“Leveraging Transportation, Technology & Energy”

North Florida Transportation Planning Organization
North Florida TPO Stats

4 Counties = Duval, Clay, Nassau, St. Johns

Land Area = 2,636 sq. mi.
(Largest geographic boundary in the State)

Population = 1,287,094
(4th largest in the State)

Staff Size = 9
(3rd fewest staff per capita in the State at 1 to 140,813. State Average is 1 to 76,123)

Average Annual Operating Budget = $4.5M
The Regional Transportation Management Center (RTMC) is the hub of our region's intelligent transportation systems.

It opened in 2015 as the culmination of a 12-year partnership among the North Florida TPO, Florida Department of Transportation and Florida Highway Patrol. The North Florida TPO offices are located in the same building adjacent to the RTMC.
North Florida Regional Transportation Management Center (RTMC)

- Florida Highway Patrol
- Florida Department of Transportation
- Florida Fish And Wildlife
- Jacksonville Sheriff’s Office
- North Florida TPO
- Jacksonville Transportation Authority
- Emergency Operations Centers
- Jacksonville Port Authority
- Law Enforcement Clay, Duval, Nassau and St. Johns Counties
- Fire/Rescue Clay, Duval, Nassau and St. Johns Counties
- Others....
Harnessing the power of *Smart Technologies*, *Coordinated Data*, and *Regional Collaboration* to improve North Florida’s economic competitiveness, sustainability and quality of life.
The BayJax, an innovation corridor along Bay Street, will be an important first step in creating a safer, smarter region, growing Jacksonville and North Florida as a rising center for technology jobs, e-commerce, telecommunications and education.

**IMAGINE...**

- People, infrastructure, cars and services will be connected through a public broadband network to give you the information needed to meet your shopping, entertainment and mobility needs in real-time.
- You can use bus rapid transit or automated vehicles to reach destinations along the corridor.
- Sensors know when you cross the street and notify drivers.
- Signals are connected to vehicles to optimize traffic flow.
- Lanes change colors to direct traffic for special events.
- The electricity needed to power the signals and lighting in the corridor is generated in the sidewalks using solar panels.
- During storms, flood warning sensors provide time to evacuate safely.

Working with our partners in the Smart Region Coalition - the City of Jacksonville, JAX Chamber, Downtown Investment Authority, JTA, JEA and the Jacksonville Jaguars, we’re making Bay Street connected, convenient, efficient and safe.
St. Augustine Parking Management

Operator Management

Filters

Operator: City of St. Augustine, FL

Date and Time:
- 04/26/2019 11:00 AM

Officer:
- PM1

Period:
- Next 2 hours

Playback

04/26/2019 11:00 AM

04/26/2019 12:11 PM

Map

Satellite

City of St. Augustine Parking Management

Park, Pay, Explore.

No more digging for coins. This is how parking should be.

Pay with the App
PARK ST AUG

ZONE 00000

Sign up at ParkStAug.com
Pavement Condition Pilot Project (Clay County)
Current state

- Local Agency
- State Agency
- Federal Agency

- Data
- Public Service

Future state

- Common Data Model
- Federal Agencies
- Public Agencies
- Universities
- Private Sector
- Community Goals & Public Good

- Data
- Public Service
THE PAST

Reports

Historical Data

NOW

Historic, Real-time and Predictive

In 2016, congestion cost North Florida $500 million in economic losses.

In 2016, vehicle crashes cost $4.8 billion in economic losses.

Quality of Travel

Traffic delays increased and cost our region $990 million in economic losses in 2016.

Safety

In 2016, Total Crashes increased by 25% since 2011.

Unexpected Traffic Trends

Traffic patterns have changed drastically due to various factors, such as increased public transportation usage and changes in work-from-home policies. These changes have led to unexpected traffic trends that need to be monitored and addressed.

The Future of Mobility

As technology advances, the future of mobility is likely to be characterized by increased automation and the integration of various transportation modes. This will require a shift in how we plan and manage our transportation systems.

Conclusions

The state of mobility in our region is complex and requires continuous monitoring and adaptation. The use of real-time data and predictive analytics can help us make informed decisions and improve the overall quality of travel.
Congestion & Mobility

Bicycle Crash History
Regional bicycle crash history and performance measures.

1 Year Change
-10.26% ↑
-44.00

Person Miles Traveled
Daily person-miles traveled on state roads.

Truck Miles Traveled
Daily truck-miles traveled on state roads.

1 Year Forecast

Daily Delay
Delay Daily
Daily delay on state roads as reported by the FDOT Central Office.

Corridor Reliability
Corridor Reliability based on BlueToad roadway sensors in the North Florida region.

Vehicle Availability
Vehicle availability per household by county.
Performance Measures

Dashboard
Quantity of Travel

1 Year Forecast
9.03% ▲
2,738,583 Miles

Vehicle Miles Traveled
Daily vehicle-miles traveled on state roads.

Person Miles Traveled
Daily person-miles traveled on state roads.

Truck Miles Traveled
Daily truck-miles traveled on state roads.

1 Year Forecast
1.81% ▲
27,318 Residents

Population
Regional population by county.

Gross Domestic Product
Regional gross domestic product by county.

Vehicle Availability
Vehicle availability per household by county.
Pedestrian Crash History

Pedestrian crash history as reported by Florida's Integrated Report Exchange System (FIRES) on behalf of the Florida Department of Highway Safety and Motor Vehicles.
Measures the current and historic average speed as reported by datasource (Buzztox).
JAXUSA Partnership, the private, nonprofit division of the JAX Chamber, is the economic development initiative overseeing efforts in the seven-county Northeast Florida region.
JAXTAB
THURSDAY, JAN 31 @ 5:30PM
INTUITION
929 E BAY ST
JACKSONVILLE
Florida

WELCOME TO TECH AND BEER

Join us as we kick off our first of many Tech and Beer events in Jacksonville. TAB is a platform for like-minded tech professionals, business owners, startups, and investors to connect, collaborate, and get inspired to drive innovation.

- Networking and start-up company tables
- Complimentary Black Sheep catering and Intuition Ale Works drinks
- Learn about the BayJax Innovation Corridor and how our local tech talent is needed to power the North Florida Smart Region.
- Ride JTA’s autonomous transit vehicle and have a chance to win TAB T-shirts by providing real feedback that will be incorporated into the vehicle and its service!

TAB was launched in Orlando, FL in 2017 and has grown into a leading tech community platform that is 100% focused on the people that drive change in their cities. Learn more about TAB at TechandBeers.com. We’re excited for a great event and hope to see you there!

-Sponsors
Big Data and the Future of Our Cities
DISCOVER DATA
Collecting, analyzing and sharing data is the key to making technology work for us. Saving us time and money, integrated and actionable data is the heart of smart.

MORE

EXPLORE PROJECTS
See how smart technologies and strategies can improve our region's economic competitiveness, sustainability and quality of life.

MORE

JOIN THE MOVEMENT
We're bringing together tech professionals, entrepreneurs and investors to grow Smart North Florida with more local tech companies, jobs and opportunities.

MORE