



Overview of AMME Considerations

Task Force Meeting #2



October 2019

	Typical Planning Process	Enhancements
Mobility	Moving vehicles	Moving people and freight
Connectivity	Individual facilities or modes	Multiple modes and types of infrastructure including emerging technologies
Opportunity	Reacting to growth and development	Supporting regional and community visions, job growth, workforce development
Resiliency	Responding to system failures	Preparing for future risks and potential disrupters
Environment	Avoiding, minimizing, mitigating impacts	Enhancing communities and the environment
Safety	Reducing safety risks	Safety and security for all users; enhanced emergency evacuation and response



Understand study area resources

Natural

Cultural

Social

Physical



Identify considerations for how to address resources

Avoid

Minimize

Mitigate

Enhance



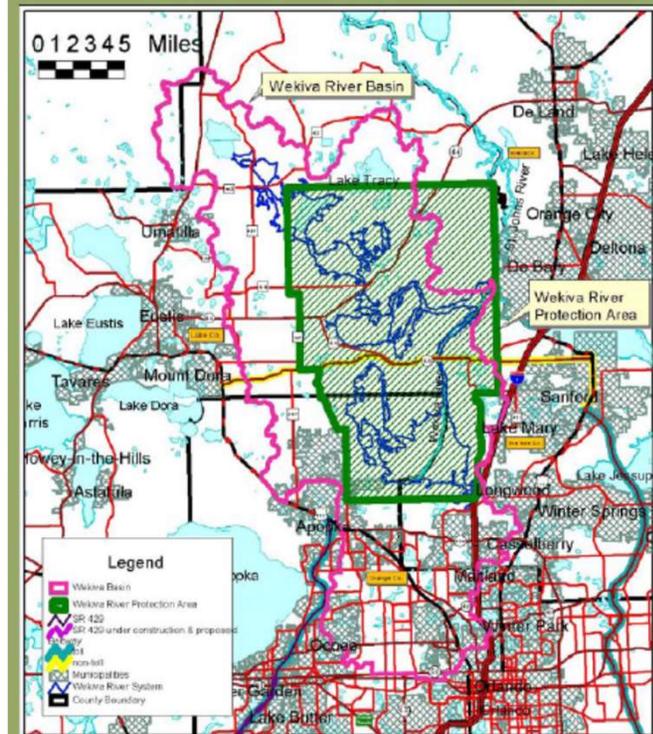
Develop guiding principles for corridor planning and development

	Generally Means..	Example....
Avoid	Avoid significant direct impacts, to the extent feasible	Physically avoid encroaching a resource <i>(e.g., existing conservation lands)</i>
Minimize	Reduce impacts	Change corridor location or design concept to reduce impacts <i>(e.g., limit access in areas not intended for new development)</i>
Mitigate	Offset impacts	Create new resources to offset negative impacts <i>(e.g., new wetlands to compensate for project impacts)</i>
Enhance	Create net benefits	Design corridor to enhance or restore resources <i>(e.g., bridge corridor to restore water flow)</i>

Example 1: Wekiva Basin

- Defined regional connectivity need
- Considerations
 - Wekiva River and springs; surface and groundwater resources
 - State and county parks and preserves
 - Impacts of projected population growth and travel

Figure 2. Wekiva River Protection Area and Wekiva River Surface Water Basin



Source: Department of Community Affairs and St. Johns River Water Management District, October 2002

• Guiding Principles for Wekiva Corridor Location

- Do not encourage or promote additional development from already approved land uses
- **Minimize** any impacts to habitat or species
- **Minimize** impacts on spring-shed or groundwater recharge areas
- **Minimize** direct impacts to wetlands
- **Avoid**, or **mitigate** if required, impacts on conservation lands and their proper management
- Seek to **minimize** impacts on existing neighborhoods and residential communities
- *Others...*

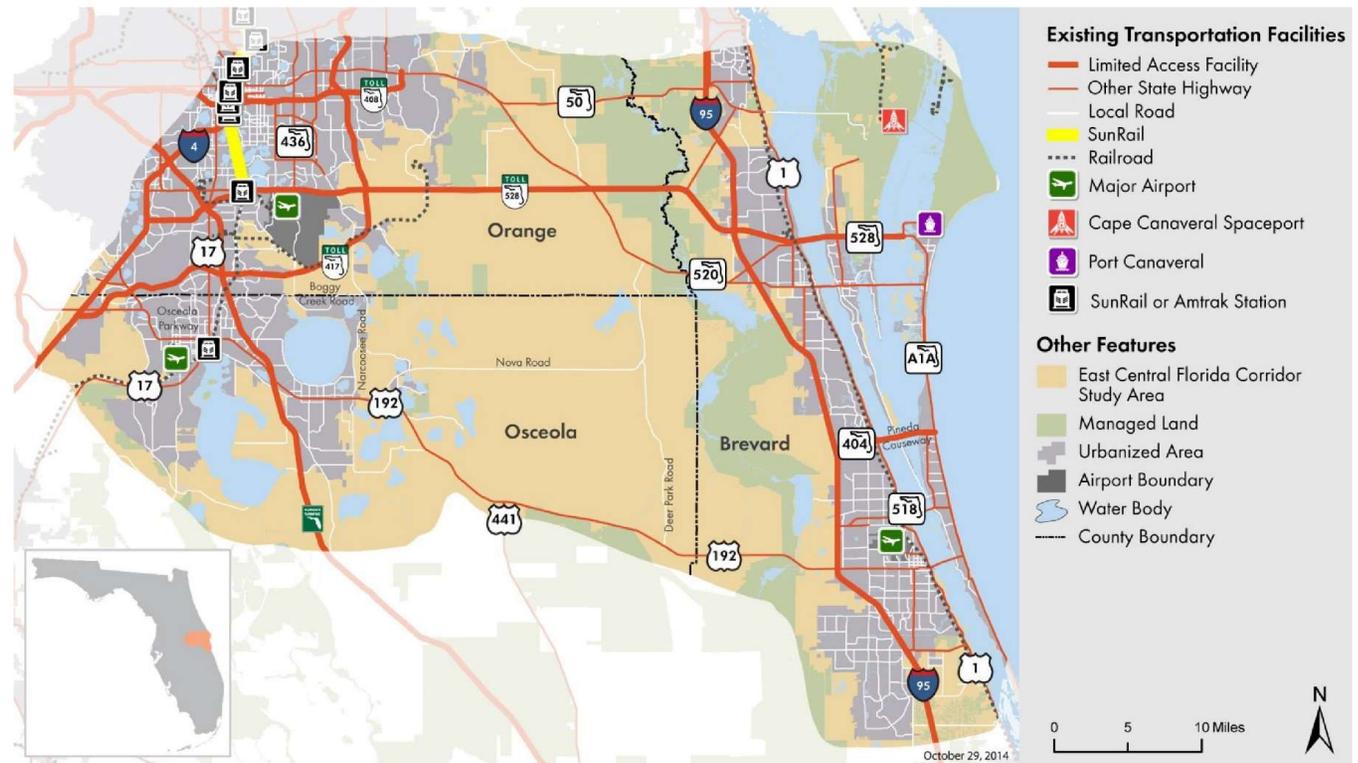


- Guiding Principles for Parkway Design Features & Construction
 - Provide that all new expressways be fully limited access
 - Include the maximum provision for bridging through strategically important wetlands
 - Elevate (bridge) identified functionally significant wildlife corridors
 - Design storm water treatment facilities to **minimize** habitat loss
 - *Others...*

Figure 4. Examples of Elevated Roadway and Wildlife Underpass

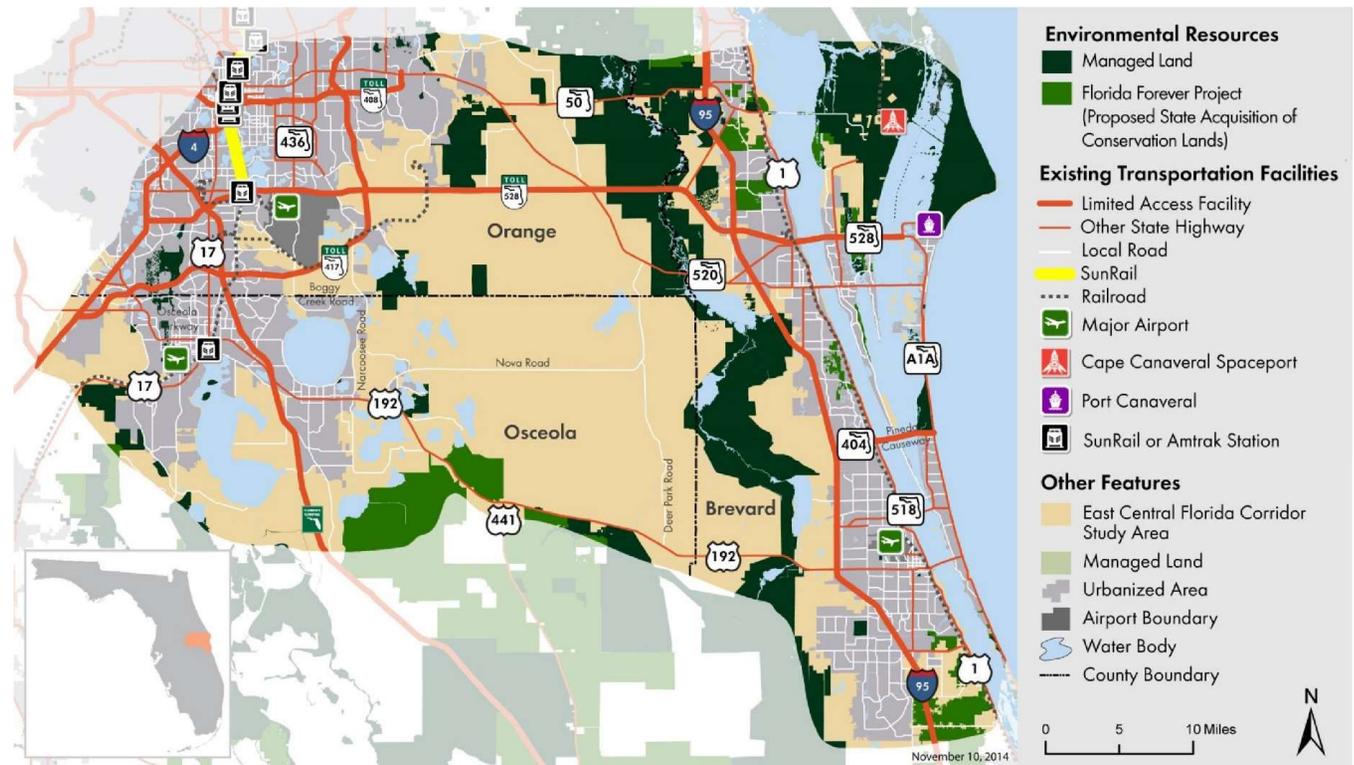


- General regional connectivity needs
- Considerations
 - Environmental resources
 - Agricultural lands
 - Existing communities (urban/rural)
 - Growing economic centers



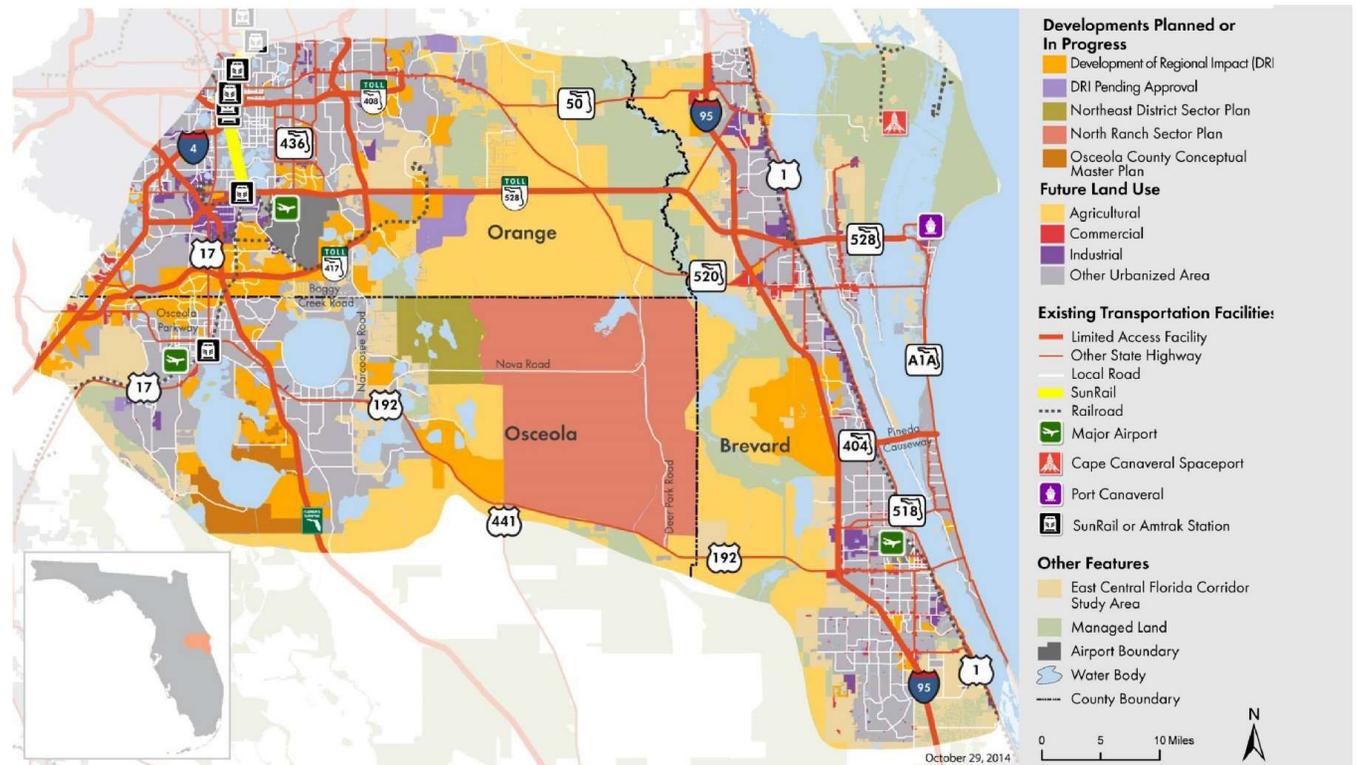
Guiding Principle:

- **Avoid**, to the extent feasible, existing lands currently managed for conservation purposes; where avoidance is not feasible, **minimize** and **mitigate** impacts on these lands



Guiding Principles:

- ...improve connectivity to and enhance the quality of existing communities and previously approved developments, while **avoiding** or **minimizing** adverse impacts on these communities and developments



Meeting 1

August 2019

- Overview
- Work Plan

Meetings 2, 3

October, December 2019

- Identify Avoidance and Minimization Considerations
- Develop Guiding Principles
- Review Initial Corridor Opportunities

Meetings 4, 5

March, June 2020

- Identify Mitigation and Enhancement Considerations
- Refine Guiding Principles
- Review Potential Corridor Opportunities; Discuss Implementation Actions

Meetings 6, 7

August, September 2020

- Receive Public Comment on Draft Recommendations
- Develop Draft Final Report
- Adopt Final Report

 m·cores



m·cores

MULTI-USE CORRIDORS OF REGIONAL ECONOMIC SIGNIFICANCE

floridamcores.com