

Corridor Implementation Program

Concept:

If we agree with the concepts of smart growth and want to support efforts to create greater densities through infill development and re-development, we must find ways to make our existing corridors operate more efficiently. We must also recognize that we have declining financial resources to support ambitious infrastructure projects and are, therefore, further encouraged to make the most of our existing assets.

In an effort to maximize the effectiveness of existing corridors and recognize changing local conditions, the Volusia TPO is proposing a series of corridor implementation studies that will provide an assessment of some of our primary transportation corridors. There are a variety of planning studies and analyses that have been completed over time throughout the Volusia TPO planning area. These may be completed specifically to address traffic circulation, to develop a Master Plan for a community, or to support or evaluate a development initiative. There is, however, limited coordination across communities and over time to collect and analyze studies that provide information about common or overlapping areas and along transportation corridors.

The corridor implementation plan is intended to utilize readily accessible information as a means to identify projects that may be potentially pursued within the next few years. The study will consider all modes of travel and will include the review and documentation of existing conditions and issues that impact mobility along the corridor. Report results should identify ways to improve the safety and operational efficiencies of the transportation system and create a secure and comfortable environment for all users.

Generalized Approach:

1. TPO staff will identify representatives from the affected jurisdictions and coordinate a project scoping meeting to determine the work effort desired for a particular corridor (i.e. project limits, additional funding for land-use analyses, projects and activities underway or already funded, unique considerations, etc.).
2. Based on the meeting, TPO staff will develop a project scope, schedule, RFP and any other agreements that may be necessary. The studies will be developed so that the primary work effort will be complete in 90 to 120 days (additional work funded by local jurisdictions may extend the timeline further as a second phase if desired).
3. All scopes will include some basic tasks including but not limited to:
 - a. Host a workshop including all affected jurisdictions to review current activity and direction for the corridor. The consultant will document issues, obstacles and opportunities affecting mobility along the corridor.

- b. Collect and review pertinent studies and plans and analyses that exist along the specified corridor. This would include, but is not limited to PD&E's, Traffic Studies, Master Plans, TCEA's, etc.
 - c. Conduct a field review to:
 - Document existing conditions including lane width, turn lanes and driveways, paved shoulders, bike lanes, medians, transit stops and amenities,
 - Specifically identify safety and operational concerns within the corridor such as lighting deficiencies, failing intersections, lack of curb cuts, inadequate pavement marking, ADA issues, access management concerns, etc.
- d. A report will be developed documenting the findings from previously listed work and including a list of projects that have either been recommended in prior studies or that address concerns as identified during the field review.

Note: The needs identified for a specific corridor may require other survey and evaluation methods including travel delay studies, corridor and intersection level of service analysis, access management, etc. These may be completed as part of the CIP if funding is available or as a recommendation for further action.

What activities should occur as a result of these studies?

- Projects are identified and will be submitted to the TPO for funding (including joint projects that may cross jurisdictions).
- A corridor task force is identified to pursue grant funding, comprehensive plan changes or other activities that will implement improvements to the corridor.
- Larger infrastructure projects may be identified and/or considered for further study (i.e. traffic study, AIS or other).