COMMUNITY PLANNING

Purpose: Support implementation of Florida Transportation Plan and statutory obligations under Chapters 163, 186, and 380, Florida Statutes

Priorities
- Support District Community Planning Coordinators
- Interagency coordination, particularly with DEO and other state agencies
- Update and deliver Community Planning training to the Districts
- Support FDOT’s resilience initiatives
A TALE OF TWO GOLF COURSES
CUMULATIVE DEVELOPMENT IMPACTS ON STATE TRANSPORTATION FACILITIES
PLANNING FOR TRANSPORTATION SYSTEM AND TRANSPORTATION PROJECTS

Long Range Planning for Transportation System
Project Development & Environment (PD&E)
Design
Right of Way
Construction
Operations & Maintenance
FDOT CONTEXT CLASSIFICATION

- Defines Approach, Process, Expectations, Best Practices
- Complete description of context classifications
- Based on Draft Handbook

www.FLcompletestreets.com
Final manual posted November 1, 2017
Implementation date January 1, 2018.
Replaces Plans Preparation Manual
RELATIONSHIP TO FDOT DESIGN MANUAL
CREATING SENSE OF PLACE AND QUALITY OF LIFE

- On-street parking – may be acceptable in certain Context Classifications if supported by codes and regulations

- Bulb-outs – not required, but may be applied in appropriate contexts

- Street Trees – not required, but lower speeds permit closer placement to face of curb.

- Sidewalks – 6’ standard width, but wider in certain Context Classifications where possible

- Application of FDOT Design Manual criteria also influenced by plans, codes, and regulations
WHERE DOES FDOT LOOK TO UNDERSTAND COMMUNITY VISION?
# Partnering Opportunities

## FDOT Roles
- Manage statewide and regional mobility
- Allocate and manage state/federal transportation funds
- Maintain and improve state transportation infrastructure
- Participate in local visioning efforts
- Work with municipalities to understand their land development decisions and limitations
- Understand the community’s planning and transportation goals, and identify project alternatives that support these goals

## RPC/Local Government Roles
- Provide local vision
- Plan for the future of communities
- Manage local mobility and local circulation system
- Manage and control land use and development
- Deal with almost all aspects of community building—physical, social, economic
- Improve local network connectivity
- Encourage developments that support multimodal modal needs
- Consider access management ordinance
- Plan regionally and work with all levels of government
- Ensure public engagement
Purpose
» To successfully lay the foundation for projects in District One by establishing goals for our state corridors. This will be accomplished by integrating land use and transportation planning and engagement with stakeholders.

Goal:
» Align with local vision.

How:
» Talk to the right people.
» Engage early and often.
## FLORIDA TRANSPORTATION PLAN GOALS

<table>
<thead>
<tr>
<th>Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety and security</td>
</tr>
<tr>
<td>Agile, resilient, and quality transportation infrastructure</td>
</tr>
<tr>
<td>Efficient and reliable mobility</td>
</tr>
<tr>
<td>More transportation choices</td>
</tr>
<tr>
<td>Economic competitiveness</td>
</tr>
<tr>
<td>Quality places to live, learn, work, and play</td>
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<tr>
<td>Florida’s environment and energy conservation</td>
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RESEARCH ON PLANNING RISKS FOR THE FLORIDA TRANSPORTATION PLAN UPDATE

Project Objectives

- Document potential uncertainties and future risks
- Consequences and levels of risks and uncertainties
- Planning and risk implications for alternate futures
- Risk management integration into project-level transportation planning
SEA LEVEL SCENARIO SKETCH PLANNING TOOL

- Assess potential impacts of sea level rise on transportation system
- On-line map viewer and ArcGIS sea level rise calculator
- Used by FDOT, MPOs, regional planning councils, local governments
- Next steps: update tool to reflect newer sea level rise projections and update training materials
SIS RESILIENCY ANALYSIS

Set Mission Goals and Objectives

- Asset Data Collection (Asset Inventory)
- Collect Climate Data

Conduct Vulnerability and Risk Assessment (Screening & Impacts Assessment)

Integrate Assessment Outcomes into FDOT’s Decision Support Systems

Develop Adaptation Strategies

Potential Logical Conclusion from Assessment Results (Not Scoped Currently)

SIS Vulnerability and Risk Assessment Scope

a. Asset Data Collection (Asset Inventory)
b. Collect Climate Data

17
COMPOSITE EFFECTS

Flooding and Storm Surge Composite (with Category 5 hurricane), Highway Impacts:
DOWNTOWN TAMPA
2045 DOWNTOWN TAMPA
CATEGORY 3 STORM + HIGH SLR
Changes in 2016 to FDOT Drainage Manual

Consider Sea Level Rise
- Based on historical tide gauge records extrapolated for project design life

New requirement for coastal projects where drainage system will be built or rebuilt
Permanent Project Reflecting Resiliency and Community: SR A1A in Fort Lauderdale
STORMS AND SEA LEVEL RISE

And later…. Road survived Hurricane Irma
QUESTIONS?

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