



# Michigan's State Long-Range Transportation Plan

**Michigan Aeronautics Commission**  
September 11, 2019

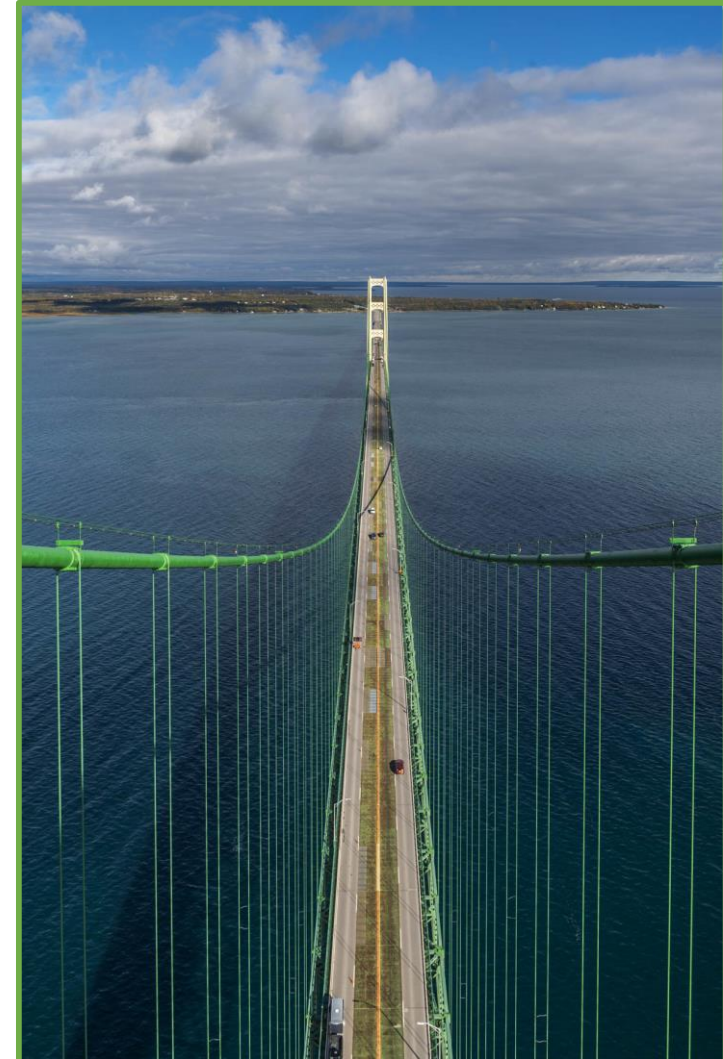
**Bradley Sharlow** – Project Manager

**Michigan Department of Transportation**

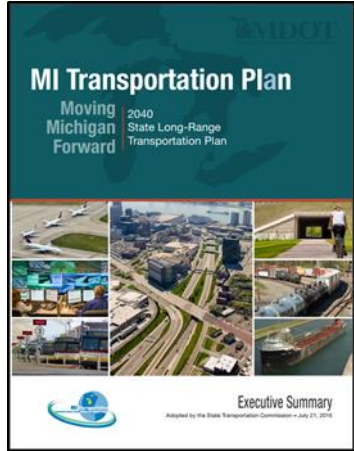
# What is a State Long-Range Transportation Plan (SLRTP)?



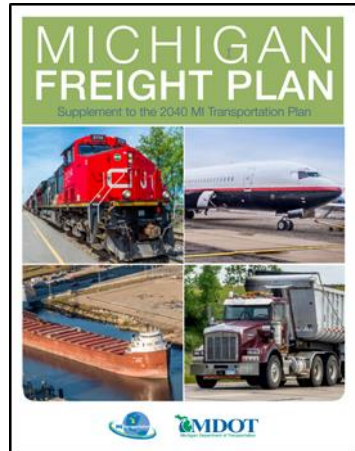
- **Multi-modal policy-based planning document that establishes the following for Michigan's transportation system:**
  - Vision
  - Goals
  - Objectives
  - Key Strategies
- **Federally required**
- **20+ Year Planning Horizon**
- **Michigan Mobility 2045 is in early stages of development**



# MM2045: Plan Integration



Long-Range



Freight



Rail



Active



Transit Strategic Plan



Michigan Department of Transportation  
**Michigan 2045**  
**Mobility**  
 A transportation plan for a connected future #MM2045



# Michigan Aviation System Plan (MASP)



- Suggested updates to the current MASP will be presented to the MAC if it is identified during the MM2045 process that new or modified goals would better serve the citizens of Michigan
- MM2045 and the MASP are being developed/maintained to compliment each other
- Cross coordination between MDOT Aeronautics and MDOT Planning

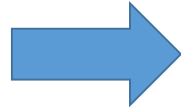


Current MASP

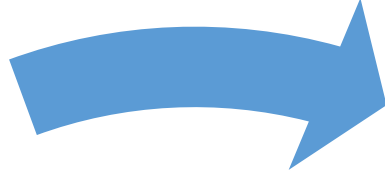
# Planning and Program Development Process



**STATE LONG-RANGE  
TRANSPORTATION  
PLAN**

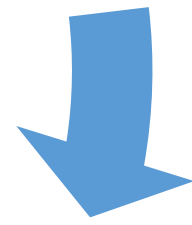


**STATEWIDE POLICY:**  
Goals, Objectives,  
Strategies, Policies,  
Performance Measures



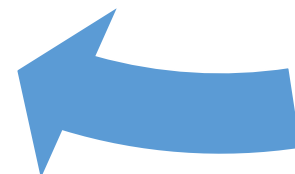
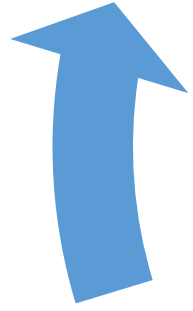
**PROGRAM DEVELOPMENT:**  
Asset Management Plans,  
Modal Plans

**STATE, REGIONAL AND  
LOCAL PRIORITIES**



**PLANNING PROJECTS:**  
Transportation  
Improvement Program  
(TIP) and Five-Year  
Transportation  
Program

**PROGRAM DELIVERY:**  
Implementing Projects  
and Initiatives



# Planning Factors



## 10 Federally required planning factors for Michigan's transportation system:

- Economic Vitality
- Safety
- Security
- Accessibility and Mobility
- Environment and Quality of Life
- Integration and Connectivity
- Efficient System Management and Operation
- Preservation of existing system
- Resiliency and Reliability
- Travel and Tourism



# Creating a Vision for Transportation in Michigan



- **Michigan Mobility 2045 will be a new plan**
  - We need to develop a preferred vision for Michigan's transportation system
- **What is visioning?**
  - Process of establishing a consensus on the desired future for transportation in Michigan
    - Public
    - Stakeholders
    - Partnering Agencies
  - Deciding what is necessary to achieve it
- **Michigan's preferred vision will be used to develop strategies and objectives for the transportation system**



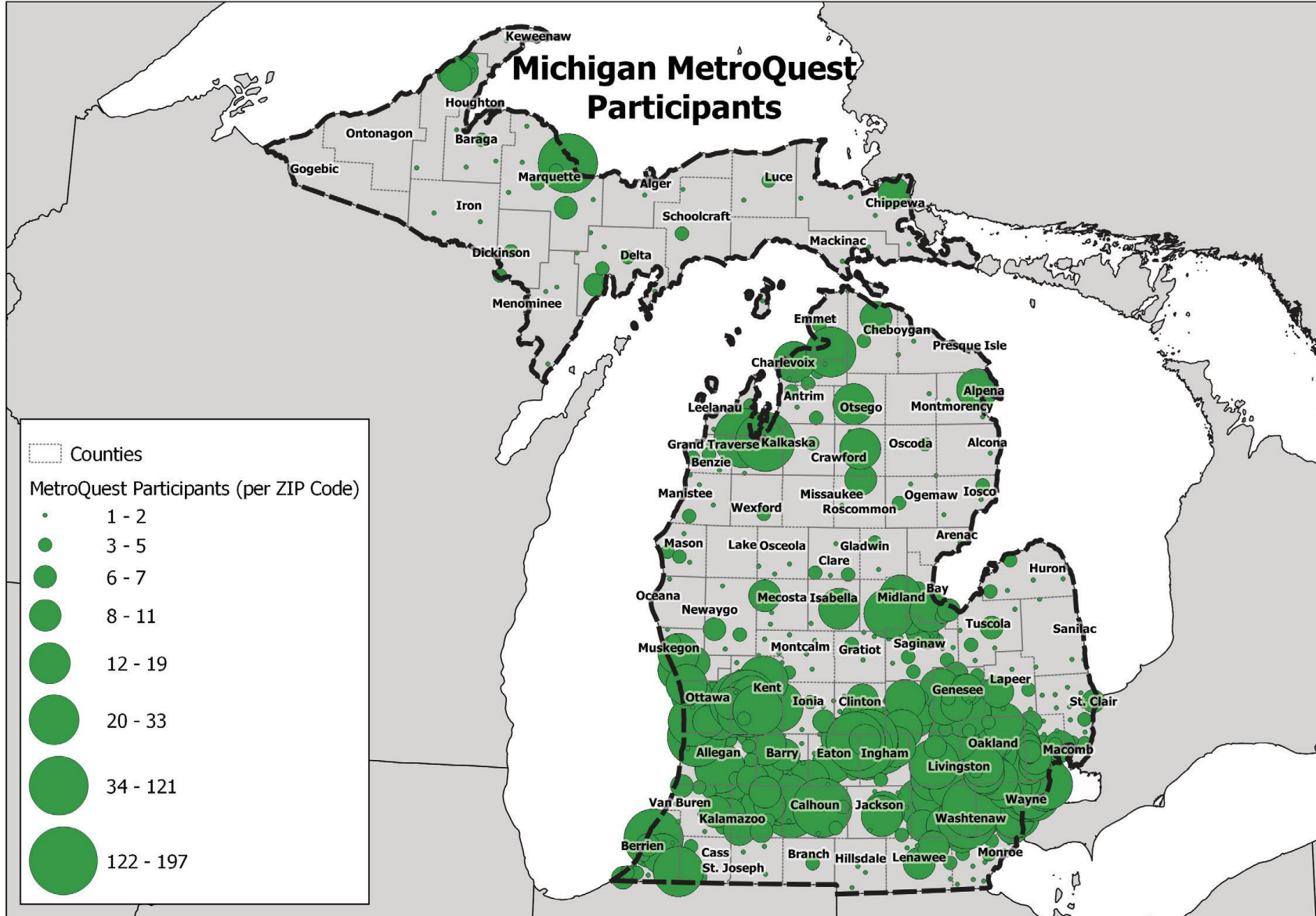


- In-person public meetings
- MetroQuest Survey: 1/2/2019 – 4/13/2019
  - 6,306 completed surveys
- Providing input via:
  - Website: [www.MichiganMobility.org](http://www.MichiganMobility.org)
  - Email: [MDOT-MichiganMobility@Michigan.gov](mailto:MDOT-MichiganMobility@Michigan.gov)
  - Social Media
    - Twitter: [www.twitter.com/MichiganDOT](http://www.twitter.com/MichiganDOT)
    - Facebook: [www.facebook.com/MichiganDOT](http://www.facebook.com/MichiganDOT)
  - U.S. Mail:
    - Anita Richardson
    - Michigan Mobility 2045
    - Michigan Department of Transportation
    - Van Wagoner Transportation Building
    - 425 West Ottawa St
    - Lansing, MI 48909





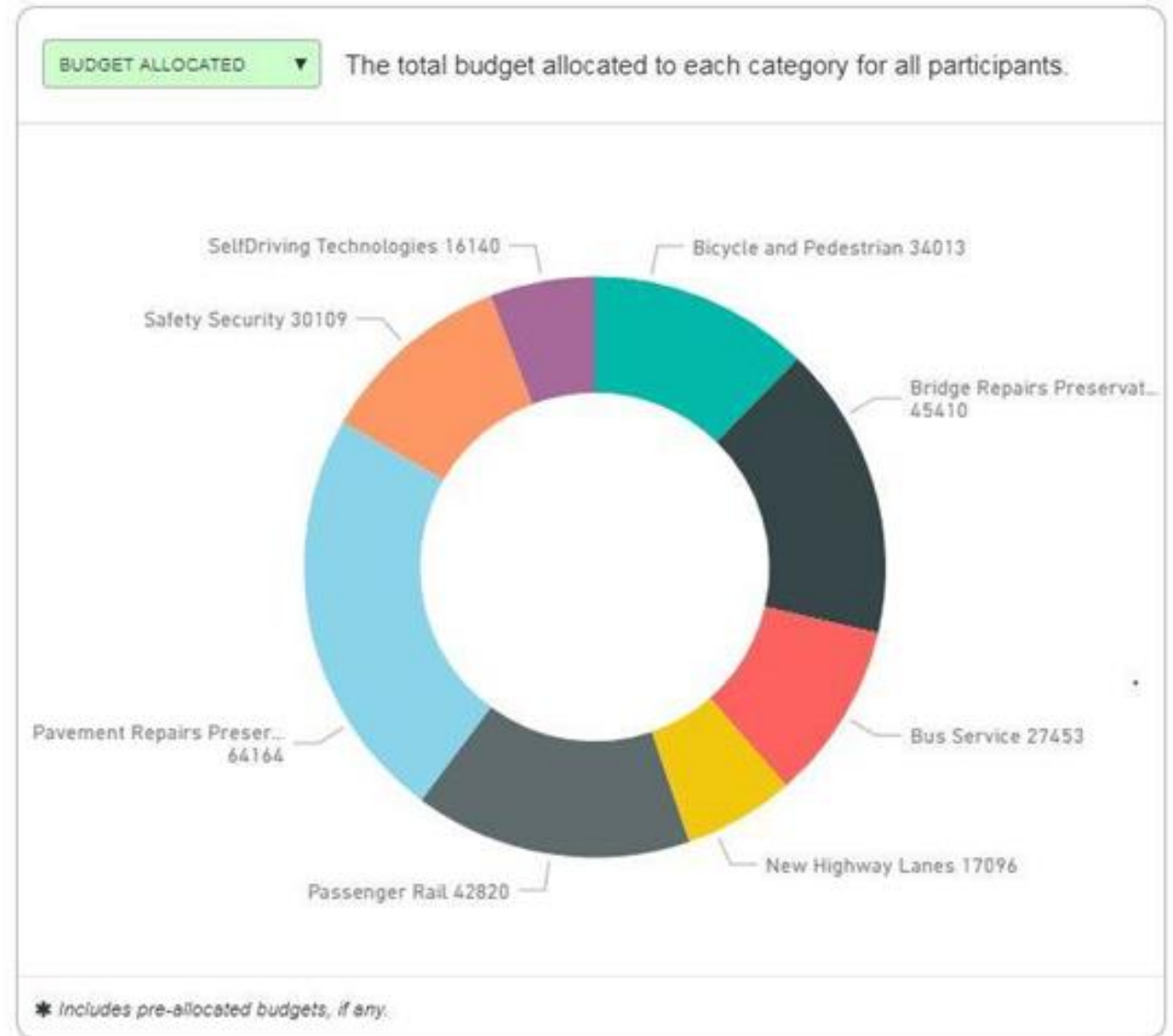
# MetroQuest Survey - Initial Results



# MetroQuest Results – Budget Allocation



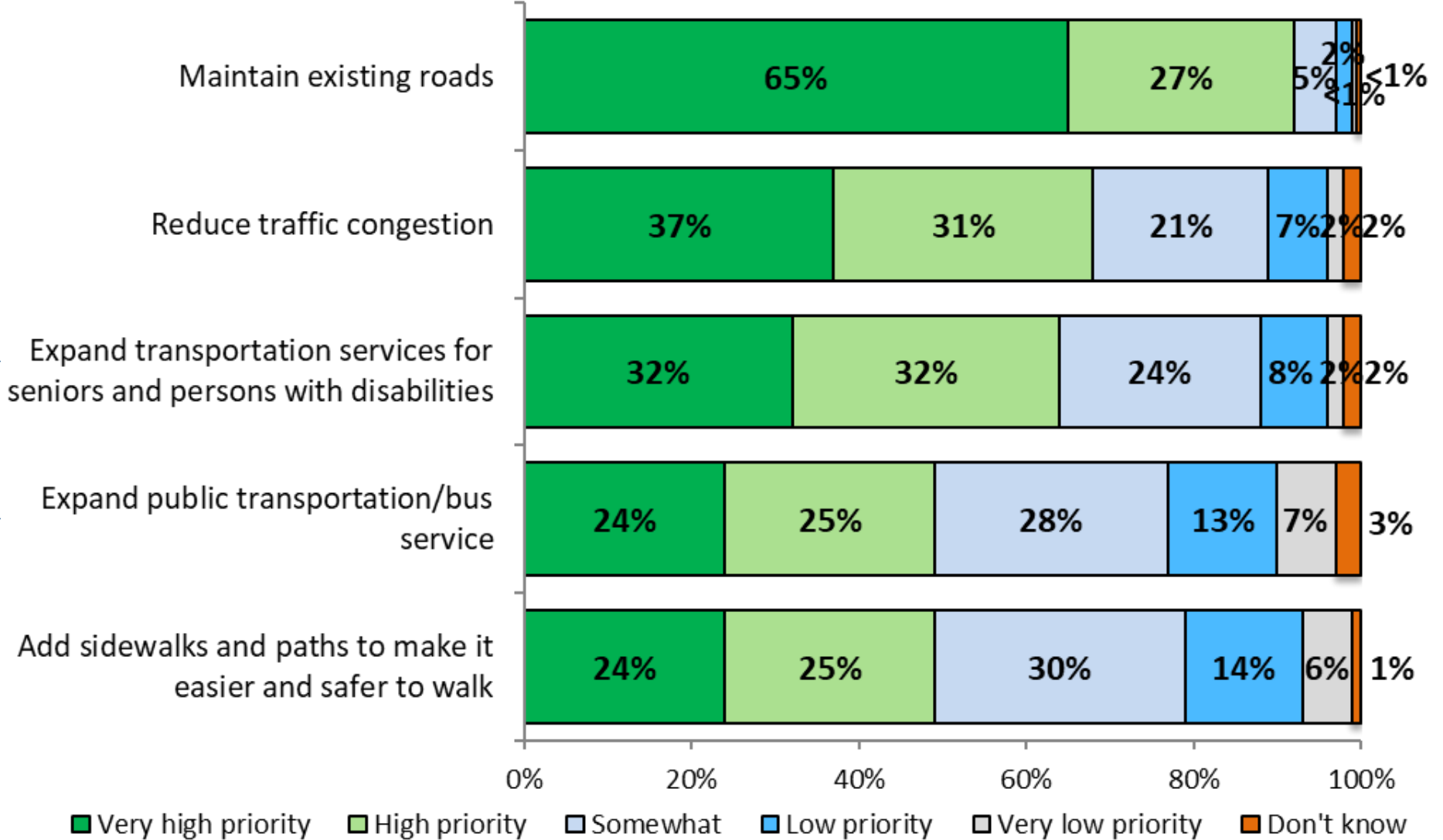
Investing In Transportation		
	Points	Percent
Pavement Repairs and Preservation	64,164	23%
Bridge Repairs and Preservation	45,410	16%
Passenger Rail	42,820	15%
Bicycle and Pedestrian	34,013	12%
Safety and Security	30,109	11%
Bus Service	27,453	10%
New Highway Lanes	17,096	6%
Self-Driving Technologies	16,140	6%
<b>Total</b>	<b>277,205</b>	<b>100%</b>



# Attitudes & Perceptions Survey



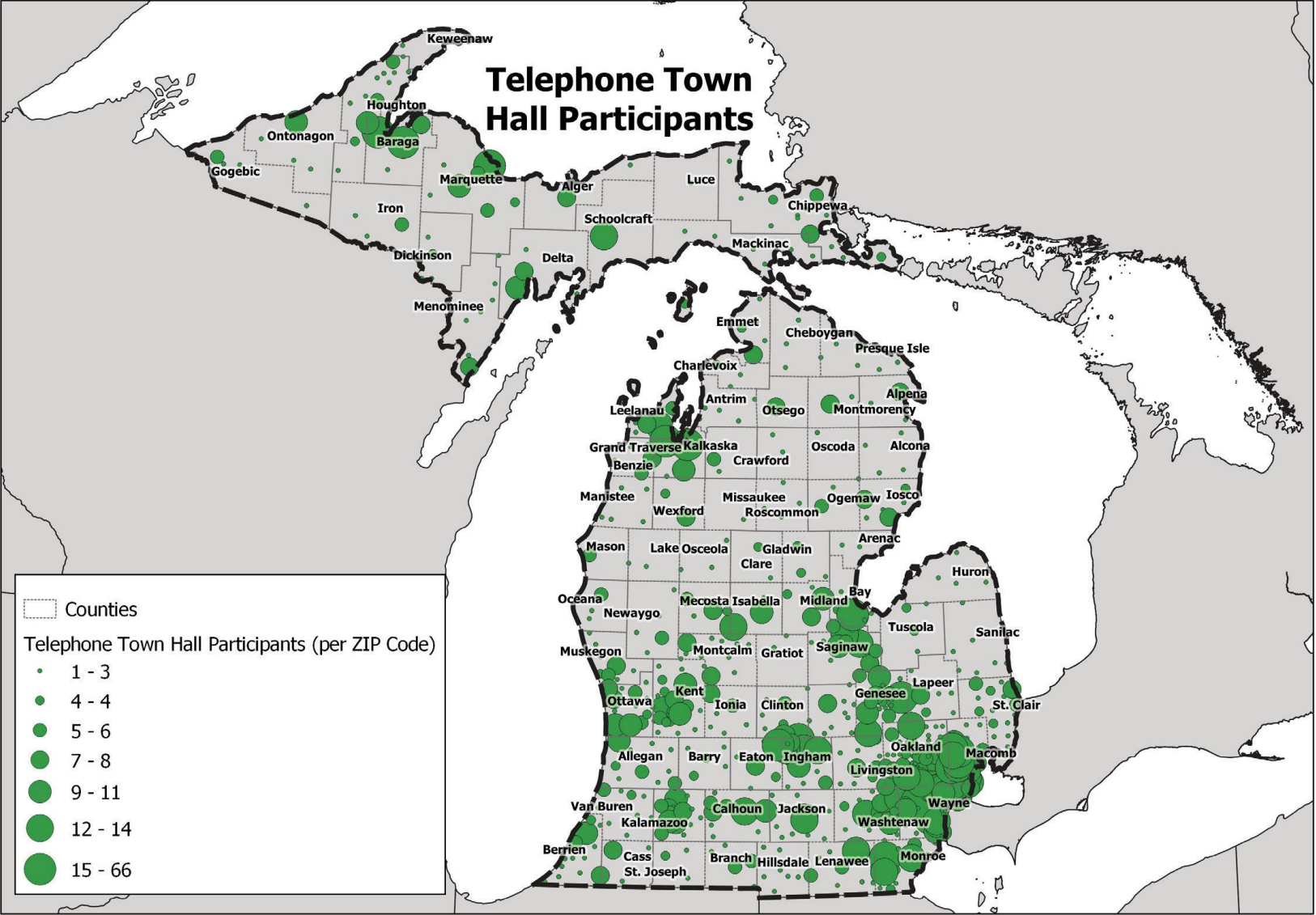
## Top 5 Priority Michigan Transportation Issues



88% - Very High, High or Somewhat a Priority

77% - Very High, High or Somewhat a Priority

# Telephone Town Hall Participants



# Statewide Findings

- Repairing and maintaining existing roads and bridges is the top priority
- Maintaining existing transportation systems was a major theme
- Passenger rail ranked high in budget allocation
- Quality of life -- investment that promotes prosperity, health, sustainability, air and water quality, and multimodal transportation options that are accessible and reliable
- Transportation options for the elderly and disabled
- Addressing traffic congestion
- Issues that consistently ranked as low priorities were preparing for self-driving vehicles and expansion of the transportation system, such as, adding new lanes to highways.

# MM2045 Key Stakeholder Group

- External partner review group
- Roles and Responsibilities
  - Represent interests of their agency/association to ensure that MM2045 addresses their needs
  - Review key deliverables, contribute feedback
  - Serve as an advisory board for MDOT core team and Leadership Team
  - Participate in development of MM2045 vision, goals, objectives and performance measures
- MAC Representatives
  - Bryan Budds, MAC

# MDOT Leadership Team Input

## Vision needs to consider:

- Future-focused
- Safety
- Economy
- New Technologies
  - Connected and Autonomous Vehicles
  - Automation
  - Drones
- Education
- Innovation



# Visioning Workshop



- June 2019 – Lansing, MI
- 65 people attended
- Diverse set of stakeholder groups
- Crafted draft vision statement





# Visioning Workshop – Participants

## Outside Agencies

- Advocacy Groups
  - Bicycle
  - Construction Industry
  - Environmental
  - Fitness/Health
  - Freight
  - Municipal
  - Passenger Rail
  - Planning
  - Transit
- Federal Agencies
- Governor's Office
- Metropolitan Planning Organizations
- Other State Agencies
- Regional Planning Agencies
- Universities

## MDOT

- Aeronautics
- Bridge
- Design
- Development
- Economic Development
- Enterprise Information Management
- Environmental
- Field Services
- ITS
- Passenger Transportation
- Planning
- Rail
- Regions
- Transportation Systems Management & Operations

A word cloud of transportation-related terms. The most prominent words are 'Users' and 'Feedback', both in large blue font. Other significant words include 'Sustainably' (written vertically on the left), 'Efficient' (written vertically on the right), 'Partnerships', 'People-Focused', 'Resiliency', 'Innovation', 'Society', 'Innovative', 'Leadership', 'MDOT', 'Options', 'Technology', 'Multimodal', 'Collaboration', 'Quality', 'Future-Focused', and 'Adaptable'. Smaller words include 'Public', 'Equitable', 'Life', 'Funded', 'Connected', 'Freight', 'Reliable', 'Safe', 'Economic', 'Vitality', 'Mobility', 'Convenient', 'Stakeholder', 'Maintained', and 'New'. The words are arranged in a roughly triangular shape, with 'Users' and 'Feedback' at the top and 'Adaptable' at the bottom.

Partnerships  
Public  
Equitable  
Life  
People-Focused  
Resiliency  
Innovation  
Funded  
Society  
Innovative  
Connected  
Freight  
Users  
Reliable  
Leadership  
Feedback  
MDOT  
Options  
Sustainably  
Efficient  
Safe  
Economic  
Technology  
Vitality  
Mobility  
Convenient  
Multimodal  
Collaboration  
Stakeholder  
Maintained  
Quality  
Future-Focused  
Adaptable  
New

# Michigan Mobility 2045 Vision

“In 2045, Michigan’s mobility network is **safe, efficient, future-driven,** and **adaptable**. This interconnected **multimodal** system is **people-focused, equitable, reliable, convenient** for all users and enriches Michigan’s **economic and societal vitality**.

Through **collaboration and innovation**, Michigan will deliver a **well-maintained and sustainably-funded** network where strategic investments are made in **mobility options** that **improve quality of life, support public health,** and **promote resiliency**.”

# Aeronautics Examples - Vision

- Discussion – Aero efforts consistent with vision
  - Specific projects
  - Initiatives
  - Examples of efforts

# Project Schedule



- January – April 12, 2019 - Public Comment Period – Visioning
- Summer 2019 – Establish Final Vision for the Plan
- Fall 2019 – Winter 2020 – Goal Setting and Strategy Development
- Winter 2020 – Summer 2020 – Develop MM2045 Plan Document
- Fall 2020 – Draft MM2045 Plan Completion – Public Comment
- January 2021 – Final MM2045 Plan Adoption



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