical and Programming Committees of the Baltimore Council of Governments (Baltimore MPO) preparing budget for major regional projects, LRTP and TIP. He managed a team of professionals to develop standards for the County's first Adequate Public Facilities programs that included Transportation, Schools, Water, Sewer, Parks, Libraries and Public Safety. He managed operation of newly created local public transit system in Harford County.

**Office of Planning & Zoning 1987 - 1990**  
**Prince William County, Virginia**  
*Senior Transportation Engineer*

Responsible for master planning, technical review of major land development projects, roadway design and provide recommendations and making presentations to citizen groups and elected officials on subject projects. He worked with the Washington MPO on regional issues and served on its TSM/TDM subcommittee, worked with State and surrounding jurisdictions to plan and design HOV lanes on I-95 and I-66. Prepared the traffic impact study of proposed HOV lanes on VA 234 north of Manassas and prepared traffic impact study for the planned transit center in Woodbridge, VA. He supervised transportation planners and technicians in preparation of special transportation studies involving traffic operations, pedestrian, bicycle and vehicular traffic safety and travel demand forecasting,

**Lancaster County Planning Commission 1986 - 1987**  
**Lancaster, Pennsylvania**  
*Transportation Planner*

Managed the Lancaster Area Metropolitan Planning Organization transportation planning program. Supervised planners and technicians to prepare master plans, traffic impact studies and travel demand modeling to determine the feasibility of installing new traffic signal system, goods movement planning and traffic safety operation.