

## APPENDIX B

# Synopsis of Pilot Testing Scenario

Submit this worksheet by July 15, 2007 for each performance measure your institution plans to pilot test.

**Organization:** SMART SunGuide TMC, Florida Department of Transportation, District 4

**Description of transportation network managed by the volunteer organization:**

The SMART SunGuide TMC employs numerous innovative ITS technologies, computer software and telecommunications to help improve traffic flow, reduce congestion, enhance productivity and save lives and time for motorists on major roadways throughout District 4. The current ITS deployment in Broward County includes 31 DMS, 45 CCTV, and 100 VDS.

**Primary Point of Contact:**

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**Indicate the performance measure your organization plans to pilot test:**

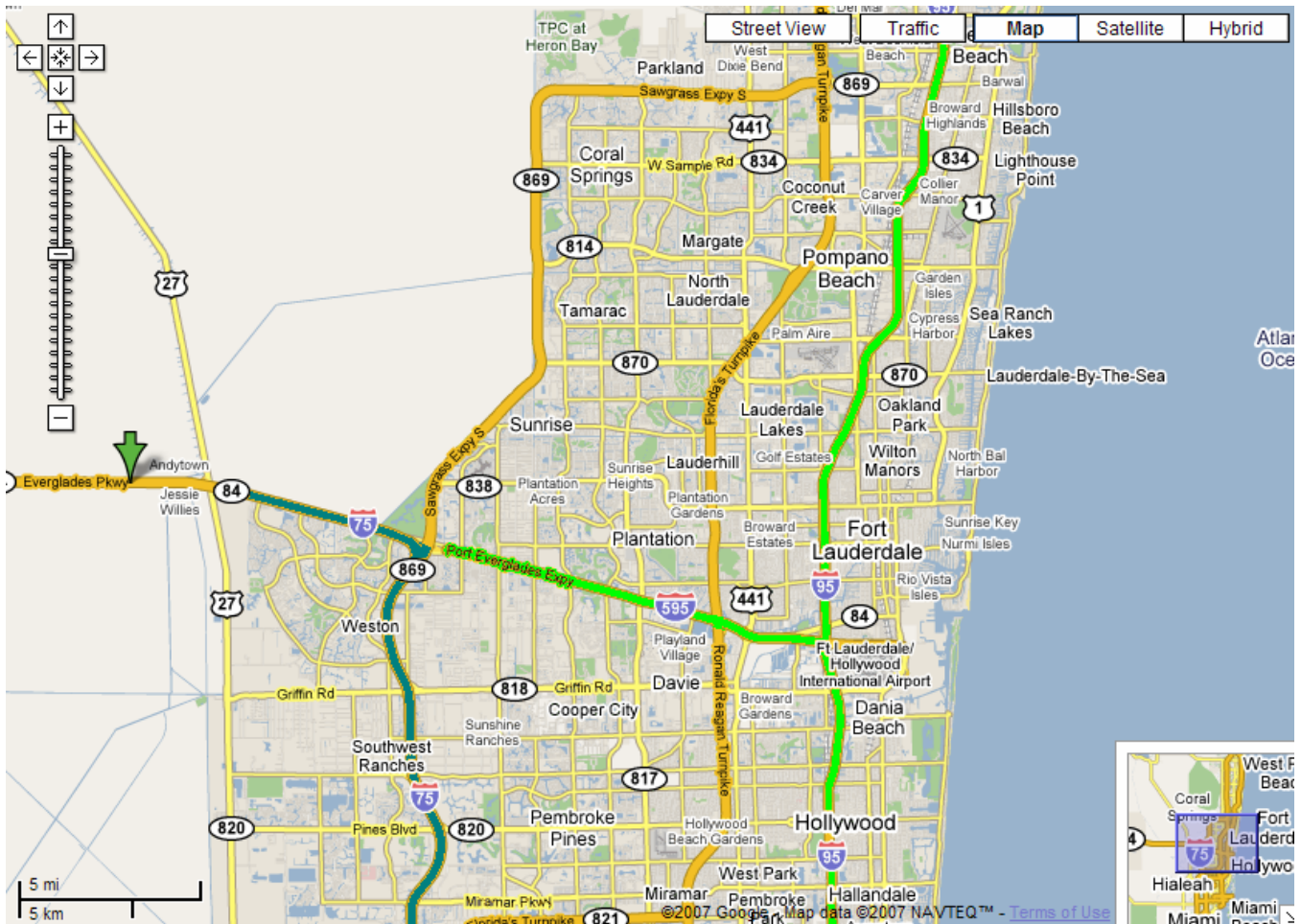
- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Recurring Delay                | <input checked="" type="checkbox"/> Non-Recurring Delay             |   |
| <input checked="" type="checkbox"/> Extent of Congestion - Spatial | <input checked="" type="checkbox"/> Extent of Congestion – Temporal |   |
| <input checked="" type="checkbox"/> Travel Time - Facility         | <input type="checkbox"/> Travel Time – Trip                         | <input checked="" type="checkbox"/> Speed |
| <input checked="" type="checkbox"/> Incident Duration              | <input checked="" type="checkbox"/> Customer Satisfaction           |   |
| <input checked="" type="checkbox"/> Throughput - Vehicle           | <input type="checkbox"/> Throughput - Person                        |   |

**Provide a brief description of the pilot test. Indicate the locations, types of facilities, data requirements, data collection techniques (where alternatives exist), and anticipated dates of data collection (or dates of archived data) as appropriate.**

Volume, occupancy, speed, and travel time data will be obtained from the SunGuide software, using the Data Archiving process. Travel time and detector data will be averaged out into 15 minute segments which will be used for processing. Detector stations in Broward County on I-95 will be used for the analysis, and are spaced approximately every ½ mile. Travel times will be based, roughly speaking, every 3 exits. Incident Duration is already calculated as defined and is currently available on a weekly basis on the SMART SunGuide website at [www.smartsunguide.com](http://www.smartsunguide.com). A customer satisfaction survey has already been conducted for the state of Florida and can be used for this study if desired (no new study will be performed).

Please see the attached documents for the customer satisfaction survey and the FDOT District 4 ITS Performance Measures definitions.

# Detector Coverage Map



- Current Phase 1 Deployment
- Future Phase 2 Deployment