



Florida Transportation Plan



Strategic Intermodal System



FTP/SIS Implementation Update

presented to

FTP/SIS Implementation Committee

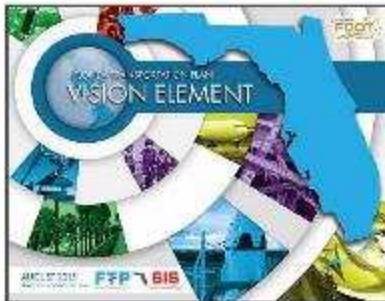
presented by

Florida Department of Transportation

Discussion Topics

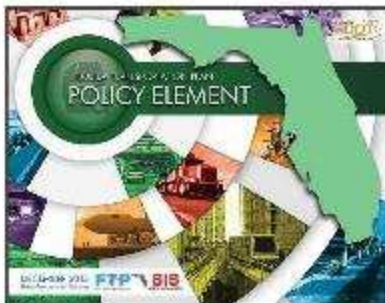
- **Florida Transportation Plan Implementation**
- **Performance Measures Update**
- **SIS Policy Plan Implementation**
- **Strategic Highway Safety Plan Update**
- **Update on Future Corridors Planning Process**

Florida Transportation Plan Contents



Vision Element *(August 2015)*

Trends, uncertainties, and themes that will shape the future of transportation in Florida (50 years)



Policy Element *(December 2015)*

Goals and objectives to guide the Florida Department of Transportation and partners toward the vision (25 years)

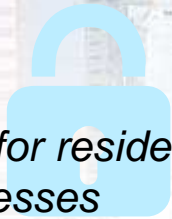


Implementation Element *(2016)*

Emphasis areas with key actions (5-25 years)

FTP Goals

Safety and Security for residents, visitors, businesses



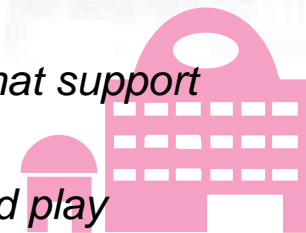
Transportation solutions that support Florida's global **Economic Competitiveness**



Agile, Resilient, and Quality transportation infrastructure



Transportation solutions that support **Quality Places** to live, learn, work, and play



Efficient and Reliable Mobility for people and freight



Transportation solutions that enhance Florida's **Environment and Conserve Energy**



More Transportation Choices for people and freight



FTP Implementation Emphasis Areas

- **Innovation**
- **Collaboration**
- **Customer service**
- **Research, data, and performance measurement**
- **Strategic investments**

FTP Implementation Strategy

- **Convene ongoing FTP/SIS Implementation Committee**
- **Identify partner roles and commitments toward FTP implementation**
- **Identify measures for tracking performance and progress toward FTP goals**
- **Align other statewide, regional, and local transportation plans, where needed, to reflect FTP goals and objectives**
- **Update FDOT guidelines and procedures to reflect FTP goals and objectives**

FTP Implementation Strategy (continued)

- **Provide guidance, tools, technical support to help regional and local partners implement FTP**
- **Develop long-term strategic research agenda including topics for research to be addressed prior to next FTP update**
- **Set up process for FTP Implementation Committee members to periodically report on implementation activities**
 - » Use of website?

Florida Transportation Plans and Programs

FLORIDA TRANSPORTATION PLAN

Strategic Intermodal System (SIS) Policy Plan

Modal and Other System Plans

HIGHWAY

- Strategic Highway Safety Plan
- Motor Carrier System Plan

RAIL

- Rail System Plan

SEAPORT

- Seaport and Waterway System Plan

AIR/SPACE

- Aviation System Plan
- Spaceport System Plan

FREIGHT

- Freight Mobility & Trade Plan

Transit Programs

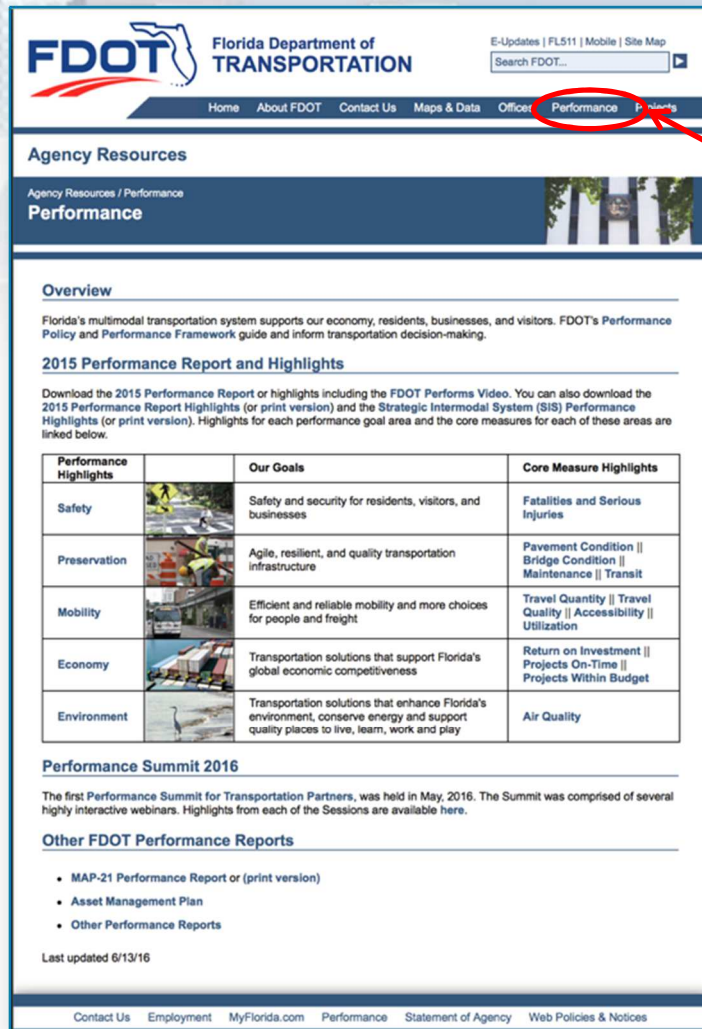
Bicycle & Pedestrian Programs

People and Freight Mobility



PERFORMANCE MEASURES UPDATE

Transportation Performance



FDOT Florida Department of TRANSPORTATION

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Home About FDOT Contact Us Maps & Data **Performance** Projects

Agency Resources






Agency Resources / Performance
Performance

Overview

Florida's multimodal transportation system supports our economy, residents, businesses, and visitors. FDOT's Performance Policy and Performance Framework guide and inform transportation decision-making.

2015 Performance Report and Highlights

Download the 2015 Performance Report or highlights including the FDOT Performs Video. You can also download the 2015 Performance Report Highlights (or print version) and the Strategic Intermodal System (SIS) Performance Highlights (or print version). Highlights for each performance goal area and the core measures for each of these areas are linked below.

Performance Highlights		Our Goals	Core Measure Highlights
Safety		Safety and security for residents, visitors, and businesses	Fatalities and Serious Injuries
Preservation		Agile, resilient, and quality transportation infrastructure	Pavement Condition Bridge Condition Maintenance Transit
Mobility		Efficient and reliable mobility and more choices for people and freight	Travel Quantity Travel Quality Accessibility Utilization
Economy		Transportation solutions that support Florida's global economic competitiveness	Return on Investment Projects On-Time Projects Within Budget
Environment		Transportation solutions that enhance Florida's environment, conserve energy and support quality places to live, learn, work and play	Air Quality

Performance Summit 2016

The first Performance Summit for Transportation Partners, was held in May, 2016. The Summit was comprised of several highly interactive webinars. Highlights from each of the Sessions are available here.

Other FDOT Performance Reports

- MAP-21 Performance Report or (print version)
- Asset Management Plan
- Other Performance Reports

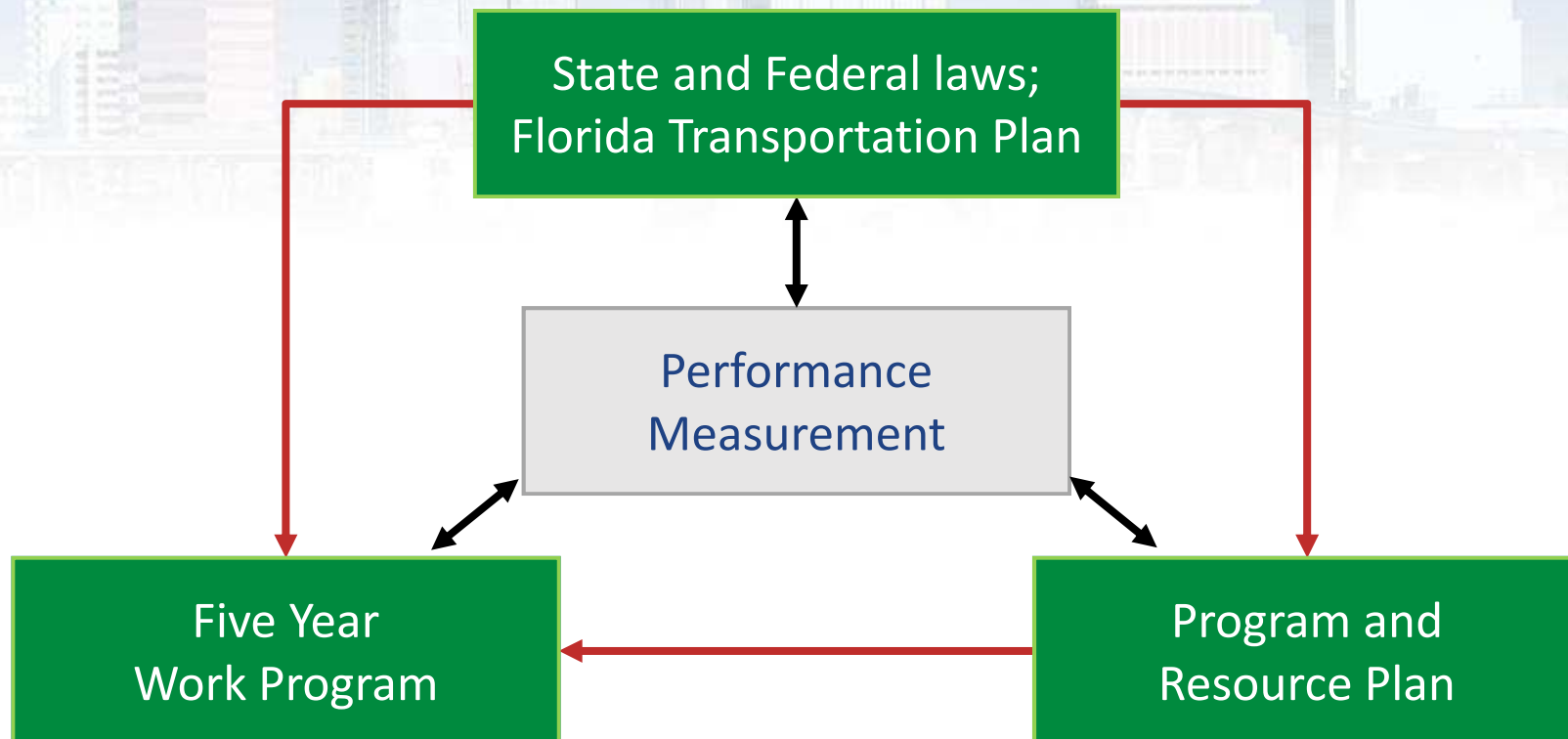
Last updated 6/13/16

Contact Us Employment MyFlorida.com Performance Statement of Agency Web Policies & Notices

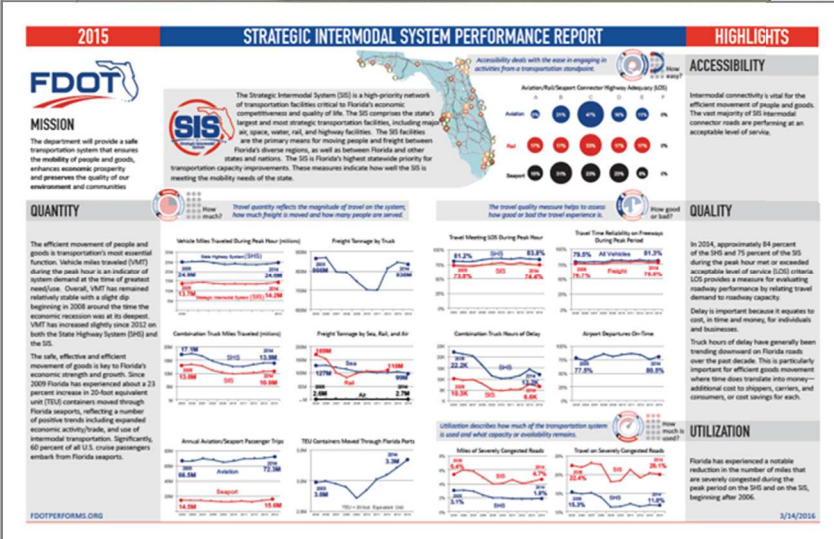
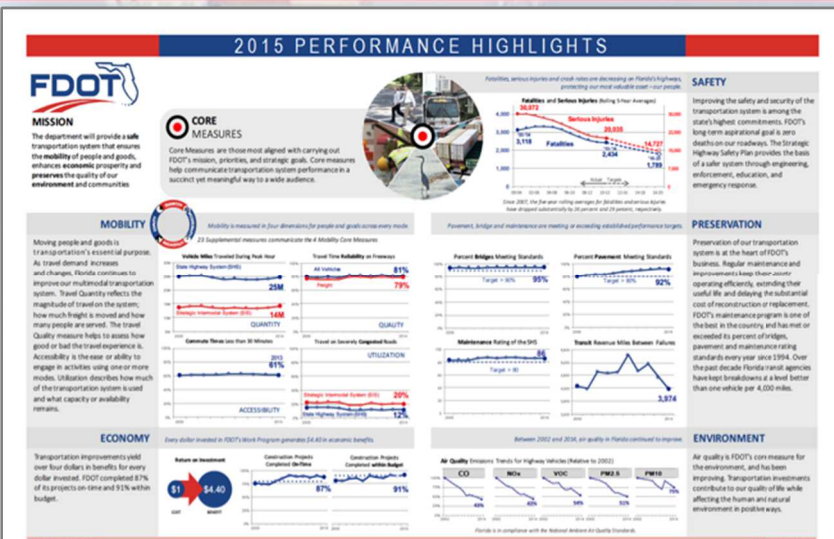
Performance
is prominent

Framework for Investment Decisions

Performance-Based Planning and Programming



2015 Performance Report



Safety

Preservation

Mobility

Economy

Environment

Connecting the FTP and Performance Report



Safety and Security



Agile, Resilient & Quality Infrastructure



Efficient and Reliable Mobility



More Transportation Choices



Economic Competitiveness



Quality Places



Environment and Energy

Performance Summit Panelists

Opening
(May 10)

Brian Blanchard

Assistant Secretary FDOT



Preservation
(May 11)

James Croma

Broward MPO



Jim Warren

Asphalt Contractors Association



Jim Wood

State Transportation Planning Administrator

Chris Cochran

Pinellas Suncoast Transit Authority



Mobility
(May 10)

Beth Alden

Hillsborough MPO



Environment
May 12)

Chris Stahl Department of
Environmental Protection



Brad Thoburn

Jacksonville Transportation Authority



Sam Poole

Urban Land Institute



Michael Stewart

Jacksonville Aviation Authority



Julie Dudley

FL Department of Health



Economy
(May 11)

Mark Bontrager

Space Florida



Safety
(May 12)

James Hightower Department of
Highway Safety and Motor Vehicles



Tisha Keller

Florida Trucking Association



Steve Myers

Lee Tran



Natacha Yacinthe

Port Everglades

Don Scott

Lee MPO



Partner Perspectives

Results



Summary

FDOTPERFORMS.ORG

FDOT
Office of Policy Planning
david.lee@dot.state.fl.us

Mobility Results



IDEAS

- A peer exchange network for transit agencies to share and compare performance
- Integrate real time data into performance reporting
- Shared performance measures with joint partner monitoring
- Social media as a platform for performance information
- Incorporating bicycle and pedestrian usage, trip and other data
- An MPOAC subcommittee comprised of Bike/Ped Coordinators



ISSUES TO CONSIDER

- Reporting both statewide and local performance
- Transportation/Land use connection (e.g., Transit Oriented Development)
- A results scorecard/dashboard program for MPOs
- Improved pedestrian access to fixed route bus stops and associated measures
- Balancing Speed vs. Mobility vs. Safety to assess performance



POTENTIAL MEASURES

- Map showing travel time contours between major origins and destinations
- Bus and car travel time comparisons in key corridors
- Bike/ped number of trips
- Changes in customer satisfaction and usage of bike/ped networks
- ITS coverage
- Estimated use of automated vehicle technology
- Modal performance comparisons
- Average transit load factors
- Transit access
- On-time performance
- Telecommuting

6-5

View Complete Report : www.dot.state.fl.us/planning/performance/summit/reports/MobilityResults.pdf



FDOTPERFORMS.ORG

2 Types of Measures

14



**CORE
MEASURES**

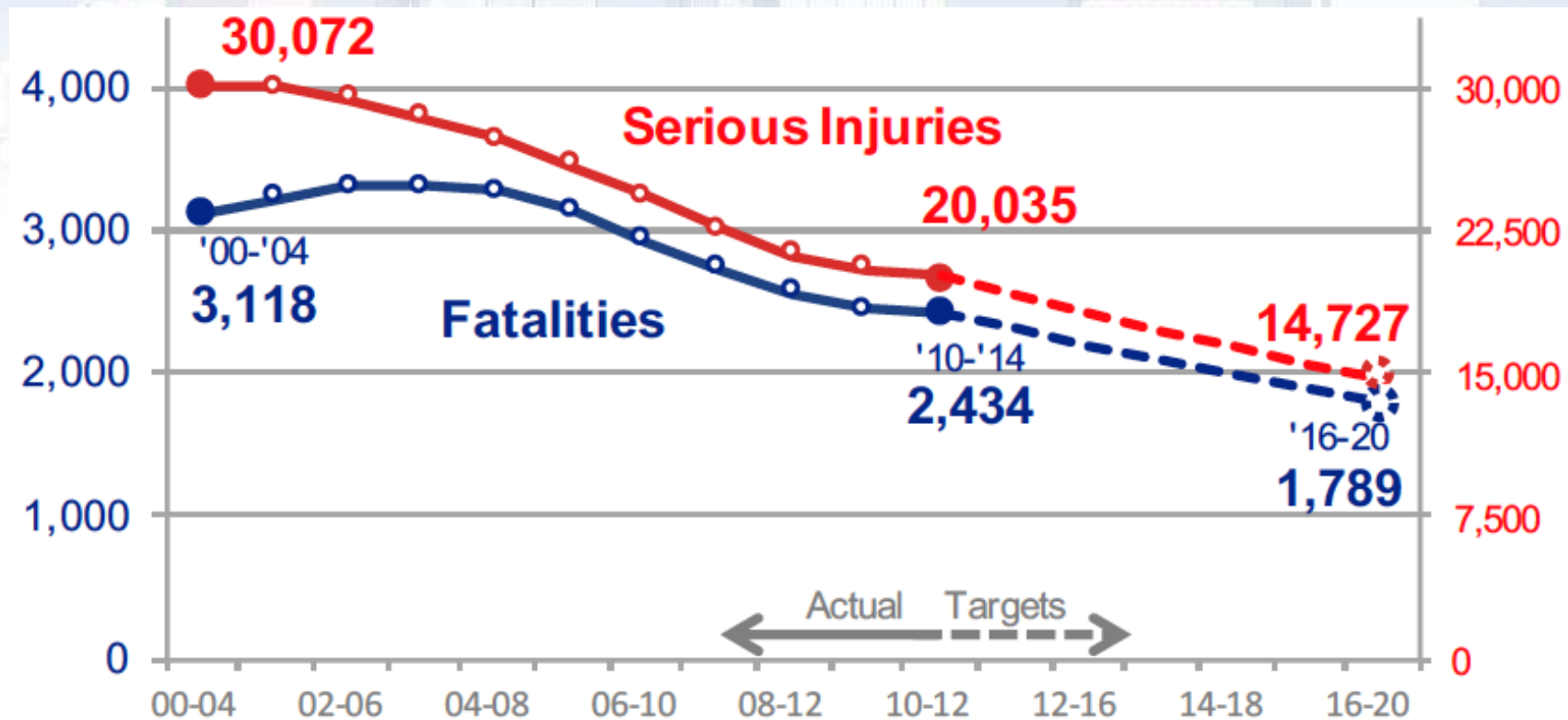
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**SUPPORTING
MEASURES**

Safety

Fatalities and Serious Injuries (Rolling 5-Year Averages)



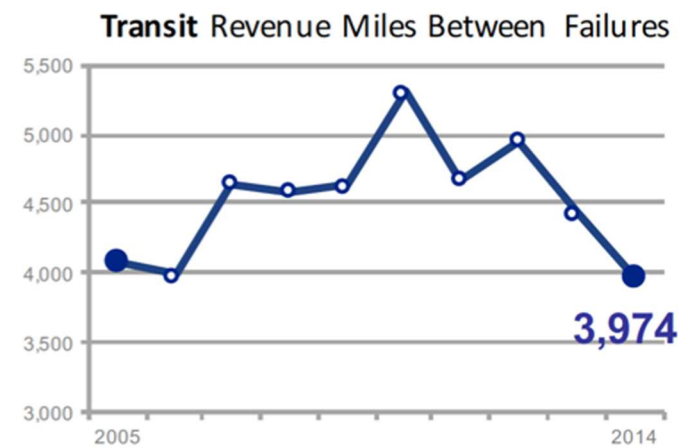
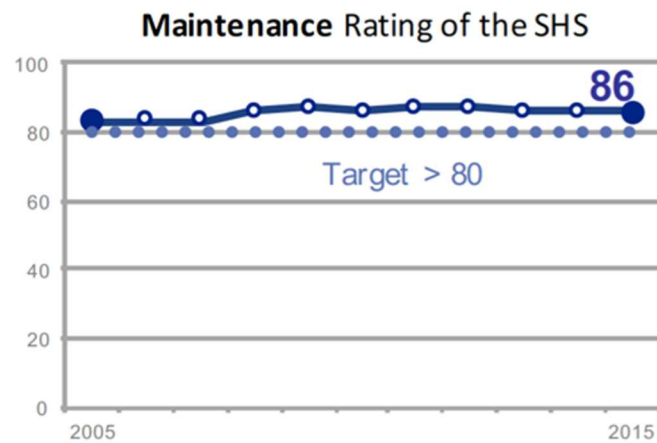
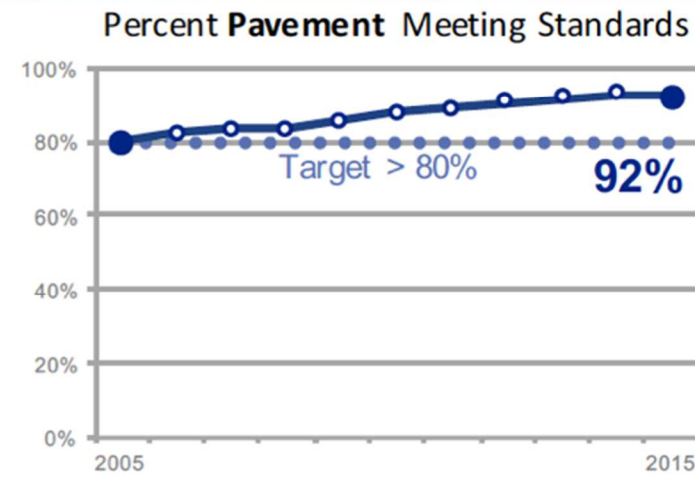
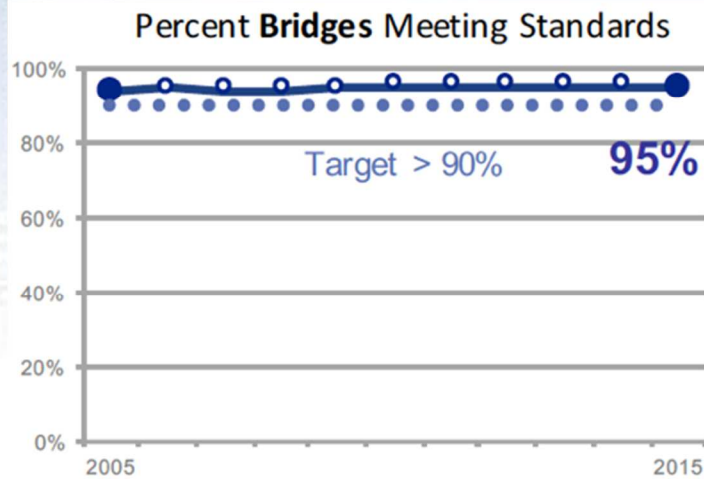
The annual targets, to reduce fatalities and serious injuries by 5%, were not achieved – the five-year rolling average for fatalities decreased by 0.6% and for serious injuries by 1.9%



Safety and Security: Looking to the Future

- **New or emerging Strategic Highway Safety Plan emphasis areas**
- **Additional safety measures for non-highway modes**
- **Transportation security measures**
 - » Potential risks
 - » Effectiveness of security initiatives including impacts on mobility
- **Emergency preparedness, response and recovery measures**

Preservation



Infrastructure: Looking to the Future

- **Better data on condition of local roads/bridges, transit, other modes**
- **More use of customer survey and other qualitative data on system condition**
- **New measures related to**
 - » Utilization of existing infrastructure/right of way
 - » Impacts of technology
 - » System resiliency

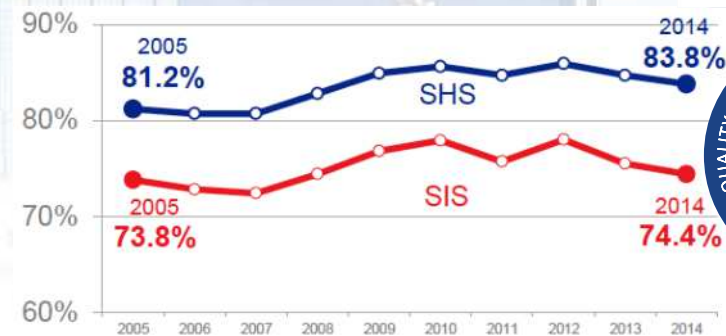
Mobility

Vehicle Miles Traveled during Peak Hour



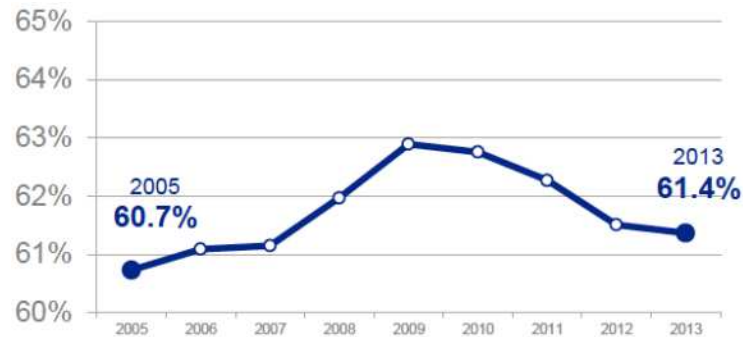
QUANTITY

Acceptable **LOS** During Peak Hour



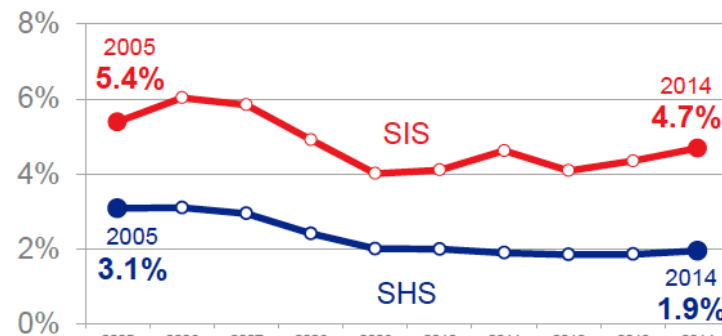
QUALITY

Commute Times Less than 30 Minutes

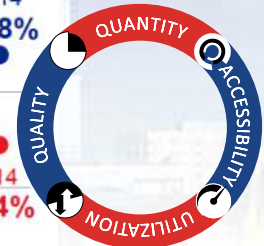
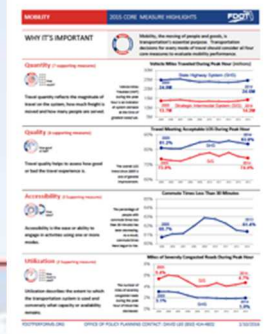


ACCESSIBILITY

Travel on Severely **Congested** Roads



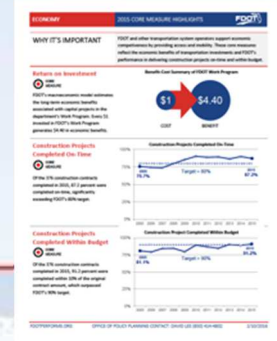
UTILIZATION



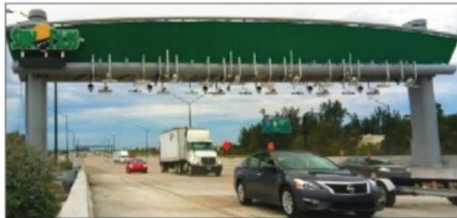
Mobility and Choices: Looking to the Future

- **Multimodal measures emphasizing**
 - » Efficiency
 - » Reliability
 - » Accessibility
 - » Connectivity
- **Measures of modal connectivity**
 - » First/last mile
 - » Integration of scheduling, payment, data, etc.
- **Differentiation of measures by type of trips supported**
 - » State, regional, local
- **Better measures on freight/supply chain**

Economy



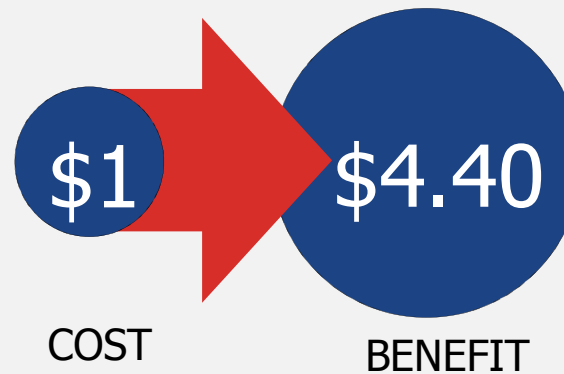
Macroeconomic Analysis of Florida's Transportation Investments



January 2015

www.dot.state.fl.us

Return on Investment



Construction Projects Completed **On-Time**



Construction Projects Completed **within Budget**

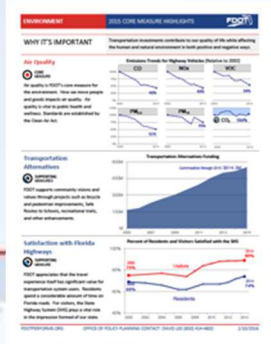
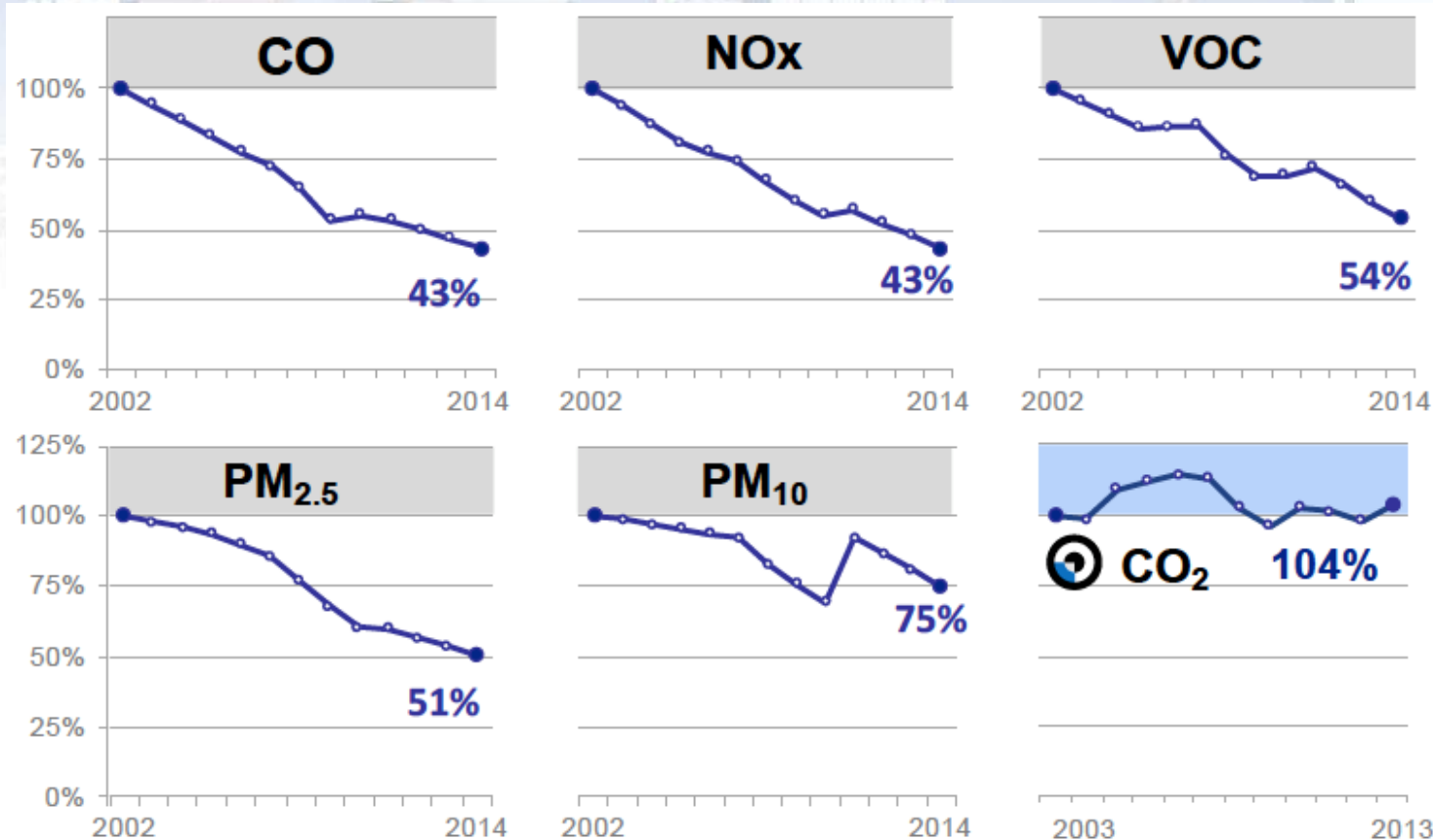


Economy: Looking to the Future

- **Better understanding of relationship between transportation connectivity/efficiency and business investment/logistics decisions**
 - » Trade and logistics
 - » Visitors
 - » Agriculture
 - » Targeted industries/clusters including access to talent
- **Better data on business satisfaction with transportation system and related regulatory processes**
- **Better data on transportation workforce needs**

Environment

Air Quality Emissions Trends for Highway Vehicles (Relative to 2002)



Quality Places and Environment: Looking to the Future

- **Additional environmental stewardship measures**
 - » Impacts on natural/physical resources (water, energy, wildlife)
 - » Ability for transportation decisions to enhance or restore environment
- **Better data on community values, context, and visions**
- **New measures related to**
 - » Public health
 - » Access to opportunity

For More Background



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Performance



Overview

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2015 Performance Report and Highlights

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[Performance
Highlights](#)

[Our Goals](#)

[Core Measure
Highlights](#)

www.dot.state.fl.us/agencyresources/performance



CREATING THE FTP IMPLEMENTATION ELEMENT

Group Exercise

- **4 tables, 1-2 goals per table**
 - » Safety/Security
 - » Mobility & Choices
 - » Economic Competitiveness & Infrastructure
 - » Quality of Life & Environment

Group Exercise

- **Review draft implementation actions**
- **Review existing list of FDOT core and supporting performance measures**
- **Address three questions**
 1. What changes or additions would you recommend to the proposed actions?
 2. How should we measure success related to the goals and objectives?
 3. Who should be involved in implementing this action?
- **Prepare brief report to full group**
- **Take lunch when you are finished**

Group Report Outs

- **Address three questions**

1. What changes or additions would you recommend to the proposed actions?
2. How should we measure success related to the goals and objectives?
3. Who should be involved in implementing this action?



FTP Implementation Plan

Dana Reiding
Administrator,
Intergovernmental
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Tel: xxx-xxx-xxxx
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Share your
thoughts on the FTP
Implementation Plan.

Click Here
to leave a comment and
join the discussion!

Welcome

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News

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Previous Documents





SIS

STRATEGIC INTERMODAL SYSTEM POLICY PLAN



MARCH 2016
FloridaTransportationPlan.com

SIS Objectives

- Ensure efficiency and reliability of multimodal transportation connectivity between Florida's economic regions and between Florida and other states and nations
- Expand transportation choices and integrate modes for interregional trips
- Provide transportation systems to support Florida as a global hub for trade, tourism, talent, innovation, business, and investment

Interregional
Connectivity



Intermodal
Connectivity



Economic
Development



Continue Existing SIS Emphasis Areas

- Reaffirm statutory intent for *interregional, interstate, and international* travel
 - » Also strengthen other programs such as TRIP and small county programs to support regional and local travel needs
- Continue emphasis on *largest and most strategic facilities*
 - » Also continue support for Emerging SIS facilities as key element of statewide system

New Emphasis Areas of SIS Policy Plan



**Statewide and Regional
Economic Development
Opportunities**



**Freight Mobility
and Trade
Development**



**Innovation and
Technology**



**Modal and
System Connectivity**



**Coordination with Regional
and Local Transportation
and Land Use Decisions**

SIS Implementation Plan

- **Prepare initial recommendations regarding changes to designation criteria and needs and prioritization policies**
- **Conduct workshops with targeted partners to obtain input on implementation issues**
- **Finalize SIS implementation guidance**

Online Resources: www.floridatransportationplan.com



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Florida Transportation Plan (FTP) and Strategic Intermodal System (SIS)

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About Us

The Florida Department of Transportation (FDOT) has updated the Florida Transportation Plan (FTP) and the Strategic Intermodal System (SIS) Policy Plan. The FTP defines Florida's future transportation vision and identifies goals, objectives, and strategies to accomplish that vision. The FTP is the statewide long-range transportation plan for all of Florida. The SIS Policy Plan identifies policies for planning and implementing Florida's Strategic Intermodal System, the statewide high-priority network of transportation facilities critical to Florida's economic competitiveness.

News

The SIS Policy Plan has been adopted by the FDOT Secretary and is available for download. FDOT would like to thank everyone that contributed to the SIS Policy Plan update process. This plan would not be possible without the extensive input from Florida's residents, visitors, businesses, and many more partners and stakeholders. Click [here](#) to view the SIS Policy Plan.

FTP SIS Policy Plan
(click cover to download)



FTP Policy Element
(click to download)



FLORIDA STRATEGIC HIGHWAY **SAFETY PLAN**



JULY 2016

DRIVING
DOWN
FATALITIES



SHSP Vision and Goal



SHSP Vision:

**A Fatality-Free
Roadway System**

SHSP Goal:

**Reduce Fatalities
by 5% Every Year**

What Does the Update Process Include?

- Analysis of crash data and other trends affecting fatalities and serious injuries
- Selection of emphasis areas, strategies, and actions based on the data and proven, effective approaches
- Review of public and partner input received from FTP update process
- Coordination with strategic safety coalitions
- Coordination with MPOs and other regional and local partners
- Review and approval by Signing Partners

Trends Shaping the Safety of Florida's Roadway System

24% of Florida's population will be **65+** by 2040

More aging road users are on Florida's roadways. These users tend to have a harder time seeing, reacting to, and recovering from events that cause crashes.

Licensed Drivers 65+



increased by
7.93%
(2011-2014)



Licensed Teen Drivers

decreased by
4.58%
(2011-2015)

Source: Florida Department of Highway Safety and Motor Vehicles, (2016).

Trends Shaping the Safety of Florida's Roadway System

Floridians are choosing **non-automobile modes** more often.


Transit Boardings

 **6%** between 2011 and 2014
Source: FDOT (2015).


Walking to Work

 **2%** between 2011 and 2014
Source: Bureau of Economic and Business Research (2016).

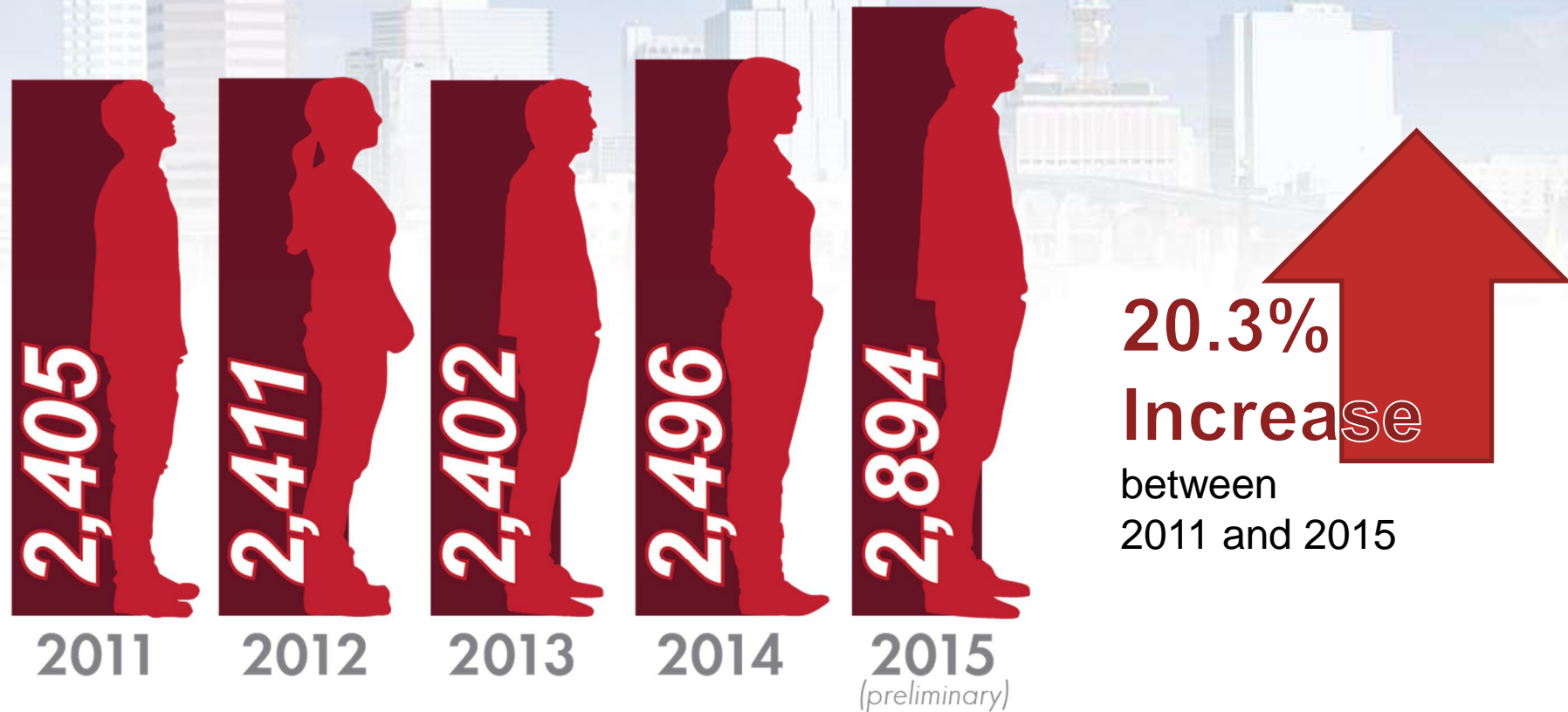
Motorcycle Endorsements

 **13%** between 2011 and 2015
Source: Florida Department of Highway Safety and Motor Vehicles (2016).

Bicycling to Work

 **39%** between 2011 and 2014
Source: Bureau of Economic and Business Research (2016).

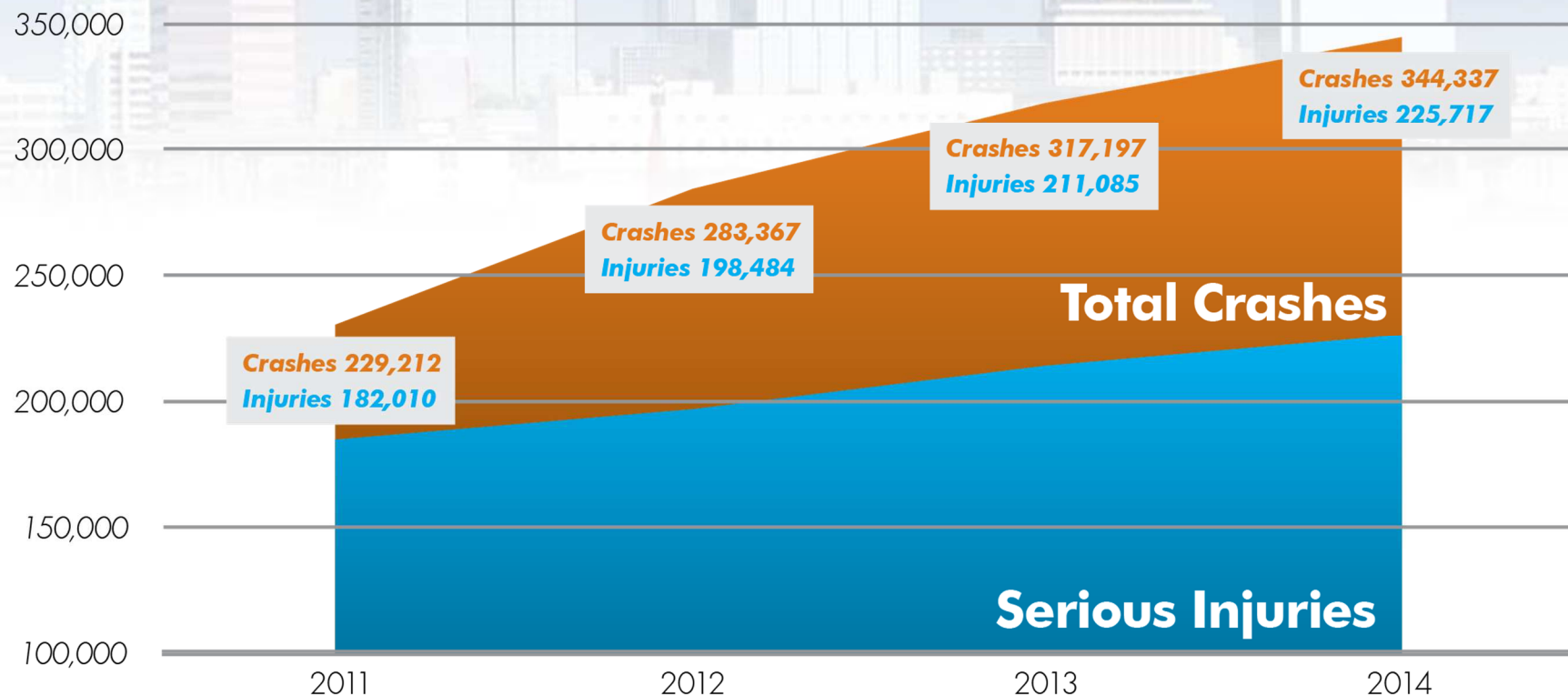
People Killed on Florida's Roadways



Vision: ZERO DEATHS

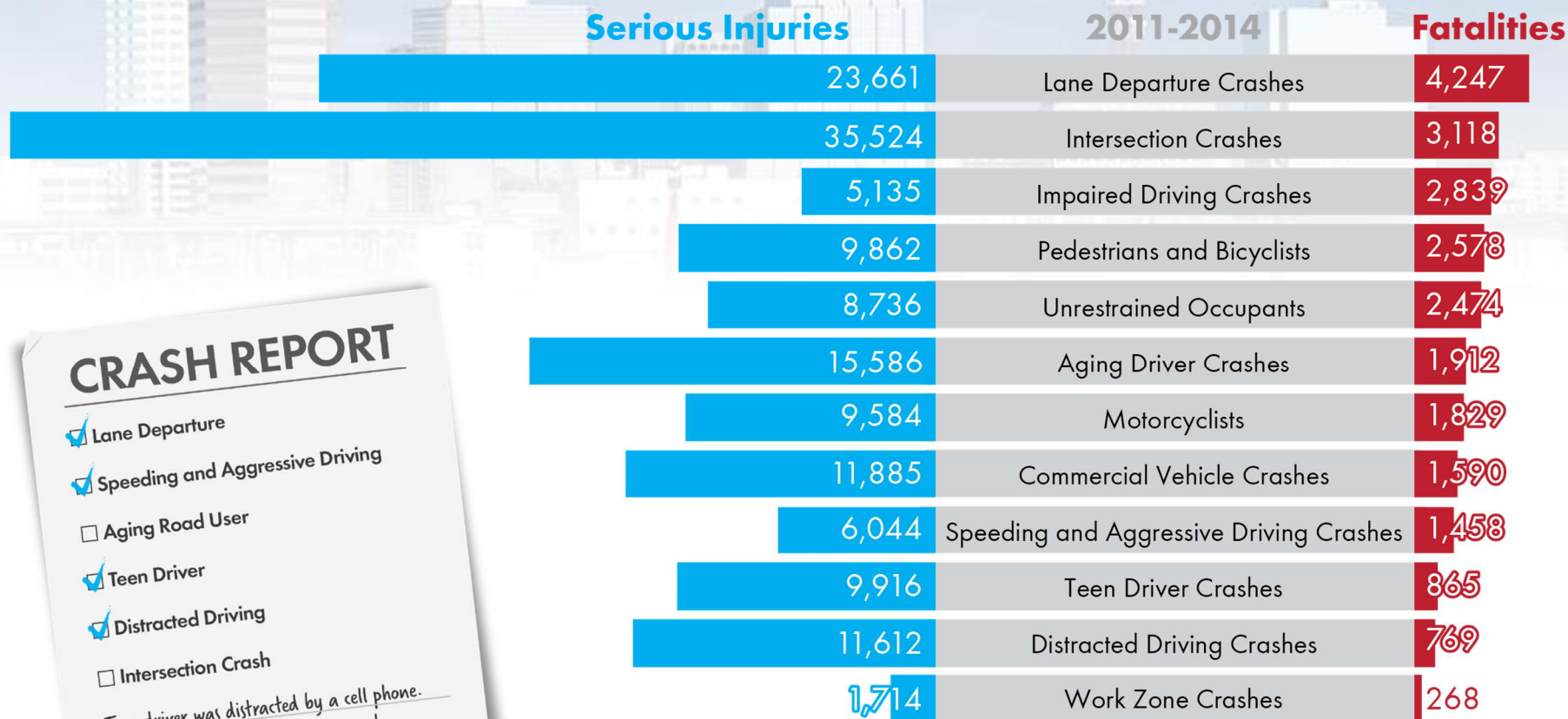
Crashes and Serious Injuries on Florida's Roadway System

Total Crashes and Serious Injuries on Florida's Roads (2011 to 2014)



Source: Florida's Integrated Report Exchange System (FIRES) (2016).

Fatalities and Serious Injuries



CRASH REPORT

- ☒ Lane Departure
- ☒ Speeding and Aggressive Driving
- ☐ Aging Road User
- ☒ Teen Driver
- ☒ Distracted Driving
- ☐ Intersection Crash

Teen driver was distracted by a cell phone.
He was speeding around a curve and
departed the roadway colliding with a tree.

Source: FDOT Safety Office (2016).



Lane
Departure
Crashes



Commercial
Vehicle Crashes



Motorcycle
Crashes



Intersection
Crashes



Speeding and
Aggressive
Driving Crashes



Distracted
Driving
Crashes



Impaired
Driving
Crashes



Teen Driver
Crashes



Work
Zone
Crashes



Pedestrian
and Bicycle
Crashes



Aging Road
User Crashes



Traffic Records
and Information
Systems



Unrestrained
Occupant
Crashes



Engineering



Enforcement



Education



Traffic Records and
Information Systems

SHSP Overarching Strategies

Engineering

Identify, develop, and deploy **engineering solutions** and best practices that encourage safe driving behavior and reduce roadway fatalities and serious injuries.

Incorporate policies and practices into **roadway design, traffic control, construction, operation, and maintenance** that make Florida's transportation system safer for all users.

Ensure infrastructure design allows for **efficient access of first responders**.

Education

Increase **training and educational opportunities** for first responders and other safety professionals focused on reducing roadway-related fatalities and serious injuries.

Educate all road users on **sharing the road**.

Develop and implement communication strategies for all road users and **improve public awareness** of highway safety needs.

Increase motorists' **understanding of engineering solutions and best practices**, and vehicle technologies that can reduce the number and injury severity of crashes.

Enforcement

Increase **targeted enforcement activities** in high-crash locations.

Increase enforcement of **high-risk driving behaviors**.

Coordinate with prosecutors and the courts to **improve prosecution and adjudication** of traffic safety-related cases.

Emergency Response

Improve **emergency response time**.

Provide training to first responders to **improve trauma management**.

Facilitate the **quick clearance of traffic crashes**.

Traffic Records Information Systems

Develop, maintain, and enhance **quality traffic records** data by ensuring it is timely, accurate, complete, uniform, integrated, and accessible traffic records data.

Develop a systematic approach for identifying locations and behaviors related to fatal and serious injury crashes.

Promote the **collection, analysis, and distribution** of quality crash data so state, regional, and local stakeholders can make appropriate and timely decisions on reducing and responding to crashes.



What's Next?

- **Partner Webinar – July 28**
- **Comment Period – July 28 – August 4**
- **Executive Review – August 8**
- **Adoption and Signing Ceremony – August 22**

For more information about the SHSP, please visit:

www.dot.state.fl.us/safety/

or email:

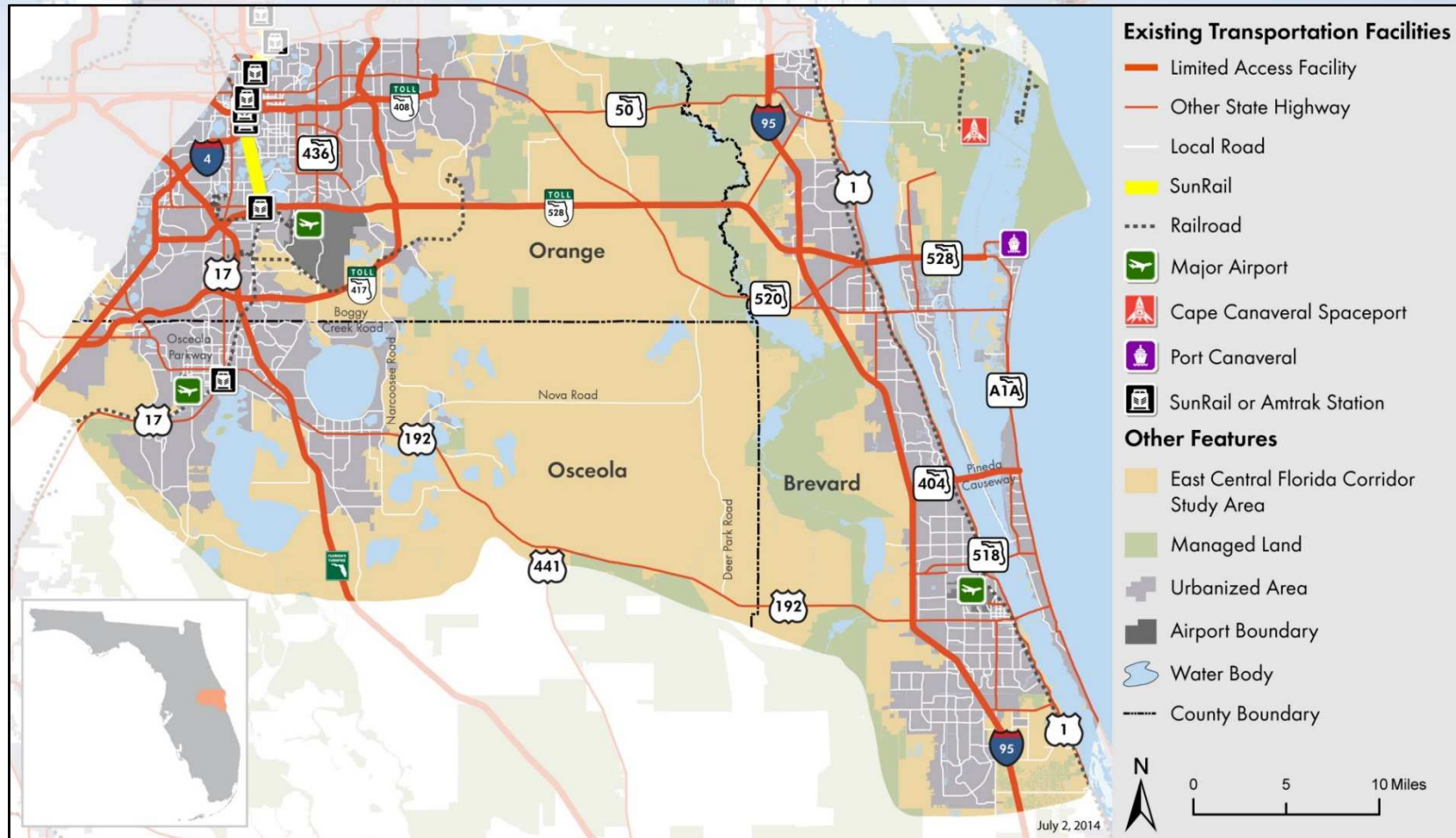
Lora.Hollingsworth@dot.state.fl.us



UPDATE ON FUTURE CORRIDORS PLANNING PROCESS

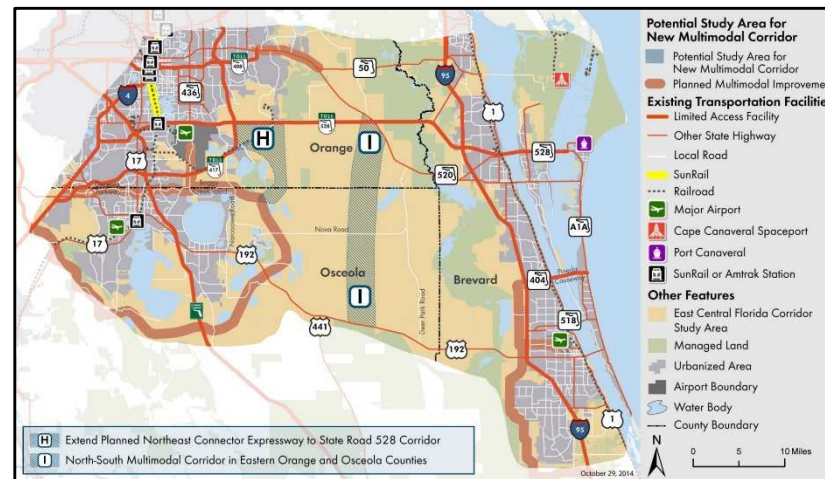
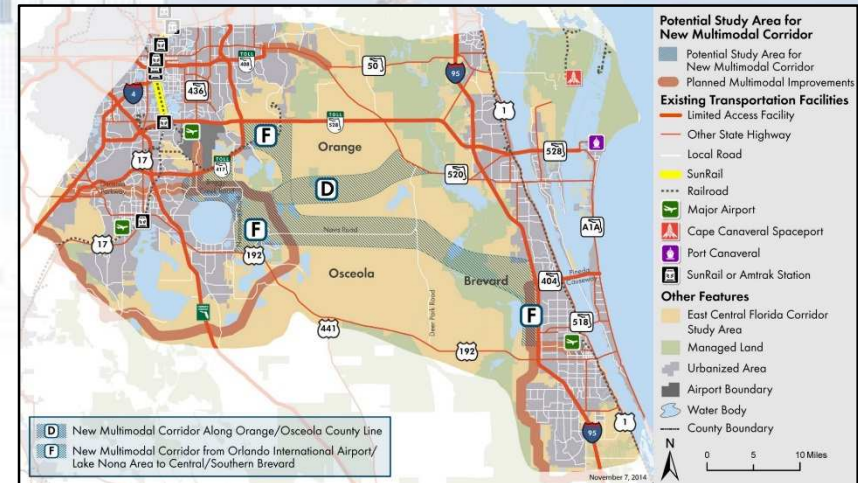


East Central Florida Corridor Task Force





East Central Florida Corridor Task Force

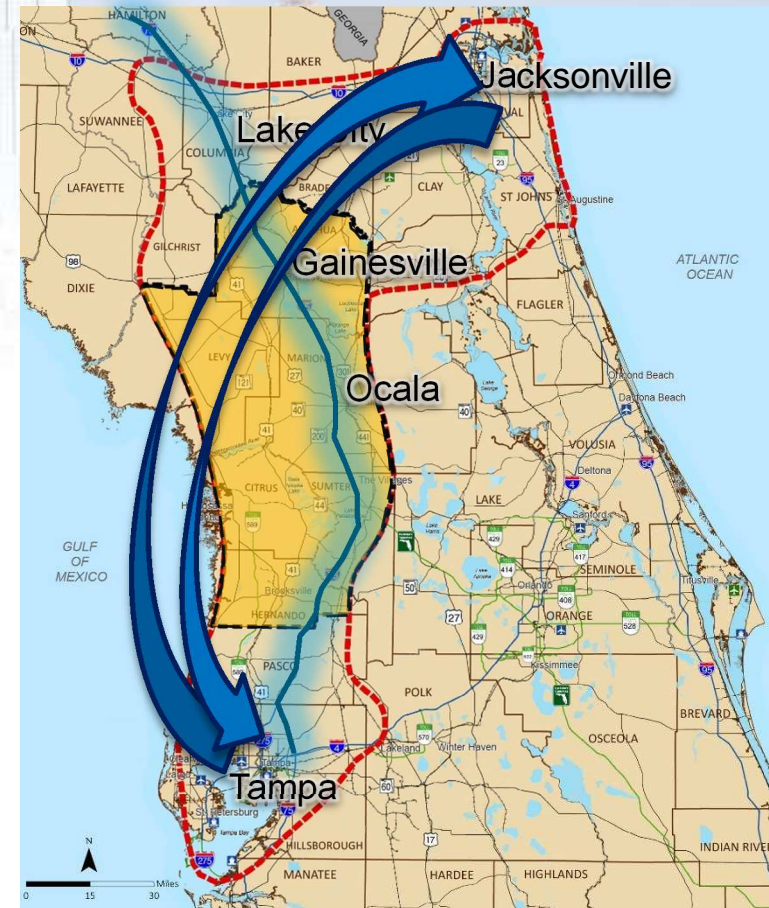




I-75 Relief Task Force

Recommending evaluations of options that:

1. ***Provide relief*** to I-75 and ***improve mobility*** in the Initial Focus Counties (yellow area)
2. ***Enhance regional connectivity*** between:
 - Tampa Bay
 - Northeast Florida

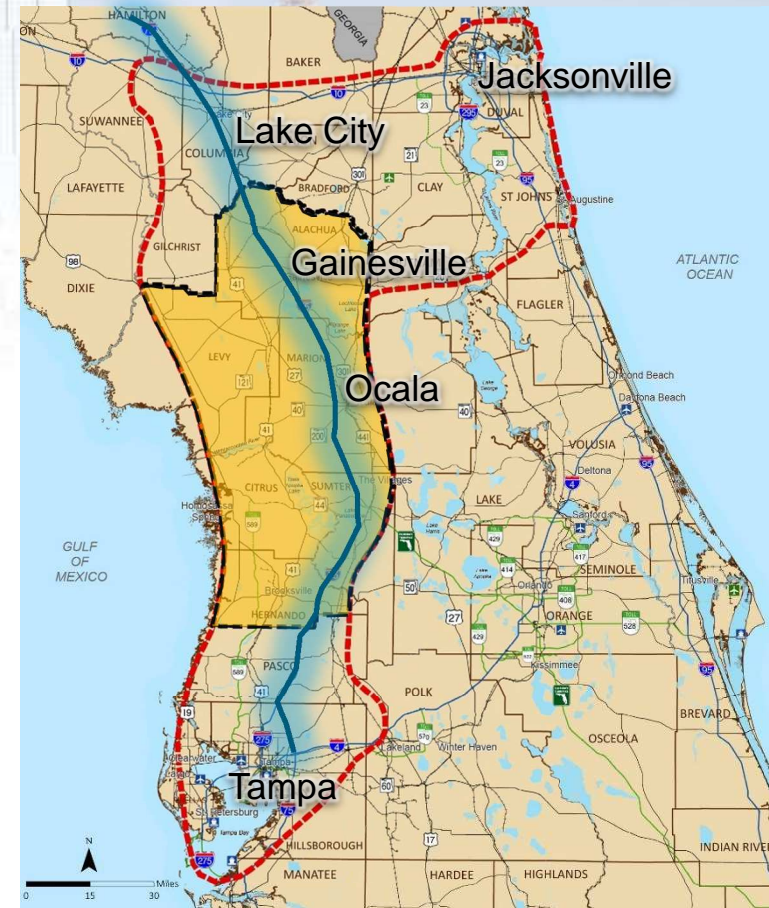




I-75 Relief Task Force

DRAFT FRAMEWORK:

1. Continue to ***optimize existing*** transportation corridors
2. Evaluate potential ***enhancements to or transformation of existing*** transportation corridors
3. After evaluation of existing and determination of need, ***evaluate potential for new*** multimodal, multiuse corridors



Future Corridors Guiding Principles



Conservation



Countryside



Centers and
Communities



Corridors