

SECTION 2
Transportation
GOALS, OBJECTIVES, and POLICIES

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GOAL T1

The City of Deltona shall develop programs to ensure that current and future land uses are served by adequate transportation and multi-modal system options.

OBJECTIVE T1-1

The City of Deltona shall continue to coordinate with the Florida Department of Transportation, Volusia County, River to Sea Transportation Planning Organization (TPO), VOTRAN, and other governmental and transportation entities to implement programs as appropriate, with the intent of providing a safe, convenient, and efficient, multi-modal transportation system.

Policy T1-1.1

The City of Deltona shall maintain and implement land use regulations designed to protect existing and future rights-of-way necessary for transportation system improvements.

Policy T1-1.2

The City of Deltona shall coordinate and cooperate with the FDOT, TPO, ECFRPC (if needed), and Volusia County to manage access to the State and County transportation system in order to facilitate efficient traffic flow and enhance State and County transportation system capacity.

Policy T1-1.3

The City of Deltona shall maintain a City-wide network of thoroughfare roadways and multi-modal transportation infrastructure.

Policy T1-1.4

The City of Deltona shall maintain land use regulations, including, but not limited to, access control/management and cross access easements, to facilitate safe and efficient mobility on the City transportation network.

Policy T1-1.5

The City of Deltona shall require applicants for new development proposals to dedicate the right-of-way necessary for future transportation system improvements at the time of development approval, as determined in the City's land development regulations; or to construct a portion of the multi-modal network through proportionate fair-share.

Policy T1-1.6

The City of Deltona shall coordinate major transportation system improvements with the River to Sea Transportation Planning Organization (TPO), Volusia County, VOTRAN, ECFRPC, with appropriate local municipalities, and any other applicable regional transportation entities.

Policy T1-1.7

The City of Deltona shall provide incentives that encourage compact, energy efficient, multi-modal oriented urban development, in appropriate places, through coordination with the Future Land Use Element.

Policy T1-1.8

The City of Deltona shall work cooperatively with the TPO, VOTRAN, ECFRPC, SunRail, etc. in their efforts at developing convenient, efficient and cost effective mass transit and other ride sharing programs to expand ridership throughout the City.

Policy T1-1.9

The City of Deltona shall implement programs directed toward monitoring surface road conditions, require access management, and maintain roadway conditions in an acceptable manner to facilitate safe driving.

Policy T1-1.10

The City of Deltona shall coordinate with the TPO and other entities, as deemed appropriate, to further develop City-wide bicycle and pedestrian infrastructure to accomplish the following transportation oriented initiatives:

- a. Expand, with the intent of establishing connections to commercial, institutional and recreational nodes, the multi-modal trail system within the City for bicycle and pedestrian use;
- b. Expand the City sidewalk system; and
- c. Promote the use of existing and future pedestrian and bicycle infrastructure by disseminating information to the public concerning the City pedestrian and bicycle system.

Policy T1-1.11

The City of Deltona shall maintain and implement land development regulations for the safe and efficient movement of pedestrians with all new development proposals.

Policy T1-1.12

To promote safety, the City of Deltona shall review accident data for major arterial thoroughfares and shall coordinate with FDOT, TPO, and Volusia County to prioritize major arterial safety improvements. Analysis of accident data shall be utilized to prioritize roadway improvements for roadways that it owns and maintains.

Policy T1-1.13

The City of Deltona shall maintain and improve the City of Deltona's, thoroughfare network to enhance automobile, transit, pedestrian, and bicycle modes of mobility.

Policy T1-1.14

The City of Deltona shall assess the existing sidewalk network to locate specific problem areas related to interconnectivity, obstructions, damaged sidewalks, lack of crosswalks, inappropriate widths, the need for handicap ramps and other improvements and prioritize improvements based on costs and location.

Policy T1-1.15

Priority for the installation of new sidewalk infrastructure within the City will be based on promoting network connectivity, addressing safety needs and fostering greater pedestrian linkage with schools.

OBJECTIVE T1-2

The City of Deltona shall provide for the separation of local traffic from through traffic to facilitate efficient and safe vehicular movement.

Policy T1-2.1

Traffic circulation shall be coordinated with the Future Land Use Element to ensure compatibility between land use and the transportation system.

Policy T1-2.2

Residential neighborhoods shall be protected to the greatest extent possible from the impacts of improvements to high volume transportation systems.

Policy T1-2.3

Where appropriate, frontage or rear access roads and cross access easements shall be required for development proposals, as determined by the City's land development regulations.

Policy T1-2.4

The City of Deltona shall initiate a City-wide transportation analysis to identify needed transportation improvements for the purpose of developing a Five Year Road Work Program, to be reflected in the Capital Improvements Program.

OBJECTIVE T1-3

The City of Deltona shall continue to coordinate with other local governments, the TPO, and other entities to provide a coordinated system of arterials, collectors, and local streets.

Policy T1-3.1

The City of Deltona Transportation Element shall be coordinated with the Future Land Use Element and all other applicable elements to ensure compatibility between land use and the transportation system necessary to support it.

Policy T1-3.2

The City of Deltona shall maintain land use regulations, including access management, which provide for the continued safe and efficient movement of local traffic. Such regulations also maintain, and enhance roadway level of service, capacity, and mobility.

OBJECTIVE T1-4

The City of Deltona shall establish, achieve and maintain peak hour level of service standards on the transportation system.

Policy T1-4.1

The City of Deltona shall utilize the most recent highway capacity tables offered by the Florida Department of Transportation as a guide in the determination of local Transportation System Capacity with all future updates of the Transportation Element. The City may prepare a more detailed traffic capacity analysis if determined necessary.

Policy T1-4.2

The City shall maintain peak hour level of service standards for identified roadway segments within the City as presented on the Roadway LOS Table.

Policy T1-4.3

Unless a thoroughfare is designated separately within the LOS Roadway Segment Table of this document for a level of service standard, the City of Deltona shall establish the following *pm* peak hour level of service standards:

Table: Roadway LOS

Functional Classification	Acceptable Standard
I-4	As determined by FDOT
Arterial	E
Collector	E
Local	D

Policy T1-4.4

Roadway level of service thresholds shall be defined consistent with the FDOT Quality/Level of Service Handbook (A.K.A. Look up tables).

Policy T1-4.5

All new educational facilities in Deltona should be accessible from at least two public streets, to reduce facility traffic impacts and to improve public safety. New public or private educational facilities shall, to the maximum extent possible, be located on or directly accessible from a thoroughfare roadway.

Policy T1-4.6

The City of Deltona shall seek funding through partnering with the TPO and/or other government entities to improve existing or projected transportation deficiencies identified through appropriate studies and analysis.

Policy T1-4.7

The City of Deltona’s thoroughfare roads may be eligible for improvements. For those thoroughfares on the Thoroughfare Map which are City maintained, eligibility for the use of City transportation impact fees shall be considered by the City Commission.

Policy T1-4.8

In the evaluation of proposed changes in land use and/or zoning actions, the existing design of the transportation system shall be considered in addition to its functional classification to

evaluate the impacts of the land use change and/or zoning action on the operation of the transportation system.

Policy T1-4.9

The City of Deltona shall coordinate any changes in its adopted level of service standards with the FDOT, the TPO, Volusia County, and if applicable, other local municipalities and shall identify constrained facilities and appropriate mitigation strategies.

Policy T1-4.10

The City of Deltona shall include all capacity related transportation system improvements which are funded for construction in the first three years of the City of Deltona Five Year Road Program and the City of Deltona Capital Improvements Program.

OBJECTIVE T1-5

The City of Deltona shall consider the need for future traffic operation measures in the design of all major transportation system improvements.

Policy T1-5.1

The City shall continue to utilize Florida Standard Urban Transportation Model Structure (FSUTMS), TPO TIA guidelines as approved by the City, and the latest addition of the ITE Manual along with other applicable data to evaluate the City transportation system.

Policy T1-5.2

The City of Deltona shall strategically review and study signalized intersection operations. This information will be used to determine and prioritize intersection improvements including but not limited to turn lane additions/modifications, signal timing, etc.

Policy T1-5.3

The City of Deltona shall study and undertake feasible intersection improvements as a solution to address existing or projected transportation system deficiencies.

Policy T1-5.4

The City of Deltona shall coordinate with the TPO, VOTRAN, Volusia County, ECFRPC, FDOT, and other transportation oriented entities to ensure that the provision of mass transit, including express bus service, is considered in lieu of or as part of major highway construction projects.

Policy T1-5.5

The timing of intersection signalization and related intelligent transportation systems shall be coordinated with Volusia County, as appropriate, and considered by the City as an appropriate method to manage traffic.

OBJECTIVE T1-6

The City of Deltona shall coordinate traffic circulation improvements with both the Conservation and Future Land Use Elements and thereby direct development of the

transportation system to areas that are consistent with the Conservation and Future Land Use Elements of the Comprehensive Plan and the City's minimum environmental standards.

Policy T1-6.1

The City of Deltona shall seek to avoid and if necessary mitigate the potential environmental impacts of major transportation system improvements.

Policy T1-6.2

The City of Deltona shall coordinate its transportation system with the Conservation Element of the City of Deltona to ensure that environmentally sensitive areas are protected from the impacts of the transportation system.

Policy T1-6.3

The City shall utilize the following transportation strategies to address greenhouse gas emission reduction:

- a. Coordinate transportation improvements to support existing/planned development nodes and mixed use development formats with the intent of reducing VMT and furthering compact urban development patterns;
- b. Continue to further develop the City's sidewalk system to provide safe and effective pedestrian access to schools, parks, commercial areas, etc.;
- c. Continue to expand and establish non-automotive links to the multi-use trail system within the City;
- d. Maintain a viable and expanding bus service area within the City by continuing/implementing compact urban development activities, coordinating with VOTRAN, LYNX, or other providers to ensure appropriate funding, etc.;
- e. Expanding and maintaining park and ride type facilities to foster carpooling activities;
- f. Active participation including engaging in partnership oriented funding, securing of grants, etc. regarding the phased development of a multi-modal transportation center located along the I-4 corridor;
- g. Encourage further use of the SunRail system by Deltona residents through increased bus service, expanding parking, etc.;
- h. Prepare and plan for the I-4 envelope to be used for mass transit such as high speed rail, light rail, etc. through appropriate land use allocation, land development reviews and other techniques as deemed appropriate;
- i. Support an effective and convenient Deltona connection associated with the Volusia Transit Connector or any similar initiative.

OBJECTIVE T1-7

The City of Deltona shall coordinate with the transportation and related plans and programs of the TPO, the FDOT, the ECFRPC, the St. Johns River Water Management District (SJRWMD), the U.S. Army Corps of Engineers, the Federal Aviation Administration, VOTRAN, Volusia County, local municipalities and all other affected agencies.

Policy T1-7.1

The City of Deltona shall coordinate, as appropriate, with Volusia County, the TPO, and nearby municipalities with regard to transportation improvements, studies, and capital improvement planning.

Policy T1-7.2

The City of Deltona shall continue to involve the citizens and those affected agencies in the development and implementation of its Five Year Road Programs.

Policy T1-7.3

As appropriate the City of Deltona shall coordinate with the TPO, the FDOT, Volusia County, other regional and Federal agencies, local municipalities, and affected departments in the City for comments on all major transportation system improvements.

Policy T1-7.4

The City of Deltona shall work with FDOT, Volusia County, VOTRAN, and other applicable entities to identify strategies in which it can achieve a more balanced multi - modal system to help meet the City's transportation needs.

Policy T1-7.5

The City of Deltona shall encourage VOTRAN to expand the local transit route system for greater connection opportunities and reduced headways. The anticipated outcome would be more convenient transit including providing greater access to the SunRail system.

Policy T1-7.6

The City of Deltona shall coordinate with Volusia County, VOTRAN, and other appropriate entities to ensure a convenient connection between the City and SunRail.

Policy T1-7.7

Regarding the use of the I-4 envelop for high speed rail, express bus service, or other mass transit initiatives such as the Volusia Transit Connector, the City shall encourage a station/stop within or near the City to make any facility conveniently accessible to area residents. Such a facility could be integrated with existing or planned park and ride facilities to minimize capital costs and to avoid competing locations.

OBJECTIVE T1-8

The City of Deltona shall coordinate with and assist the River to Sea Transportation Planning Organization (TPO), the Volusia County Council, the Florida Department of Transportation, and

other transit related agencies in their efforts to provide efficient and cost effective multi – modal services within the City.

Policy T1-8.1

Deltona shall continue to coordinate with the River to Sea TPO, Volusia Transit Authority (VOTRAN), the Florida Department of Transportation, and other entities to explore meaningful ways of ensuring efficient mass transit availability to residents of Deltona, including but not limited to lower headways in peak hours, implementation of transportation demand management measures, route evaluations and potential reorganization based on performance measures, etc.

Policy T1-8.2

The City of Deltona shall coordinate with the River to Sea TPO, VOTRAN and other entities as deemed appropriate to explore meaningful ways to ensure the transportation disadvantaged population is adequately served by transit. These may include implementation of service standards, reevaluation of routing based on demographic and land use information, implementation of special transit services, etc.

Policy T1-8.3

Where appropriate, City transportation projects, new or expanded, shall include bicycle facilities, sidewalks, parking bays for buses, and passenger shelters for both public and private bus and/or ride sharing programs.

Policy T1-8.4

The City of Deltona, which is not a service provider of transit services, shall cooperate with VOTRAN and other entities to ensure that applicable mass transit is funded and levels of service are maintained or improved.