

# **Mobility Advancement Program Implementation Plan (formerly known as Transportation Surtax)**

CAM 19-0451  
Exhibit 1  
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# 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 25<sup>th</sup>
- 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 1<sup>st</sup>
- 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



# Funding Expected in 2020

- \$120+M available for municipal projects (see *Surtax Financial Plan\**)
- 100% Community Shuttle funding begins October 1<sup>st</sup>, 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)





# City of Fort Lauderdale Projects in the Plan

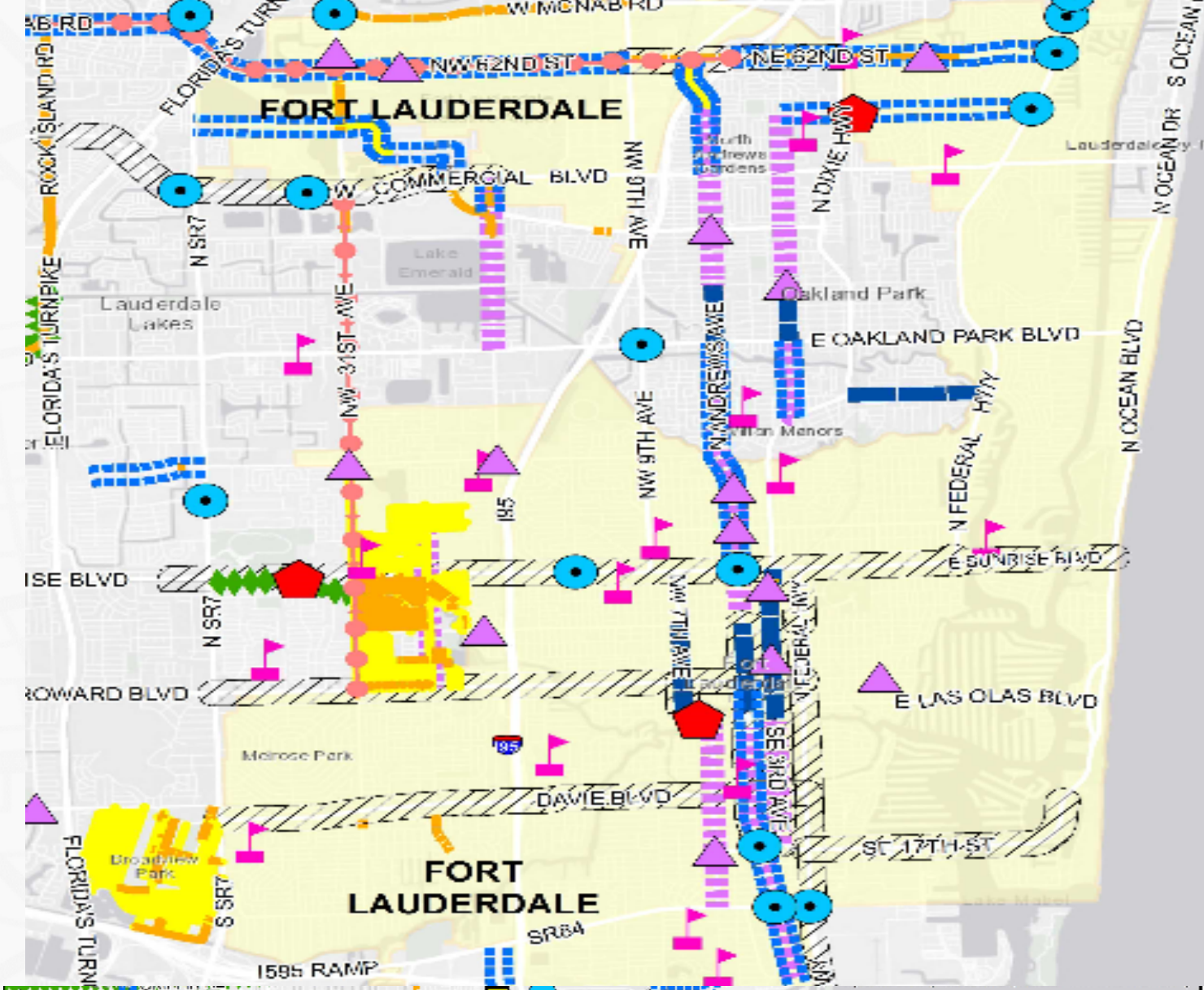
Overview: Fort Lauderdale submitted **\$465+M** in general mobility (non maintenance) projects + **\$87M** of rehab/maintenance, for a total of **\$552M** over 30 years

In addition, the County will be doing hundreds of millions in roadways projects within the municipal boundaries:

- 10 intersection improvements; 13 School Safety Zone Improvements; Climate Resiliency Improvements; Drainage Replacement; Technology Adaptation/Predictive Maintenance Eqpmt; Street Lighting; Bike Lanes; Bridge/Overpass Improvements; Fiber Optics; 13 Mast Arm upgrades; greenways; sidewalks; adaptive traffic control



Map of County  
Planned  
Roadway, Safety,  
Mobility &  
Transportation-  
related Resiliency  
Projects in City of  
Fort Lauderdale,  
currently  
included in the  
Plan approved by  
voters and  
audited by State  
of Florida





## \$552M in City Projects over 30 years



### Proposed Improvements

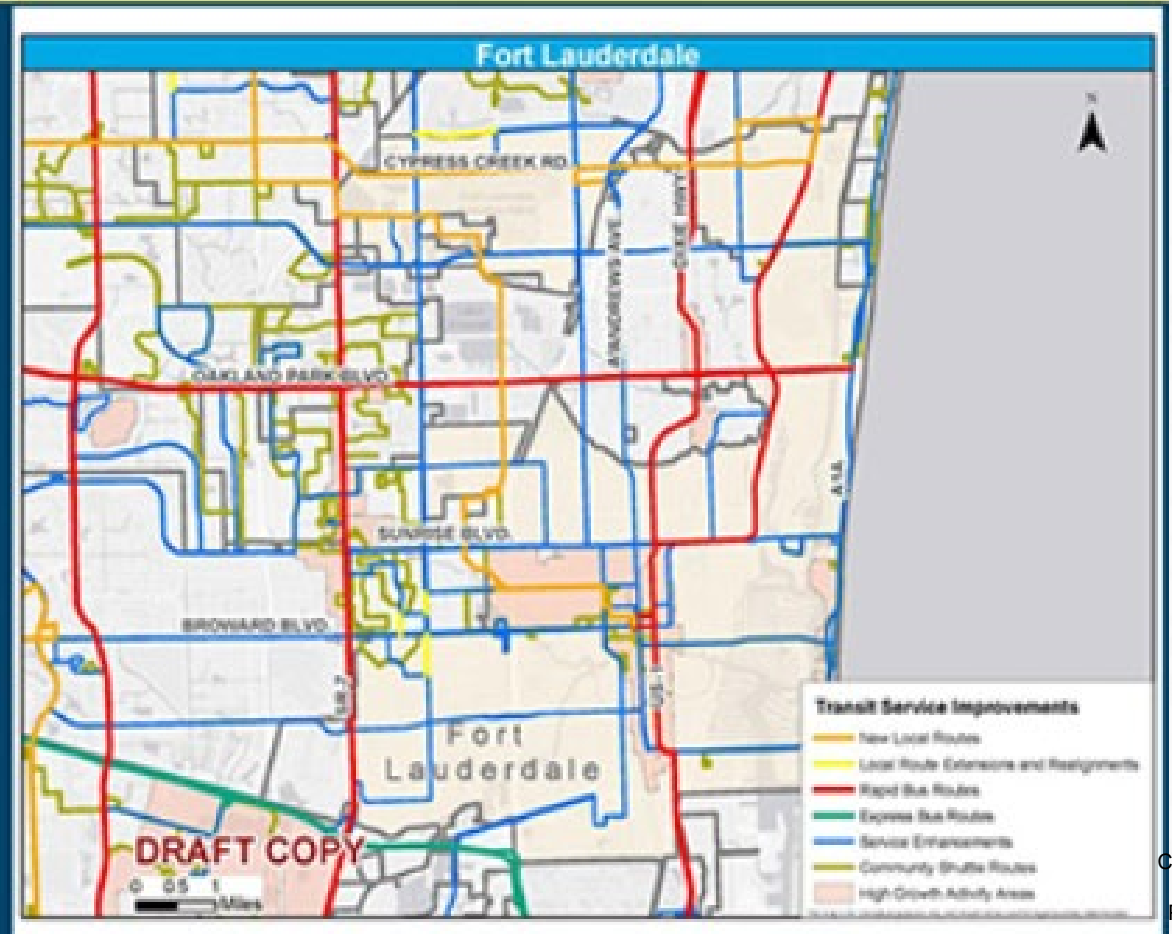
★ City Projects

- Intersection improvements
- Bridge improvements
- Roadway improvements
- Safety improvements
- School zone safety improvement
- Bike lanes
- Sidewalks
- Street lighting

# Transit Service Improvements

## Fort Lauderdale

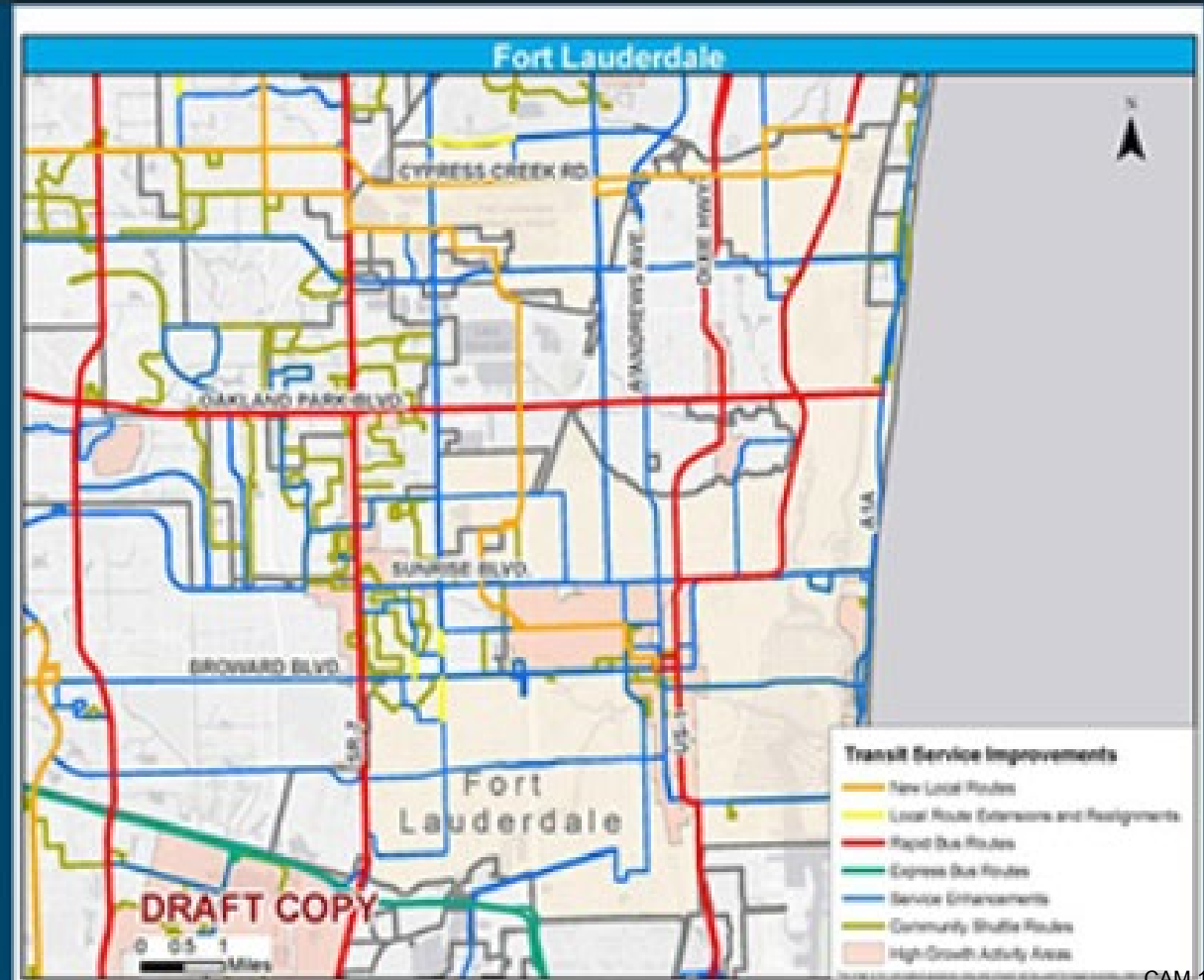
- 100% funding for capital and operating of Fort Lauderdale Community Shuttle service (annually)
- Installation of new or replacement bus shelters throughout the City (2019-2048)
- Enhancement of BCT's Downtown Intermodal Terminal (by 2023)
- New Local Bus Route along McNab Rd./Cypress Creek Rd. (2022) and Griffin Rd. (2026)
- New Local Route Extension of Rt. 11 north-south along Rock Island Rd. to Wiles Rd. (2020)
- Rapid Bus service along SR 7/US 441 (2021)
- Rapid Bus service along US 1 (south of downtown to Aventura, north of downtown to Sample Rd.) (2027)
- Rapid Bus service along Oakland Park Blvd. (2024)
- Rapid Bus service along Dixie Highway (2039)





# Fort Lauderdale (cont.)

- Headway/Schedule improvements to existing local bus routes (2019-2029):
  - 1 (US 1)
  - 6 (County Line Rd./Dixie Highway/Downtown)
  - 9 (Young Circle to Brow. Ctr. Terminal)
  - 10 (US 1)
  - 11 (Las Olas Blvd./A1A)
  - 14 (Powerline Rd.)
  - 18 (SR 7/US 441)
  - 20 (Broward Health North/Downtown)
  - 22 (Broward Blvd./Sawgrass Mall)
  - 30 (Peters Rd./Davie Blvd.)
  - 31 (Lyons Rd.)
  - 36 (Sunrise Blvd.)
  - 40 (NW 6<sup>th</sup>/MLK Blvd.)
  - 50 (Dixie Highway)
  - 55 (Commercial Blvd.)
  - 60 (Andrews Ave./Hammondville Dr.)
  - 72 (Oakland Park Blvd.)
  - 81 (Laud. Mall to Downtown Ft. Laud.)



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Exhibit 1

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# 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





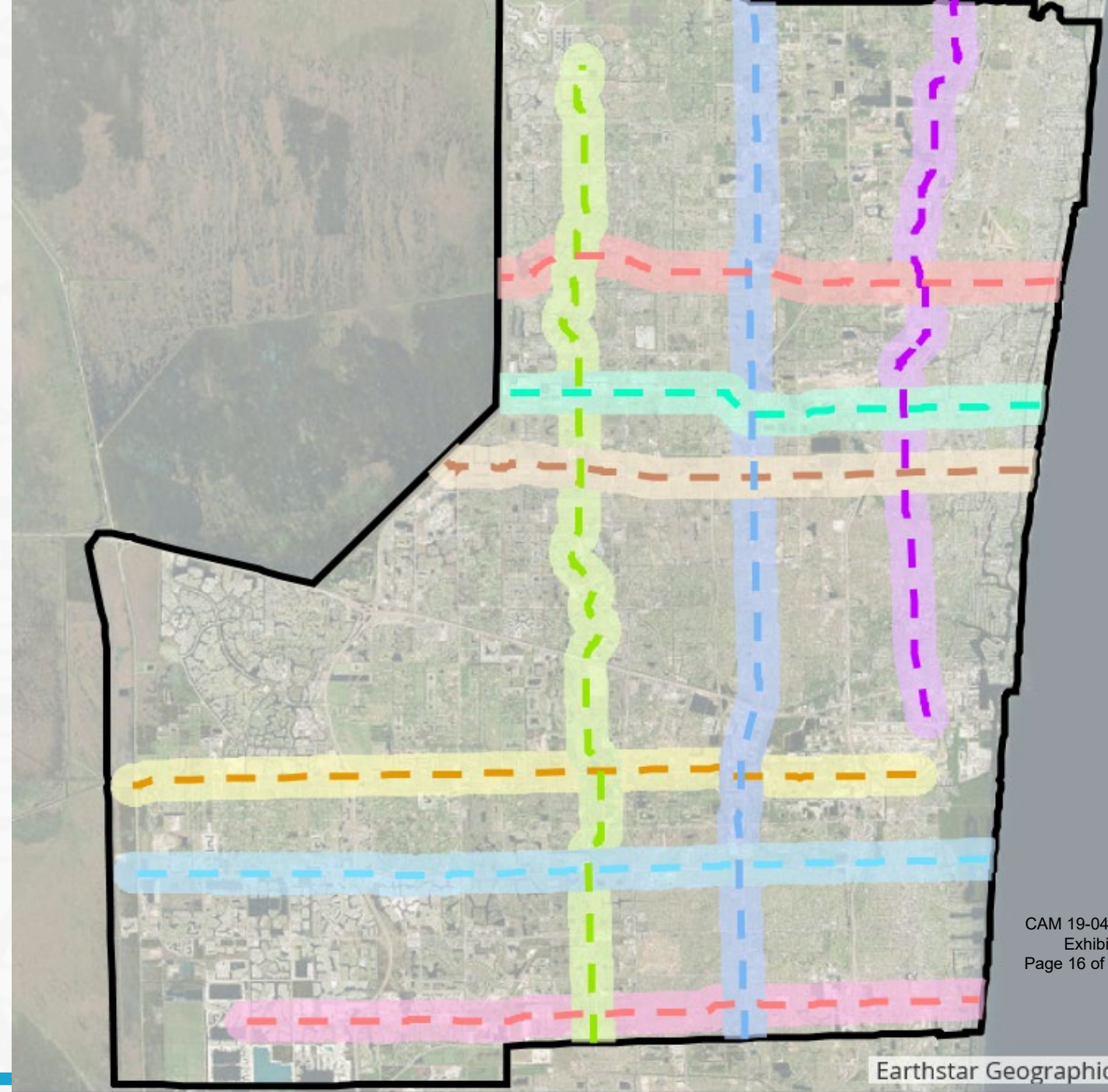
# Breaking Down Long-Standing Silos – Corridor Delivery

- 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





# 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

