

Scope of Services

Brandon Boulevard Freight Corridor Compatibility Study

I-75 to Valrico Road

Introduction

Construction is underway on the Winter Haven Intermodal Logistics Center (ILC), and FDOT has completed a PD & E study to widen Brandon Boulevard (SR 60) between Valrico Road and Polk County to accommodate potential increases in truck traffic. Between Valrico Road and I-75 there are no plans to add through lanes. Freight movement currently on Brandon Boulevard warrants additional analysis to address crashes and safety. This study will address compatibility issues between freight truck movement and pedestrian, bicycle, and automobiles on SR 60 from I-75 to Valrico Road (study area). This study area contains what is referred to as the "center of Brandon".

- I. Data Collection
 - a. Utilize the FDOT-7 Regional Good Movement Studies and Website for freight hot spots on SR 60 between I-75 and Valrico Road.
 - b. List the hot spots and identify problems listed in Regional Goods Movement Study.
 - c. List high crash areas by type of crash (vehicle, pedestrian, bicycle)
 - d. Collect and produce traffic counts at 2 locations for Class 7 and 8 trucks.
 - e. Identify pedestrian and bicycle facilities, or lack of, in the study area. This also includes pedestrian crosswalk and pedestrian signals.
 - f. Identify land uses along the study which generate/attract high truck movements.
 - g. Review the Brandon Community Plan to ensure that recommendations are consistent with the Plan.
 - h. Review the Hillsborough MPO's Congestion Management/Crash Mitigation Process for congested areas along SR 60 as well as crash locations.

- II. Data Analysis/Recommendations
 - a. Review and catalog freight hot spots and associated recommendations for improvements along with crash locations and recommend balanced solutions.
 - b. Produce a Technical Memorandum addressing issues identified in Section I above along with preliminary recommendations for:
 1. Pedestrian safety; pedestrian infrastructure including sidewalks, signage, crosswalks, and pedestrian signals at intersections

2. Bicycle safety; bicycle lanes, signage,
 3. Automobile and truck conflicts and potential solutions
 4. Identify solutions for freight hotspots such high truck volume intersections; turn lanes or lack of, length of turn lanes, stop bar placement at intersections, etc.
- c. Truck specific recommendations; dedicated lanes, elevated lanes, other potential solutions.
 - d. The technical memorandum will include short- and long-term solutions to compatibility issues for freight truck movement with pedestrians, cyclists and automobile.
- III. Stakeholder Meetings

The project team will hold two stakeholder meetings. The first meeting will be held after the data collection phase and the second meeting will be held after the initial recommendations are produced. The stakeholder team shall consist of the following:

Tampa Port Authority
Hillsborough County Public Works
FDOT-7
CSX
United Citizens Action Network
Brandon chamber of Commerce

MPO staff will be responsible for organizing and noticing the stakeholder committee meetings.

IV. Deliverable

A Technical Report consisting of identified hot spots and high crash locations along SR 60 between I-75 and Valrico Road will be drafted and include the following elements:

- A. Executive Summary
- B. Introduction and Overview of the Corridor
- C. Identification of freight movement related issues along the corridor
- D. Identification of bicycle and pedestrian issues along the corridor
- E. Development of short and long term solutions to the freight and bike/ped issues along the corridor

The tech report will include all data and analysis as appendices.

The deliverables shall consist of 3 hard copies (Microsoft WORD format) of the report and 2 cd-roms. Items produced in GIS will be compatible with the MPO's GIS software.