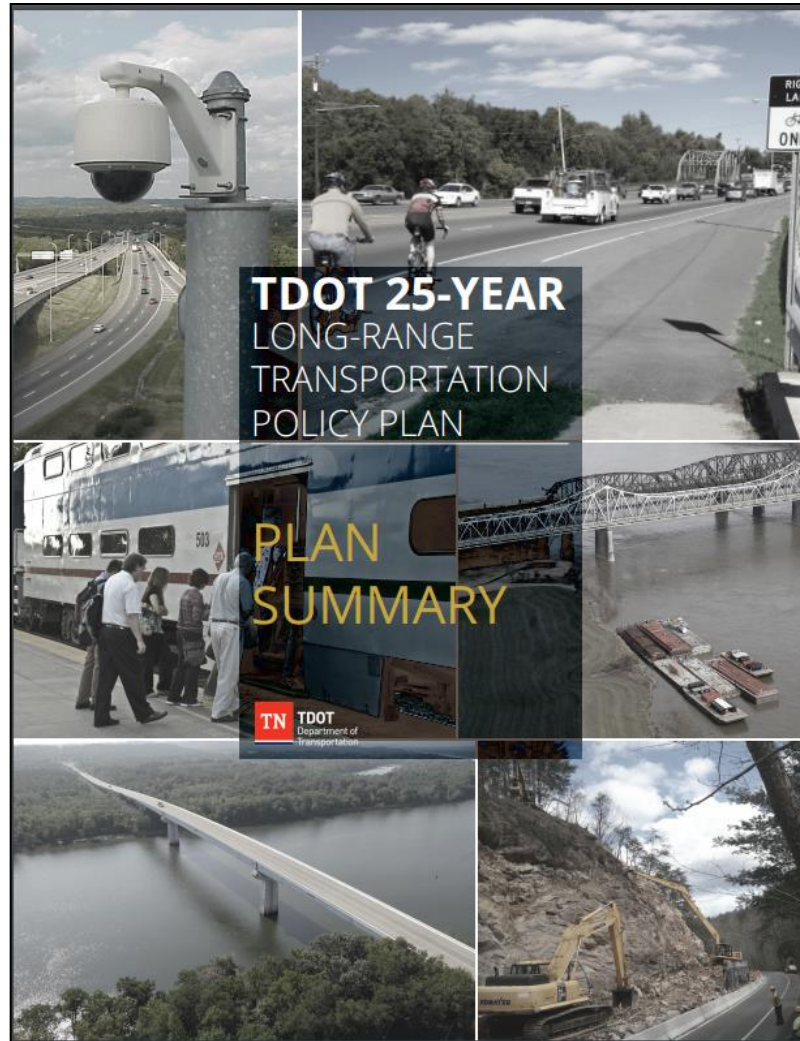




# Statewide Mobility – Linking This and Them to That

Tanisha J. Hall, AICP Director  
TDOT Long Range Planning Division  
Sustainable Transportation Awards and Forum  
05/24/2017

# Long-Range Plan Policy Papers



# Guiding Principles

## TDOT's Long-Range Policy Plan

1. Preserve and Manage the Existing System
2. Provide for the efficient movement of People and Freight
3. Support the State's Economy
4. Maximize Safety and Security
5. Build Partnerships for Sustainable and Livable Communities
6. Protect Natural, Cultural, and Environmental Resources
7. Emphasize Financial Responsibility



# Long-Range Plan Policy Papers

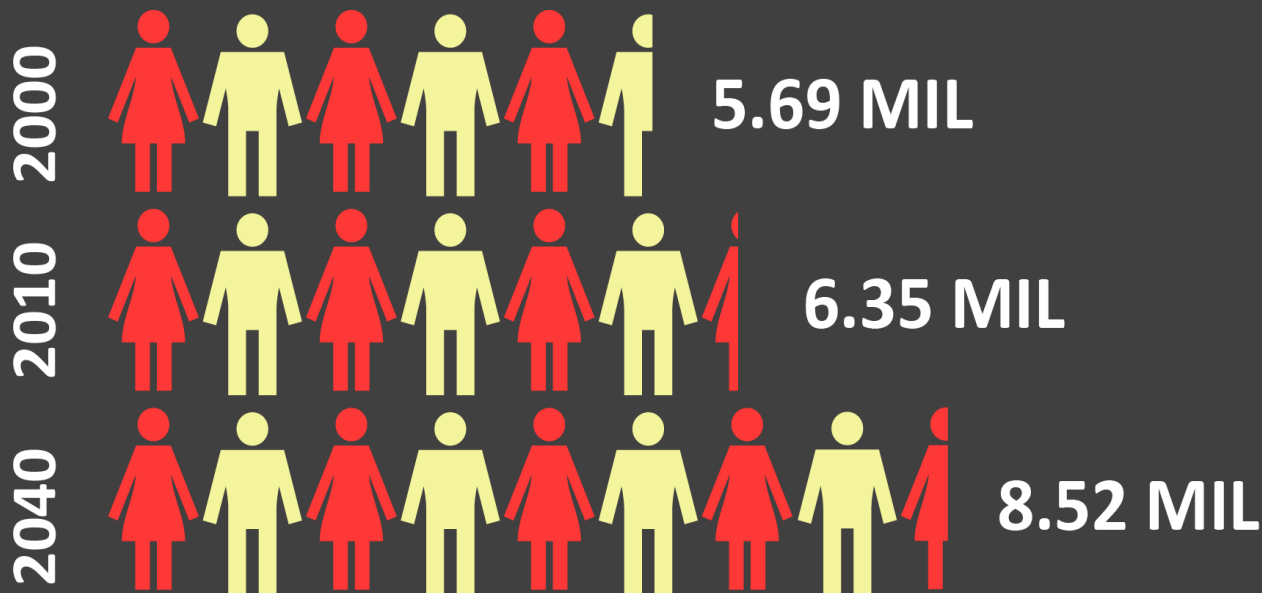




# Setting the Stage -Tennessee's Current Outlook

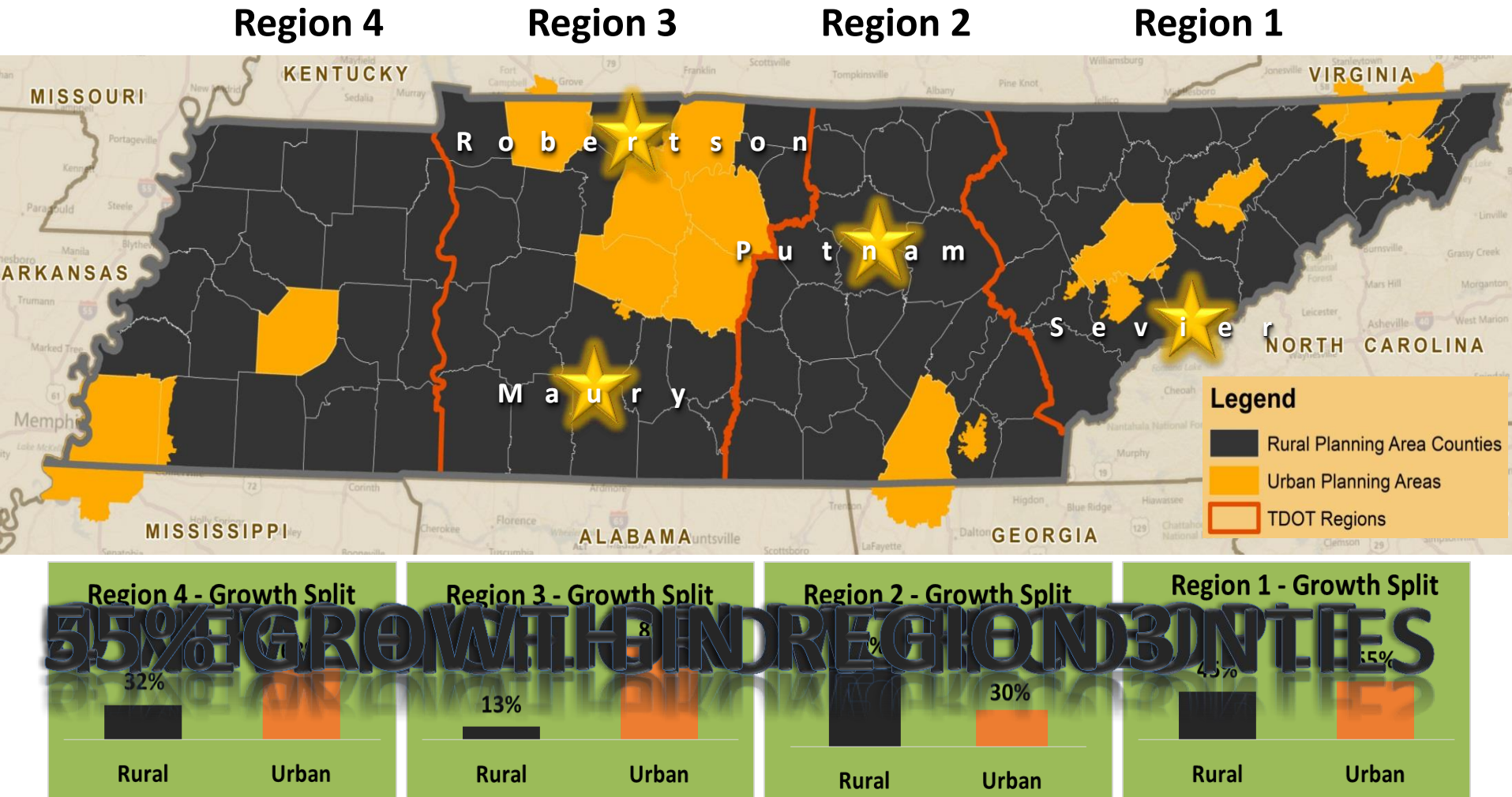
## Population Growth

2 million  
more people  
by 2040



**Favorable  
Outlook**

# Challenges: Population Growth | 2010 to 2040



# Population Growth & Changing Demographics

## Growth is Occurring in Both Urban & Rural Communities



**Thriving Communities**



**Capacity Needs  
Greater Service Needs**



# Setting the Stage Tennessee's Current Outlook



**EASTMAN**

**FedEx**

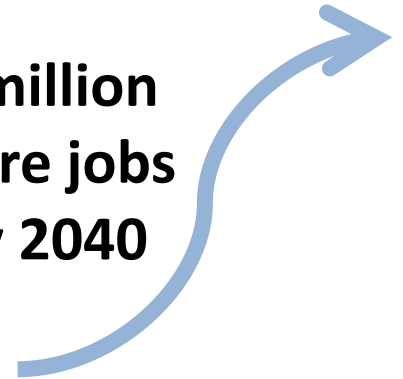
amazon.com



**UBS**



2 million  
more jobs  
by 2040



**TEAM**Health**NISSAN**



**DENSO**



**Ceco Door**

**HCA**

**TSC TRACTOR SUPPLY CO**  
TractorSupply.com

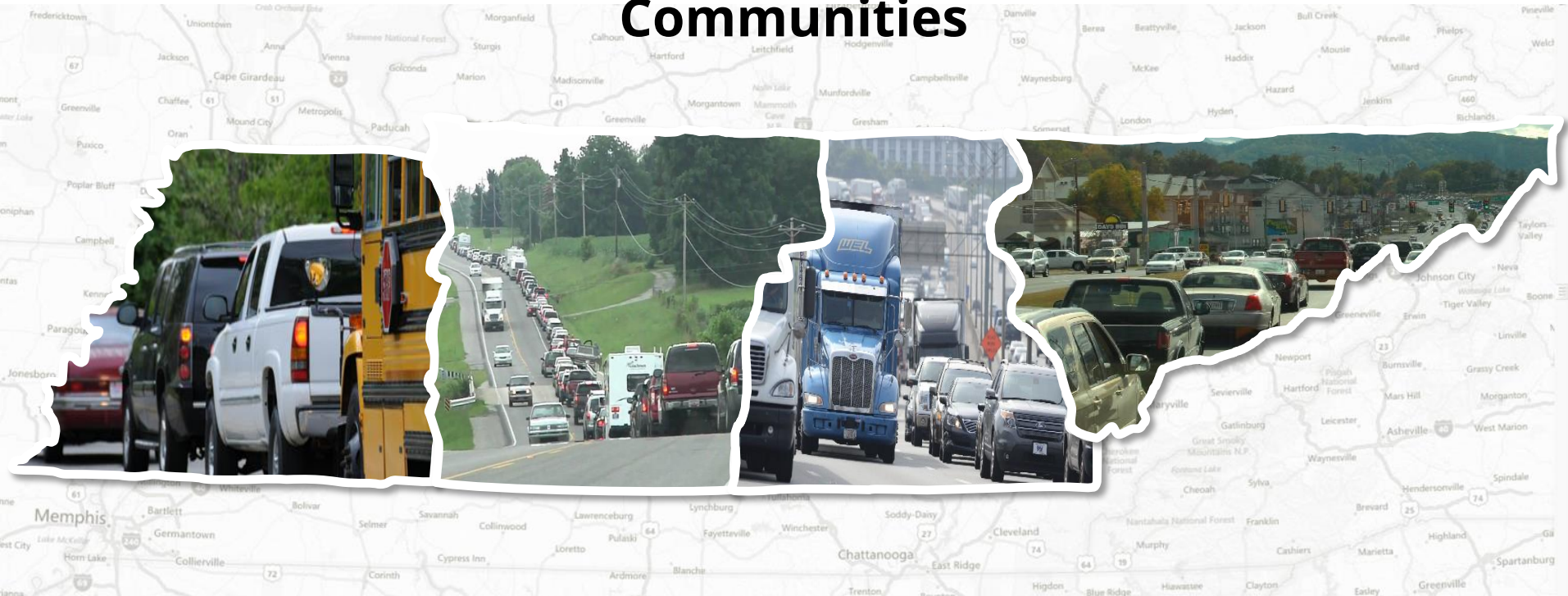


**Favorable  
Outlook**



# Traffic & Congestion

## Needs Across the State Exist in Both Urban & Rural Communities



**Growing Economy**



**Capacity Needs  
Impact on Infrastructure**

# Policy Paper – Travel Trends



# Travel Trends & Technology

## Impact Both Urban & Rural Communities



**Greater Efficiencies  
Smarter Trip Making**



**Increased O&M Costs  
Reduced Revenues**



# Policy Paper – Safety & Resilience



# Policy Paper – 3 Cs



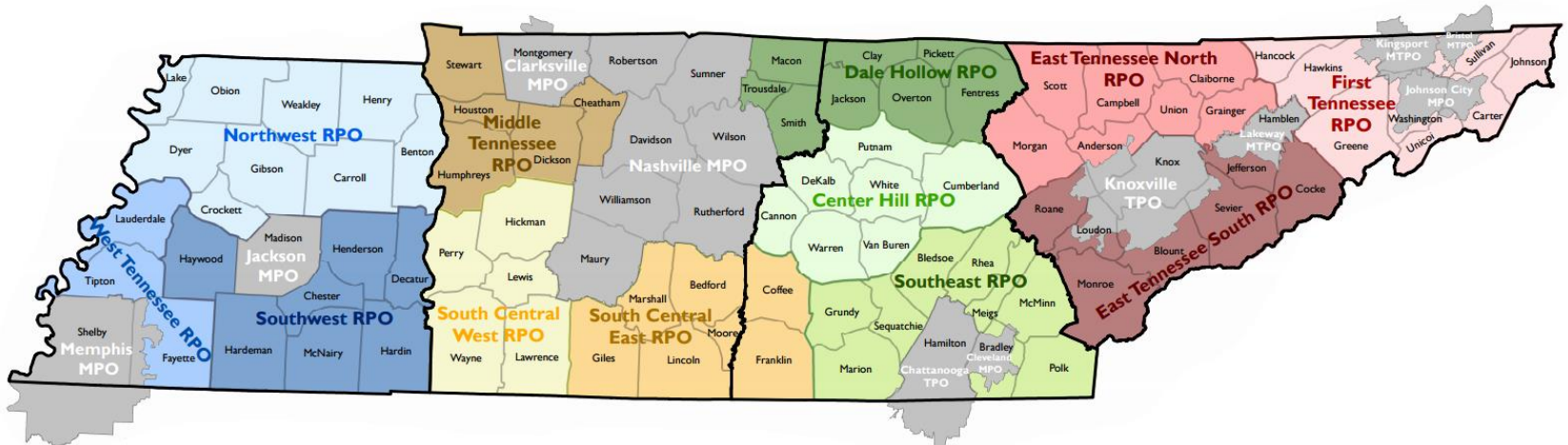
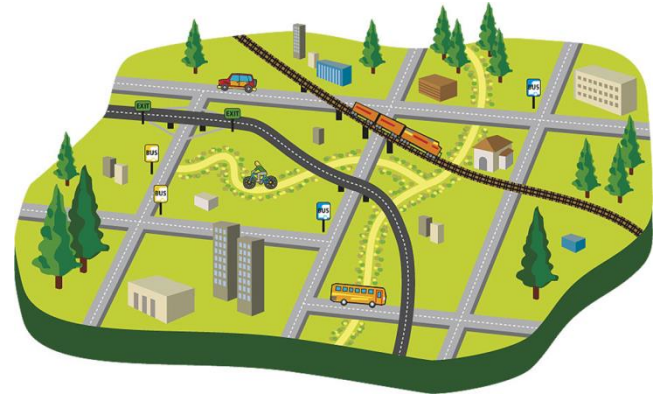
# Rural Regional Transportation (RRP) Plans

## What is a Rural Regional Transportation Plan?

- A plan to identify local and regional needs and to make recommendations to support an equitable transportation system

## What is a Rural Planning Organization?

- An entity created to involve local officials in multi-modal transportation planning on a local and regional basis

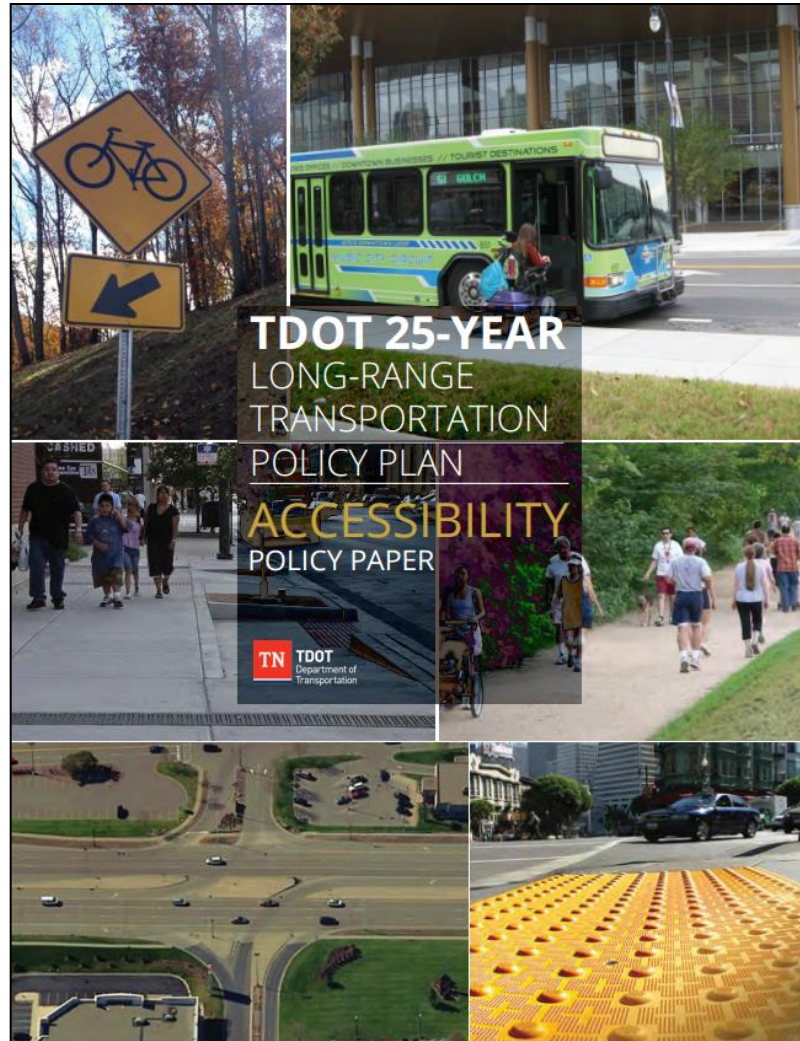




# Policy Paper - Financial



# Policy Paper – Accessibility



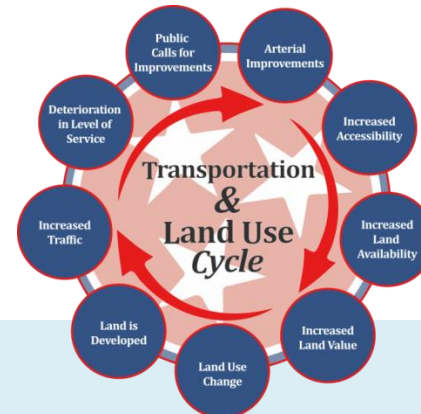
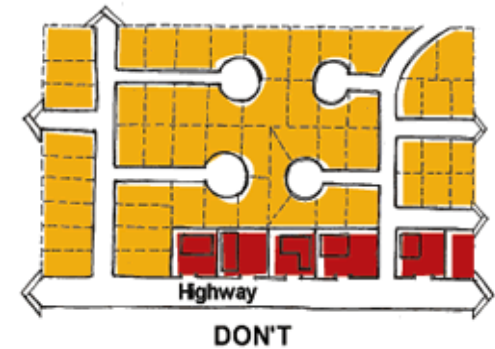
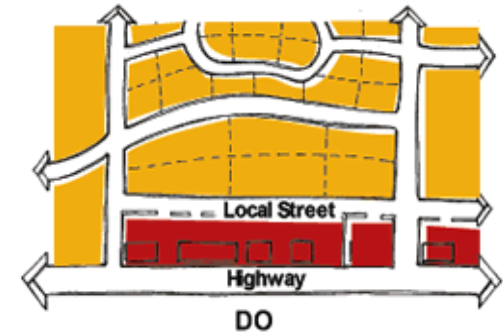
**TDOT 25-YEAR  
LONG-RANGE  
TRANSPORTATION  
POLICY PLAN**  
**ACCESSIBILITY  
POLICY PAPER**

**TN** **TDOT**  
Department of  
Transportation

# Corridor Management Agreements (CMA)

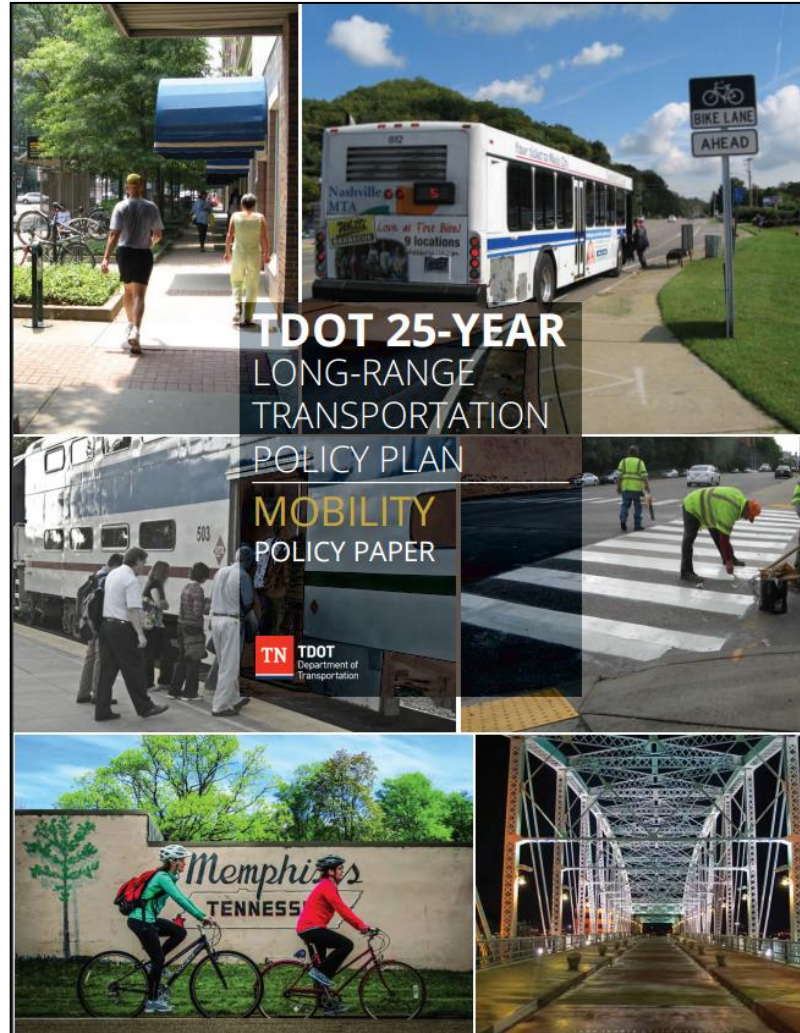
## What are Corridor Management Agreement?

- A CMA is a collaborative agreement among multiple jurisdictions or agencies that address the development, management, and operations of a roadway corridor
- A CMA supports a collaborative effort between TDOT, TDEC, and TECD to ensure that decisions along state highway corridors consider impacts on transportation and land use





# Policy Paper – Mobility



# Challenges: Changing Mobility Needs

## AGE 65+ POPULATION

2010

850,000



2040

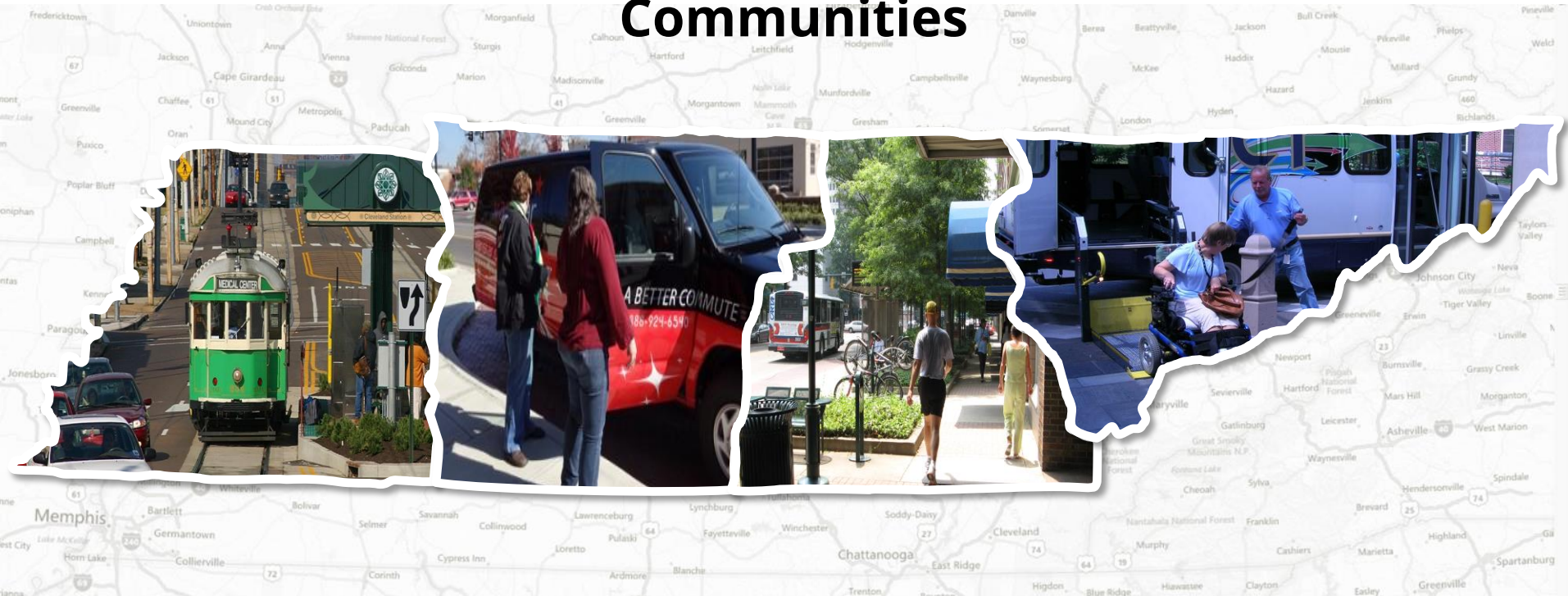
1.6 Million



90 ↑  
PERCENT  
GROWTH

# Mobility Options

## Needs Across the State Exist in Both Urban & Rural Communities



**Greater Mobility**  
**Improved Quality of Life**



**Increasing Demand**  
**Greater Service Needs**



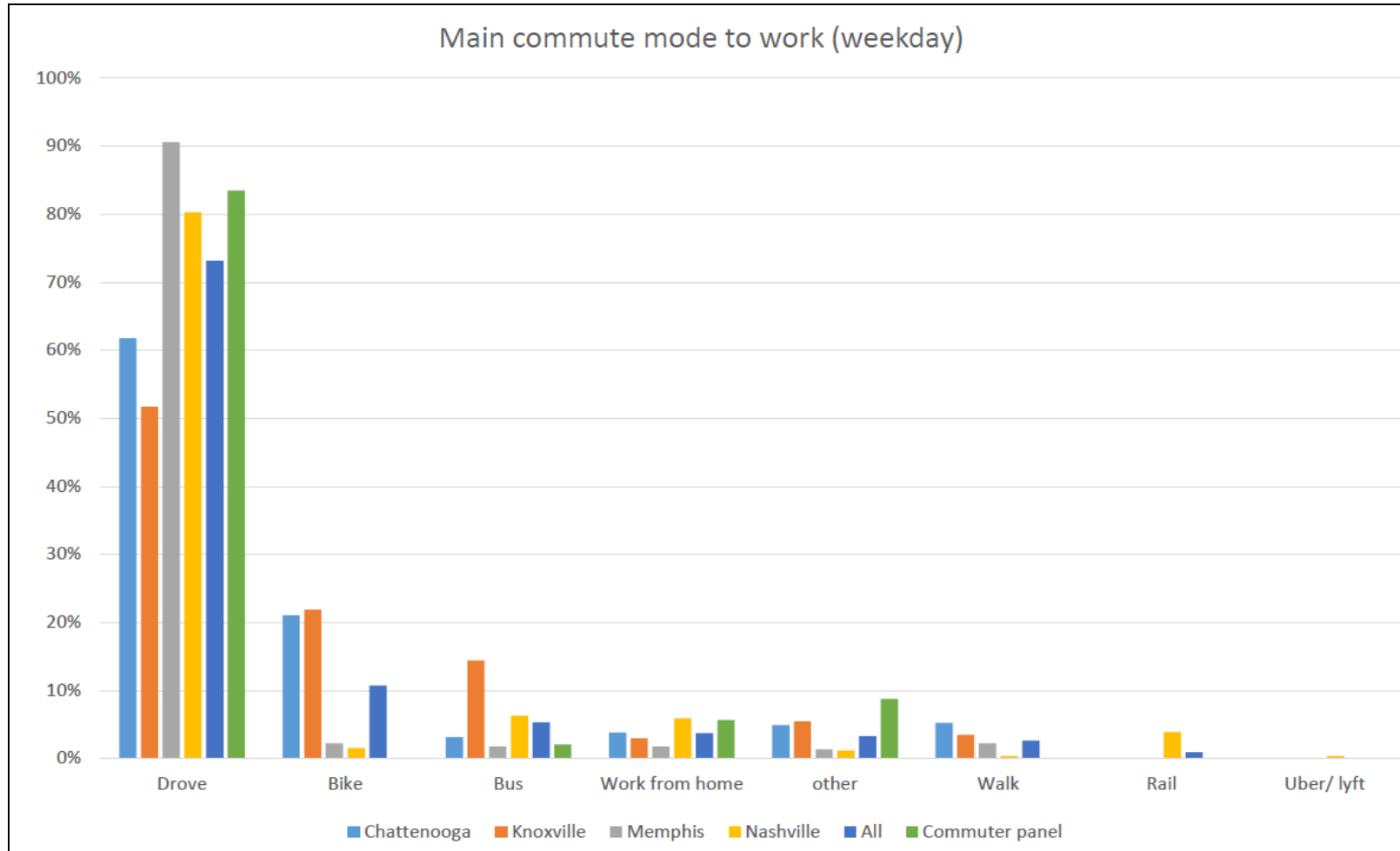
# Statewide TDM Plan

## **STATEWIDE TRANSPORTATION DEMAND MANAGEMENT (TDM) PLAN** for Tennessee Nonattainment and Maintenance Areas



# Statewide TDM Plan

## Employee Survey – Mode to Work



\*UrbanTrans North America – Commuter Survey (2015)

# Statewide TDM Plan Survey Results

- **Basics:**

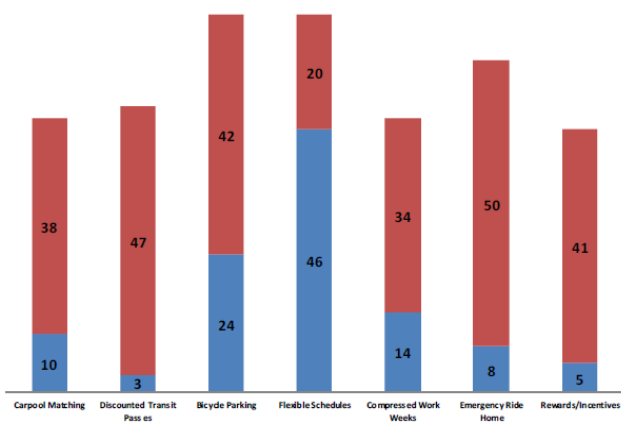
- Strategies and policies to reduce single-occupant vehicle traffic and alter transportation behavior

- **TDM Plan**

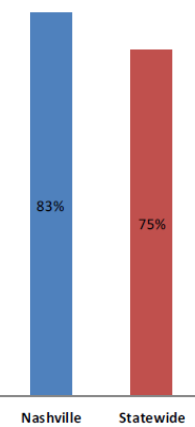
- Working with stakeholders to determine best-practices, current conditions, and opportunities for action to support TDM efforts in Tennessee

## What Employers are Already Doing:

■ Already Offer It ■ Would Consider

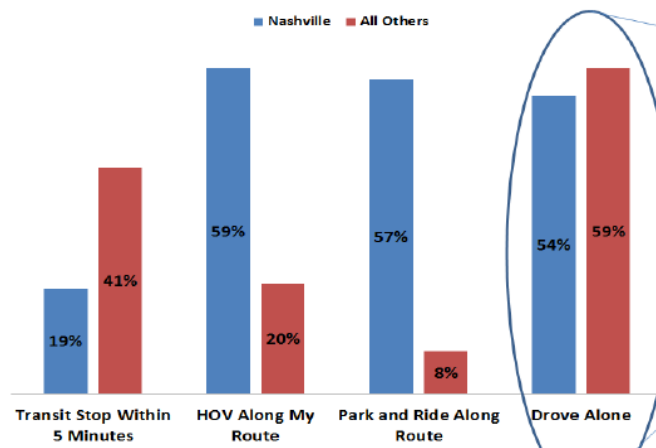


## Do you feel you have a role in addressing air quality/pollution?



## Transportation Infrastructure for Commuters

■ Nashville ■ All Others



### Motivators to change SOV Behavior:

1. A small cash payment to not drive alone
2. Guaranteed ride home
3. Prize raffle entries for days not driving alone
4. Ability to modify work schedules to match transit options
5. Preferential parking



# Statewide TDM Plan – Program Implementation

## TDM Recommendations

- Establish statewide TDM Brand
- Maintain core TDM services for regional implementation
- Increase funding and expenditure accountability

# Congestion Mitigation and Air Quality Improvement (CMAQ) Program

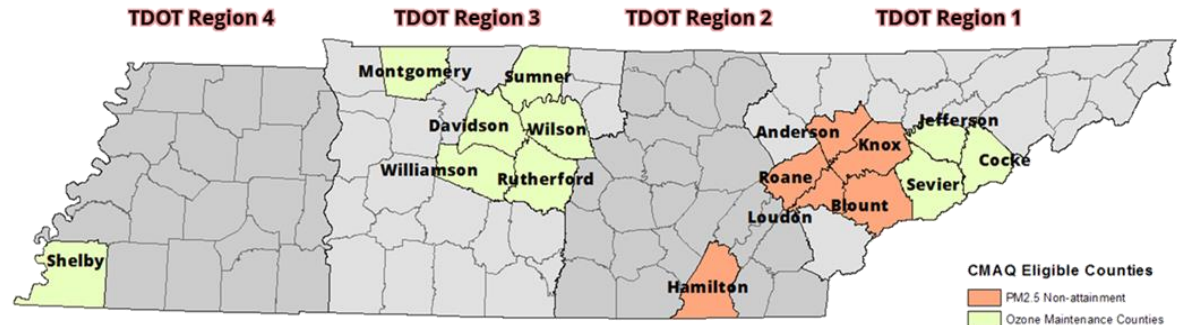
## Eligible Projects

- Diesel Retrofits/Replacements
- Idle Reduction
- Congestion Reduction
- Freight/Intermodal
- Bicycle/Pedestrian Facilities
- TDM
- Traffic Flow Improvements
- Transportation Control Measures
- Transit Improvements
- Carpooling/Vanpooling
- Car Sharing
- Innovate Projects

## Timeline for 2017 CMAQ Round

- June 2017 - Release of CMAQ Call for Proposals
- July 2017 – CMAQ Applications Due
- August 2017 – CMAQ Proposals Reviewed
- Fall 2017 – Awards Announced

### CMAQ-Eligible Project Areas





TM

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[www.tn.gov/tdot/section/long-range-planning-home](http://www.tn.gov/tdot/section/long-range-planning-home)

A small white 'TN' logo is located in the bottom right corner of the slide. It is on a red square background, which is part of a larger design element that also includes a dark blue horizontal bar at the bottom of the slide.