



## Mobility Performance Measures

### Multimodal Connector Mobility Report

#### Purpose

Strategic Intermodal System (SIS) and National Highway System (NHS) connectors provide the necessary connection between significant hubs and corridors on Florida's transportation system. Maintaining adequate mobility on these connectors is critical to the movement of people and goods. Frequently, it is the last mile of a trip that experiences significant delay and congestion. The primary objective of this project was to provide a summary of the current mobility adequacy of the SIS and NHS highway connectors for the entire State.

#### Results

Roadway adequacy evaluation was conducted by separating the connectors into facilities and then analyzing each connector facility separately. This approach provided an overall connector travel time, speed, and level of service while simultaneously identifying the poorest performing sections of the connectors. Accessibility, obtained through measuring roadway adequacy, was analyzed for 67 connectors serving airports, bus terminals, railyards, seaports, and a spaceport. Results were reported for both inbound and outbound directions; intersections where left turn queue spills were likely to occur also were identified.

#### Applicability to Mobility Performance Measures (MPM) Program and FDOT

Annually, the MPM Program reports quantity, quality, and utilization performance measures for SIS connectors. An additional dimension of mobility that warrants reporting is accessibility. Accounting for connector adequacy provides FDOT with an assessment of accessibility to airports, bus terminals, railyards, seaports, and spaceports.

#### Next Steps

2014 is the first year highway adequacy measures indicating the accessibility to SIS and NHS hubs will be reported. This effort will be repeated annually to evaluate the accessibility and roadway adequacy of SIS and NHS connectors.

