

SECTION 7 SUMMARY OF TRANSPORTATION SYSTEMS MANAGEMENT ACTIVITIES

Transportation Systems Management (TSM) improvements are those which increase the transportation system's efficiency and mobility through coordinated operation and management of existing urban transportation facilities and services. TSM improvements may preclude the need to implement costly large-scale projects, thereby providing substantial savings.

The Broward County Transportation Systems Management Element will:

- Provide for the short-range transportation needs of the region by making more efficient use of existing transportation resources.
- Identify traffic engineering, public transportation, regulatory pricing, management, operational, and other improvements to the existing urban transportation system (excluding major changes to existing facilities or new transportation facilities).
- Provide the policy or framework for continued transportation considerations not involving new facilities or major changes.

TSM improvements include adding a turning lane at an intersection; re-striping; pavement markers; operational or service oriented improvements such as improving traffic signal timing, express bus service, and route deviation; new procedures oriented toward increasing bus ridership and auto occupancy; management improvements; and improved financial resources and transportation policies. Projects included in the TSM element will have the greatest positive effects on system efficiency and, consequently, are receiving priority from the implementing agencies.

TSM projects, as reflected here, are the result of detailed studies performed by the planning and implementing agencies in Broward County. At the planning level, the Unified Planning Work Program (UPWP) of transportation planning activities plays a key role in determining the need for those improvements, as well as providing the framework for their implementation. The FY 08/09 – 09/10 UPWP contains several tasks depicting TSM planning efforts such as:

- Highway, Traffic and Safety Data (Task 2.1) – update traffic counts, accident data, and ongoing surveillance.
- Transit Surveillance and Development (Task 2.2) – including traffic counts, accident data, and transit ridership.
- Congestion Management Process and Corridor Planning (Task 3.4) – Identify highly congested transportation corridor and innovative mitigated strategies.
- Special Project Planning (e.g., Tasks 4.1, Pedestrian and Bicycle Planning and Task 4.2, Transportation Disadvantaged Planning).

In addition to work described in the UPWP, the Florida Department of Transportation, the Broward Metropolitan Planning Organization Division, Traffic Engineering Division, and Highway Construction and Engineering Division conduct their own studies leading to the programming of improvements such as the HOV lanes and Intelligent Transportation System (ITS). When completed, these improvements will increase the efficiency of the highway links and the Strategic Intermodal System (SIS), provide energy savings, and improve air quality. Furthermore, previous studies conducted by the MPO in conjunction with other governmental agencies have resulted in the current express bus routes, future route deviation and demand-responsive services, the selection of high priority intersection improvements, and the current Ridesharing Program.

SUMMARY OF TRANSPORTATION SYSTEMS MANAGEMENT ACTIVITIES

INTERSECTION IMPROVEMENTS

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
Hallandale Bch Blvd	At NW 8 Ave	949	Underway
SR 7	At Sheridan St	164	Underway
SR 7	At Johnson St	816	Underway
US 1	At NE 2 St	1527	Underway

MEDIAN REVISIONS

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
Hollywood Blvd	W of Presidential Circle To W of Hollywood Canal	17	Underway
US 1	SE 30 St to SR 84	157	Underway

INTERCHANGE IMPROVEMENTS

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
FTPK	At Hollywood Blvd	819	10-11
I-75	At Miramar Pkwy	72	10-11

RAILROAD CROSSING IMPROVEMENT

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
NE 3 Street	At FEC Crossing 272591F	1479	Underway
Johnson Street	At FEC Crossing 2752584V	1341	Underway

TRAFFIC SIGNALS

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
Broward County	Countywide	285	Underway
Broward County	Computer Signal Operations	1153	08-09 to 09-10

INTELLIGENT TRANSPORTATION SYSTEMS

<u>PROJECT</u>	<u>LIMIT</u>	<u>TIP NO</u>	<u>YEAR</u>
Broward County	Regional ATIS Project	269	07-08