

MARTIN COUNTY ►
PUBLICWORKS
@WORK

OCTOBER 22, 2024

CHAPTER 5, TRANSPORTATION ELEMENT
PROPOSED EAR AMENDMENTS





ORGANIZATION

- ▶ The features are ordered consistently across the existing conditions, the future needs, and the goals.
- ▶ The existing conditions and future needs are updated for consistency with statutes, studies, and guidance.
- ▶ The existing goals are preserved.





OVERALL SYSTEM

- ▶ Section 5.1. Background
 - moves purpose and intent to beginning; and
 - adds emphasis on a multimodal system.
- ▶ Section 5.4. Future Transportation Network – gathers statements about the overall network.
- ▶ Goal 5.2 – adds resiliency objective.





ROADWAYS

- ▶ Section 5.2. Existing Roadways
 - introduces FDOT-adopted Q/LOS concept;
 - provides descriptions of Context Classifications; and
 - includes vulnerability assessment.



ROADWAYS

Motorists expect and tolerate delays in urban areas more than in rural areas.





ROADWAYS

- ▶ Section 5.5. Roadway Needs
 - clarifies long and short-term forecasting methods; and
 - removes redundant references to capacity, traffic analysis, and level of service in Section 5.2.

- ▶ Goal 5.3
 - updates qualitative level of service targets; and
 - provides an applicant to pay or construct its proportionate share.





PATHWAYS

- ▶ Section 5.3.A. Existing Pathways
 - reflects current facilities and crash mitigation strategies; and
 - moves references to planning efforts to Section 5.6.A.
- ▶ Section 5.6.A. Pathway Needs
 - describes efforts used to prioritize future projects; and
 - introduces and provides descriptions of FDOT-adopted level of traffic stress concepts; and



PATHWAYS



The general comfort or willingness of a cyclist or pedestrian to use a facility





PATHWAYS

- ▶ Goal 5.4
 - clarifies jurisdiction on State roadways; and
 - adds policy to establish level of traffic stress targets





TRANSIT

- ▶ Section 5.3.B. Existing Transit
 - removes redundant references to planning efforts in Section 5.6.B; and
 - identifies the services currently offered.
- ▶ Section 5.6.B. Transit Needs
 - clarifies the planning efforts; and
 - updates the level of service target methodologies for consistency with HCM and TCQSM.
- ▶ Goal 5.5 - adds policy to establish level of service targets.





AIRPORTS

- ▶ Section 5.3.C. Existing Airports –updates descriptions of the facilities and services provided at public-use airports.
- ▶ Section 5.6.C. Airport Needs – updates the 2023 Master Plan Update and operations forecast data.
- ▶ Goal 5.6 through Goal 5.9 – updates to current facilities.





RAILROADS

- ▶ Section 5.3.D. Existing Railroads
 - includes the recently installed second track and high-speed passenger rail service; and
 - identifies the single track over the St. Lucie River.
- ▶ Section 5.6.D. Railroad Needs – describes the future needs.
- ▶ Goal 5.11 – provides a transportation system that is effectively coordinated railroad operations.





WATERWAYS

- ▶ Section 5.3.E. Existing Waterways – includes the St. Lucie Inlet, the Atlantic Intercoastal Waterway, and the St. Lucie River as key elements of marine transportation.
- ▶ Section 5.6.E. Waterways Needs – introduces the MPO’s Regional Waterways Plan and its findings.
- ▶ Goal 5.12 – recognizes, supports, and maintains marine transportation as a driver of local economics, recreation, and enjoyment.





FIGURES

- ▶ The figures are ordered consistently with the existing conditions, the future needs, and the goals.
- ▶ The existing conditions and future needs are updated.
- ▶ Several amendments to the functional classification are proposed.





SUMMARY

- ▶ Features are ordered consistently.
- ▶ Existing conditions and future needs are updated for consistency with statutes, studies, and guidance.
- ▶ Existing goals are preserved.
- ▶ New goals are added for railroads and waterways.

