

INTELLIGENT TRANSPORTATION SYSTEMS AND CONGESTION/MOBILITY MANAGEMENT SYSTEMS

A portion of the Cost Affordable Plan is devoted to short-range transportation projects. These projects are eligible to utilize Congestion/Mobility Management Systems (C/MMS) funds shown in the LRTP financial plan. In the past, Congestion/Mobility Management funds have been allocated in the Financial Plan at the rate of \$500,000 per year (\$250,000 a year apiece for County and State facilities), thus generating \$9,000,000 over the life of the long range plan. For the most part, C/MMS projects in Hernando County consist of intersection improvements or other traffic operations enhancements in order to mitigate the effects of congestion in lieu of major capital improvements. However, two major corridor action plans for SR 50 have now been added to the C/MMS program. These projects will identify traffic operations and frontage road improvements along high priority roadway segments to be implemented either prior to or in conjunction with major capacity improvements.

A major ITS project for Hernando County is the continued implementation of a Traffic Management System. The components of a TMS include field hardware (closed circuit television cameras (CCTV), dynamic message signs, traffic signals, vehicle detectors and communications equipment), a Traffic Control Center with associated hardware and software and the policies and procedures established to deal with transportation-related events, and pertinent staff. The traffic control center will serve as the monitoring and control center for the operation of 74 traffic signals, and a detection system providing a safe and efficient transportation system in Hernando County. By continuously monitoring the flow of traffic along the major arterials, the County's Traffic Engineering Office will be able to manage real-time information concerning accidents, lane closures, road construction, signal malfunctions and other incidents.

A State ITS project currently in the adopted work program is a Freeway Management System for I-75, scheduled for implementation in 2006/07.

A list of C/MMS and ITS projects including projects descriptions, time frame, estimated cost, and associated revenue sources is shown in Table 5, while Map 9 depicts project locations.

Hernando County MPO

Congestion/Mobility Management Systems (C/MMS) Improvements

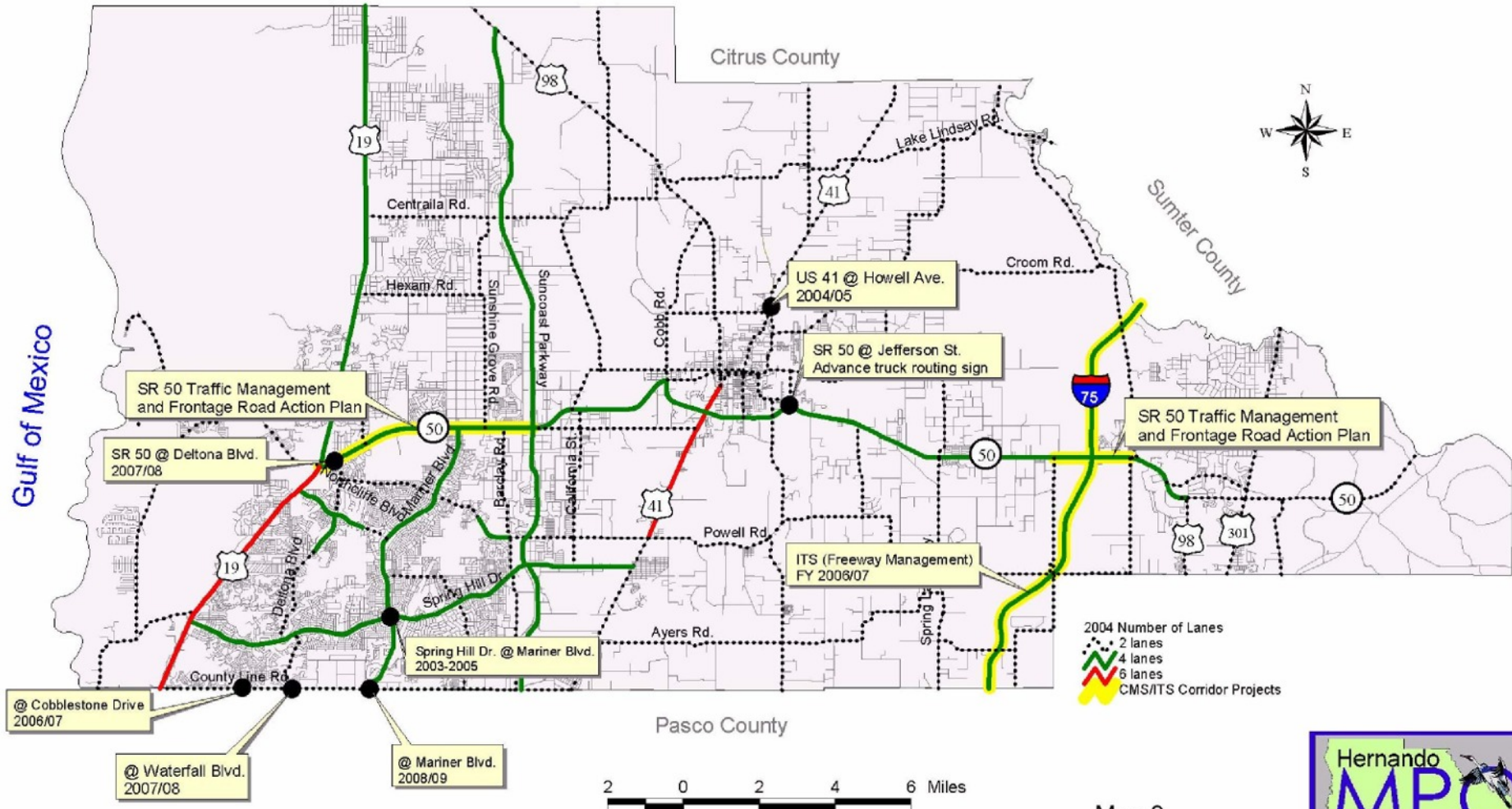


Table 5
Intelligent Transportation System and Mobility Management System Projects
(not included as part of highway or transit projects)

Type of Improvement	Project Location and Limits	Time Frame	Jurisdiction	Project Cost
INTELLIGENT TRANSPORTATION SYSTEM PROJECTS				
Freeway Management System	I-75 from Pasco County to Sumter County	2007	FIHS	\$100,000
Advance Truck Routing Signage	SR 50 at Jefferson St.	TBD	County	\$250,000
Traffic Signal System Operations	Countywide	Ongoing	County	TBD
CONGESTION MANAGEMENT SYSTEM PROJECTS				
Traffic Management and Frontage Road Action Plan	SR 50 from High Point Blvd. to Barclay Ave.	TBD	State/County	TBD
Intersection Improvement	US 41 @ Howell Ave.	2005	State/County	\$250,000
Intersection Improvement	SR 50 @ Deltona Blvd.	2008	County	\$500,000
Intersection Improvement	Spring Hill Drive @ Mariner Blvd.	2003-05	County	\$4,193,000
Intersection Improvement	County Line Rd. @ Cobblestone Blvd.	2007	County	TBD
Intersection Improvement	County Line Rd. @ Waterfall Blvd.	2008	County	TBD
Intersection Improvement	County Line Rd. @ Mariner Blvd.	2009	County	TBD
Intersection Illumination	US 19 and SR 50 Corridors	2005-2009	County	\$4,300,000
Traffic Management and Frontage Road Action Plan	SR 50 from Lockhart Rd. to Kettering Rd.	TBD	State/County	TBD
TOTAL PROJECT COSTS				\$9,593,000