

FTP-SIS RESILIENCE KICK-OFF WEBINAR

presented to

Webinar – October 3, 2019

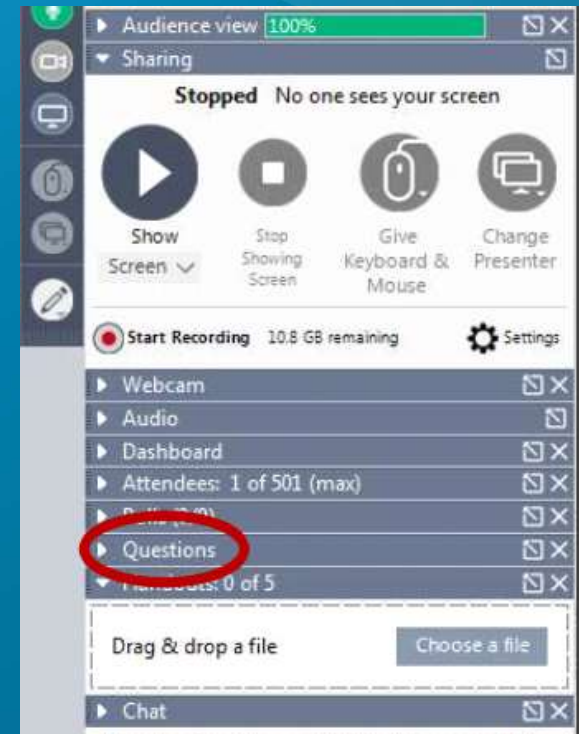
presented by

FDOT and Partners



ASK US QUESTIONS!

- ▶ The control panel includes a “Questions” box
- ▶ Click on the “+” sign to type questions into the box
- ▶ Questions will be answered following the panel discussion as time permits
- ▶ **SOUND ISSUES?**
 - » Turn your computer speaker on, adjust your volume, check audio on control panel or call in from your phone.



AICP CERTIFICATION MAINTENANCE

- ▶ This webinar has been approved for 1.0 AICP CM credits for planners (#9184666)
- ▶ In the follow-up email, you will receive a brief survey to help us improve future webinars



WEBINAR AGENDA

- ▮ Florida Transportation Plan Overview and Resilience Trends
- ▮ Panel Discussion
- ▮ Q & A
- ▮ Wrap Up

PANELISTS

**Jim Murley, Chief
Resilience Officer,
Miami-Dade County**



**Alix Miller, Vice
President, Florida
Trucking Association**



**Lois Bollenback,
Executive Director,
River to Sea TPO**



WHAT IS THE FLORIDA TRANSPORTATION PLAN?

- ▶ Florida's long range transportation plan
- ▶ A plan for all of Florida
- ▶ Provides policy guidance for all transportation partners
- ▶ Establishes a policy framework for expenditure of state and federal transportation funds
- ▶ www.floridatransportationplan.com



WHY DOES THE FTP MATTER?



GUIDING TRANSPORTATION
DECISIONS

TODAY

TO ACHIEVE OUR VISION FOR
TOMORROW



FTP_s HAVE RESHAPED FLORIDA



- ▮ **2020 FTP (2000)**
 - » Creation of Strategic Intermodal System



- ▮ **2025 FTP (2005)**
 - » Emphasis on regional visioning and collaboration



- ▮ **Current FTP (2015)**
 - » Added 'Choices' as a new Goal
 - » Added 'Resilient' to the Goals



- ▮ **2060 FTP (2010)**
 - » Alignment with Florida Strategic Plan for Economic Development
 - » Investments in trade and logistics; FMTP
 - » Maximizing use of existing facilities (e.g. managed lanes)
 - » Future Corridor Planning Process
- ▮ **Current FTP (2015)**
 - » Greater emphasis on Workforce
 - » Greater focus on implementation
 - » Renewed emphasis on Safety and alignment with the SHSP

FLORIDA TRANSPORTATION PLAN



Vision Element

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



Policy Element

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



Implementation Element

Emphasis areas with key actions (5-25 years)

FTP GOALS & CROSS-CUTTING TOPICS

Technology

Resilience

State and
Interregional

Regional and
Local



Safety and security



Agile, resilient, and quality transportation infrastructure



Connected, efficient, and reliable mobility



Transportation choices



Strengthen Florida's economy



Enhance Florida's communities



Protect Florida's environment

FTP GOALS & CROSS-CUTTING TOPICS

Technology

- » Automated, connected, electric & shared vehicles
- » Transportation system management & operations
- » Big data
- » New materials & processes

Resilience

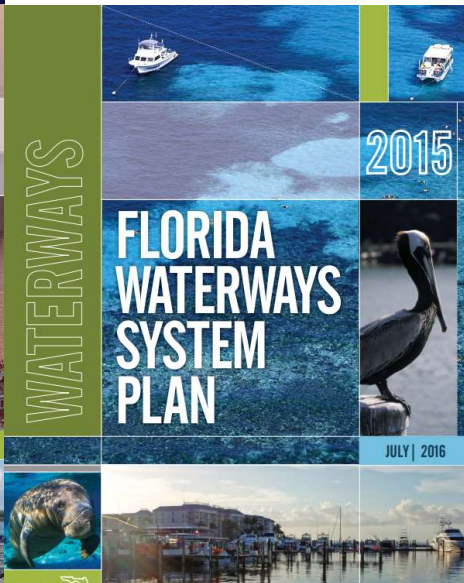
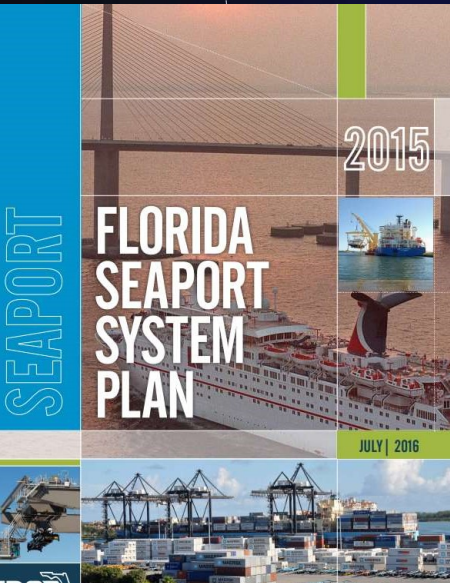
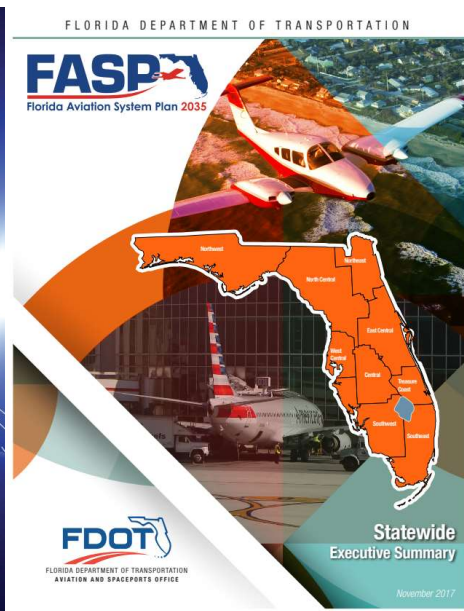
- » Extreme weather events
- » Emergency evacuation & emergency response
- » Sea level rise, flooding
- » Economic or societal changes

State and Interregional

- » SIS, including modal facilities
- » Trade & logistics
- » Multi-use/ multi-modal facilities
- » Global, statewide, interregional connectivity

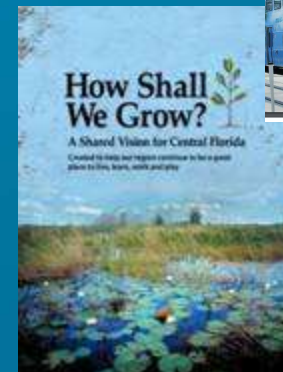
Regional and Local

- » Urbanized, non-urbanized, rural
- » Congestion relief
- » Land use/ community planning
- » Regional visions



RELATED PARTNER EFFORTS

- ▶ **Metropolitan Planning Organizations (MPOs)**
 - » Long Range Transportation Plans
- ▶ **State Agency Plans/Initiatives**
 - » DEO, DEP, Enterprise Florida, Space Florida, etc.
- ▶ **Local Governments**
 - » Comprehensive Plans, etc.
- ▶ **Regional Planning Councils**
 - » Strategic Regional Policy Plans
- ▶ **Modal Partners**
 - » Transit, expressway, seaport, airport and other authorities
- ▶ **Regional and Community Visions**



Trends in Resilience



In 2018,
**GLOBAL MEAN
SEA LEVEL**
was
**3.2 INCHES
ABOVE**
the 1993 average

Nearly
**170 COASTAL
COMMUNITIES**
in the U.S. are projected to experience
FLOODING *more than*
**26 TIMES
PER YEAR**
by 2035

Since 2000,
TIDAL FLOODING
across Florida has
INCREASED BY 352%

Florida is among the
**TOP 10 STATES MOST
IMPACTED BY
WILDFIRES**

Florida has been impacted by

40%
OF ALL U.S.
HURRICANES

Approximately

6 MILLION PEOPLE EVACUATED
during Hurricane Irma, THE LARGEST EVACUATION IN U.S. HISTORY

The amount of

PRECIPITATION
during heavy rainstorms has
INCREASED BY

27% *in the Southeast*
over the last 60 years

By mid-century, the Southeast
is expected to experience up to

50 MORE DAYS
per year of temperatures exceeding
90 DEGREES

The increasing
GLOBAL INTEGRATION of Florida's economy means our
TRADE, TOURISM, & OTHER INDUSTRIES
can be impacted by recessions, instability, and supply chain disruptions
around the world



According to the Florida Chamber
Foundation, the likelihood of a

**RECESSION WITHIN
9 MONTHS**

has been **INCREASING** since
May of **2019**



There is an estimated
**\$1.2 TRILLION
NATIONAL GAP**
in **TRANSPORTATION INFRASTRUCTURE NEEDS**
through **2050**, even before considering climate impacts



LONG-HAUL FREIGHT
is expected to **INCREASE**

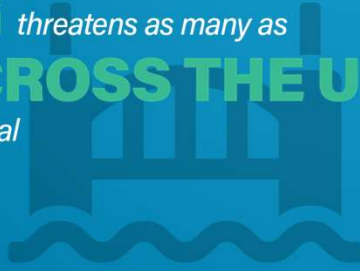
40% by **2040**



INLAND FLOODING threatens as many as **4,600 BRIDGES ACROSS THE U.S.**

and is anticipated to result in average annual

**DAMAGES OF UP TO
\$1.4 BILLION** by 2050



3 MAJOR FLORIDA AIRPORTS

have at least one runway that is vulnerable to

**MODERATE TO HIGH
STORM SURGE**



Nationally, the **TOTAL ANNUAL DAMAGES** from
TEMPERATURE & PRECIPITATION-RELATED
damages to paved roads are estimated at up to

\$20 BILLION



In 2017, a **CYBERATTACK**
at CSX's Jacksonville headquarters

**SHUT DOWN RAILROAD SIGNALING,
DISPATCHING, & OTHER SYSTEMS**

across 23 states

Panel Discussion



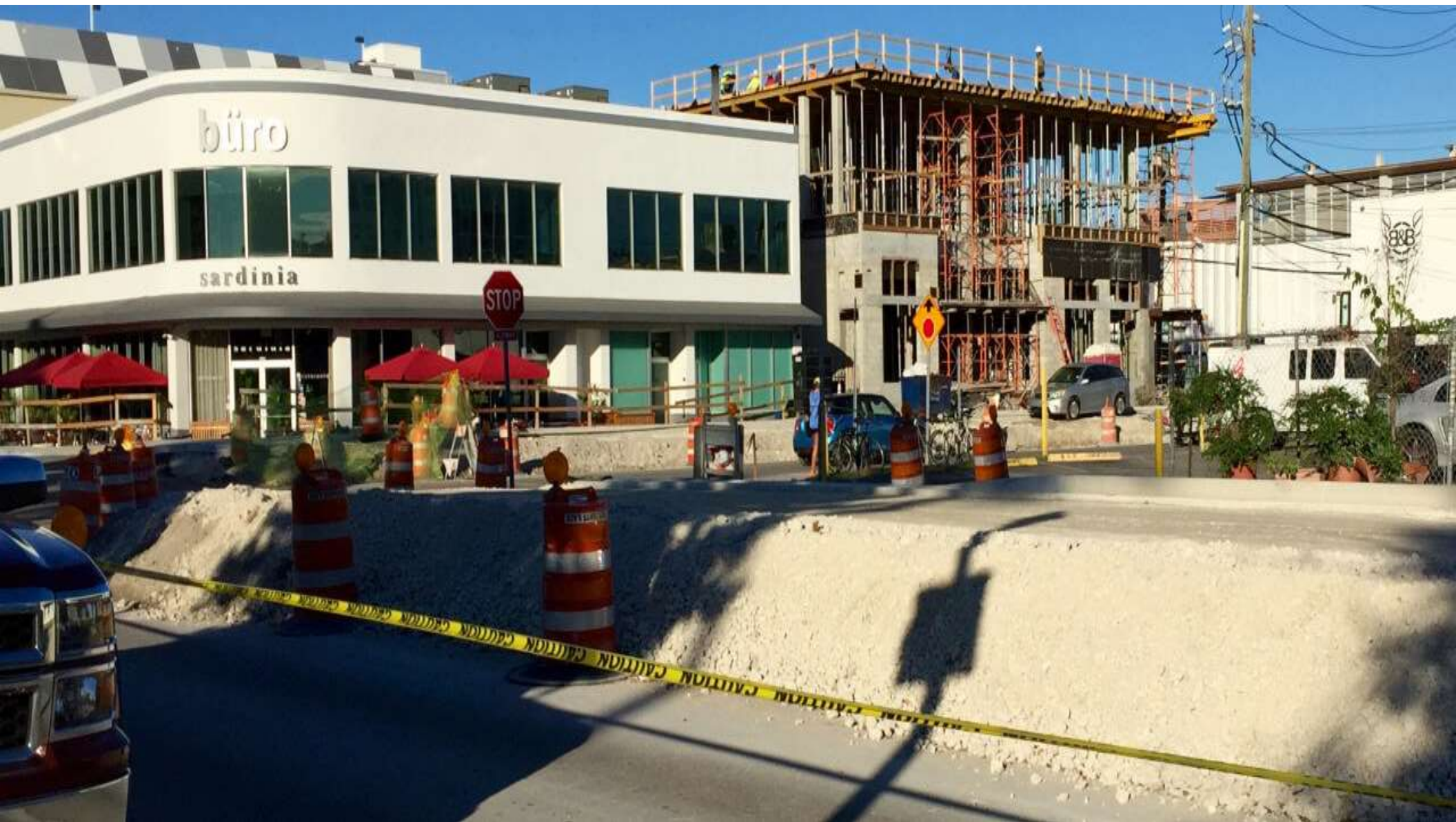
















QUESTIONS?



SHARING OUR IDEAS

- ▮ Works best from website – no registration required
- ▮ Use www.pollev.com/FTP2045 to access the polling questions
- ▮ Respond to each question using your mobile device or laptop



GET INVOLVED!

TELL US YOUR VISION FOR TRANSPORTATION IN FLORIDA.

Help FDOT and its partners update the **Florida Transportation Plan**. Go to:

<http://www.floridatransportationplan.com/>

- ✓ Take  the **10-MINUTE** Values and Preference **SURVEY**
- ✓ **SIGN UP** for Mailing Lists
- ✓ **JOIN** a **SUBCOMMITTEE**
- ✓ **LEARN MORE** by listening to **PODCASTS**, watching **WEBINARS**, or **READING**
- ✓ Provide **YOUR IDEAS** online
- ✓ **REQUEST** a **PRESENTATION** to your organization or group
- ✓ Be on the lookout for **REGIONAL WORKSHOPS COMING IN 2020**

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850-414-4800

 **@FLDOT**
 **@MyFDOT**
 **@My_FDOT**



FTP SUBCOMMITTEES

▮ 3 subcommittees

- » Automated, Connected, Electric, and Shared (ACES)
- » Resilience
- » Safety (coming soon)

▮ Representatives of the steering committee organizations make up the members

▮ Others are able to become “friends” of the subcommittees

- » Receive updates on subcommittee activities
- » Attend and participate at meetings

▮ Become a friend of the subcommittees and stay engaged

WHAT WILL WE DO WITH YOUR INPUT?



Input is received at meetings, online, through survey, etc.

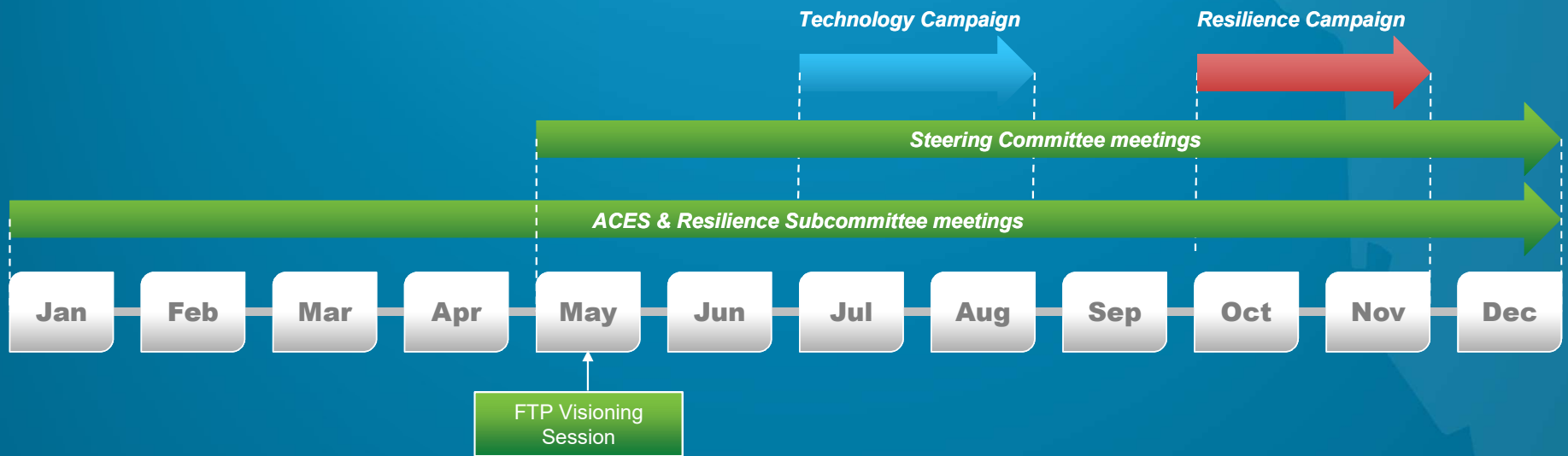


Provided to the FTP Steering Committee and Subcommittees for review and consideration



Based on applicability, your input is used to shape the plan

FTP EVENTS, MEETINGS & CAMPAIGNS




2019

FTP EVENTS, MEETINGS & CAMPAIGNS



2020

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Florida Transportation Plan (FTP)

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Summary



FTP Overview

FTP Update

- Steering Committee
- ACES Subcommittee
- Resilience Subcommittee
- Cross-Cutting Topics
 - Technology
 - Resilience
 - Statewide/Interregional
 - Regional/Local
- Long Range Visioning Session

Get Involved


- Share Your Thoughts & Ideas
- Join Us at an FTP Event
- Become a Subcommittee Friend
- Request a Presentation from FDOT
- General Feedback Comment Form

Florida Transportation Plan Overview

The Florida Transportation Plan (FTP) is the state's long-range plan guiding Florida's transportation future. The FTP is a plan for all of Florida – and affects every resident, business, and visitor.

The FTP is important because it not only sets a long-range vision for the future, but it guides transportation decisions today. It considers how we will:

- Attain our goal of zero fatalities on Florida's transportation system.
- Provide a more efficient and mobile transportation system.
- Meet the needs of a growing and changing population.
- Make our economy more competitive.
- Enhance the quality of life and environment of Florida's communities.
- Increase opportunities for access to transit and other modes of transportation.
- Address emerging issues such as the rapid changes in technology.



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TRANSPORTATION
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The Florida Department of Transportation (FDOT) and its partners are updating the FTP, and we want you to [get involved](#). As we develop the next FTP, we want to hear from you to understand the transportation issues and concerns that are most important to Floridians.

Click here to share your thoughts and ideas.

www.floridatransportationplan.com



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