

# Transportation Funding Initiative



City of Belle Isle  
March 29, 2022

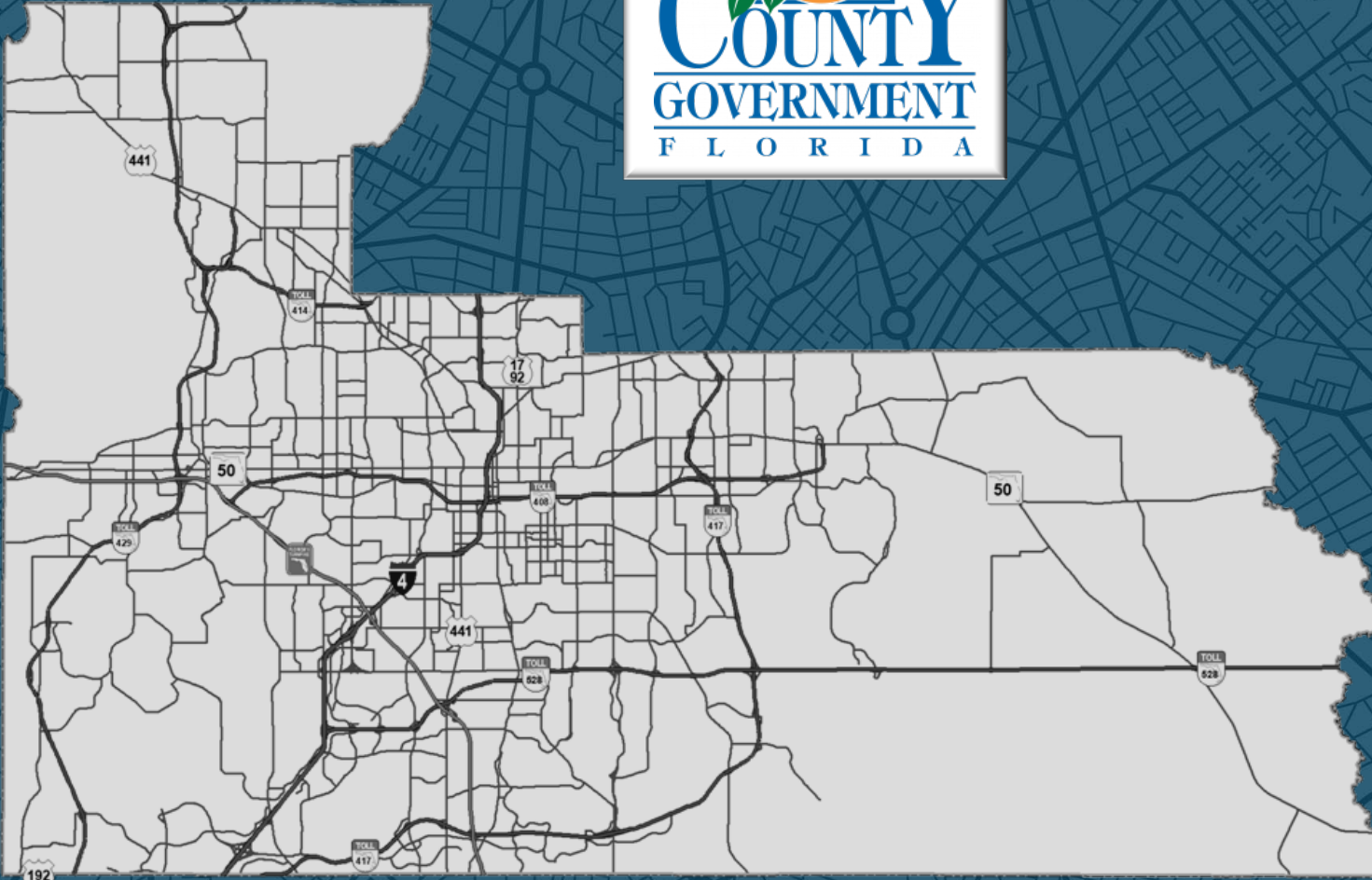


# Presentation Outline

- Introduction
- Transportation Needs List/Plan
- Revenue and Allocation
- Transparency and Accountability Provisions
- Summary
- Question and Comments

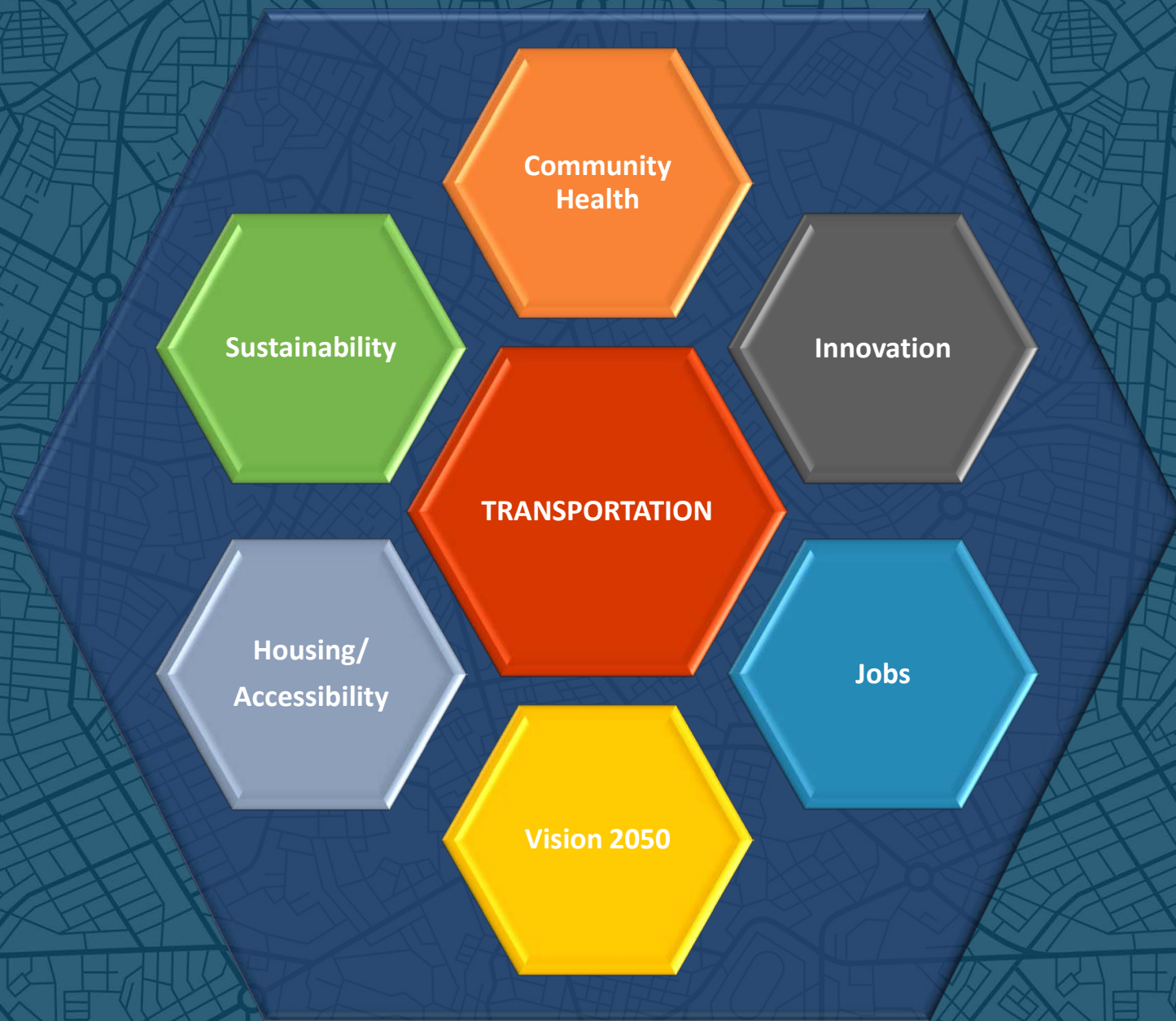






- Population: 1.43M  
(25% increase from 2010)
- 5<sup>th</sup> largest population in the state of Florida
- Land Area: Nearly 1,000 square miles
- 13 municipalities
- Residents living and working in Orange County: 87%







# Community Re-Engagement Results

- 250 Meetings/“Touch Points”
- Approximately 10,000 Participants
- An estimated 6,300 comments and recommendations
- Nearly 16,000 surveys completed

## TRANSPORTATION OPEN HOUSE MEETINGS





# Survey Results - Key Findings

## *Current transportation challenges:*

- Traffic Congestion
- Cost of Commute
- Bicycle & Pedestrian Safety
- Transit Needs





# Survey Results - Key Findings

## *Top priorities for improving transportation in Orange County:*

- **Building a Mass Transit System**  
(to include buses, trains and other modes of transportation)
- **Maintaining and repairing existing roads**
- **Increasing use of new technologies to improve transportation efficiency and safety**
- **Increasing pedestrian safety**
- **Improving traffic signal timing**
- **Improving SunRail System**
- **Widening existing roads**





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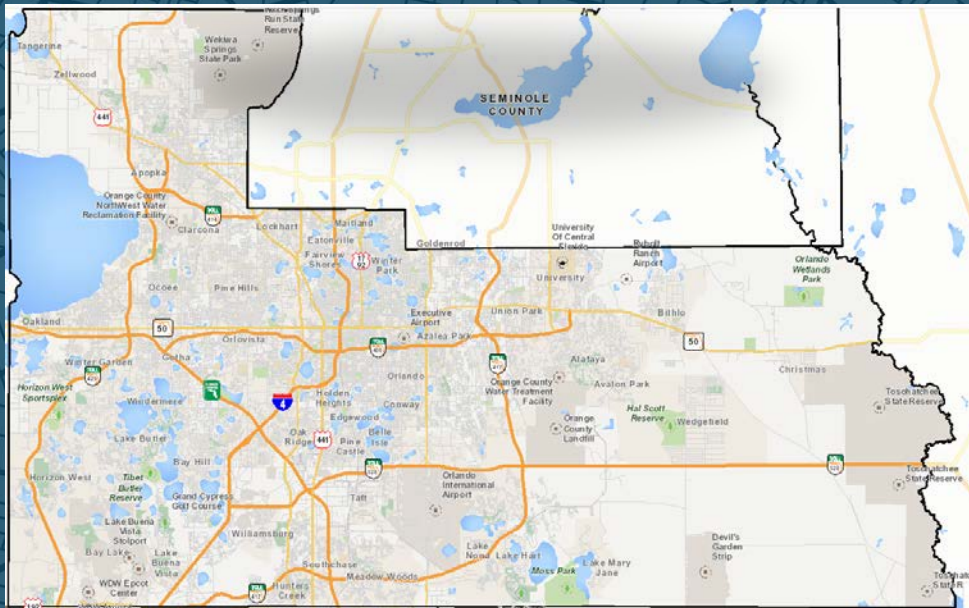




# Public Transit in Central Florida

# Orange County

- **1.43M Residents**
- **Over 1,000 sq. miles in land area**
- **75M guests annually**



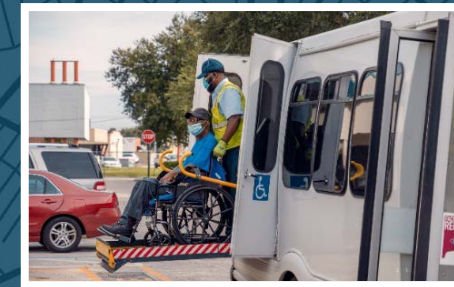
## Bus

- 55 bus routes
- 6 NeighborLink (flexible shared ride zones)
- 244 buses
- 20M passenger trips annually



# Paratransit

- **Over 42K passengers trips per month**
- **128 vehicles**



## Rail

- 8 stations
- 34 train trips per day
- Over 36k passengers trips per month

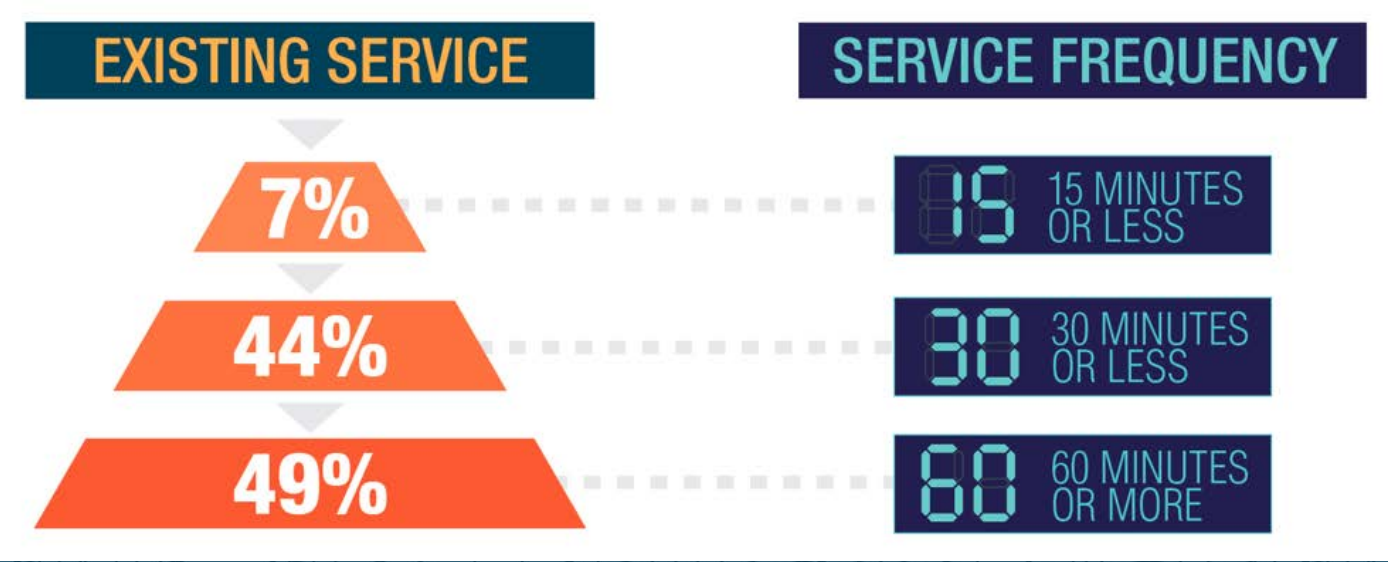




# Public Transit in Central Florida

## Service Challenges:

- Mostly local service – no express
- Long wait times between local buses
- Trips with a transfer require long waits between connections
- Inconsistent commute times
- Limited night and weekend service
- No Rail service on weekends





# OC Transit Plan – Enhanced Service

## Overall Bus Frequency Improvements

### MORE BUSES MORE OFTEN.

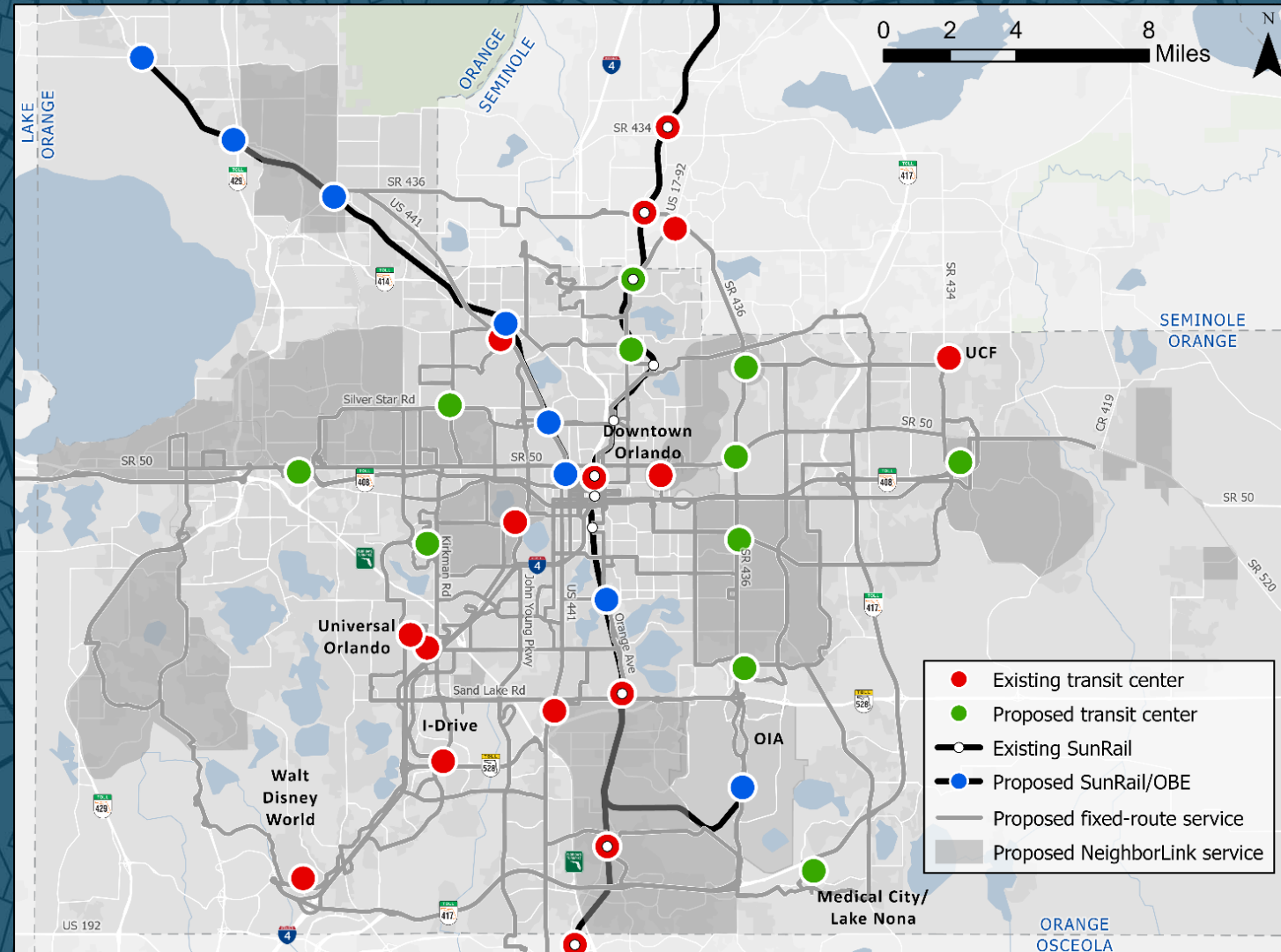




# Orange County Transit Plan

## Expanded Facilities

- Expanded Bus Fleet and Trains
- Expanded Transfer Centers
- Upgraded Passenger Amenities
- New High Capacity Transit & Complete Streets
- New Operations and Maintenance Facilities





# Transportation Plan/Improvements



**Safety**



**Major  
Roadway  
Improvements**



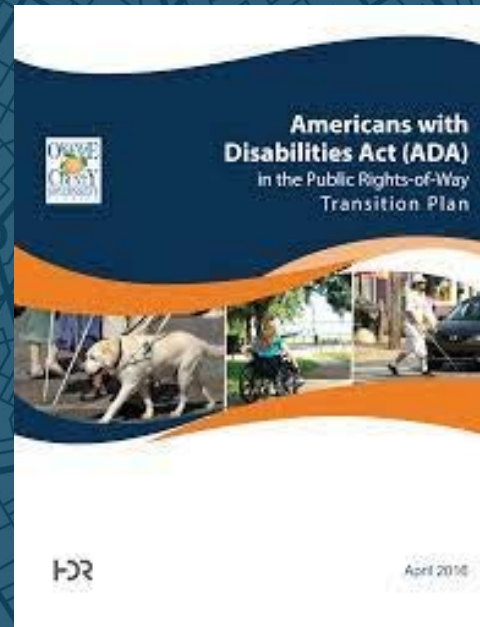
**Operations &  
Maintenance**



# Transportation Plan/Improvements

## Safety

- Pedestrians & Bicyclists
- ADA Barrier Mitigation
- Lighting
- Intersections
- Technology



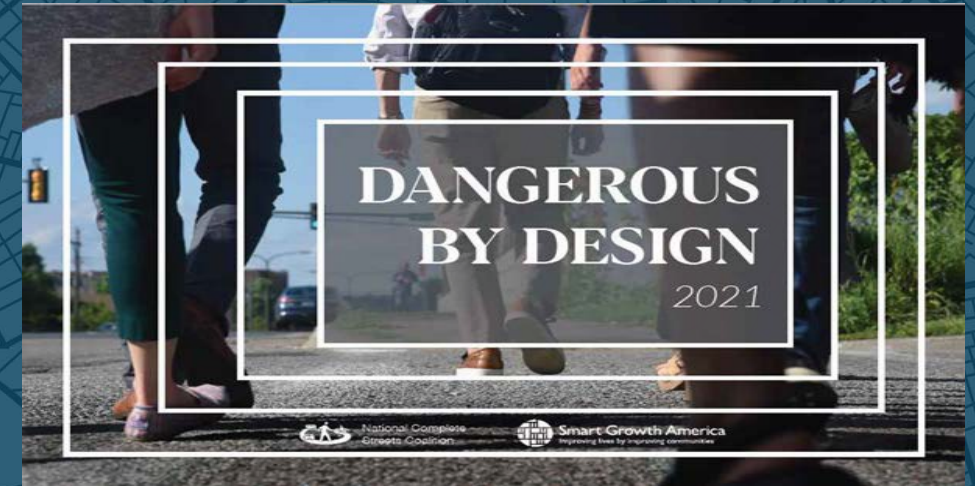


# Transportation Plan/Improvements

## *Safety - Pedestrian & Bicycle*

2017-2021

- 305 Pedestrian Fatalities
- 628 Pedestrian Injuries
- 44 Bicyclist Fatalities
- 293 Injuries



The 2010 – 2019 Pedestrian Danger Index scores rank the Orlando- Kissimmee-Sanford area as the Most Dangerous Metropolitan Area for Pedestrians with an average annual pedestrian fatalities of 3 per 100,000 people.



# Transportation Plan/Improvements

## Safety

SAFETY IMPROVEMENTS	PROJECTED COST
<b>Funded Safety Projects</b>	<b>\$99,500,000</b>
Bicycle, Pedestrian, and ADA Compliance	\$33,600,000
Lighting Retrofit Program	\$0
Intersection and Complete Street Safety Projects	\$46,100,000
Technology	\$19,800,000
<b>Unfunded Safety Projects</b>	<b>\$1,674,800,000</b>
Bicycle, Pedestrian, and ADA Compliance	\$364,900,000
Lighting Retrofit Program	\$89,700,000
Vehicle Crash-Based Safety Projects	\$145,900,000
Intersection and Complete Street Safety Projects	\$749,100,000
Technology Improvements	\$325,200,000
<b>Total Projected County Program Cost (20 Years)</b>	<b>\$1,774,300,000</b>



# Transportation Plan/Improvements

## *Major Roadways Improvements*

- New and Widened Roadways
  - Provide Network Connections
  - Alleviate Traffic Congestion





# Transportation Plan/Improvements

## *Major Roadway Improvements*

MAJOR ROADWAY IMPROVEMENTS	PROJECTED COST
<b>Funded Major Roadway Improvements (5-Year CIP)</b>	<b>\$701,300,000</b>
Funded Projects	\$484,900,000
Partially Funded Projects (5-Year CIP Funded Portion Only)	\$118,000,000
Partnership Projects (Includes Developer and County Funding)	\$98,400,000
<b>Unfunded Major Roadway Improvements Funding Needs</b>	<b>\$3,100,500,000</b>
Major Roadway Projects (Analysis Identified)	\$1,759,100,000
Major Roadway Partnership Projects (Analysis Identified)	\$1,071,400,000
Partially Funded Projects (Future Years in 5-Year CIP)	\$186,900,000
Bridge Reconstruction Projects (County Identified)	\$83,100,000
<b>Total Projected County Cost (20 Years)</b>	<b>\$3,801,800,000</b>



# Transportation Plan/Improvements

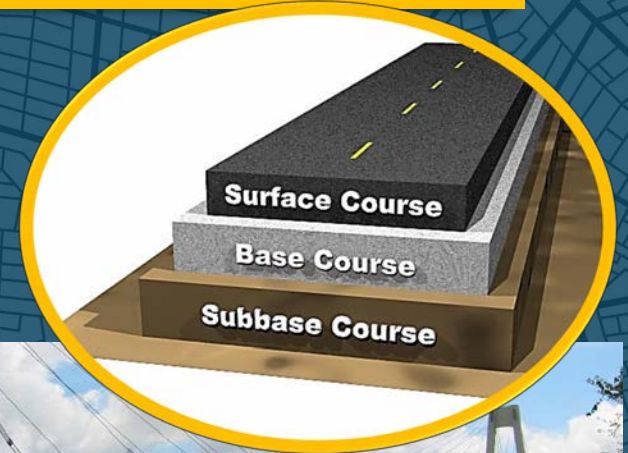
## Operations & Maintenance Program

Cost - \$1,592,500,000

- Maintain 2,700 Miles of Roadways
- Increased Frequency Of Roadway Resurfacing to Every 10 Years
- Enhanced Drainage/Pond Maintenance to Prevent Flooding
- Bridge Repair
- Landscaping



Resurfacing

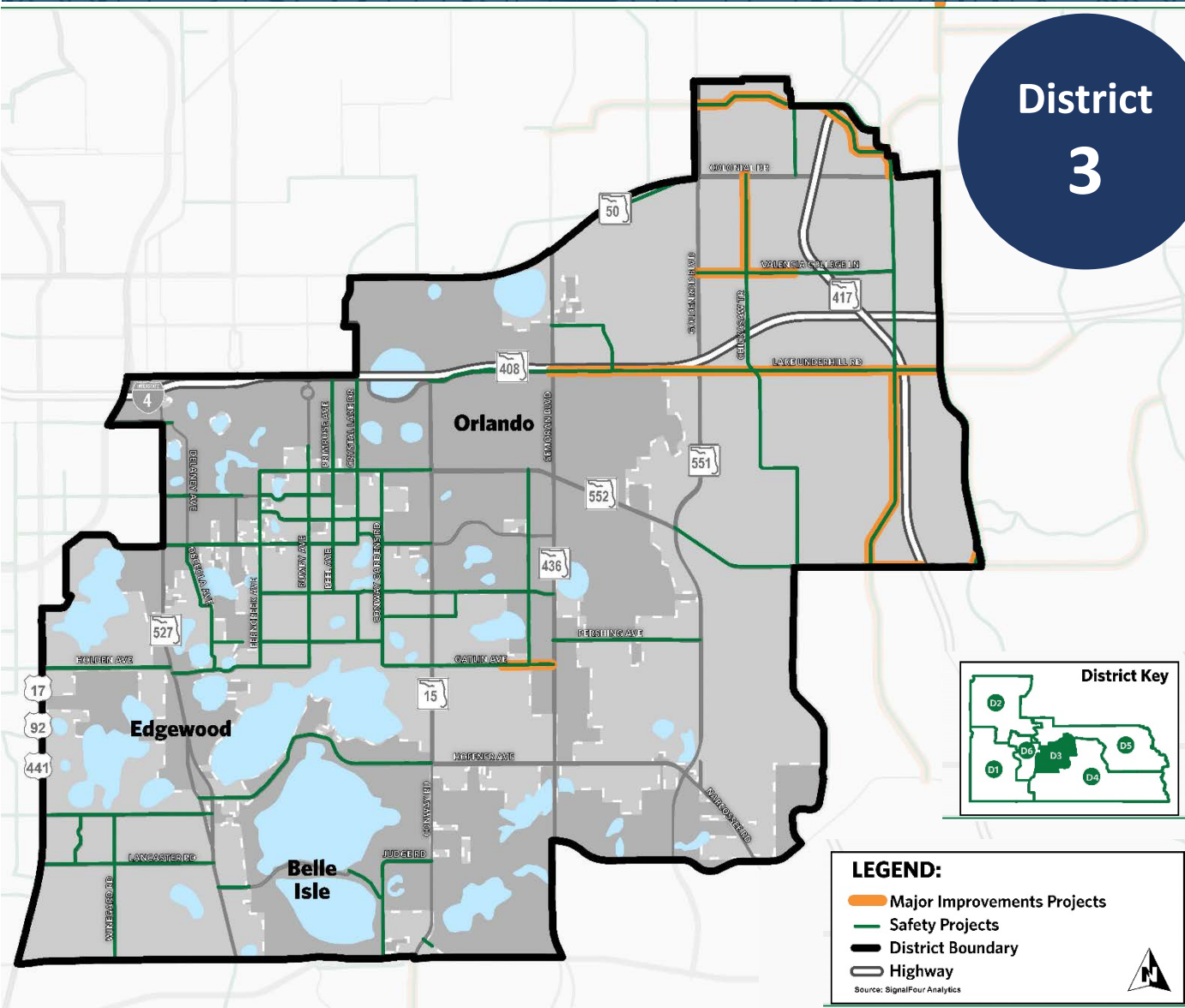


Bridge Maintenance



# Transportation Plan/Improvements

## Sample Projects in District 3



- Major Roadway Improvement
  - Gatlin Avenue from Kennedy Ave to Semoran Blvd
  - Econlockhatchee Trail from Curry Ford Road to Lake Underhill Road Drive
- Intersections / Complete Streets
  - Dixie Belle Drive from Gatlin Ave to Lake Margaret Drive
  - Fern Creek Ave from Michigan Street to Gatlin Ave

\*Cities Projects would in addition to County Projects



# Transportation Plan/Improvements

## Implementation Prioritization

- Consistent with MetroPlan Orlando
- Focus on Continuity
  - Finish Ongoing / Incomplete Projects
  - Safety – Crash Mitigation
  - Safety – Technology and Increased Traffic
  - Major Roadway Planning
  - Major Roadway Construction

MetroPlan Orlando MTP 2045 (Table 6.2)

Goal Area	Evaluation Criteria
Safety & Security	Crash Rate
	Fatal & Serious Injury Crash Rates
	Number of Pedestrian & Bicycle Crashes
	Evacuation Route Designation
Reliability & Performance	Travel Time Reliability (Auto)
	Unreliability on Constrained Corridor
	Fiber Optic Presence
	Segment Actively Monitored/Managed
	Relative Change: Future Congested Speeds
Access & Connectivity	Transit System Headways
	Population: ½ Mile of Non-Transit Corridor
	Jobs: ½ Mile of Non-Transit Corridor
	Food & Healthcare Locations: ½ Mile of Corridor
	Cultural & Recreational Locations: ½ of Corridor
	Centrality Analysis Score (Critical Sidewalk Need)
Health & Environment	Bicycle Level of Traffic Stress
	Residential Density: ¼ Mile of Multimodal Facility
	Non-Residential Density: ¼ Mile of Multimodal Facility
	Public Health Indicator Rates
	Intensity & Proximity: Environmental Justice Populations
	Relative Change: Vehicle Miles Traveled
Investment & Economy	Percentage of Commercial Vehicle Traffic
	Statewide Truck Bottlenecks
	Intensity & Proximity: Freight Intensive Land Uses
	Relative Change: Vehicle Hours Traveled
	Cost Burdened Households: ¼ Mile of Corridor
	Percentage of Visitor Traffic
	Cost of Congestion



# Transportation Needs - Municipalities



MUNICIPALITY	PROJECTED COST (2021)
City of Apopka	\$121,900,000*
City of Belle Isle	\$1,600,000
Town of Eatonville	\$300,000*
City of Edgewood	\$24,000,000
City of Maitland	\$141,300,000
Town of Oakland	\$17,500,000
City of Ocoee	\$130,000,000
City of Orlando	\$1,221,000,000
Town of Windermere	\$30,300,000
City of Winter Garden	\$42,900,000
City of Winter Park	\$68,800,000
<b>Total Projected Municipal Program Cost (20 Years)</b>	<b>\$1,799,700,000</b>

\*2019 estimated project cost



# Summary – County's List

- 195 Miles of Intersection and Complete Street Safety Improvements
- 25 Miles of Pedestrian/Bicycle Safety Improvements
- 28 Intersection Safety Improvements
- County Technology Improvements
  - 40 Transportation Technology Projects
  - 80 New Traffic Signals
  - 203 New Mast Arm Upgrades
- 154 Miles of Major Roadway Improvements
- Increased Frequency of Roadway Resurfacing to every 10 years from 12-15





# Summary

## *Summary of Needs*

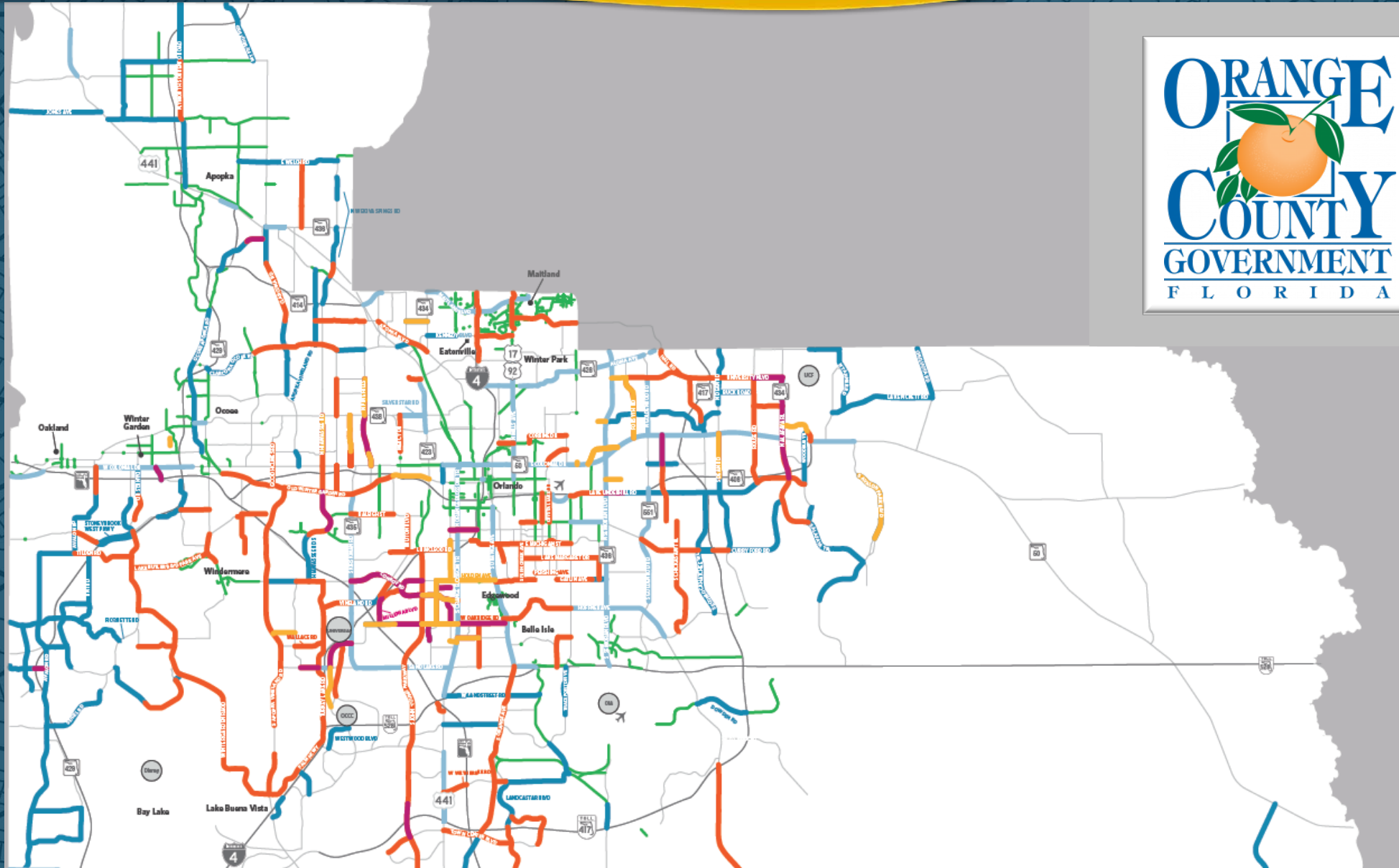
- County - \$7.2 Billion
- Transit - \$11.4 Billion\*
- Municipal - \$1.8 Billion
- Other Needs
  - Program Management - 4%

*Total Transportation Needs  
\$21 Billion over 20 Years*

\*Includes Federal, State and Local Revenues



# Transportation Plan/Improvements



**Bicycle &  
Pedestrian Safety  
Projects**

**Intersection  
Operational Safety  
Projects**

**Vehicle Safety  
Projects**

**Roadway Capacity  
Projects - County**

**Roadway Capacity  
Projects - State**

**Municipal Projects**



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# Statutory Framework

## Charter County and Regional Transportation System Surtax

§212.054 & §212.055(1), Florida Statutes

- Authorizes charter counties to levy a discretionary sales surtax of up to 1%
- Surtax proceeds can only be applied to transportation uses listed in the statute in whatever combination the county commission deems appropriate
- Requires creation of a trust fund within county accounts
- Surtax is subject to approval of the voters in a referendum held during a general election
- Ordinance required to levy surtax



# Statutory Framework

*§212.055(1)(4) permissible uses are:*

- Planning, development, construction, operation, and maintenance of roads & bridges in the county
- Planning, development, expansion, operation, and maintenance of bus and fixed guideway transportation systems, and on-demand transportation services; and
- Principal and interest on bonds



# Local Funding Options Per Year

\*County Sources

**Gas Tax\***

**\$45M**  
(\$25M if maximized)

**Impact  
Fees\***

**\$44M**

**Property  
Tax (1 mil)\***

**\$161M**

**Sales Tax**

**\$600M**



# Charter County and Regional Transportation System Surtax



**Non-residents/tourists pay over 51%**



**Estimated revenues generated - \$600M annually**



**Flexible use (Transportation, Capital, and O&M)**



**Applies to the first \$5,000 of sales**



**Would not apply to essential grocery items, prescription drugs, medical supplies and utilities**



# Charter County and Regional Transportation System Surtax



## PROJECTED REVENUES:

20 years = \$11.9 Billion

30 years = \$17.9 Billion

TOTAL TRANSPORTATION NEEDS = \$21 BILLION



# Funding Allocation

**45%**

## *Transit*

- LYNX
- SunRail
- High Capacity Corridors

**45%**

## *County*

- Roadways\*
- Safety
- Operations & Maintenance

**10%**

## *Cities*

- Roadways
- Safety
- Operations & Maintenance

\* Including County roads that run through cities



# Municipal Funding Allocation

**Total Estimated Proceeds (Annually) \$595,935,449**

		Original Proposal		Alternative Proposal	
	Population **	Distribution Percentages	County/Cities 10% Allocation	Distribution Percentages	Cities ONLY 10% Allocation
Orange County	876,910	63.27%	\$37,703,196	0	0
Orlando	291,800	21.05%	12,546,091	57.31%	\$34,155,053
Apopka	52,404	3.78%	2,253,137	10.29%	6,133,864
Belle Isle	7,365	0.53%	316,662	1.45%	862,070
Eatonville	2,348	0.17%	100,953	0.46%	274,832
Edgewood	2,717	0.20%	116,819	0.53%	318,024
Maitland	21,096	1.52%	907,033	4.14%	2,469,277
Oakland	3,365	0.24%	144,680	0.66%	393,872
Ocoee	47,580	3.43%	2,045,727	9.35%	5,569,217
Windermere	2,972	0.21%	127,783	0.58%	347,871
Winter Garden	47,245	3.41%	2,031,323	9.28%	5,530,005
Winter Park	30,239	2.18%	1,300,141	5.94%	3,539,461
<b>Total</b>	<b>1,386,041</b>	<b>100.00%</b>	<b>\$59,593,545</b>	<b>100.00%</b>	<b>\$59,593,545</b>

\* Source of total estimated proceeds: Office of Economic & Demographic Research, County and Municipal Revenue Estimates, FY 2019-20 Revenue Estimates, Local Discretionary Sales Surtaxes, 1st Revision, 8/21/19.

\*\* The source of the population data is the Bureau of Economic and Business Research at the University of Florida, as published on the Office of Economic & Demographic Research website, as of 04/01/2019. Population will be updated annually to determine distribution percentages.



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# Alternative Oversight Structure

## Technical Committee

- Multijurisdictional staff committee that meets regularly to discuss the status of projects submitted by each jurisdiction
- Reviews the approved projects list to ensure compatibility and coordination among jurisdictions
- Identifies opportunities for joint projects and project collaboration

## Citizens Oversight Board

- Citizen Board that ensures accountability and transparency in expenditure of sales tax proceeds (does not approve or prioritize projects)
- Ensures County, cities, LYNX, and other funding recipients are spending funds appropriately, timely, and in full compliance with all applicable laws.
- Requests/reviews audits of the transportation program by the Orange County Comptroller

## Board of County Commissioners

- Reviews and approves projects
- Consistent with Florida Statutes



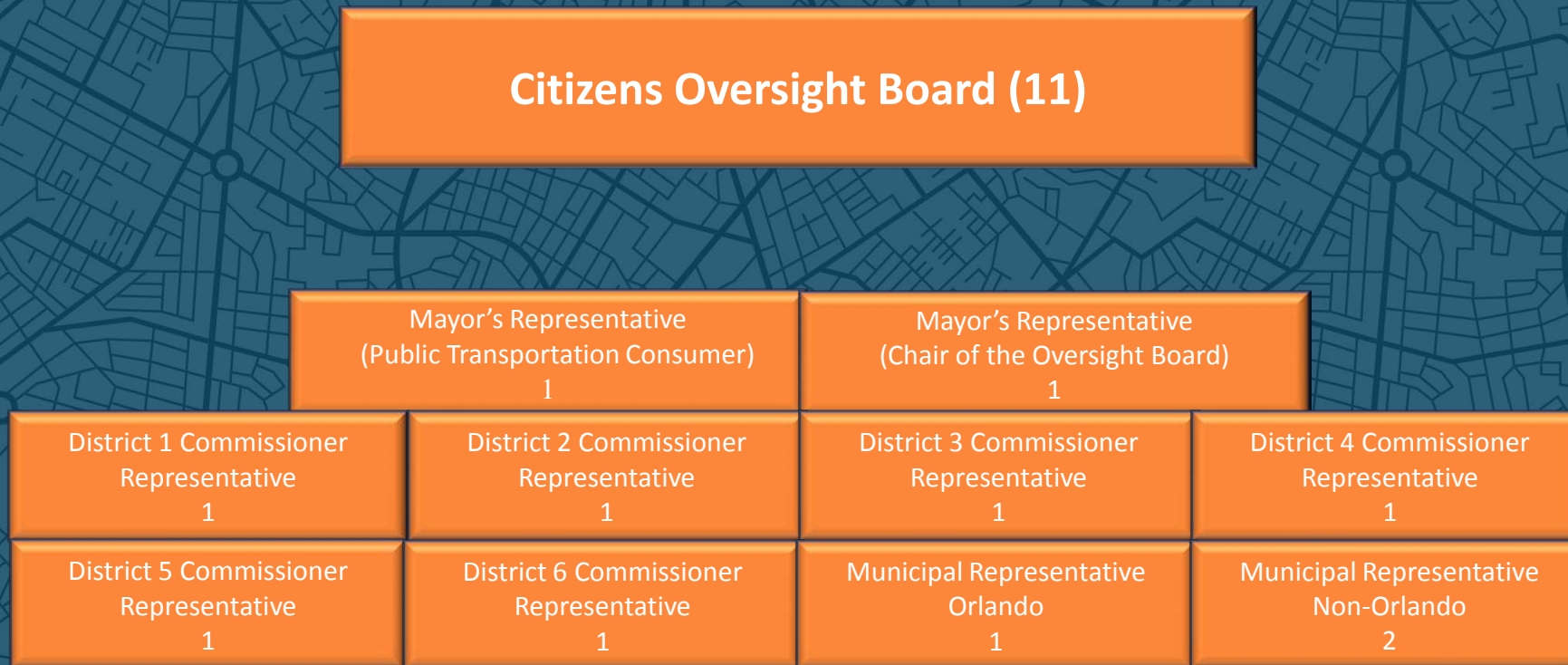
# Oversight Structure – Technical Committee

## Technical Committee (15)

Orange County 1	City of Orlando 1	FDOT 1	LYNX/SunRail 1	City of Apopka 1
City of Winter Garden 1	City of Ocoee 1	City of Winter Park 1	Town of Eatonville 1	Town of Oakland 1
City of Edgewood 1	Town of Windermere 1	City of Maitland 1	City of Belle Isle 1	Metroplan Orlando 1



# Oversight Structure – Citizens Oversight Board





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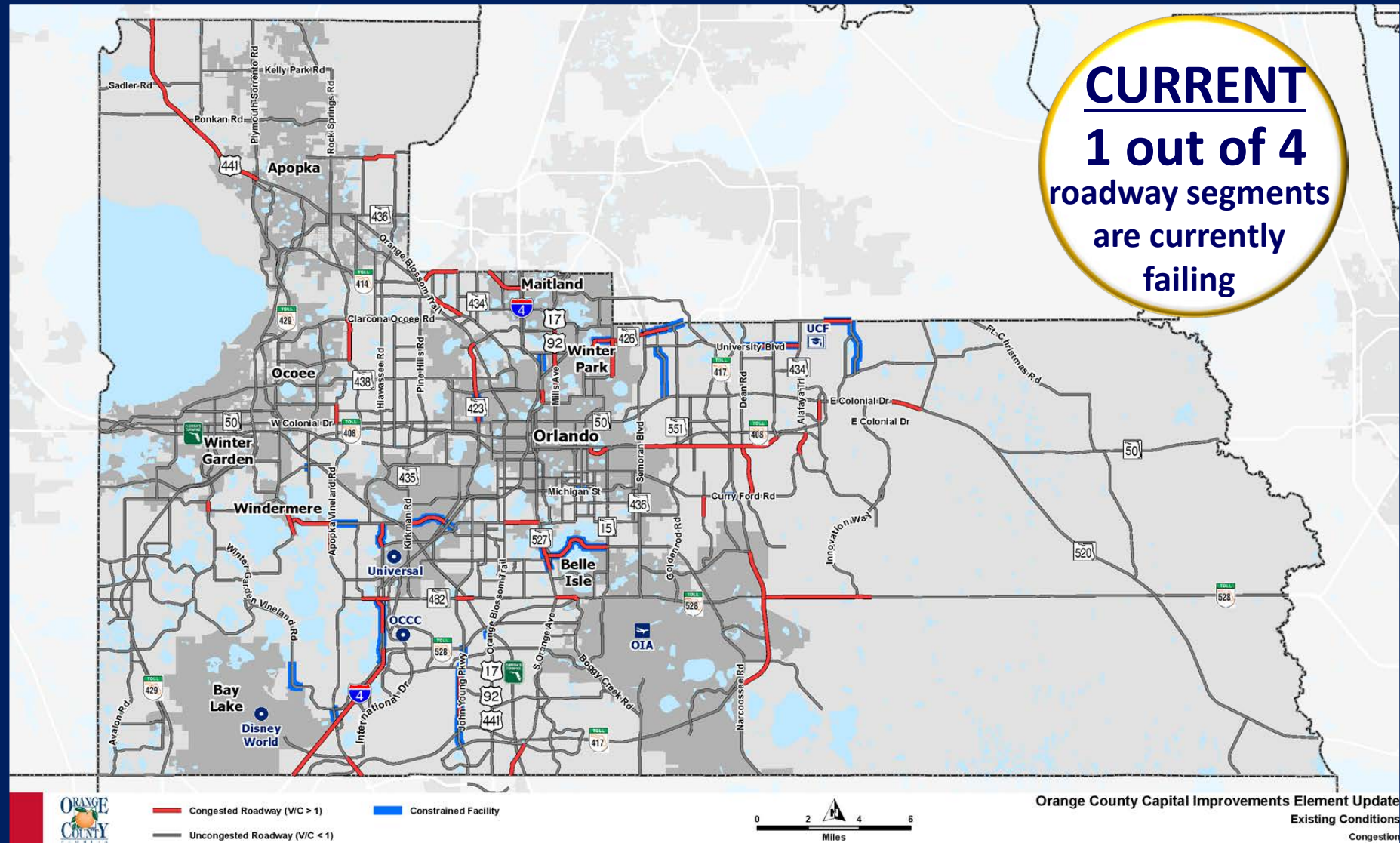
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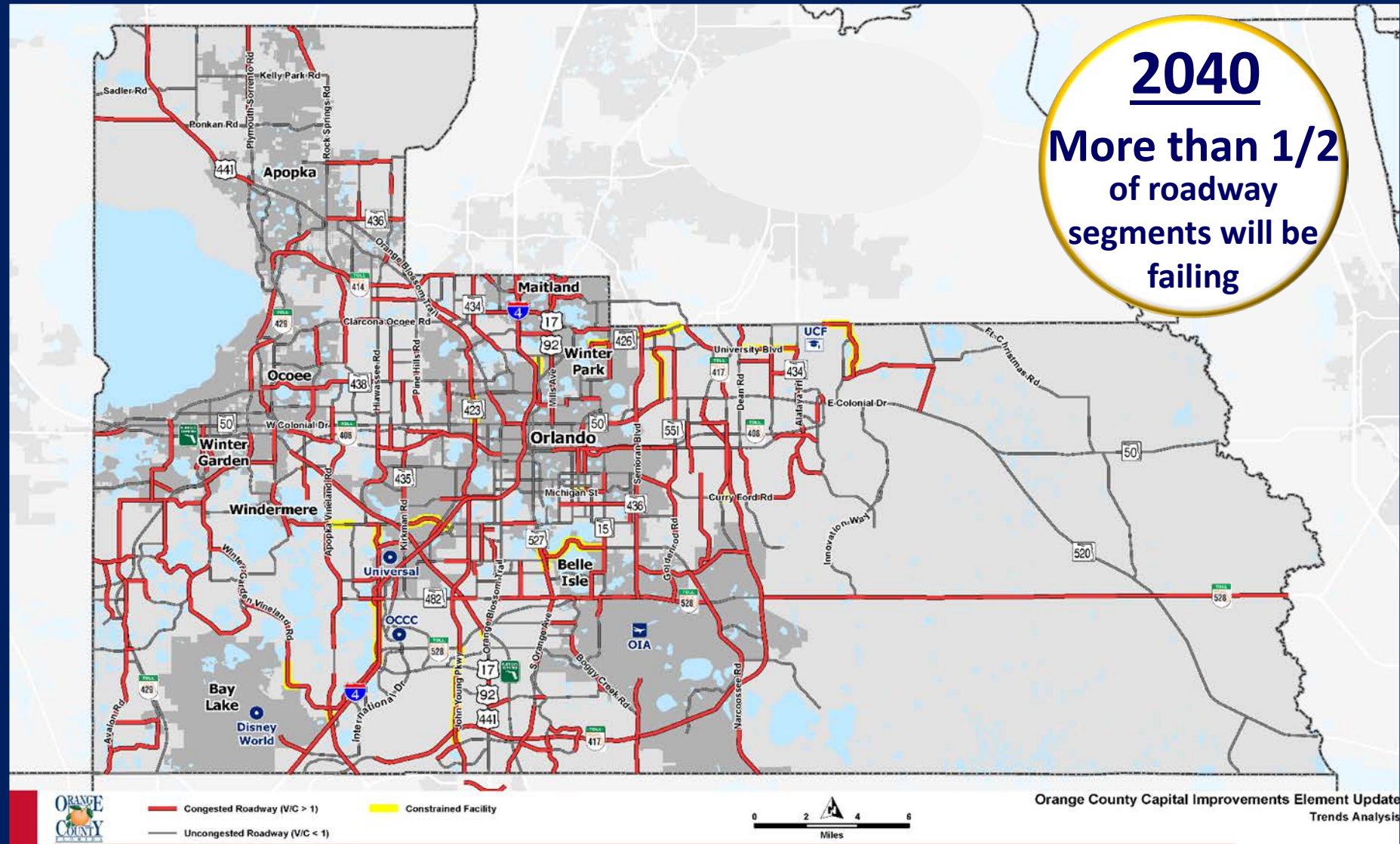
# Transportation Needs

**CURRENT**  
**1 out of 4**  
roadway segments  
are currently  
failing





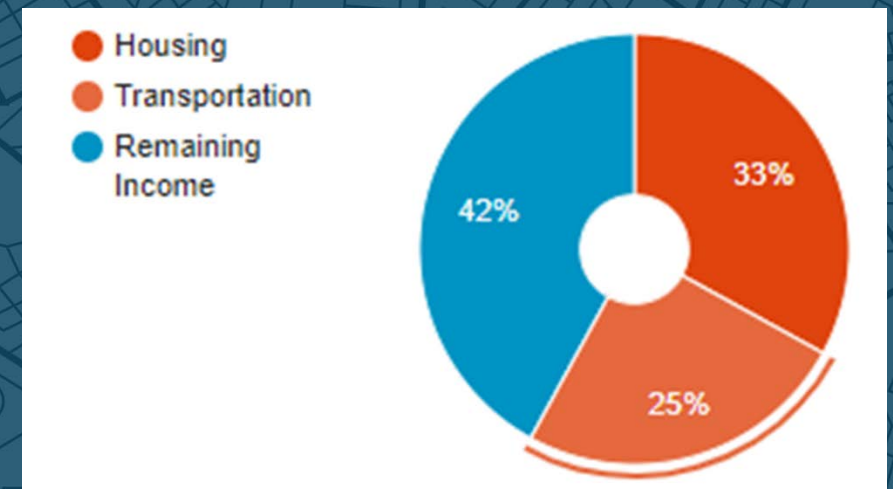
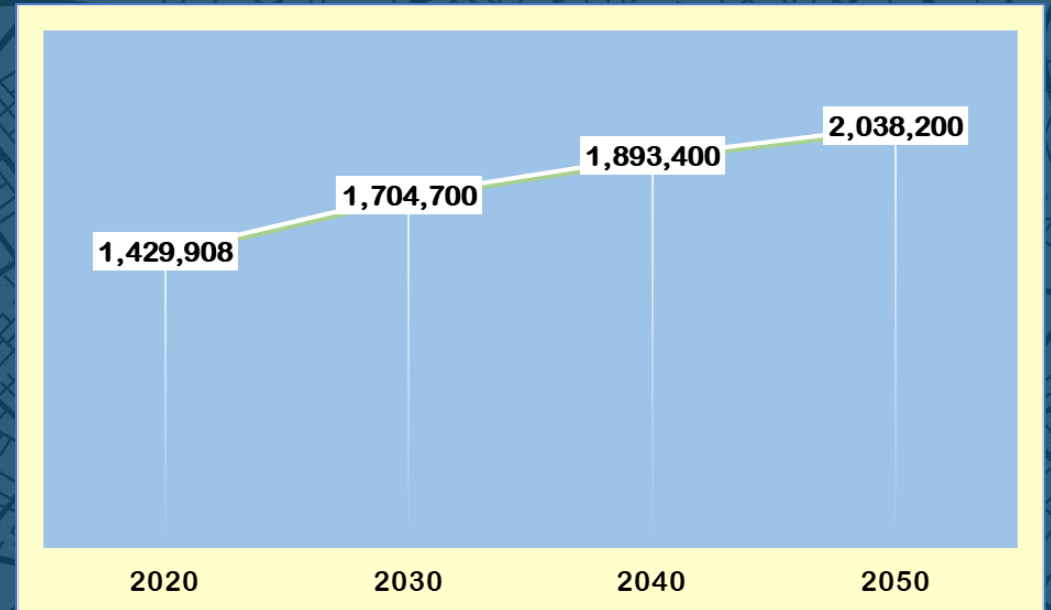
# Transportation Needs





# Current Trends

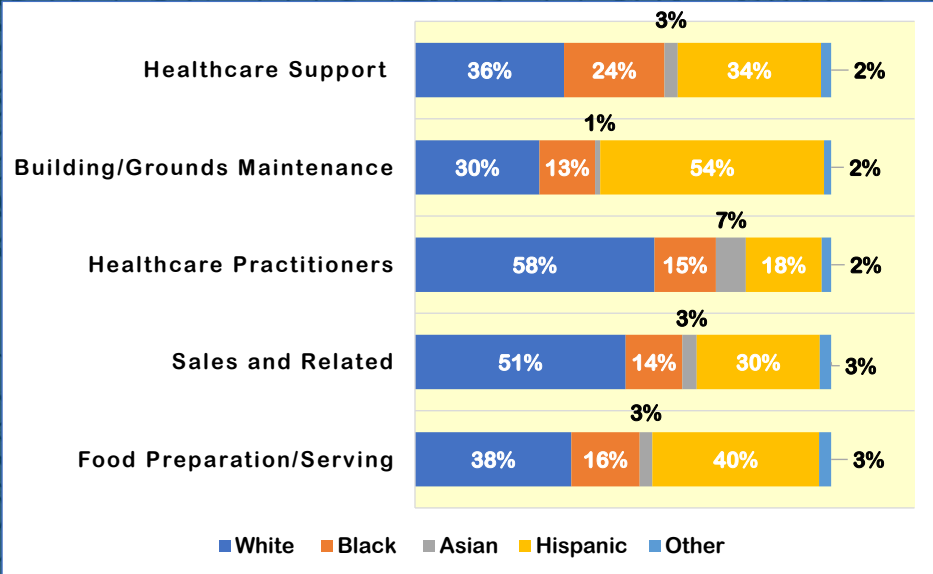
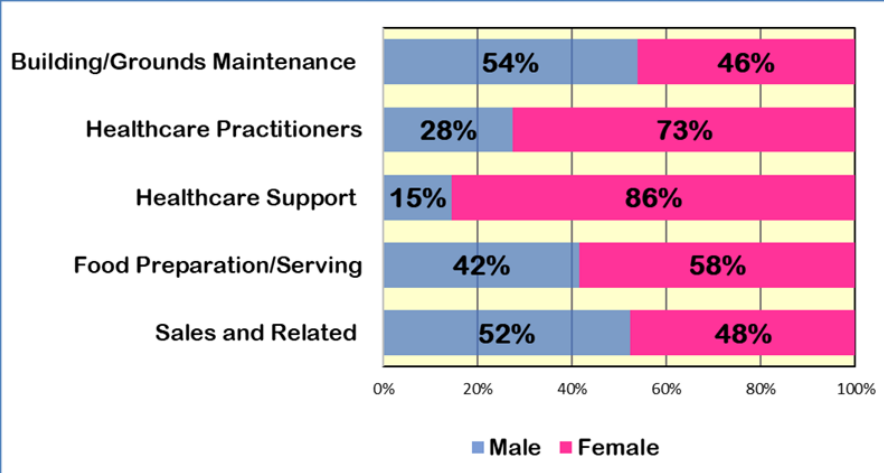
- High Population Growth Rate
- Orlando Metro Commuters spent 61 hrs. sitting in traffic in 2019
- Typical county household spends 25% of its budget on transportation





# Current Trends

- Bus transit ridership mainly comprised of Low-income service workers
- Workforce is overwhelmingly female and mostly comprised of people of color

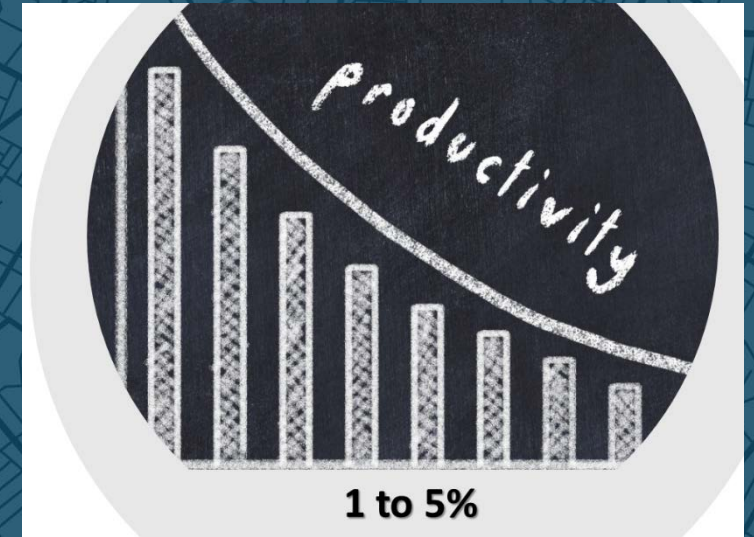




# Simulation Scenarios

## *Do Nothing Scenario Assumptions*

- Gradual Decrease in Worker Productivity
- Gradual Increase in Household Transportation Costs
- Gradual Increase in Freight Fuel Costs



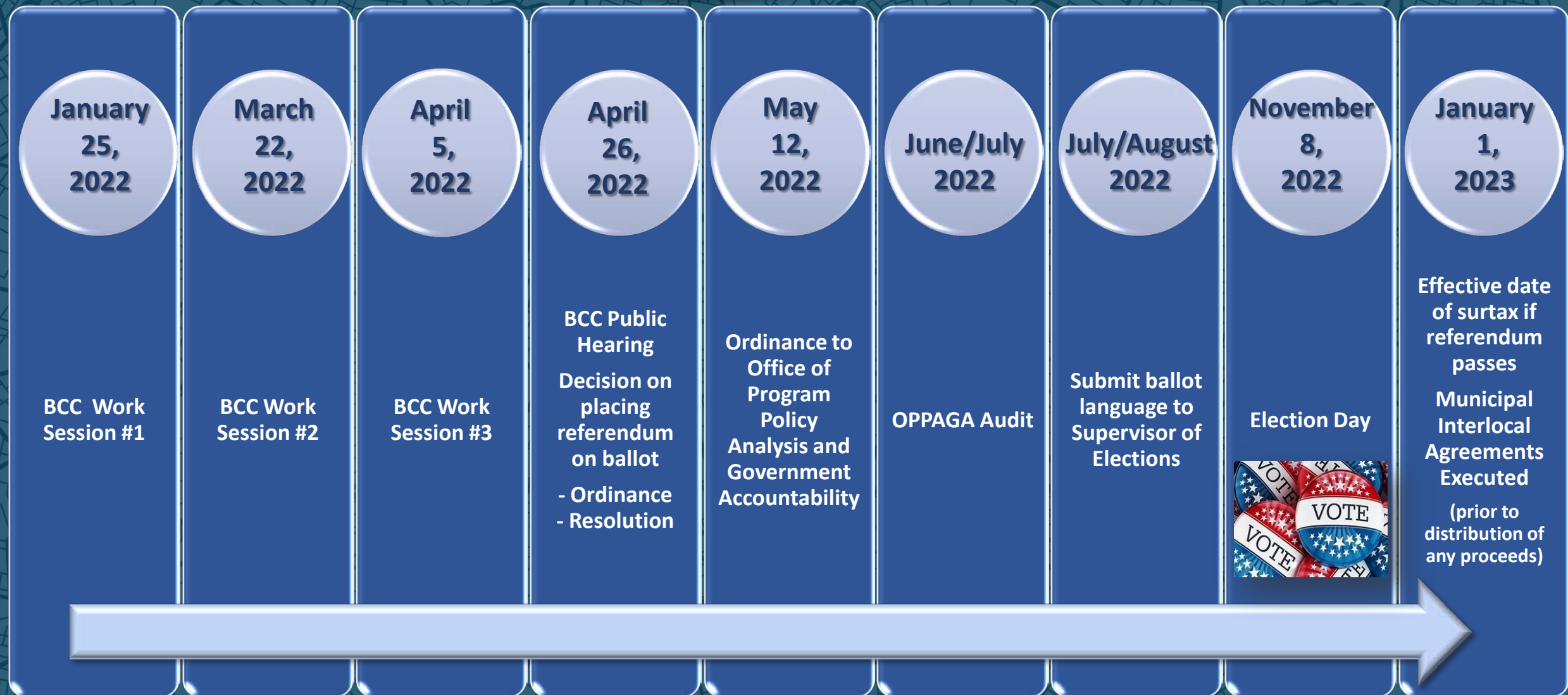
2 to 5%

Suzanne Kreiter/The Boston Globe via Getty Images

Source: East Central Florida Regional Planning Council



# Decision-Making Timeline





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## Question and Comments

