



## Mobility Performance Measures

### Bike and Pedestrian Level of Service and Roadway Characteristics Inventory

#### Purpose

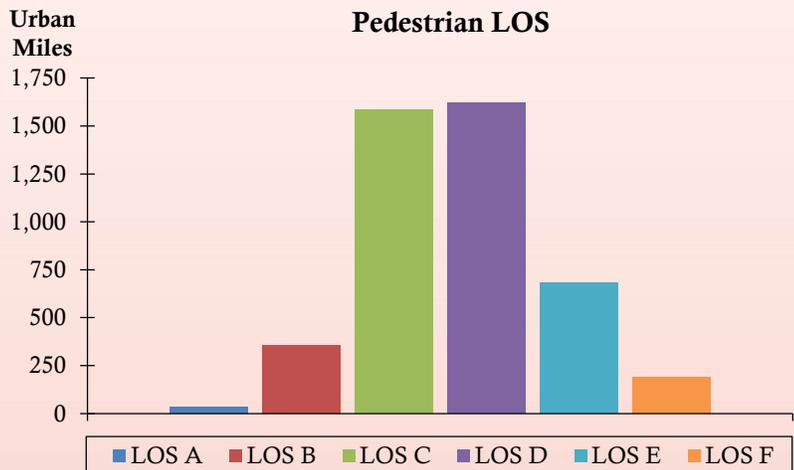
To determine bicycle and pedestrian facility coverage, FDOT inventoried the facilities along with their characteristics on the entire State Highway System (SHS). The inventory included: shared-use paths, signalized intersections, outside lane width, nominal sidewalk buffer width, shared lane markings, bike lanes, bike slots, buffer widths, sidewalks, and shoulder types. This data is extremely valuable as FDOT is often asked about the number of miles of pedestrian and bicycle facilities they have constructed and maintain. While this data is valuable to FDOT, it has not been consistently collected for the entire SHS.

#### Results

The newly updated inventory allowed for an accurate evaluation of how well the SHS serves bicyclist and pedestrians. Critical in evaluating bike and pedestrian level of service (LOS) is accounting for the presence of sidewalks and bike lanes and their characteristics. Seventy-five percent of SHS facilities in the seven largest counties have sidewalks while 59 percent of the entire SHS has bike facilities. As part of a separate effort, the bike and pedestrian LOS analyzed for all the nonlimited access facilities on the SHS. This effort provided an indicator of the quality of bike and pedestrian services within the SHS.

#### Applicability to the Mobility Performance Measures Program and FDOT

Without this inventorying effort, important information FDOT needs to evaluate and prioritize its efforts in providing for pedestrians and cyclists would be unavailable. In addition, the effectiveness of various facility types for improving safety or mobility could not be ascertained without data on the types of facilities that have been provided.



#### Next Steps

Florida DOT will report on bike and pedestrian facility coverage annually; similarly, FDOT will evaluate the bike and pedestrian LOS for the SHS and report the results in the Source Book.