

21.205 Transportation Element.

This element assesses and makes transportation recommendations for integrating all modes of travel (bicycle, pedestrian, bus/transit, and motor vehicle) both on campus and in the off-campus planning study area. These recommendations shall coordinate policies, programs and projects with the host and/or affected local governments, as well as with other state and regional agencies.

- (1) TRANSPORTATION DATA AND ANALYSIS REQUIREMENTS. This element shall be based on the following data and analysis requirements, pursuant to Subparagraph 21.202(2).
- (a) Inventory and assess parking located on campus and off-campus if owned or controlled by the University. The assessment shall include campus parking demand for the base year and projected year that incorporates allowance for transportation demand management policies that may reduce parking demand. The assessment shall also consider parking demand for special events, as applicable.
 - (b) Inventory and assess transit facilities and services on campus and in the planning study area including:
 - 1. service providers;
 - 2. routes;
 - 3. stop locations;
 - 4. frequency of service;
 - 5. ridership;
 - 6. vehicle capacity; and
 - 7. planned service modifications identified in the local government comprehensive plan's capital improvement element, transit agency's service plan or other comparable planning document.
 - (c) Inventory and assess facilities and services for bicycling and walking including existing and planned facilities on campus and in the planning study area with identification of the facility location and type.
 - (d) Inventory and assess opportunities to implement transportation demand management strategies, including strategies that link transportation and future land use such as transit-oriented design, walkable activity centers and multimodal districts.
 - (e) Inventory and assess safety of the on-campus transportation system users including:
 - 1. traffic crash data for bicycles; pedestrians and motor vehicles;
 - 2. lighting assessment for bicycle and pedestrian facilities; and

3. identification of high traffic crash locations and other safety concerns on campus.
- (f) Inventory planned new roads, road modifications, and other planned transportation system modifications (including transit, bicycle and pedestrian) with cost estimates identified in the local government comprehensive plan's capital improvement element, the regional long-range transportation plan, the university's capital improvement program, and other transportation plan documents as applicable.
- (g) Inventory and assess roadways on campus and in the planning study area including:
1. adopted level of service (LOS);
 2. traffic counts;
 3. maximum service volumes;
 4. pavement condition;
 5. road designations (i.e. FDOT Strategic Intermodal System and local government Constrained Facilities); and
 6. evaluation of opportunities to implement transportation system management strategies that address intersection, operations and safety components of the roadway system.
- (h) Assess roadway capacity on campus and in the planning study area for the campus master plan base year and projected year including assessment of:
1. future conditions for enrollment, building program and parking facilities;
 2. mode split;
 3. transportation demand management strategies; and
 4. trip generation.
 5. This roadway capacity assessment shall utilize traffic analysis zones (TAZs) and methodologies acceptable to the host and/or affected local governments, and shall be based upon professional standards of transportation for assessment of university traffic impacts significantly affecting off-campus roads in the planning study area. This assessment shall include:
 - i. Map(s) and/or data tables to identify transportation facilities and services on campus and in the planning study area that will be operating below the adopted level of service standard in the projected plan year.
 - ii. Map(s) and/or data tables to identify deficient transportation facilities and services for all modes on campus and in the planning study area that are significantly and adversely impacted by university-generated travel demand in the projected plan year.

(2) REQUIREMENTS FOR TRANSPORTATION GOALS, OBJECTIVES AND POLICIES.

- (a) The element shall include one or more goals for the provision of future transit, auto circulation, parking, pedestrian and non-motorized vehicle facilities, including sustainable transportation approaches that address:
 - 1. Travel options to reduce dependence on single-occupant vehicles;
 - 2. Reduction of greenhouse gas emissions; and
 - 3. Reduction of dependence on foreign oil.
- (b) The element shall contain one or more objectives for each goal that address:
 - 1. The provision of parking facilities on or off the campus to meet future university needs;
 - 2. The provision of future traffic circulation improvements both on the campus and in the planning study area to meet future university needs;
 - 3. Improvements to public or university-provided transit service and facilities required to meet future university needs;
 - 4. Coordination of transportation system improvements with the future land uses shown on the future land use map or map series, and with those improvements identified in the host and/or affected local government's comprehensive plan(s) including approaches such as transit oriented development, walkable activity centers and multimodal districts;
 - 5. The coordination of pedestrian and non-motorized circulation facilities to be developed on campus, with those to be developed off-campus by the host and/or affected local governments in their local comprehensive plans, bicycle plans or transportation plans; and
 - 6. The provision of pedestrian and non-motorized circulation facilities required to meet future university needs.
- (c) The element shall contain one or more policy statements for each objective that address:
 - 1. The provision and management of parking facilities, including transportation demand strategies that may reduce parking demand;
 - 2. Establish timing or priorities for development of future campus parking facilities;
 - 3. Establish programs and administrative procedures for coordinating parking facilities and services with the host and/or affected local governments;
 - 4. The provision and management of transit facilities and services including cooperation with outside agencies that provide transit service to the university campus if applicable. These policies

shall seek to maximize utilization of public or university-provided transit;

5. Establish timing or priorities for development of future transit facilities and services
6. Provide coordination with the host and/or affected local governments for transit facilities and services;
7. The provision and management of bicycle and pedestrian facilities and services including programs that encourage the use of non-motorized transportation. These policies shall seek to maximize utilization of pedestrian and non-motorized forms of travel;
8. Establish timing or priorities for development of future campus bicycle and pedestrian facilities;
9. Provide coordination with the host and/or affected local governments for bicycle and pedestrian facilities and services;
10. Coordinate transportation facilities and services with future land uses, both on campus and in the planning study area;
11. Reduce the number and severity of traffic crashes including physical modifications and provision of educational programs or partnerships;
12. Establish timing or priorities for development of future campus transportation safety mitigation projects;
13. Establish programs and administrative procedures that facilitate coordination of the transportation system on campus with the transportation system and future land uses of the host and/or affected local governments. Such administrative procedures shall include consideration of University representation as ex-officio member of the Metropolitan Planning Organization with jurisdiction in the host community;
14. The provision and management of campus roadways including levels of service standards to be used for analyzing campus roadway capacities;
15. Establish timing or priorities for development of future campus roadway and traffic circulation modifications;
16. Reduce the impact of university-related traffic on roadways in the planning study area;
17. Provide coordination with the host and/or affected local governments for traffic circulation facilities, services and intermodal connectivity.

(3) TRANSPORTATION ELEMENT MAP SERIES

- (a) The Transportation Element shall be described, at a minimum, in the Transportation Element Map Series and explanatory text. This map along with companion narrative shall identify the location and description of

proposed transit, circulation and parking facilities on the university campus. The map and text shall be accompanied by explanatory tabular information as applicable. This map series shall include, at a minimum, the following requirements:

1. Map(s) of existing and proposed university parking facilities with a schedule of development for new or modified parking facilities supported with narrative and tables as applicable;
2. Map(s) of existing and proposed transit facilities and services on campus and in the planning study area with supporting narrative and tables as applicable;
3. Map(s) of existing and proposed bicycle and pedestrian facilities on campus and in the planning study area with supporting narrative and tables as applicable;
4. Map(s) of walking distances on campus and adjacent non-university land;
5. Map(s) of proposed transportation safety mitigation projects with a development schedule, supporting narrative and tables, if applicable;
6. Map(s) and schedule of development for planned and programmed transportation system modifications on campus and in the planning study area; and
7. Map(s) of proposed campus roadway modifications including transportation system management and resurfacing projects with supporting narrative and tables as applicable.

Authority: Section 7(d), Art. IX, Fla. Const., History – Formerly 6C-21.205, 2-15-94, Amended and Renumbered 6-18-09.