

II. TRANSPORTATION ELEMENT

GOAL 1: TO PROVIDE AND ENCOURAGE A MULTIMODAL TRANSPORTATION SYSTEM THAT MEETS THE CIRCULATION NEEDS OF MARCO ISLAND IN A SAFE AND EFFICIENT MANNER BUT DOES NOT ADVERSELY IMPACT THE QUALITY OF LIFE OF THE RESIDENTS.

Objective 1.1: Promotion of a safe, convenient, and energy efficient multimodal transportation system.

Policy 1.1.1: Incorporation of the recommendation contained in the Right-of-Way Report into the five-year capital Improvement Element based on priority of need and availability of fiscal resources.

Measurement: Transportation system upgrades contained in the five-year CIE and CIP.

Policy 1.1.2: Continuation of the sidewalk assessment program to provide a complete sidewalk network adjacent to all arterial and collector roads by 2005.

Measurement: Annual number of linear feet of sidewalk installed along arterial and collector roads.

Policy 1.1.3: All new and/or structurally renovated commercial or multi-family developments shall incorporate amenities for enhanced pedestrian access and support facilities for bicycles. At a minimum such projects shall include one ADA compliant pedestrian facility from the public right of way to the front of the structure and one four (4) unit bicycle rack. Additional or enhanced facilities for larger developments will be encouraged and appropriate parking credits/reductions will be offered as incentives.

Measurement: Land Development Code amendments addressing bicycles and pedestrian facilities at new and renovated commercial and multifamily developments.

Policy 1.1.4: Review existing parking standards and adopt new standards which provide for reduction and/or credit for those developments which

Goals * Objectives * Policies

Transportation

provide bicycle and pedestrian facilities within one year of plan adoption.

Measurement: *Land Development Code amendments that include parking reductions/ Credits for projects that provide bicycle and pedestrian facilities.*

Policy 1.1.5: Seek enhancement grants through the MPO to fund bicycle and pedestrian improvements.

Measurement: *Enhancement grants applied for through the MPO to fund bicycle and pedestrian system improvements.*

Policy 1.1.6: Work with the MPO/State Bicycle and Pedestrian Coordination to promote public education of the benefits of walking and bicycling through yearly forums to be held on the island.

Measurement: *Number of forums held on the island.*

Objective 1.2: Coordinate the transportation system with the Future Land Use Map to ensure population densities, housing and employment patters, and land uses are consistent with the capabilities and capabilities of the transportation network (see figure 3).

Policy 1.2.1: Utilize the Future Land Use Map to monitor development activities within established TAZ's (traffic analysis zones) annually to ensure that traffic volumes remain within projected levels.

Measurement: *Annual review of TAZ data, monitor for spikes which could adversely impact the transportation network.*

Policy 1.2.2: Resist rezoning of non-commercial property to commercial use which could adversely impact the projected traffic volume on the Island's transportation network.

Measurement: *Number of non-commercial land rezoned to allow for commercial uses.*

Policy 1.2.3: Require all major commercial and multifamily projects, over 8,000 square feet or sixteen units, to provide a traffic impact analysis study as part of the site development review process. Require on and off-site mitigation strategies as deemed necessary to offset impacts.

Goals * Objectives * Policies**Transportation**

Measurement: *Number of Traffic Impact Analysis studies performed annually.*

Objective 1.3: Coordination of the City's Transportation Element with the MPO and FDOT to ensure project/improvement consistency with external plans and programs.

Policy 1.3.1: Transmission of the City's Transportation Element to the Naples/Collier County MPO and to the FDOT regional office upon plan adoption.

Policy 1.3.2: Seek incorporation of the City's Right-of-Way Report as a component of the MPO's Long Range Transportation Plan.

Measurement: *Success in having the Right-of-Way Report incorporated into the MPO's Transportation Plan.*

Policy 1.3.3: Review all State and County road improvement projects within the City to ensure compatibility with the goals, objectives and policies of this element.

Measurement: *Number of state or county transportation projects within Marco Island reviewed for consistency with the City's Transportation Element.*

Policy 1.4: Maintain designated Levels of Service for arterial, collector and local roads on Marco Island.

Policy 1.4.1: The City shall monitor, and regulate if necessary, the timing of development, construction of roadway improvements, and implementation of other transportation programs to maintain prescribed level of service (LOS) standards. The City's adopted LOS as listed hereafter, reflect generalized maximum daily volumes as derived from peak hour traffic conditions:

- Arterials – LOS D (except SR 951 from the Jolley Bridge to CR 92 – LOS C)
- Collectors – LOS D
- Local Roads – LOS D

Measurement: *Quarterly traffic report*

Policy 1.4.2: The City shall conduct quarterly traffic counts on all arterial and collector streets to monitor levels of service.

Goals * Objectives * Policies**Transportation**

Measurement: *Quarterly traffic reports.*

Policy 1.4.3: Upon Comprehensive Plan adoption require concurrency analysis for all new single family, multifamily and commercial projects prior to the issuance of building permits.

Measurement: *Annual number of letters of adequate public facilities issued for new development projects to ensure concurrency requirements.*

Policy 1.4.4: The City will continue to fund and resurface roadways consistent with the adopted street resurfacing program.

Measurement: *Annual number of lane miles resurfaced and/or funded.*

Policy 1.4.5: The City shall expand upon the existing FDOT management plan for North Collier Boulevard in a manner consistent with the standards and protocols contained in Collier County Resolution Number 92-442 (A Policy establishing the Collier County Access Management System for Arterial and Collector Roadways) to control and/or minimize connections and access points of driveways along arterials and collector streets.

Measurement: *Funding for an access management plan will be appropriated in fiscal year 2001.*

Policy 1.4.6: The City will maintain the existing (2000) roadway system shown in Figure 3 and use fiscal means available to expand the roadway system as deemed necessary to remain consistent with planned 2010 Roadway Network shown in Exhibit 3 and adopted level-of-service standards, through prudent capital improvement planning and programming.

Objective 1.5: Protect and reserve existing and future rights-of-way to prevent structural encroachments and to ensure adequate ultimate roadway widths for maintenance of adopted level-of-service standards, consistent with this element, the 2020 Collier County MPO Transportation Plan and the Land Development Code (LDC). (See Figure 4).

Goals * Objectives * Policies	Transportation
Policy 1.5.1:	Ensure all new construction and redevelopment projects comply with required setbacks through diligent zoning and site plan review. Require dedication of the rights-of-way depicted in this element, the 2020 Collier (Incomplete sentence)
<i>Measurement:</i>	<i>Require all projects to receive setback review prior to permit issuance, and again at final inspection prior to permit issuance, and again at final inspection prior to the issuance of a certificate of occupancy.</i>
Policy 1.5.2:	Require all work conducted within right-of-way areas to first submit a permit application that will be reviewed and approved by the Public Works Department.
<i>Measurement:</i>	<i>Number of right-of-way permits issued annually.</i>
Policy 1.5.3:	Seek the abatement of existing structural encroachments through proactive code enforcement as prescribed in the City's Nuisance Ordinance.
<i>Measurement:</i>	<i>Number of Notice of Violations issued for ROW infractions/complaints received annually.</i>
Policy 1.5.4:	Investigate the potential for easements on private land to accommodate street trees along roadways with limited right-of-way areas.
Objective 1.6:	Incorporation of recommended improvements contained in the bridge analysis study that will enhance bridge safety and capacity into future capital improvement budgets.
<i>Measurement:</i>	<i>Recommended projects contained in the five-year capital improvement plan (CIP) and annual budgets.</i>
Policy 1.6.1:	Implementation of a bridge replacement/renovation program as part of future capital improvement projects beginning in FY 2001.
<i>Measurement:</i>	<i>Bridge replacement/renovation projects budgeted annually.</i>
Objective 1.7:	Maintain diligence in participation in MPO activities as both a voting member and as members of the technical advisory committee.

Goals * Objectives * Policies

Transportation

Measurement: *Attendance by City representative at both MPO and TAC (technical advisory committee) meetings.*

Policy 1.7.1: Within one year of Plan adoption seek to have the Right-of-Way Report included as a component of the MPO's Long Range Transportation Plan.

Measurement: *Either inclusion of Report into Long Range TIP or written response from MPO explaining why the Report cannot be included.*

Policy 1.7.2: Provide well-prepared enhancement grant proposals to the MPO for qualified projects on Marco Island.

Policy 1.7.3: Strongly advocate the expansion of the Jolley Bridge facilities to the MPO's funded priority list, and continue all efforts necessary until project completion.

Measurement: *Success in placing the bridge on the MPO's funded priority list. Other civic efforts to help accomplish this vital project.*

Policy 1.7.4: Within one year of Plan adoption the City will request FDOT prepare a preliminary engineering study to ascertain the engineering feasibility of adding additional lanes to the existing Jolley Bridge.

Measurement: *Completion of a preliminary engineering study on adding additional lanes to the existing Jolley Bridge.*

Policy 1.7.5: Assist in the recruitment of qualified individuals from Marco Island to serve on the MPO's Citizen Advisory Committee.