

Agenda

Lakeway MPO
2050 MTP Update

Technical Advisory Committee (TAC)
TAC#1 Meeting

November 15, 2023 @ 10 AM (in-person)

Meeting Agenda

1. **Welcome / Introductions – Why are we here?** (TPO) - 5 min
2. **Advisory Committee – Roles & Responsibility** (Stantec) - 10 min
3. **Schedule, Data Needs** (Stantec) - 5 min
4. **Outreach Strategy** (Stantec + TPO) - 10 min
5. **Interactive Mapping Exercise** (All) – 30+ min
6. **Action Items / Next Steps** (Stantec) - 10 min

Meeting Attendees & Notes:

Attendees: (6) Michelle Christian (TDOT), Troy Ebert (TDOT), Rich DesGroseilliers (LAMTPO), Shannon Collins (Lakeway Transit), Steven Neilson (Morristown), James Gallup (Jefferson City)

This plan will be successful because...

- **Michelle:** (TDOT) – Meet Federal and State requirements. Liaison with TDOT/FHWA.
- **Rich:** Coordination. TPO serving as “go to” point of contact with local governments.
 - **Recently completed studies:** <find/share links>
 - US 11E corridor study
 - TN 160 corridor study
 - TN 343 corridor study – now RAISE grant \$23M for Complete Street
 - Bike Plan 2019
- **Steve Neilson:** Population and development growth: over 2,000 lots/dwelling units approved for development over the past 2 years. Including industrial developments, and hospital expansion.
- **James Gallop:** Maintaining partnerships for coordinated planning. Focus on Safety, congestion, and speed control / traffic calming. Infill projects and retail development (near Walmart).
 - This region attracts special events for fishing tournaments, camping/RVs
- **Shannon:** Local transit fixed routes are well utilized, with requires for expanded routes/stops. Facing driver and vehicle shortage. Supplemented with deviated fixed route service within 0.75 mile of existing stops (“cloud” service area). **Capital replacement and maintenance are critical issue.**
 - East TN Human Resources Agency (ETHRA) supports rural transport P2P service.
 - Site selection process for LT Transit Hub (WSP) – two sites identified
- **Troy:** TAC staff coordination will help guide this process. Leveraging **digital outreach** is important.

Topics discussed

- US Census data suggests 9% Hispanic/Latino, and is likely under-reported
- US Census data suggests ‘gap’ of 10-40 year olds as compared with State of TN, though this is rapidly changing with more families moving to this region; many requests for Parks & Recreation facilities
- Development is placing pressure on transportation infrastructure (roads, intersections)

- Morristown is described as a “linear city” with growth along US 11E
- Local colleges are growing:
 - **Walters State** Community College <https://ws.edu/campuses/morristown/index.aspx>
 - **Tennessee College of Applied Technology** TCAT <https://tcatmorristown.edu/>
 - **Carson-Newman University** – Jefferson City, rapidly expanding campus <https://www.cn.edu/>
- Several industrial lots identified (x3 locations in particular) – related to ‘Made in America’ initiative <https://www.madeinamerica.gov/>
 - Van Hool industrial (500 employees). High growth area. Bus manufacturer <https://www.vanhool.com/en/vehicles>
 - Oshkosh Corp (industrial) defense contractor <https://www.oshkoshcorp.com/>
 - Also doing business as: JLG <https://www.jlg.com/en>
 - East TN Valley Industrial District (east of Morristown) <https://www.ETDD.org/>
 - Greenworks Tools Manufacturing
- Roadway Projects / Planned Improvements
 - TDOT Interstate Corridor Study: (2020) [<link>](#)
 - I-81 exit 8 improvements (US 25E) – larger ramps
 - TN 66 – has a corridor overlay district w/access management. Major TDOT project.
 - US 11E – recently completed study: signal timing and access management
 - Interstate 81 widening to 6 lane (exit 4): *now, near, or future?*
- Perception of significant ‘red tape’ to plan, design, construct projects in this region – perhaps more of a backlog of needs than delay
 - Strategy for smaller projects that can be implemented more quickly
- Autonomous vehicle platooning (freight) would be significant for I-81/40 corridors
- US 25 is a cut thru for I-81 traffic to avoid Knoxville, TDOT Weigh Station, and head NW to Kentucky
- Lakeway Transit: hoping to add microtransit and larger buses to industrial sites (larger service area)
 - Need more bus shelters
 - Discussed sign post + two seats as an alternative or complement to shelters
 - Some daily riders for employment, medical, and/or grocery trips
 - Recently completed Transit Hub Study (2-sites)
- Goals: 2040 and 2045 Goals were presented
 - *Are we seeking to consolidate or add/delete any of these 10 goals?*
 - *Safety and Security – can we combine?*
 - *Environmental Sustainability and Natural Environment – can we combine?*

Action items:

TAC members

- Correct anything that we have mislabeled, or described above
- **Share the project website www.LAMTPOforward.com** and help promote the Survey + Interactive Map
 - Reshare Rich's posts on LinkedIn and NextDoor
- Generate a list of ‘who’ else needs to be made aware of this MTP process – need your help!
- Share photos of Morristown/Lakeway region for MTP document/slides.
- **Share project plans/details or cut sheets describing:**
 - TDOT Interstate Corridor Study (2020) [<link>](#)
 - TDOT Congestion Action Plans – Knoxville Region [<link>](#)
 - TDOT Planning Studies [<link>](#)
 - US 11E corridor study – signal timing and access management
 - TN 160 corridor study (loop road; access controlled)

- TN 343 corridor study – now RAISE grant \$23M for Complete Street
- Morristown Bike Plan 2019
- TN 66 corridor overlay district
- Lakeway Transit Hub Study

Stantec team

- Generate half-page flyer to help promote website/survey via email
- Identify data/resource gaps, and request info
- Coordinate Community Engagement Round #1 logistics (Dec / Jan)
- Review financial trend spreadsheet

Attachments: Presentation slides



Lakeway Forward: LAMTPO 2050 MTP Update

Technical Advisory Committee (TAC) – Meeting #1
November 15, 2023



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1. Welcome / Introductions
2. Advisory Committee – Roles
3. Schedule
4. Outreach Strategy
5. Interactive Mapping Exercise
6. Action Items

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Project Team



Rich DesGroseilliers
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Metropolitan Transportation Plan is...

- Federal requirement – FHWA
- Long-range 20+ years
- Multimodal
- Fiscally-constrained
- Representation of YOUR local goals / needs



2045 MTP
Metropolitan Transportation Plan



April 2021

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This **plan** will be successful because...



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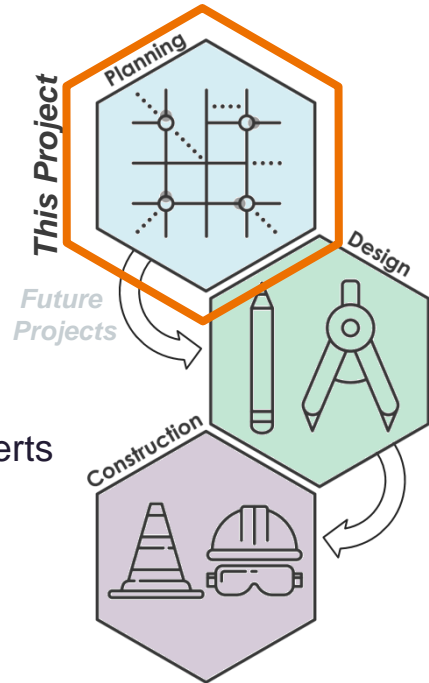
Roles

Stantec—the ‘process’

- Synthesizing information
- Facilitation
- Technical assistance and best practices

Advisory Committee—the local experts

- Meeting logistics, scheduling
- Local area knowledge & community vision
- Identifying the “**who**” needs to be involved?
 - *YOU know YOU better than us!*



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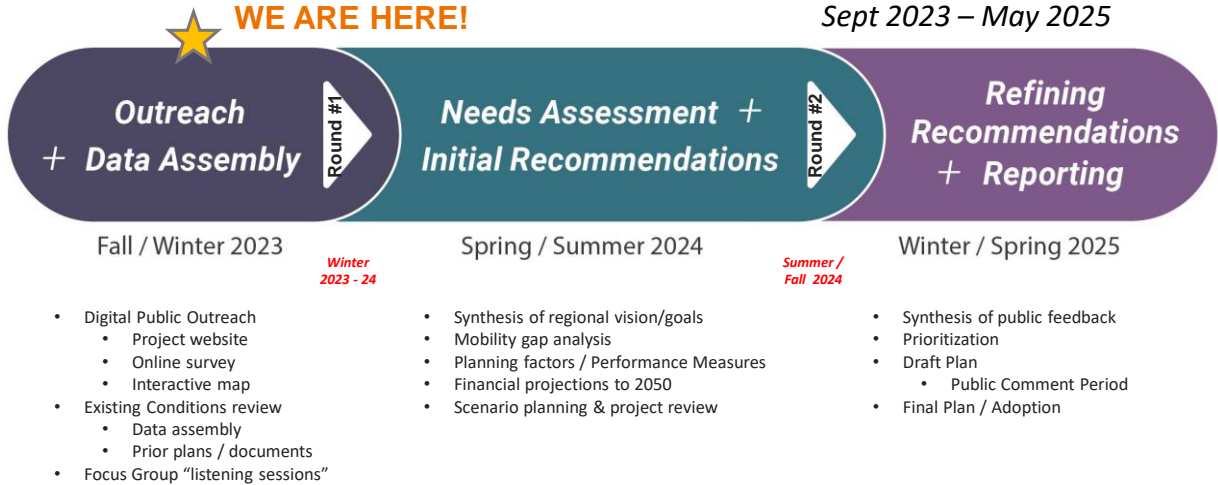
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Schedule

20-month time frame
 Sept 2023 – May 2025



Outreach Strategy

General

What to expect...

Website + Online Survey + Interactive Map

- Digital outreach 24-hours / 7-days

Technical Advisory Committee (TAC)

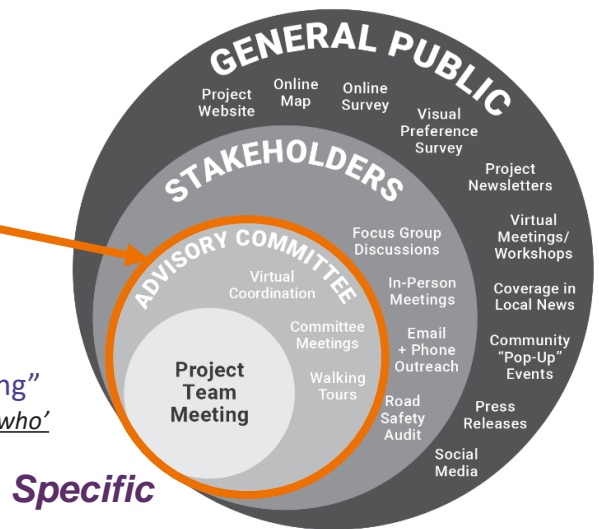
- Total of eight (8) – half virtual

Community Events: two (2) rounds

- Issues & Vision*: citizens provide direction
- Priorities*: citizens provide feedback

Focus Groups: up to four (4), virtual “listening”

- Topics identified – need help identifying the ‘who’



Specific

Website

What we need from you...

www.LAMTPOforward.com :

- Bookmark it!
- Share it!

Our launching point for Public Outreach



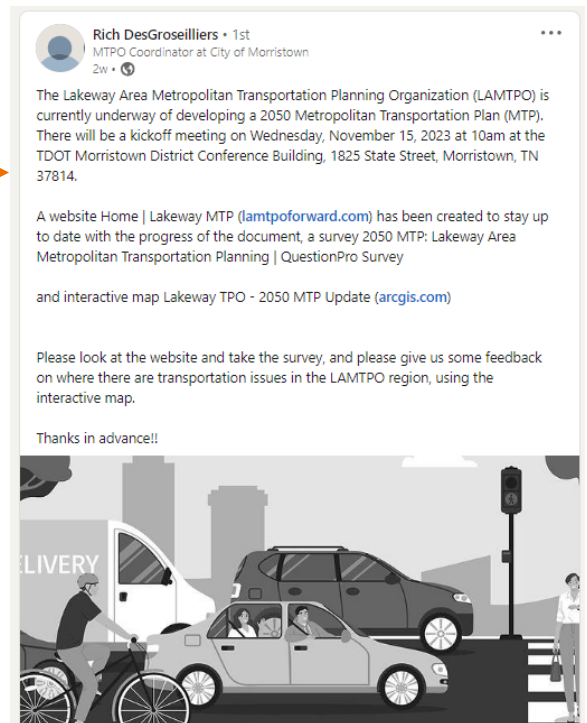
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Share / Reshare

Rich posted – Oct 26



Your turn to repost!








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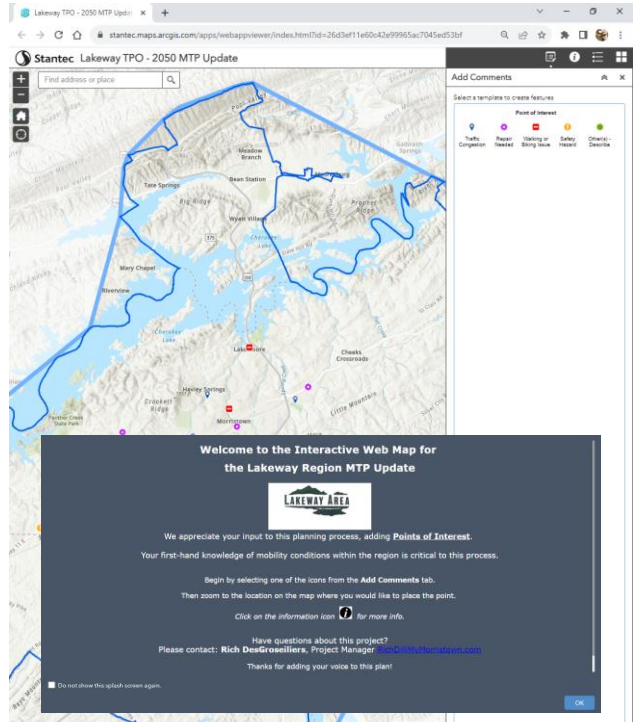
Interactive Map

Tell us about ...

Point of Interest

-  Traffic Congestion
-  Repair Needed
-  Walking or Biking Issue
-  Safety Hazard
-  Other(s) - Describe

24-hours per day – thru Spring 2024
 Used as Evaluation Criteria later in this MTP process



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What we (think we) know about you...

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Demographic Data Suggests...

Higher than State averages:

- 43 Median age (TN 39 years)
- 20% Seniors >65 years (17%)
- 9% Hispanic or Latino pop (7%)
- 11% Pop *without* Healthcare Coverage (9%)
- 21% Pop with physical disability (15%)
- 28 min Avg. travel time to work (25 min)

Populations and People
Total Population: 142,709
#1 | 2020 Decennial Census

Income and Poverty
Median Household Income: \$59,099
\$1901 | 2022 American Community Survey 1-Year Estimates

Employment
Employment Rate: 56.6%
DP03 | 2022 American Community Survey 1-Year Estimates

Housing
Total Housing Units: 63,848
H1 | 2020 Decennial Census

Education
Bachelor's Degree or Higher: 20.3%
\$1001 | 2022 American Community Survey 1-Year Estimates

Business and Economy
Total Employer Establishments: 2,052
CB2100CBP | 2021 Economic Surveys Business Patterns

Families and Living Arrangements
Total Households: 59,553
DP02 | 2022 American Community Survey 1-Year Estimates

Health
Without Health Care Coverage: 10.9%
\$2701 | 2022 American Community Survey 1-Year Estimates

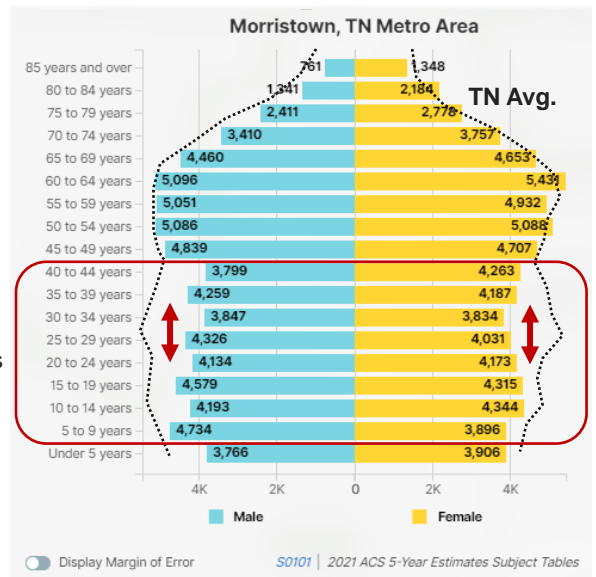
Race and Ethnicity
Hispanic or Latino (of any race): 12,648
P9 | 2020 Decennial Census

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Demographic Data suggests...

- “Silver years” community, tailored towards 45+ years
 - Affordable cost of living
 - Larger lot sizes
- Outdoor recreation / leisure

Fewer youth / young professionals (10-40 years) than TN average



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Employment data suggests...

Major industries (LEHD):

- Manufacturing 25%
- Healthcare 12%
- Retail / Trade 12%
- Food Service 8%

HALF of residents are employed *outside* the county!

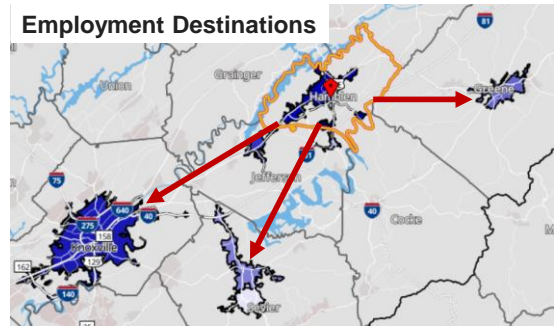
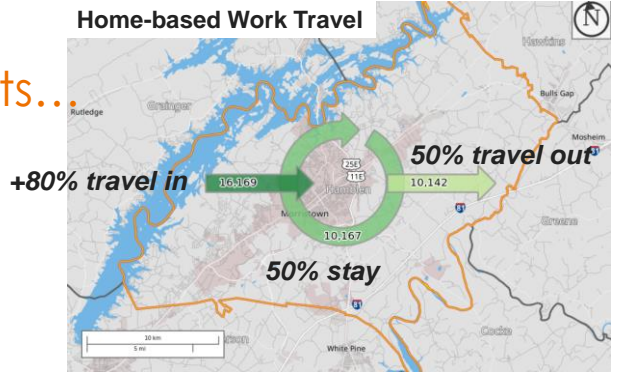
- Knoxville, Greenville, Johnson City

<https://onthemap.ces.census.gov/>
<https://lehd.ces.census.gov/data/>



Major Employers

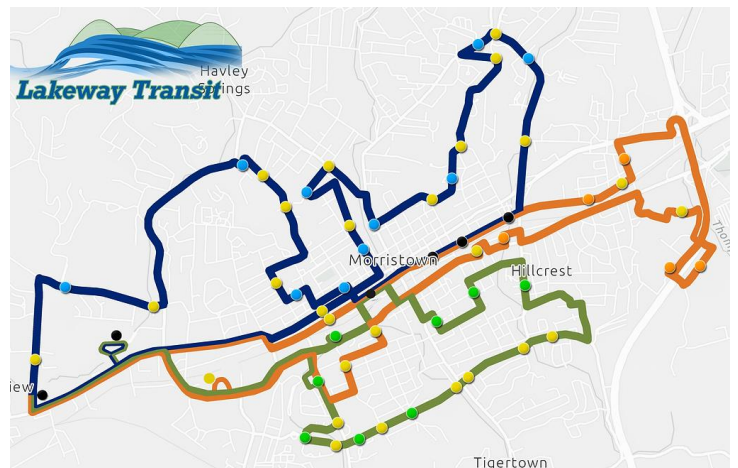
1. Hamblen County Dept. of Education
2. Koch Foods
3. MAHLE Engine Components
4. Howmet Aerospace



Transit Service

Lakeway Transit - fixed route

- 7am to 6 pm service (60 min)
- Orange / Blue / Green →



Demand-response service

- Scheduled 3-bus days ahead
- \$3 per trip, each way

2023 – 2026 TIP:

10 Local Projects:

Morristown:

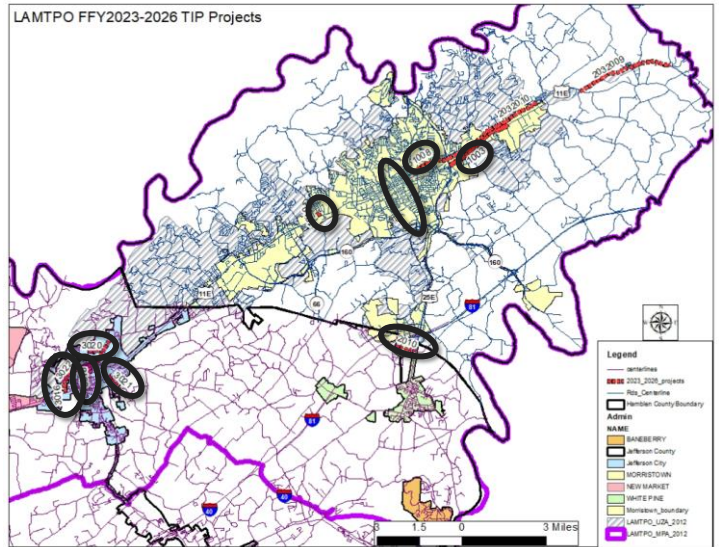
- **1003:** E Morris Blvd resurfacing (\$2.8M)
- **1008:** E AJ Hwy resurfacing (\$1.1M)
- **1010:** Central Church Rd Improvements (\$1.9M)
- **RAISE** Complete Streets / ITS coordination

White Pine:

- **2010:** Agricultural Park Blvd resurfacing (\$261K)

Jefferson City:

- **3016:** Old AJ Hwy realignment / Overlook Rd extension (\$1.3M)
- **3018:** Branner Ave resurfacing (\$218K)
- **3020:** Municipal Dr resurfacing (\$240K)
- **3021:** Fate Rankin Rd resurfacing (\$218K)
- **3022:** Old AJ Hwy Resurfacing from SR92N to city limits (\$1.1M)



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Polling Time!

Visit www.menti.com

Use code 4109 8890

or take a photo of this QR code



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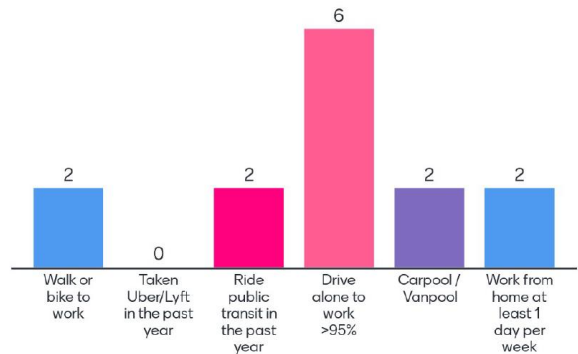


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QUESTION 1: How do YOU move around this region? (check **ALL** that apply)

- A. Walk or bike to work
- B. Taken Uber/Lyft in the past year
- C. Ridden public transit in the past year
- D. Drive alone to work at least 95% of the time
- E. Carpool or Vanpool
- F. Work from home at least one day a week

Q1: How do YOU move around this region?



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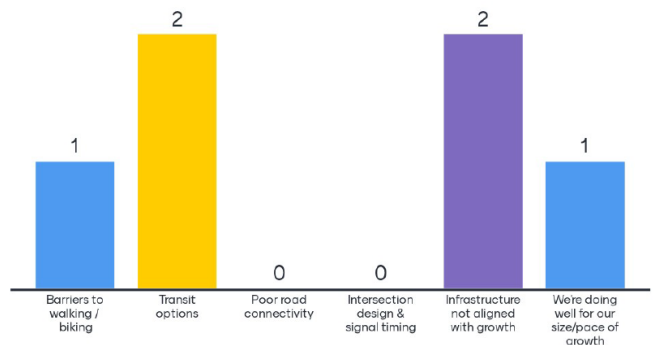


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Question 2: What's your biggest transportation ISSUE? (**choose ONE**)

- A. Barriers to walking / biking
- B. Transit options
- C. Poor road connectivity
- D. Intersection design & signal timing
- E. Infrastructure not aligned with growth
- F. We're doing well for our size/pace of growth

Q2: What's your biggest transportation ISSUE?



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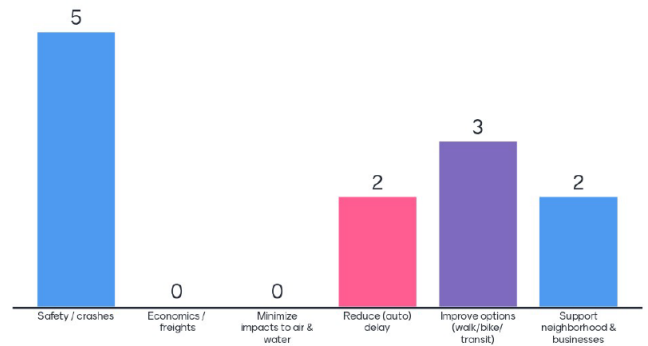


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Question 3: What projects are MOST important to focus on? (**choose TWO**)

- A. Safety/Crashes
- B. Economics/ Freight
- C. Minimize impacts to air & water
- D. Reducing auto delay
- E. Improving options (walking, biking, transit)
- F. Supporting neighborhoods and business interests

Q3: What projects are MOST important to focus on?



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Trends we see

- Technology emerging
- Cultural / Lifestyle shifts
- Aging populations
- Changing economy
- Hybrid/ WFH Work Choices
- Shrinking revenues



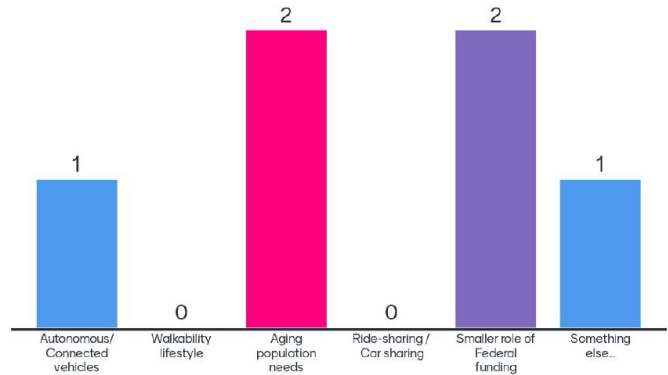
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QUESTION 4: Which trend has the most IMPACT on this region's transportation future? (**choose ONE**)

- Q4: Which trend has the most IMPACT on this region's transportation future?
- A. Autonomous/Connected vehicles
 - B. Walkability lifestyle
 - C. Aging population needs
 - D. Ride-sharing / Car sharing
 - E. Smaller role of federal funding
 - F. Something else...



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Rethinking the Role of Streets



PHOTO CREDIT:

[HTTP://CHARLESTONINSIDEOUT.NET/HISTORIC-KING-STREET-IN-1915/](http://CHARLESTONINSIDEOUT.NET/HISTORIC-KING-STREET-IN-1915/)

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Rethinking the Role of Streets



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Streets are Inadequate

- No sidewalks
- Too dangerous to cross on foot
- Uninviting for bus riders
- Not safe for bicyclists
- No room for people!
- Inaccessible for wheelchairs



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Every mode needs...

- Convenience
- Safety
- Comfort
- Access
- Predictability
- Affordability
- Reasonable travel time



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Safety benefits

- U.S. Pedestrian deaths are at the highest level in 41 years –
 - 7,500 struck and killed while walking on US streets
- Complete Streets reduce crashes through comprehensive safety improvements



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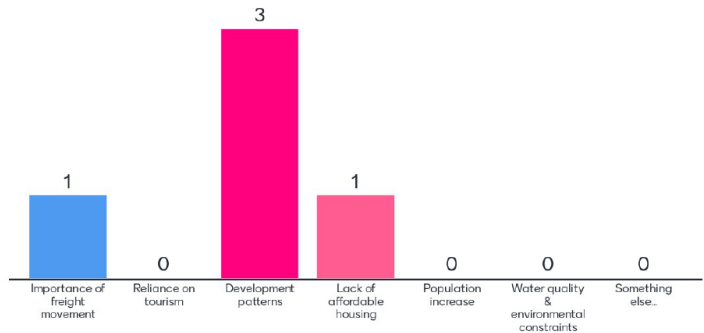


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Question 5: Which local feature makes transportation more challenging? (**choose ONE**)

- A. Importance of freight movement
- B. Reliance on tourism
- C. Development patterns
- D. Lack of affordable housing (people making longer trips)
- E. Population increase
- F. Water & environmental constraints
- G. Something else...

Q5: Which local feature makes transportation more challenging?



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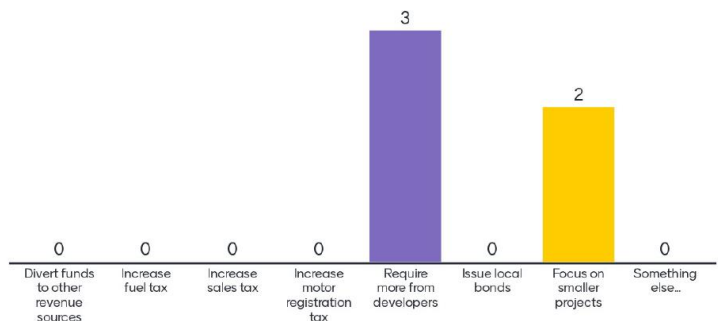


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Question 6: How can we build transportation projects FASTER? (**choose ONE**)

- A. Divert funds from other revenue sources
- B. Increase fuel tax
- C. Increase sales tax
- D. Increase motor registration tax
- E. Require more from developers (Impact Fees, etc.)
- F. Issue local bonds
- G. Focus on smaller, "bang-for-the-buck" projects
- H. Something else...

Q6: How can we build transportation projects FASTER?



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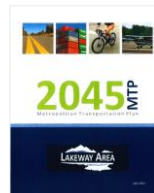
Let's talk MTP / Regional Goals!!!

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2045 MTP – 10 GOALS

1. An **Efficient** transportation system
2. Improve **Safety**
3. Promote **Security**
4. Maintain & improve the quality of the **Natural Environment**
5. Improve **Mobility** (personal & freight)
6. Effectively manage **Financial Resources**
7. Environmental **Sustainability**
8. System **Reliability**
9. **Congestion** reduction
10. Infrastructure **Conditions**

*Carried over
from 2040 MTP*



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Consolidation Opportunities?

1. An **Efficient** transportation system
2. Improve **Safety**
3. Promote **Security**
4. Maintain & improve the quality of the **Natural Environment**
5. Improve **Mobility** (personal & freight)
6. Effectively manage **Financial Resources**
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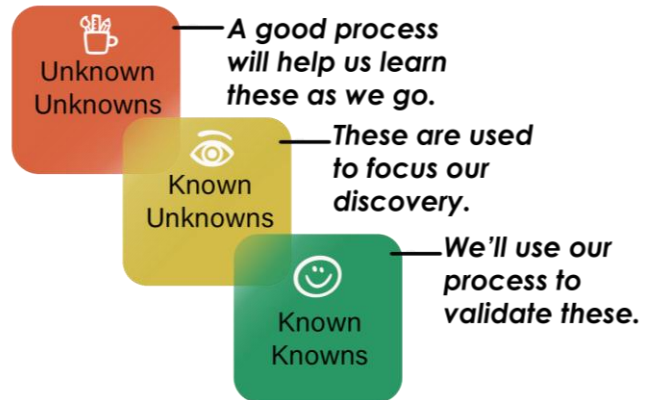
- Maintenance & Efficiency
- Mode Choice
- Safety & Security
- Health & Environment
- Equitable Access
- Congestion Reduction
- Preservation of Places
- Economy & Freight

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What don't we know?



- Previous planning efforts / studies?
- Additional data resources?
- Important destinations?
- Problem topics?



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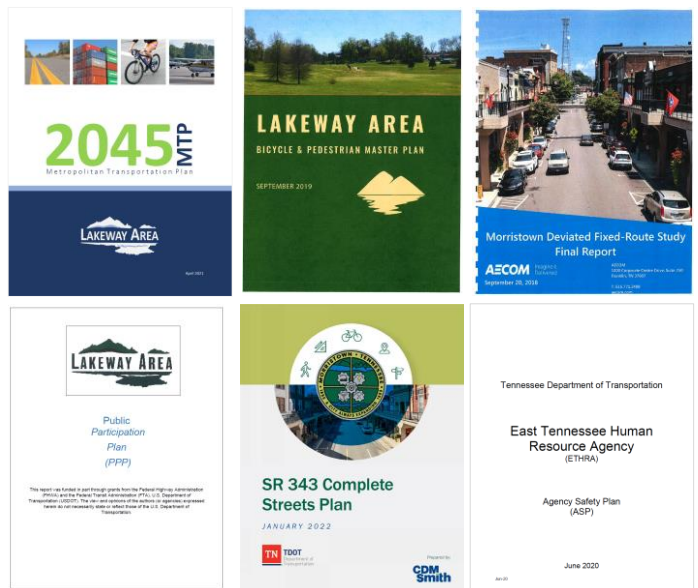
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Coordination Items

Background Resources

- Previous studies / plans / reports?
- Additional data sources?
- **What don't we know?**



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Action Items



We need from YOU...

- **PROMOTE** the website + survey + interactive map
- Send us more data / resources to fill any knowledge gaps!

STANTEC is working towards...

- Existing conditions / synthesis
- TAC #2 – tbd
- Community Event – Round #1 – Dec-Jan 2025
 - Multiple events /dates