

## Regional and Statewide Planning

We lead regional and statewide transportation plans that incorporate market analysis, existing transit services, and stakeholder and public input to develop short-, mid-, and long-range plans focused on the area's strategic goals and objectives. We have a strong reputation for building consensus around a strategic plan and developing prioritization models to meet established performance metrics and objectives. Whether it's a statewide transit plan, a regional transportation vision plan, or the transportation element of comprehensive and general plans, we apply our data-driven and stakeholder input processes to develop actionable and achievable results. This process commonly involves using big data, travel demand model outputs, census data, survey data, and direct public and stakeholder input. The types of projects we have experience in are:

- Statewide transportation plans and policy plans
- Long range public transportation master plans
- Regional multimodal transportation plans
- Regional transit vision plans
- State transportation improvement plans
- Comprehensive and general plans

### Example Projects

- Appalachian Regional Commission (ARC) Public Transportation in Appalachia\*
- Central Maryland Regional Transit Plan (MD)\*
- Connect Hampton Roads Multimodal Vision Plan (VA)
- DDOT State Transportation Improvement Program (DC)
- HEPMPO Long Range Transportation Plan (MD/WV)
- Montgomery County General Plan Framework (MD)
- Public Transportation Statewide Strategic Plan (NC)\*
- Richmond Regional Transit Vision Plan (VA)
- Roanoke Valley Transit Vision Plan (VA)
- VTrans Statewide Multimodal Plan (VA)
- WMATA Bus Transformation Project (DC)\*
- 2045 Southeast FL Regional Transportation Plan (FL)\*

\* See reverse for more information

### Tools and Technology



GTFS TO  
EXISTING  
CONDITIONS



TRANSIT  
OPERATING  
COST  
CALCULATOR



TRANSIT  
TRAVEL TIME  
ISOCHRONES



PUBLIC  
COMMENT  
MANAGER

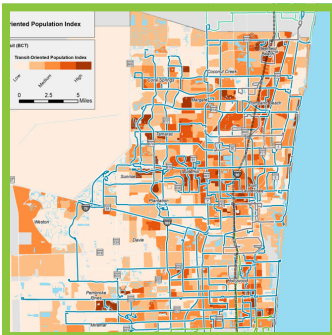


TRANSIT  
PROPENSITY



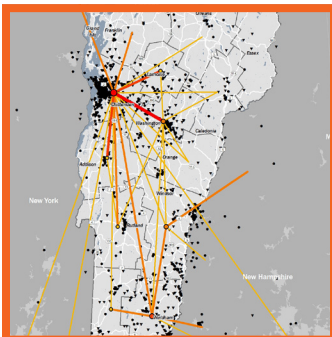
### WMATA Bus Transformation Project

Foursquare ITP played a lead role in the development of the Bus Transformation Project, a study that prepared the Bus Transformation Strategy and Action Plan for sustainably providing bus service throughout the Washington, DC region. The resulting plan centers on four key strategies: frequent and convenient bus service, bus priority on roadways, customer experience, and oversight to ensure the recommendations are implemented and monitored. The Action Plan details the key actors and their responsibilities in implementing the action steps to guide implementation of the Bus Transformation Strategy over a ten-year period. Foursquare ITP led various components of the project, including technical analyses and stakeholder and public engagement, and played a key role in developing the final plan.



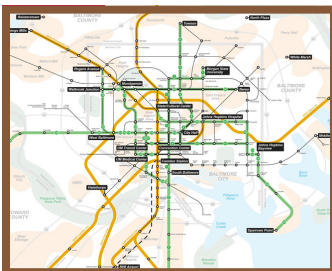
### Southeast Florida 2045 Regional Transportation Plan

Foursquare ITP assisted in the development of the Southeast Florida 2045 Regional Transportation Plan (RTP) including a market analysis and development of a wide range of transit recommendations including commuter bus, BRT, and transfer facilities. Our team first participated in the development of the revised and updated regional goals, objectives and measures of effectiveness/performance measures for the RTP. We then utilized our transit propensity and flow analysis tools to perform a market analysis of the entire region to assist the Regional Transportation Technical Advisory Committee's understanding and support of potential regional transit corridors beyond the existing and current network or other planned transit projects. Based on that market analysis we developed an extensive network of both commuter bus and BRT networks that serve regional needs and cross jurisdictional boundaries.



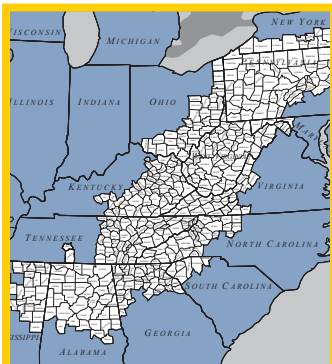
### VTrans Statewide Transit Policy Plan

Foursquare ITP worked with the Vermont Agency of Transportation (VTrans) to develop a public transit policy plan. The plan includes: a current profile of the system; current needs; recommendations for transit and programs for seniors and people with disabilities; a performance framework that will guide future investment decisions and agency practices; and an implementation plan that identified both short and long term strategies and action items to fulfill proposed recommendations. Foursquare ITP developed the profile of the existing system, performed a statewide market analysis using demographics and travel demand model flows to understand need, identified gaps, and developed recommendations. Foursquare ITP also led the stakeholder and public outreach, including regional stakeholder forums and an online platform to acquire, analyze, and incorporate public input into the process.



### Central Maryland Regional Transit Plan

This project developed a new regional transit plan for Central Maryland and provided a 25-year vision of mobility that defines public transportation goals for five counties and Baltimore City in Central Maryland. Foursquare ITP led the technical approach for several aspects of the plan, including the tasks that assessed service quality and service integration, and identified corridors of opportunity. Building from the technical analysis, Foursquare ITP developed a network of 30 corridors across the region and a supporting network of local bus improvements. Foursquare ITP also played a critical role in developing a wide ranging toolbox of strategies to support the plan.



### Appalachian Regional Commission (ARC) Public Transportation in Appalachia

Foursquare ITP developed a transit service inventory and assessment, inclusive of both fixed-route and demand response services, that covered the 420 counties across 13 states served by the Appalachian Regional Commission. The presence and levels of services available (hours, days, trips) for both fixed-route services (present in 185 counties) and demand response (present in 394 counties) was systematically analyzed and presented in user-friendly maps and tables. The state of the rural transit in the Appalachia, as well as best practices and challenges, was documented through extensive analysis of the policies, programs, and organization of state-level rural transit programs. Input from over 100 providers in the Appalachian Region contributed to this analysis. The current use of federal funding, with particular focus on the Appalachia Development Public Transportation Assistance Program (ADTAP), was also a key part of this review.

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