

# Mobility Advancement Program (*fka Transportation Surtax*) Implementation Plan



# Elements of Initial Implementation Overview

*FY 2019-FY2020*



# Formalizing partnership timelines

- Funding for MPO's prioritization of municipal projects was completed April 16, 2019; costs associated with MPO creating a prioritization process was approved by Oversight Board, April 25th
- Update existing multi-party interlocal agreement (ILA) to address requested changes (*e.g., rehab and maintenance project carve-out from MPO process, project definitions clarified, date for first MPO surtax staff recommendation moved to March 2020 from February 2020*)
- Complete Community Shuttle ILAs by August 2019; 100% funding (capital and operating) for participating cities begins October 1st
- General ILAs with municipalities for NON-Community Shuttle funds should be in place by March 2020; April 2020 approval of municipal project recommendations; access 2020 funds after that



# Short-term Strategy

For the next six months in FY 2019, our efforts to “stand up” the road- and traffic-related elements focus on:

- Starting construction of “shovel-ready” projects
- Evaluating optimal adaptive traffic signal control technologies for use in Broward County
- Increasing maintenance for traffic signals and communication network
- Developing an approach to evaluate city projects that may be outside the MPO prioritization process, but have merit for delivery as part of a corridor or complementary roadway project



# Capacity-building/Workforce Development

## External to County—

- Researched technologies and industries needed in Florida and ideally in Broward County, to ensure: (1) delivery of projects; (2) operations and maintenance of assets, and; (3) adequate capacity of local businesses to compete as subs
- GOAL = Creating community capacity to meet local preference goal of 30% on eligible program projects
- Compiled data into “issue papers” allowing for outreach and advocacy around programs related to targeted industries, workforce development, small businesses, etc.



# \$5.5M in FY 2019 Projects

Our community expects action and we plan to deliver early and often

Nine construction projects are underway now that Oversight Board approved:

- Fiber Optic Network
  - Pine Island Road from Broward Blvd to Oakland Park Blvd
  - Sunrise Blvd/NW 136 Ave vicinity
- Mast Arms
  - Broward Blvd at E 15 Ave
  - Stirling Rd at Palm Ave
  - Wiles Rd at Coral Springs Drive
- School Safety Zone Improvements
  - Bayview Elementary, Charles Drew Elementary, Maplewood Elementary, and Morrow Elementary

Of the nine projects, eight are ready, or close-to-ready, for construction; one requires funding to be available to match a FEMA grant.



# County Roadway, Safety, Transit, & Innovation Projects

- County projects contained within the Mobility Advancement Plan presented to voters and audited by the State in 2018 will continue to be advanced
- Each project must be approved as eligible under Florida Statute 212.055(1) by the Oversight Board, and every proposed expenditure must also be expressly authorized by the Oversight Board
- FY2020 County projects will be workshopped with the Oversight Board June 27th; acted on by OB in July; brought to County Commission in August/September as part of budget process



# Municipal Funding Expected in 2020

- \$120+M available for municipal projects (*see Surtax Financial Plan\**)
- 100% Community Shuttle funding begins October 1st, 2019
- Surtax-funded MPO staff present recommendations in early 2020 (but can send city projects as they are ready)
- New municipal projects will be submitted to MPO, evaluated and prioritized (late 2019) using a process they will develop
- Per ILA between County and MPO, a 5-Year Plan (due July 1, 2020) will be developed and contain all projects funded in part, or wholly, using surtax proceeds; once approved by Oversight Board the 5-year plan offers level of certainty
- \* For more details, visit: [www.pennyfortransportation.com](http://www.pennyfortransportation.com)



# Brief Q&A



# Elements of Implementation

## Long-Range - Overview



# Creating a S.M.A.R.T. County

Collecting, integrating and analyzing data



# Collecting, Integrating and Analyzing Data

- Create “County Brain” (General Fund initiative)
- Integrate with Surtax/MAP technology (inward and publicly-facing)
- Invest in resources to effectively mine and analyze data
  - Partner with WAZE in their Connected Citizens Program
  - Partner with Magic Leap
  - Partner with M.I.T.
- Place sensors on traffic lights, stop signs, speed limit signs, crosswalks, vehicles (including transit, shuttles, cars, etc.)



# Data Collection

Data allows us to:

- understand origins and destinations across various modes
- measure travel times, count pedestrians, measure length of time to cross street, measure frequency of crosswalk use
- analyze patterns of use and detect unusual slowdowns
- implement predictive modeling to detect vehicle crashes and breakdowns to speed response and ensure maintenance of traffic flow and communicate with vehicles to provide speed limit and length of red light
- define the appropriate type of transportation solution (context)

**We will need municipalities to partner with us to collect data!**



# Developing 5-year MAP plan

## Benefits:

- Can include newly identified or amended projects, not currently included in the Plan
- Offer level of certainty for County, State and Municipalities around projects and revenues, allowing for long-term, efficient, collaborative planning
- Corresponds with timing and frequency of major updates of the MPO's long-range transportation plan (MTP)
- Reduces annual levels of effort for new project application submittals by municipalities
- Improves public engagement opportunities around large projects



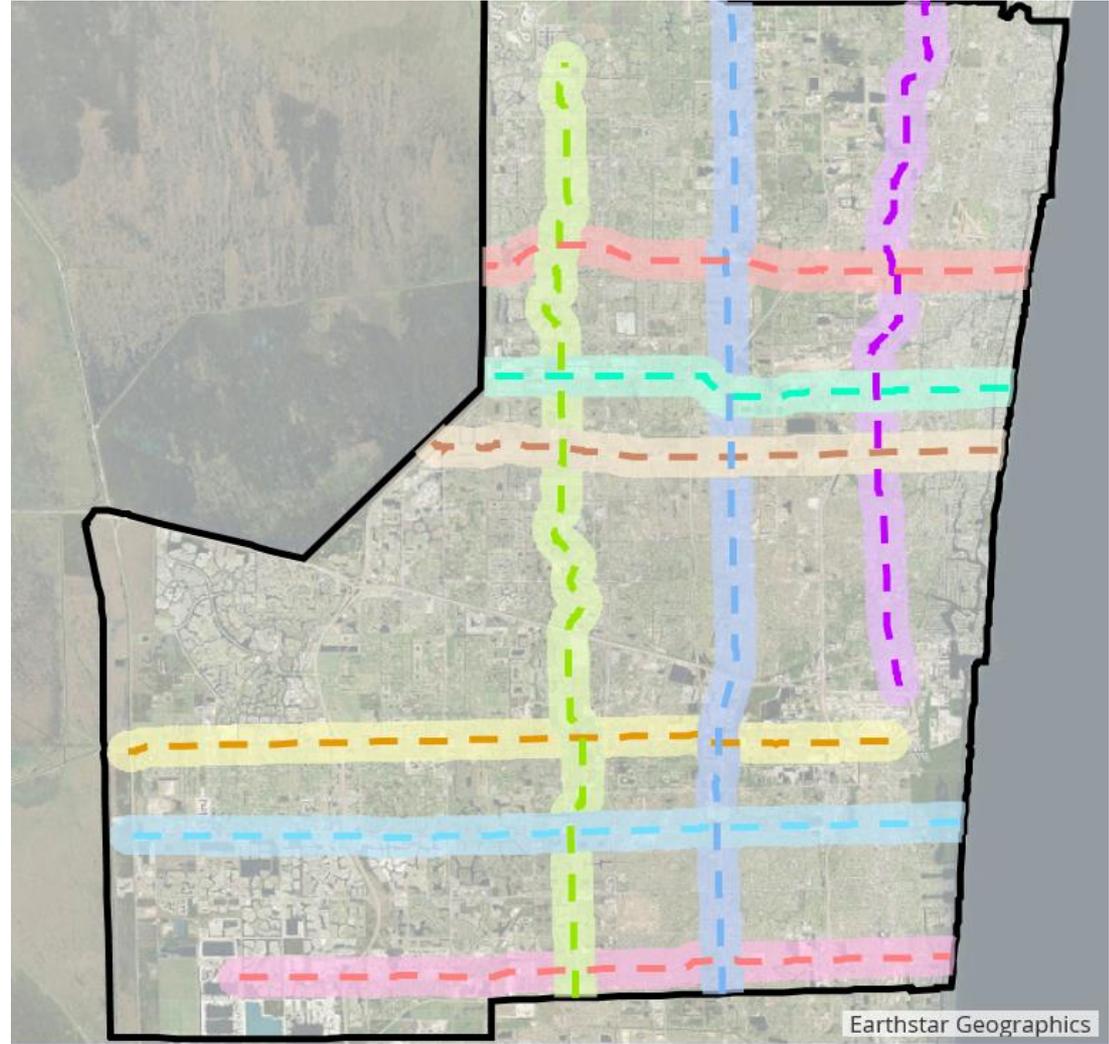
# Breaking Down Long-Standing Silos – Corridor Delivery

- Formalizing evidence-based corridor delivery method (looking at 9 corridors presently, based on concentration of projects, congestion rating, planned premium transit, mobility hubs, etc.)
- Active municipal project coordination and technical support
- Comprehensive, responsive Interlocal Agreements
- Viewing corridors through a variety of lenses, including economic and transit-oriented development opportunities
- Co-location of multiple functions



## Nine Corridors (with 1/2 mile buffer)

- Atlantic Blvd
- Commercial Blvd
- Oakland Park Blvd
- Griffin Rd
- Sheridan St
- Hallandale Beach Blvd / Miramar Parkway
- Pine Island Road
- SR-7 / US-441
- Andrews Ave



Earthstar Geographics

# Q&A

We have technical staff and representatives here to answer questions

Thank you for the opportunity to present and partner with you to transform our community

