



# Infrastructure and Growth Leadership Advisory Group

presented to

**FTP/SIS Steering Committee** 

presented by

**Mayor Matthew Surrency, Chair** 

## Infrastructure and Growth Leadership Advisory Group Membership

Mayor Matthew Surrency City of Hawethorne (representing the Metropolitan Planning Organization Advisory Council)	Mayor Susan Haynie City of Boca Raton (representing the Metropolitan Planning Organization Advisory Council)
Alice Ancona Florida Chamber of Commerce	Marc Hoenstine Duke Energy
Harry Barley MetroPlan Orlando (representing Metropolitan Planning Organization Advisory Council)	Steve Holmes Florida Commission for the Transportation Disadvantaged
Janet Bowman The Nature Conservancy – Florida Chapter	Jim Murley South Florida Regional Planning Council (representing Florida Regional Councils Association)
David Bredahl Florida Engineering Society	Sam Poole Urban Land Institute
Dale Calhoun Florida Natural Gas Association	Pete Petree Florida Railroad Association
Karen Deigl Florida Public Transportation Association	Chris Stahl Florida Department of Environmental Protection
Jim Ely TEAM Florida	Lt. Col. Troy Thompson Department of Highway Safety and Motor Vehicles



#### Key Issues identified by Advisory Group

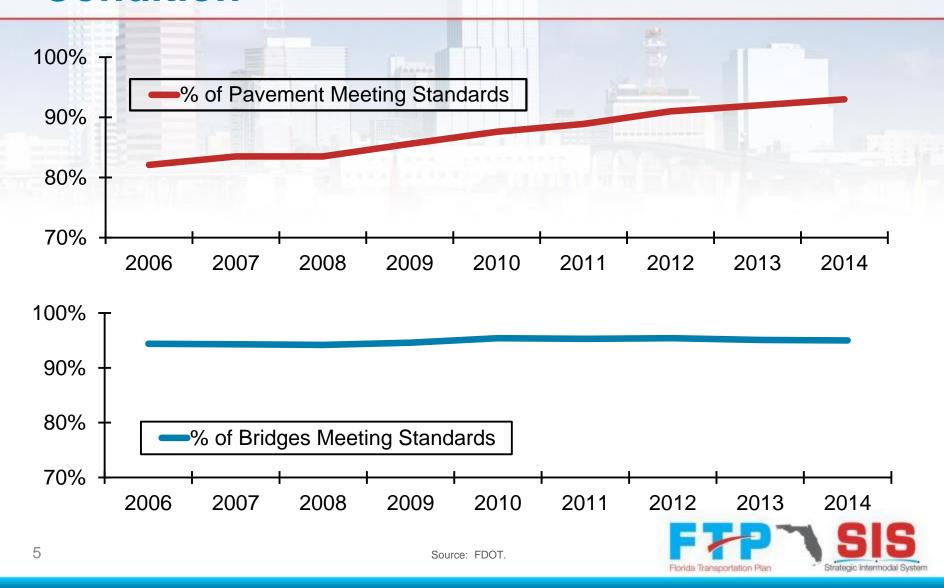
- 1. Maintain transportation system in good condition.
- 2. Innovate to improve transportation system performance.
- 3. Expand modal choices for people and freight.
- 4. Improve transportation connectivity.
- 5. Improve the transportation system's resiliency to extreme weather events and climate trends.



# Key Issue 1: Maintain Transportation System in Good Condition



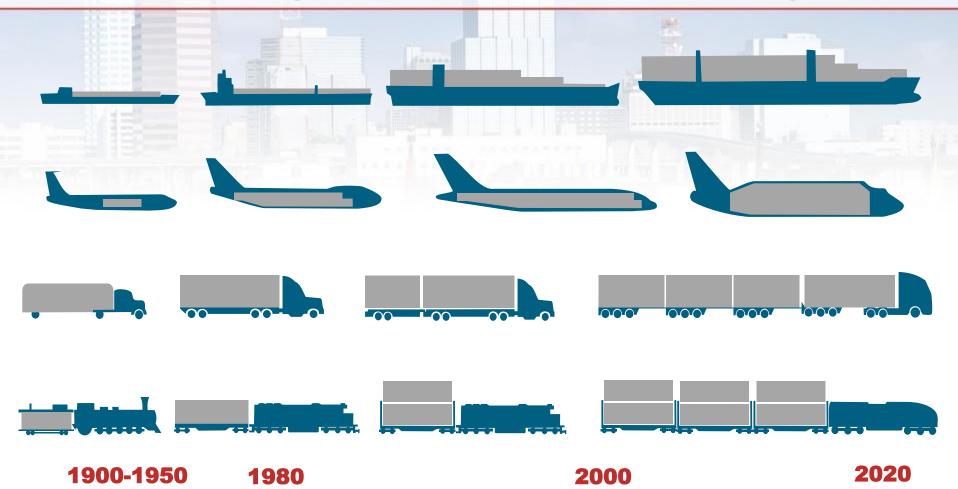
## Highway Infrastructure Is in Good Condition



## **Transit Systems in Good Condition**



## Size of Freight Vehicles Is Increasing





## Issue 1 – Maintain Transportation System in Good Condition

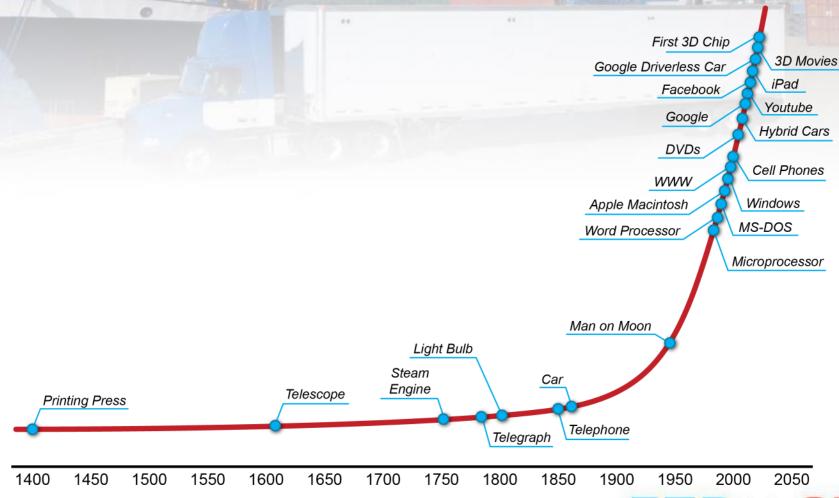
- Expand from a traditional focus on highways to proactively manage transportation assets for all modes
- Adapt maintenance practices to support changes in transportation infrastructure priorities



## Key Issue 2: Innovate to Improve Transportation System Performance



#### **Technology Evolving More Rapidly**



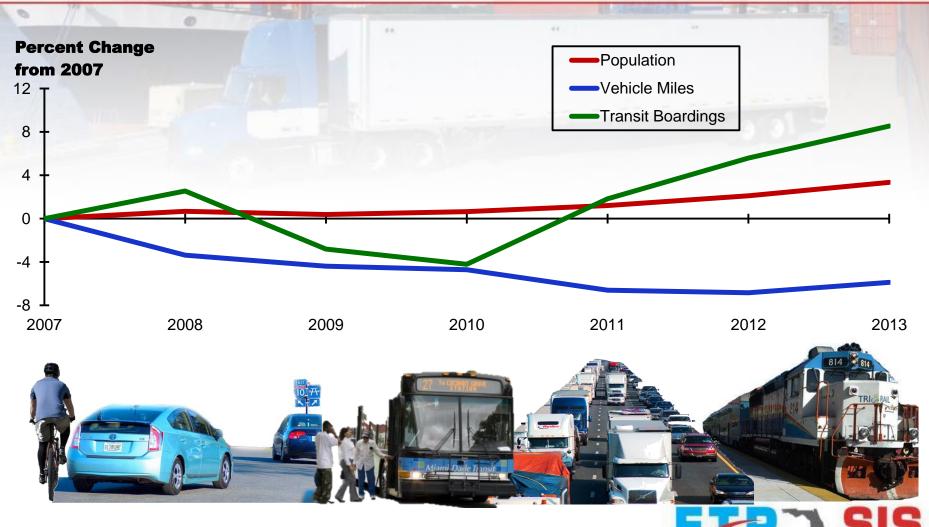
## Issue 2 – Innovate to Improve System Performance

- Promote more efficient logistics patterns
- Develop innovative solutions by harnessing software and data and its connection to the physical world
- Support use of alternatives to traditional transportation fuels and energy sources
- Develop innovative multi-purpose, multimodal terminals and corridors
- Research, develop, and deploy state-of-the-art materials, technology, and methodologies into all phases of design, construction, maintenance, and operations
- Improve customer service by streamlining regulatory processes

## **Key Issue 3: Expand Modal Choices for People and Freight**



## **Travelers Choosing Different Modes**



#### Issue 3 – Expand Modal Choices

- Improve the functionality of multimodal transportation systems to reflect the context of regional and community visions and land use decisions
- Provide infrastructure and services for shorter distance trips
- Provide infrastructure and services for longer distance trips



## **Key Issue 4: Improve Transportation Connectivity**



#### Issue 4 – Improve Connectivity

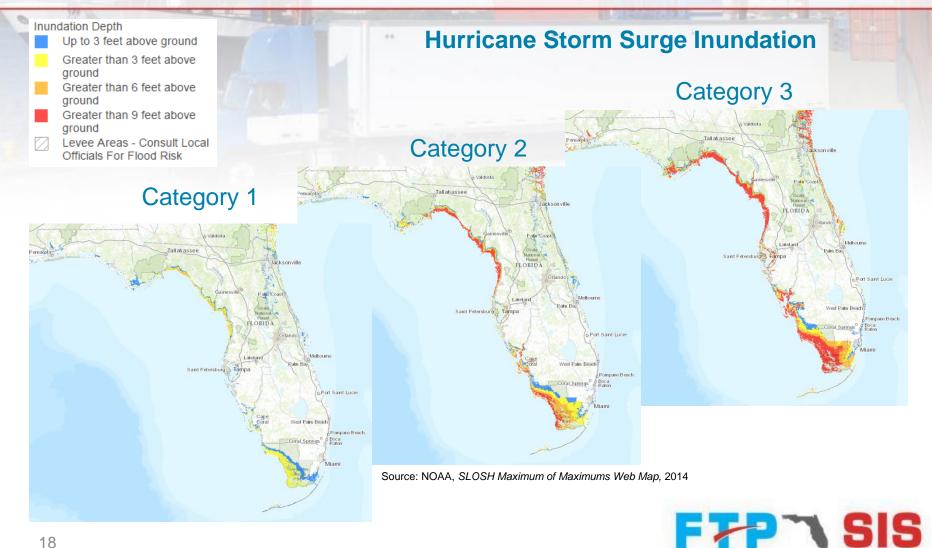
- Improve synchronization and connectivity between transportation modes through better design
- Improve connectivity between communities and regions within Florida
- Improve connectivity between Florida and other states and nations



# Key Issue 5: Improve the Transportation System's Resiliency to Extreme Weather Events and Climate Trends



## **Resilient Transportation System**



## Issue 5 – Improve Transportation System's Resiliency

- Continue to support research on extreme weather and climate trends and potential impacts on infrastructure
- Incorporate climate trends into asset management planning and risk modeling for all modes
- Coordinate with water management districts to store, process, and deliver stormwater runoff from transportation infrastructure for use in future water supply
- Coordinate with cities, counties, and other agencies when making decisions about where to locate new infrastructure and new development



#### Implementation Issues

- Collaboration and coordination
- Ensuring sufficient and reliable funding
- Adapting to changing technology and continue to innovate
- Research and evaluation of trends and alternatives including return on investment
- Identify and overcome barriers to implementation
- Ensure a strong tie to economic development
- Optimize existing infrastructure before building new infrastructure

