

# **COLLIER METROPOLITAN PLANNING ORGANIZATION (MPO)**

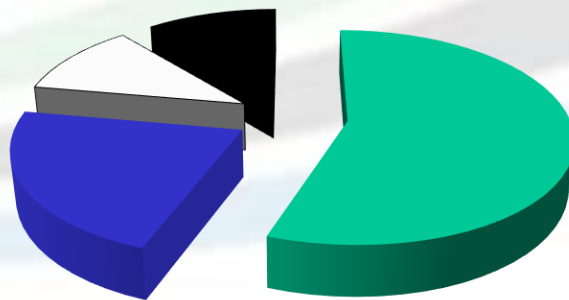
**LONG RANGE TRANSPORTATION  
PLANNING CONCEPTS, EASTERN  
COLLIER COUNTY**

# What is the Transportation Planning Process?

- FDOT has direct oversight; MPO Handbook establishes annual product deliverable schedule
- FHWA/FTA conduct MPO Certification Reviews of larger MPOs (200,000+ population) every 4 years
- **Continuing, Cooperative, & Comprehensive (3-C)**
- Highly regulated and rigorous in terms of public involvement and “transparency,” data-driven analysis, & reporting on national performance measures, state and local targets

# Collier MPO Composition

- Board Representation:
  - Collier County Five Members
  - City of Naples Two Members
  - City of Marco Island One Member
  - City of Everglades City One Member



- Collier County
- City of Naples
- City of Marco Island
- City of Everglades City

# MPO Documents



## Unified Planning Work Program

- MPO's Operating Budget

## Long Range Transportation Plan

- Collaboratively Developed Multi-Modal Transportation Plan
- Horizon Year is 20 years out

## Transportation Improvement Program

- State and Federally Funded Projects within the MPO area.
- 5-years out

# Long Range Transportation Plan (LRTP)

- Adopted every 5 years
- Required to receive Federal & State transportation funding
- Forecasts future growth
- Identifies the current transportation system
- Forecasts future transportation needs
- Identifies available revenues
- Selects financially feasible projects to best meet future demands, **address performance measures and targets**
- **2045 update expected to begin January 2019**
- **Must be adopted by December 11, 2020**



# 2045 “Givens”

## BEBR MEDIUM POPULATION PROJECTIONS\

- ❑ From 360,000 in 2017 to 520,000 2045

## FDOT REVENUE PROJECTIONS (Capacity Projects)

- ❑ \$776.35 million

## STATEWIDE TRENDS (FDOT)

- ❑ Increasing population, congestion, VMTs
- ❑ Decreasing transit ridership
- ❑ Fatalities and serious injuries increasing

## FDOT PLANS – SIS and FREIGHT

# FDOT SIS Cost Feasible 2029-2045



- SR 29 ROW (blue) & Preliminary Engineering (purple)
- I-75 Preliminary Design & Environment – managed lanes study, FDOT





# Crystal Ball Gazing - 2045 LRTP

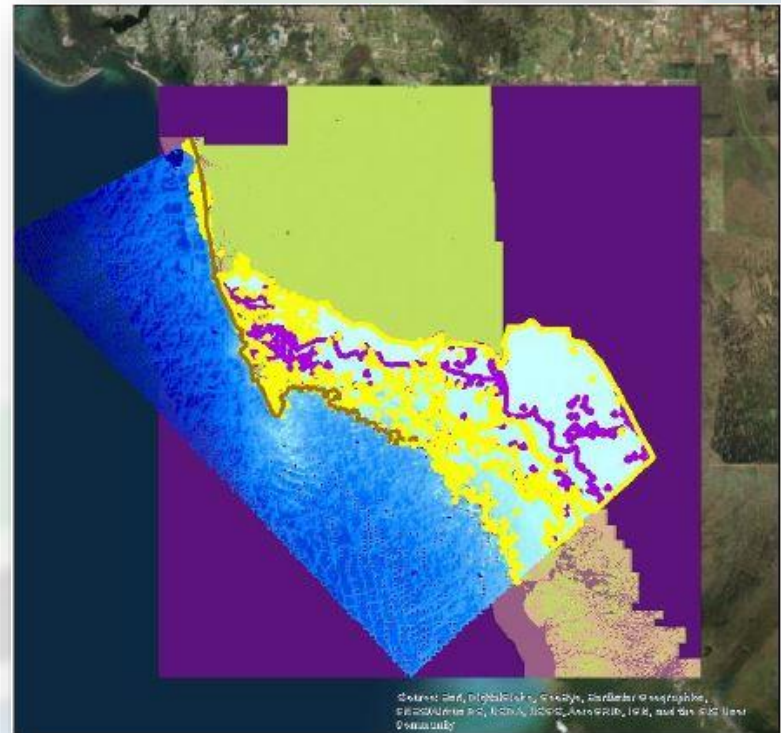
## ❑ AUTOMATED, CONNECTED, ELECTRIC & SHARED USE VEHICLES (ACES)

*“Florida MPOs are dealing with an unprecedented amount of change as they plan for their transportation needs between now and 2045. Within their next planning horizon, MPOs need to decide how best to address the increasing deployment of ACES and complementary technologies.”*

*FDOT office of Policy Planning, May 2018*

# NOAA Funded Sea Level Rise Study

- Collier County, Naples, Marco Island and Everglades City
- 3-year Study
- 2020 Completion
- Web-based Tool
  - Sea Level Rise
  - Coastal Inundation
  - Adaptation Plans



# Scenario Testing

- Impact of ACES Technology
- Land Use Alternatives, Density/Mixed-Use
- Bus Rapid Transit Corridors, TODs
- Multimodal Hubs
- Travel Demand Management
- Grade Separated Intersections
- Diverging Diamond, Continuous Flow Intersections and “Super Streets”



# WHERE IS MAJORITY OF THE GROWTH HEADING?

ita Springs

Golden Gate

75

## EASTERN COLLIER COUNTY

Collier  
Collier County

Marco Island

Image © 2018 TerraMetrics  
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Data SIO, NOAA, U.S. Navy, NGA, GEBCO  
Image Landsat / Copernicus

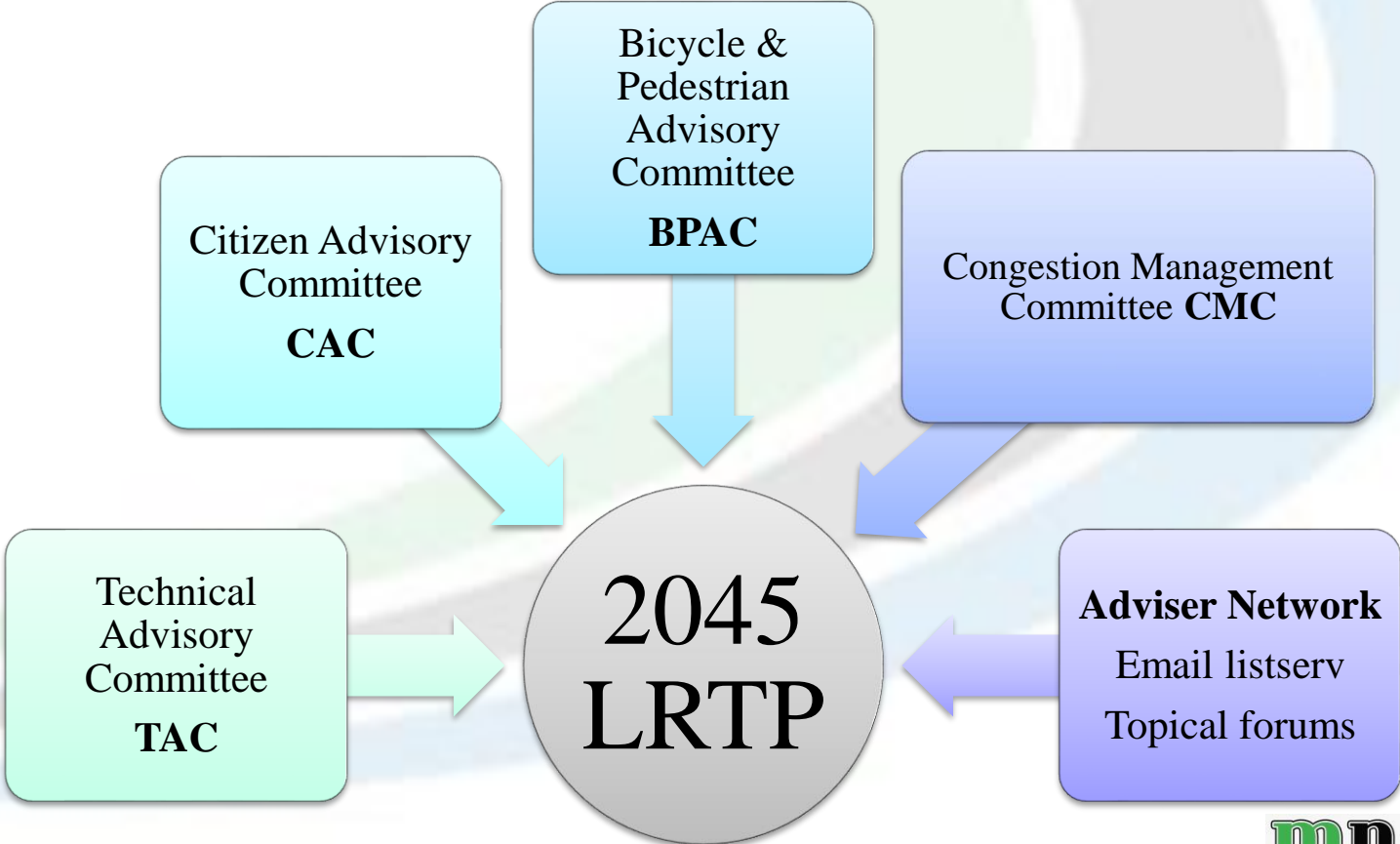
# Where Do We Start?

- ❑ 2040 LRTP COST FEASIBLE PLAN
- ❑ LRTP AMENDMENT added back into 2040 LRTP Cost Feasible Plan
  - Vanderbilt Beach Rd Extension to 16<sup>TH</sup> St NE
  - Funding for Preliminary Design and Environmental Mitigation for outcome of Randall Blvd/Oil Well Rd Corridor Study
- ❑ TRANSPORTATION IMPROVEMENT PROGRAM (TIP)
- ❑ BICYCLE & PEDESTRIAN MASTER PLAN (Fall 2018)
- ❑ TRANSIT DEVELOPMENT PLAN
- ❑ APPROVED CITY/COUNTY PLANS
  - Zoning, approved Master Plans
  - City Comprehensive Plans
  - County Growth Management Plan





# Join the MPO Adviser Network





## Comments and Questions

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# 2040 LRTP AMENDMENT - COST FEASIBLE – LANES

Green = 3 lanes each direction; Blue = 2 lanes each direction

