

# Transportation Commission

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May 17, 2017



**MKSK**

TRANSPORTATION COMMISSION  
*City of Ann Arbor*

# Regional Transportation Planning Overview

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- WATS
- SEMCOG
- MDOT
- AAATA
- RTA



# Regional Transportation Planning Overview

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- Various agencies have transportation plans
- City planning considers those plan recommendations
- City process engages other agencies

# 2009 Transportation Master Plan Overview

- Executive Summary
- Vision, Goals and Strategies
  - Shaped by stakeholder committee and public input
- Action Plan Recommendations
- Basis for the Plan
  - Includes review of previous plans and existing conditions/data evaluation
- Future Conditions
  - Projections based on alternate land use scenarios
- Future Alternatives
- Appendices
  - Includes model ordinance language



***The City of  
Ann Arbor  
Transportation  
Master Plan  
Update***

*May 2009*

*Prepared for:*

The City of Ann Arbor  
100 N. Fifth Avenue  
Ann Arbor, Michigan 48104  
[www.a2gov.org](http://www.a2gov.org)

*With the following Cooperating Agencies:*

- University of Michigan
- Ann Arbor Transit Authority (AATA)
- Washtenaw Area Transportation Study (WATS)

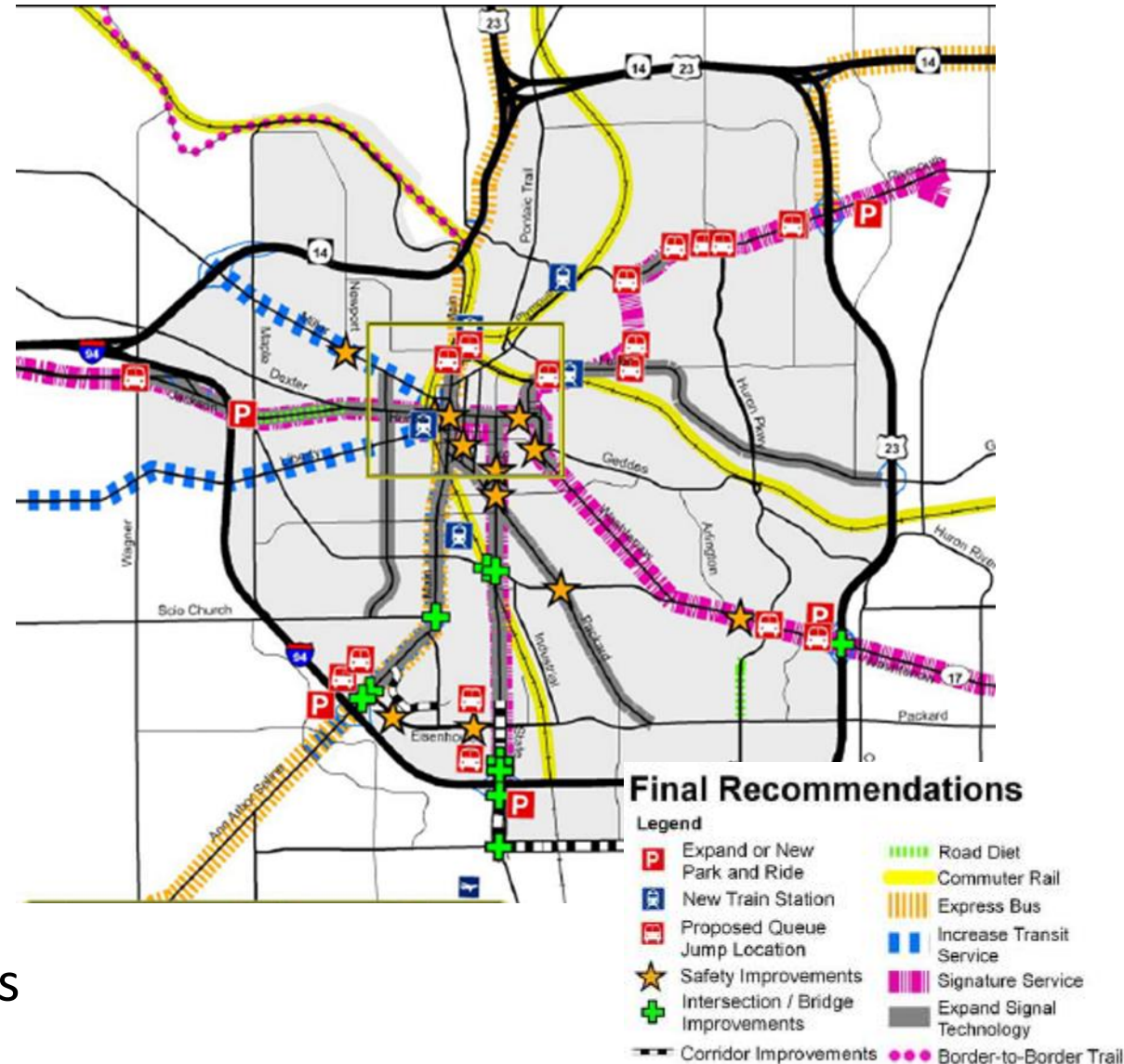
*Project Consultants:*

- Parsons Brinckerhoff Michigan, Inc.
- LSL Planning, Inc.



# Plan Goals (summarized)

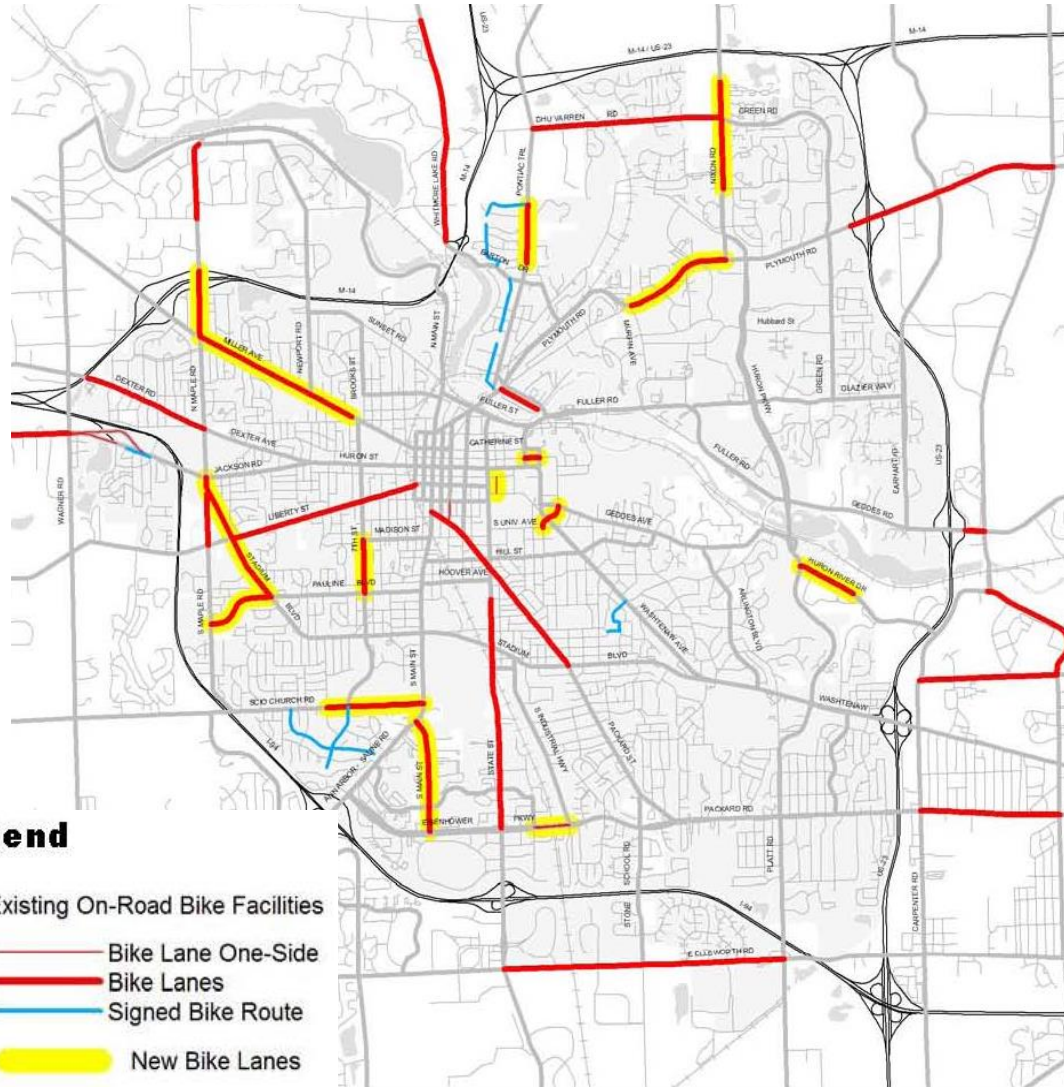
- Access and mobility for people and goods
- Preserve energy and historic/natural resources
- Safe, attractive and secure transportation system
- Invest in transportation system upgrades
- Collaboration with other agencies, communities and the University of Michigan
- Meaningful public engagement in transportation projects
- Integrate land use and transportation decisions
- Promote green transportation improvements



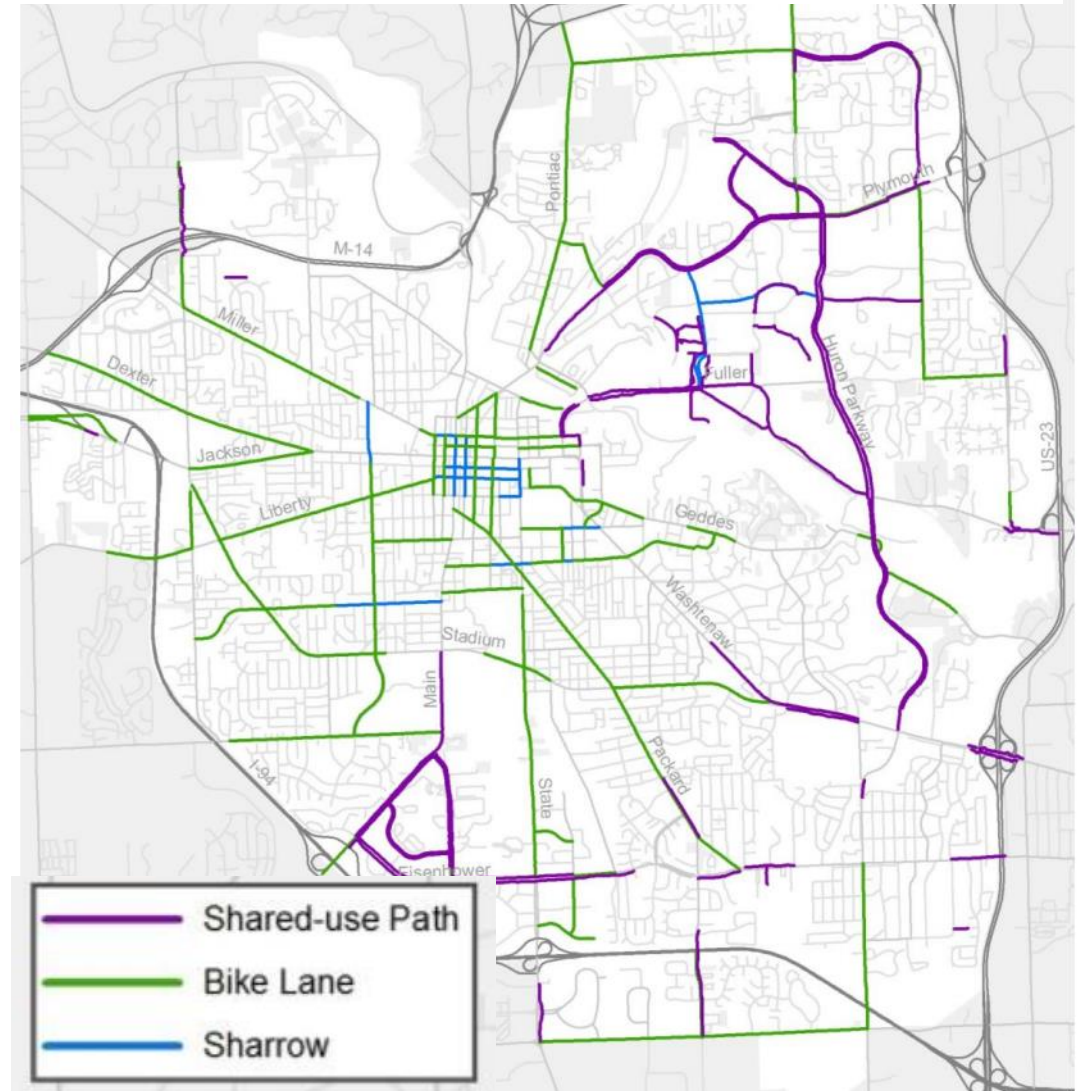


# Non Motorized Transportation Plan

## 2006 On-Road Bicycle Facilities



## 2015 Bicycle Facilities

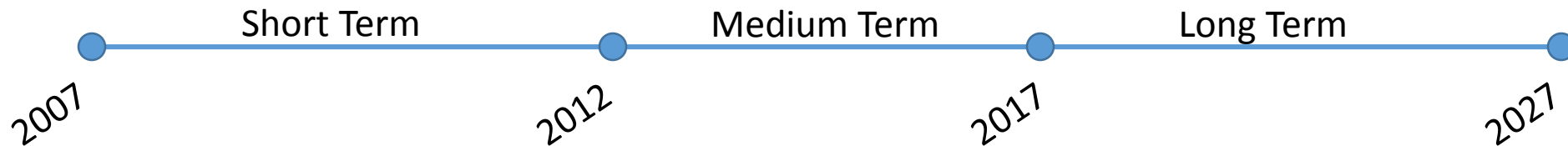


# Key Objectives and Themes:

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- Increase use of walking, biking, and transit
- Accommodate city growth without increase in vehicle traffic
- Less reliance on fuel consumption
- Minimize roadway widening

## Schedule of Implementation:



# Recommendations Overview – *Implemented*

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## **Intersection and Road Improvement Projects:**

- Expand signal technology
- Road diet feasibility studies for Platt and Huron Parkway
- Select intersection improvements (Ann Arbor/Saline, N Main/Depot, Platt/Washtenaw)
- Select intersection safety/traffic signal warrant studies
- Deploy “intelligent transportation” elements as part of street and transit projects
- Pilot projects for new road designs
- Stadium Bridges including continuing Stadium Blvd Reconstruction

## **System Management Projects:**

- Real time parking availability information downtown
- Neighborhood traffic calming program



# Recommendations Overview – *Implemented*

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## **Active Transportation Projects (Non-motorized):**

- Complete Huron River Greenway
- 51 major and 13 minor Mid-block pedestrian crossings installed
- 59.9 miles of new bike facilities
- 18 Rectangular Rapid Flashing Beacons (RRFBs) and 1 High Intensity Activated CrossWalk (HAWK Pedestrian Hybrid Beacon) installed

## **Transit Projects:**

- AirRide service to Metro Airport
- Plymouth and US-23 Park and Ride Lot
- Expanded service and route adjustments
- Expanded service hours



# Recommendations Overview – *Implemented*

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## **Intersection and Road Improvement Plans:**

- Nixon Road Corridor
- South State Street Corridor
- Downtown Parking Management Plan
- Oakbrook extension study

## **Transit Plans:**

- (ReImagined) Washtenaw Ave
- Study AAATA park and ride interceptor lots
- Select transit actions such as study AMTRAK station relocation
- Connector Feasibility and Alternatives Analysis

## **Non-motorized Plans:**

- Update Non-Motorized Plan
- Allen Creek Greenway Master planning underway
- Allen Creek Berm Opening Trail and Tunnel in design

# Recommendations Overview – *Outstanding*

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## **Policy and Ordinance Based:**

- Reconsider C as the traffic Level of Service in the downtown
- Establish minimum pedestrian and bike levels of service
- Transit Oriented Development Overlay district or form-based code in City Planning Commission's 2017/2018 Work Plan
- Assess "Place-Based" TIFA for street design enhancements
- Refine the Traffic Impact Study Ordinance into a Transportation Impact Analysis (developer traffic studies)
- Enact access management regulations along the major outlying corridors
- Hire a city-wide Travel Choices Coordinator

# Recommendations Overview – *Outstanding*

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## **Plans and Projects:**

- Passenger rail service to/from Detroit and Howell
- Ellsworth Road Corridor Study (State to east of Platt Road)
- I-94 off-ramp at State Street
- Regional-to-downtown park & ride AAATA lots



# Why Update the Transportation Master Plan?

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- Integrate new city policies
- Merge the Transportation Plan and Non-Motorized Transportation Plan
- Identify major capital improvements for future incorporation to the Capital Improvements Plan (CIP)
- Opportunity for a fresh look at data, trends, technology, and new best practices
- Develop implementation strategy for outstanding recommendations from the 2009 Plan and newly identified needs
- Provide opportunity for public and stakeholder input





# Changes to the Transportation Discussion Since 2009

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- Vision Zero
- Michigan Complete Streets Law
- NACTO Guidelines
- Roundabouts
- Multi-modal
- New data and modeling tools
- Quick build transportation – interim design to test results
- Measuring performance
- Car share and ride hailing (Zip Car, Uber, Lyft)
- Technology changes (signalization), Real time traveler information, smart transportation
- Distracted traveling
- Capital preventative maintenance



# Changes to the Transportation Discussion Since 2009

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## **Ann Arbor Specific:**

- Sustainability Framework
- Climate Action Plan
- ArborBike
- Several new roundabout intersections and more planned
- Formation of a 4-county Regional Transit Authority (RTA)
- Community-wide Safety Initiative
- Appointment of a Transportation Commission



# Changes to the Transportation Discussion Since 2009

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## Vision Zero

- *Beginning in Sweden in the late 1990's, Vision Zero is an approach that aims to **eliminate deaths and reduce injuries** caused by transportation incidents.*
- Reduce conflicts (ped/bike with traffic, driveways)
- Lower traffic speeds (where appropriate)
- Improve sidewalk and bike facility conditions
- Safer and increased number of crosswalks
- Redesign streets and intersections
- Reduce distracted driving

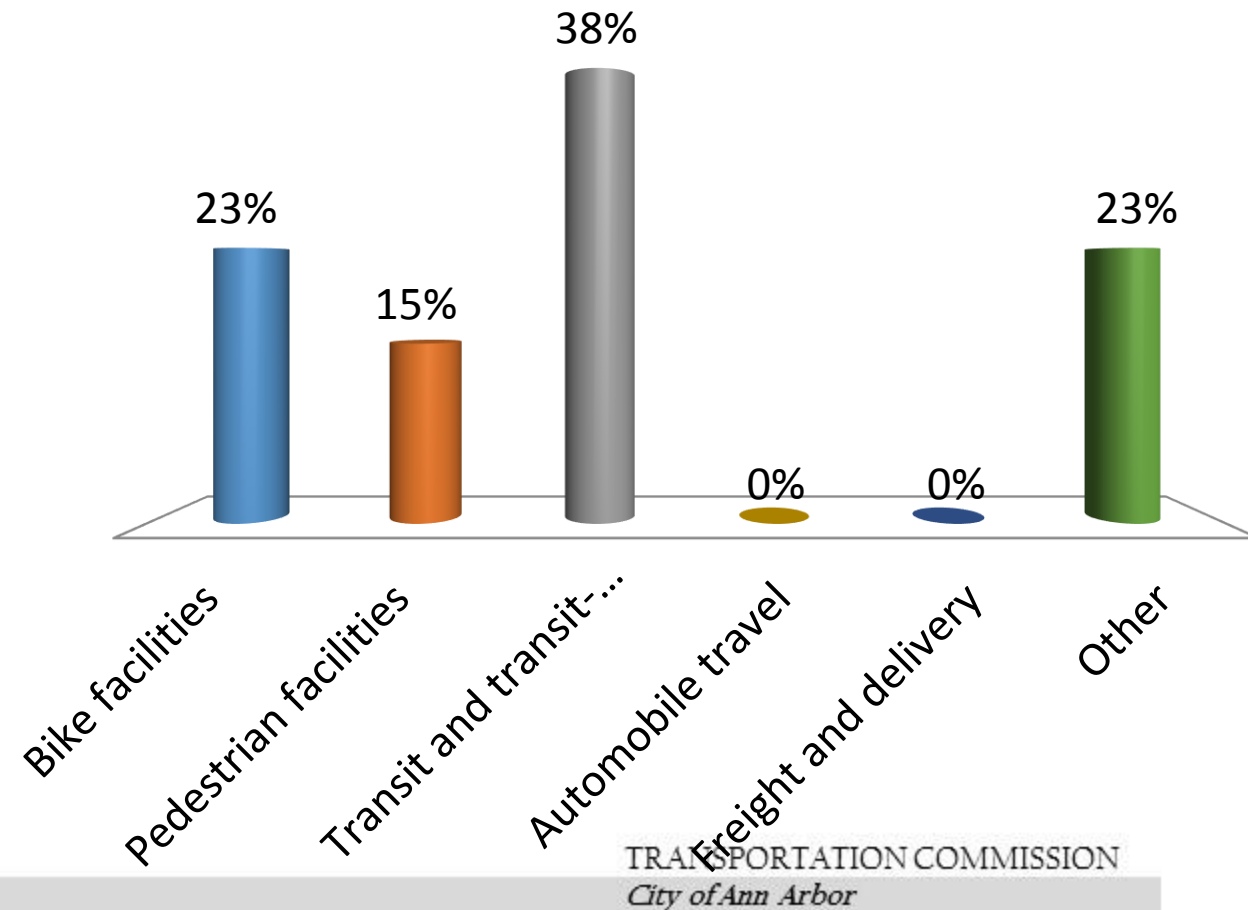


# Discussion

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# What element of the transportation system are you most interested in?

- A. Bike facilities
- B. Pedestrian facilities
- C. Transit and transit-oriented development
- D. Automobile travel
- E. Freight and delivery
- F. Other



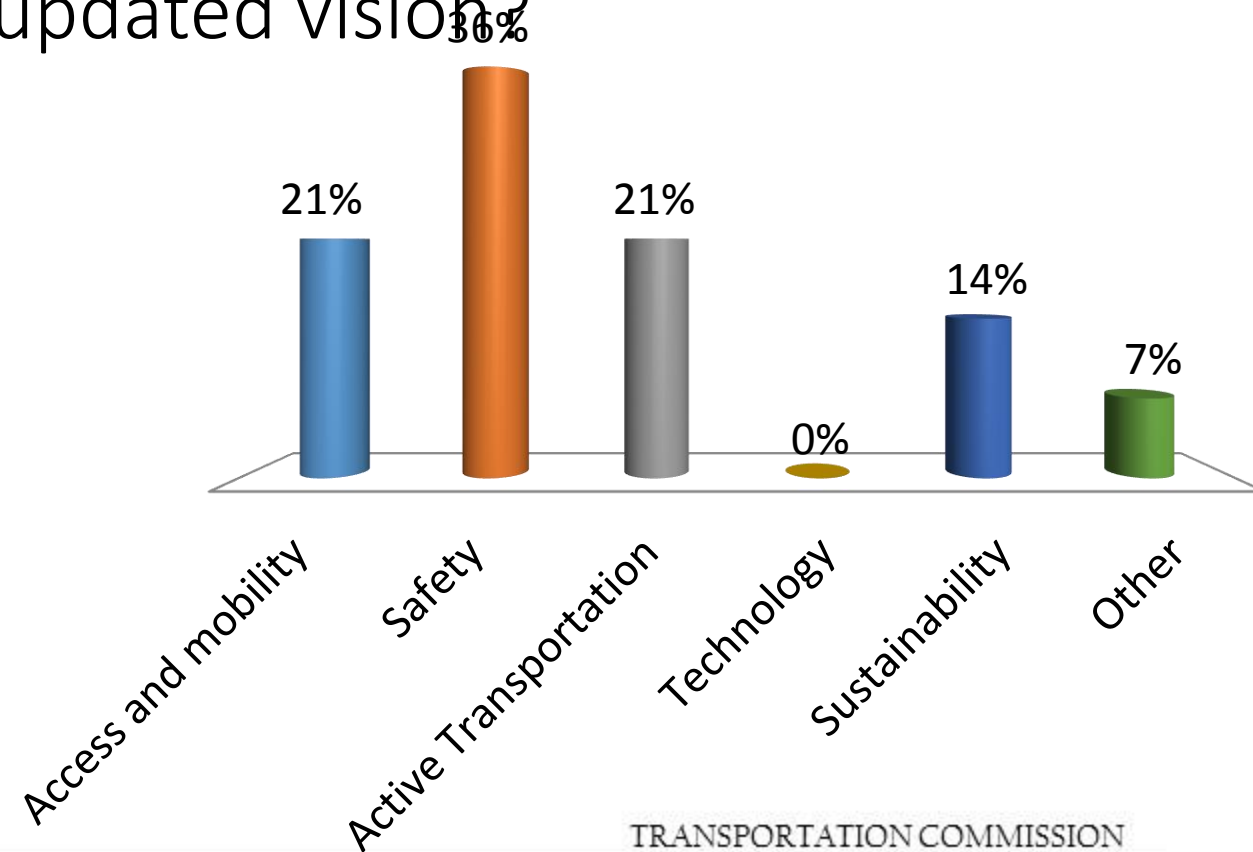


The following is the 2009 Transportation Plan's vision:

*"An integrated multi-modal system that will build upon the unique qualities of each part of the city"*

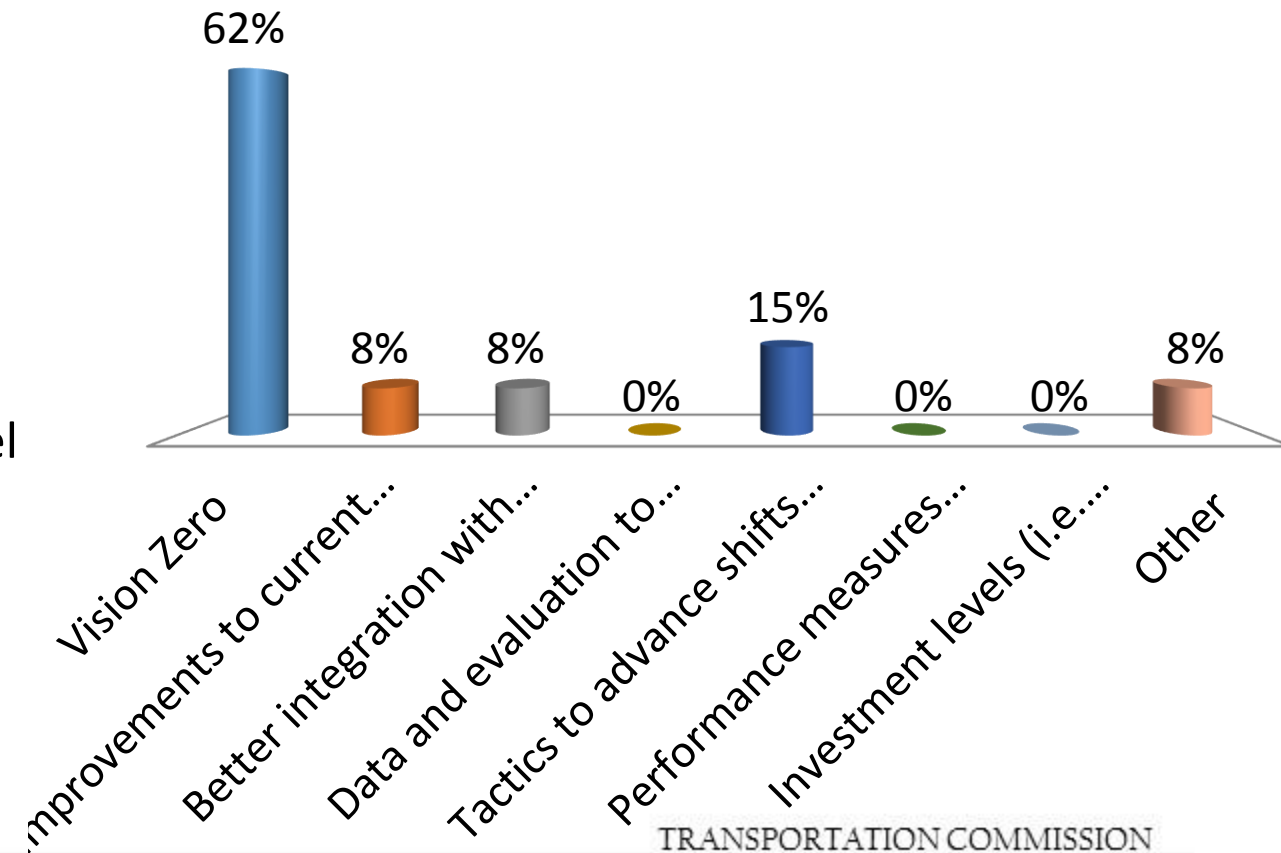
What element do you believe should receive the most increased emphasis in the Plan's updated vision?

- A. Access and mobility
- B. Safety
- C. Active Transportation
- D. Technology
- E. Sustainability
- F. Other



# What special topics are you most interested in seeing as part of the Transportation Plan Update?

- A. Vision Zero
- B. Improvements to current transportation infrastructure
- C. Better integration with State highway system
- D. Data and evaluation to identify trends and needs
- E. Tactics to advance shifts from single occupancy vehicles to other modes of travel
- F. Performance measures and monitoring progress
- G. Investment levels (i.e. opportunities for increasing transportation spending)
- H. Other

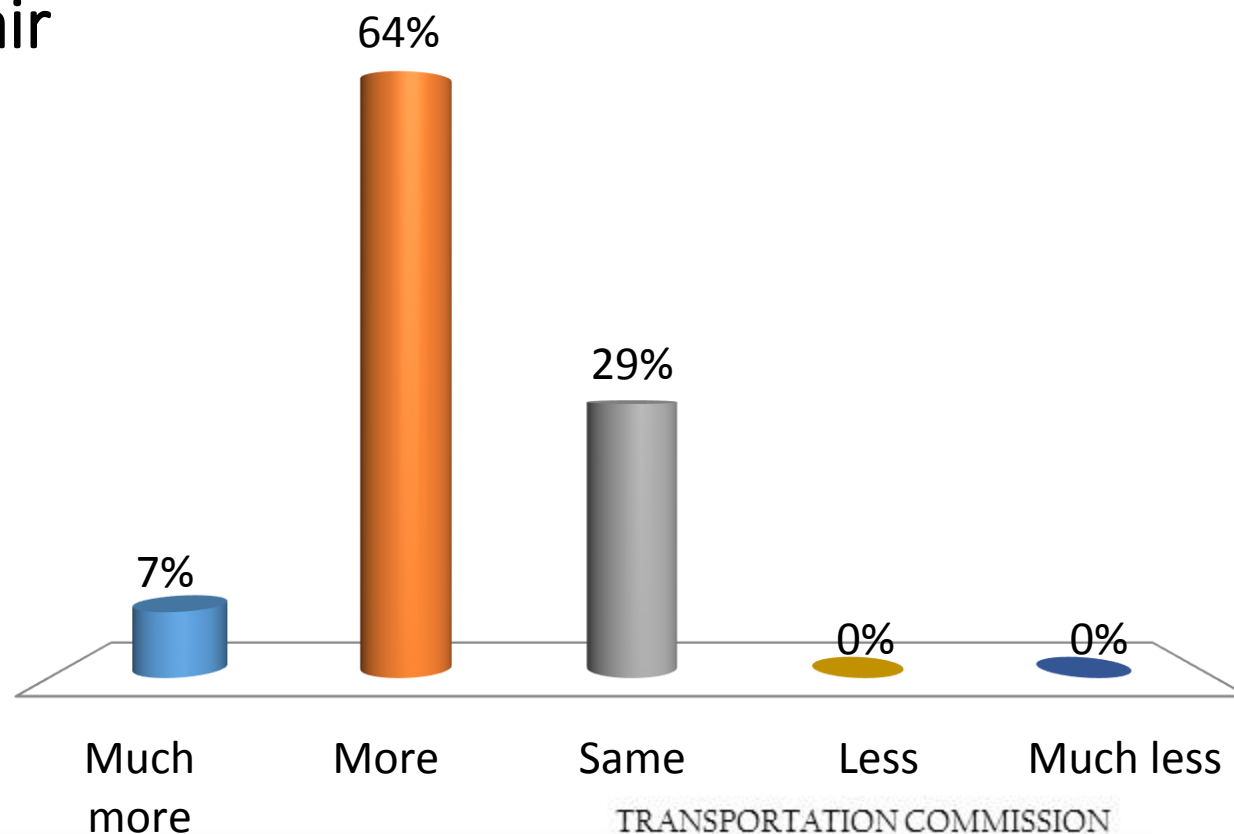


*Ann Arbor's performance for 'street repair' measures lower than any other indicator in the City of Ann Arbor 2015 National Citizen Survey, with only 21% positive responses.*

Given the City's limited resources for transportation, how much emphasis should the Transportation Plan place on:

### Roadway maintenance and street repair

- A. Much more
- B. More
- C. Same
- D. Less
- E. Much less



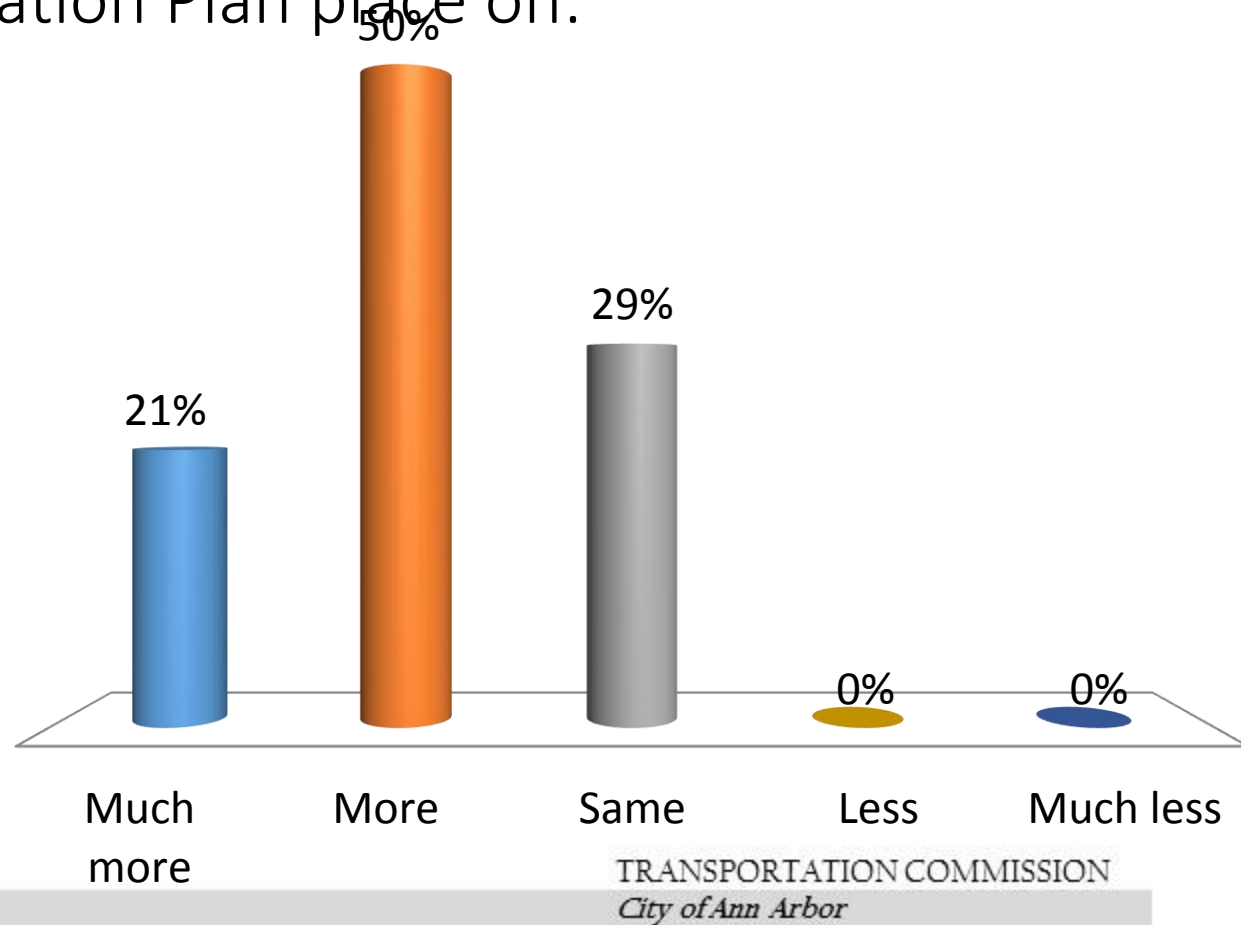
TRANSPORTATION COMMISSION  
City of Ann Arbor

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Given the City's limited resources for transportation, how much emphasis should the Transportation Plan place on:

### **Developing planning policy**

- A. Much more
- B. More
- C. Same
- D. Less
- E. Much less

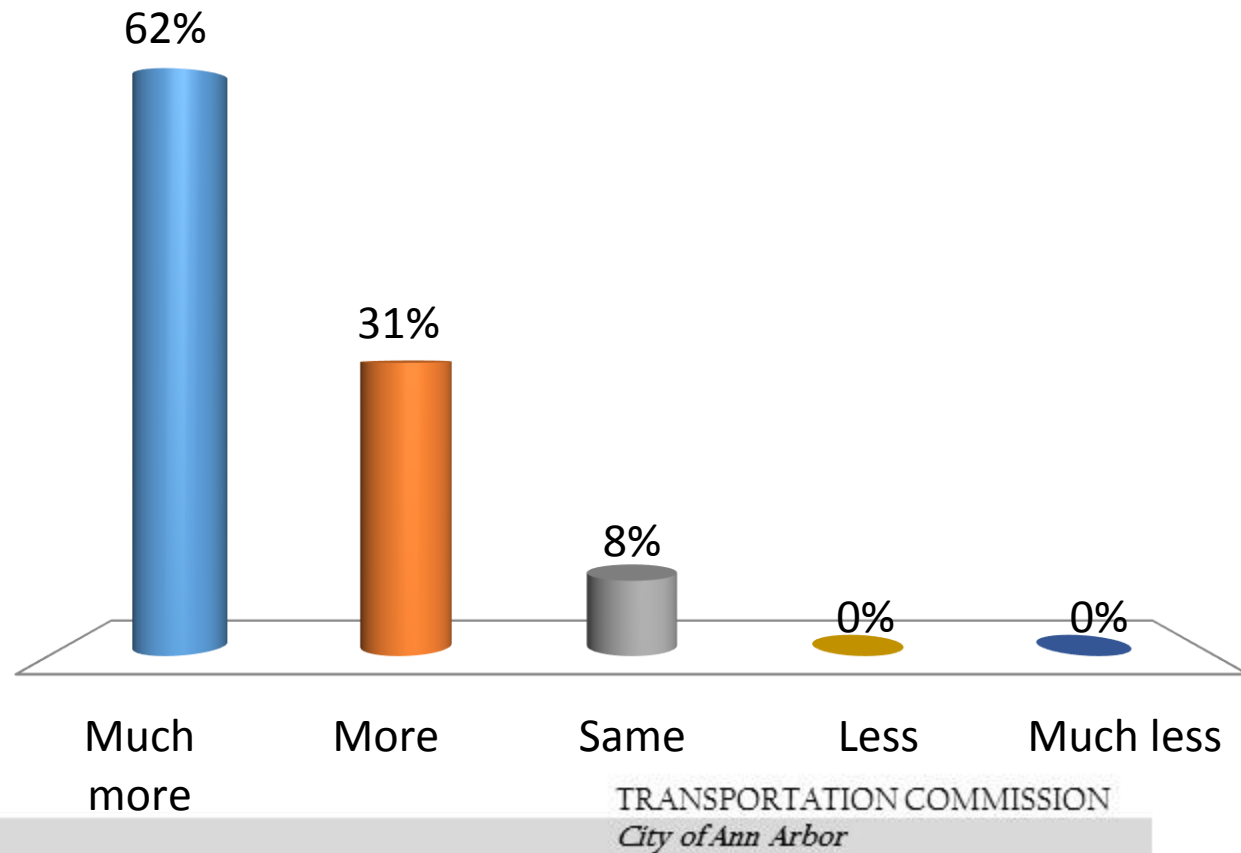


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Given the City's limited resources for transportation, how much emphasis should the Transportation Plan place on:

## Safety

- A. Much more
- B. More
- C. Same
- D. Less
- E. Much less



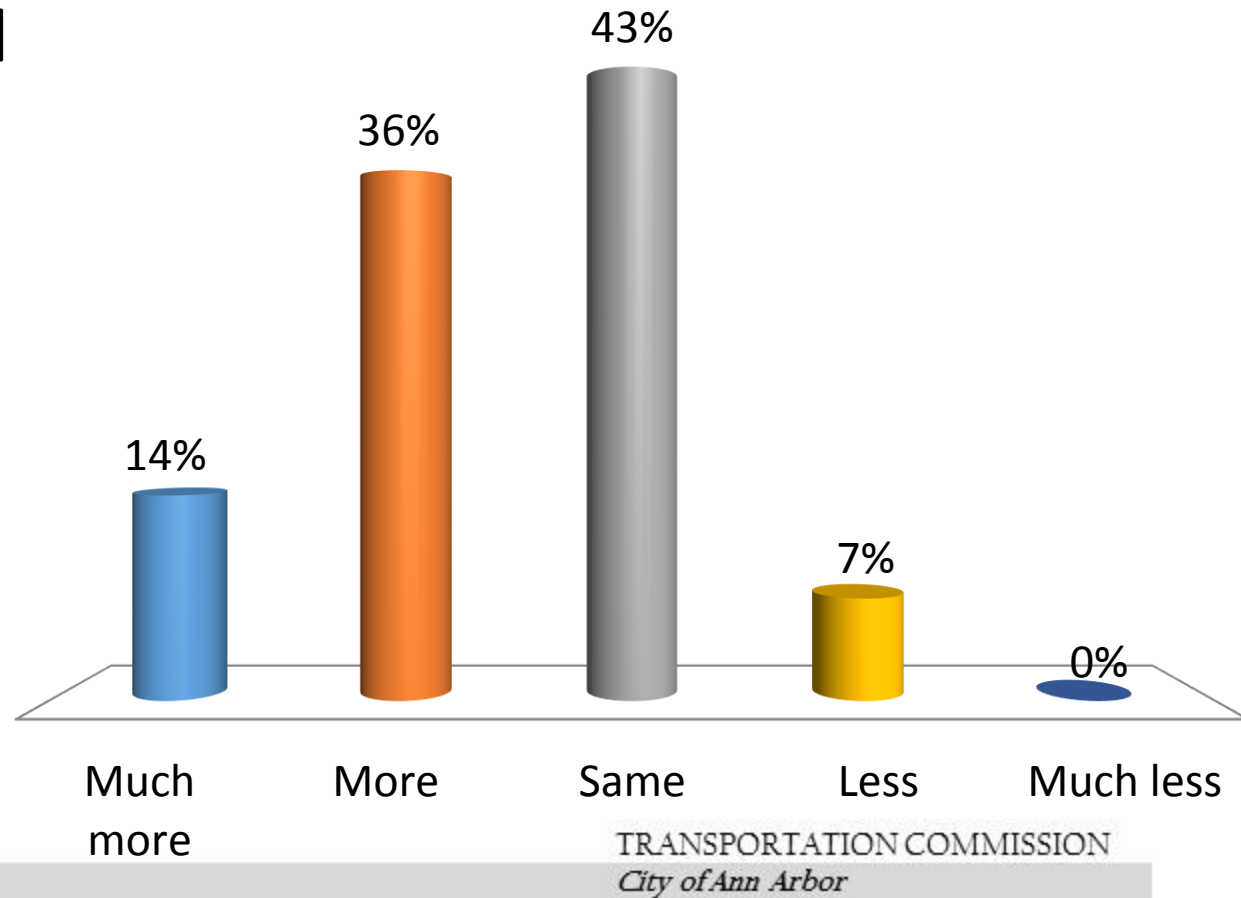


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Given the City's limited resources for transportation, how much emphasis should the Transportation Plan place on:

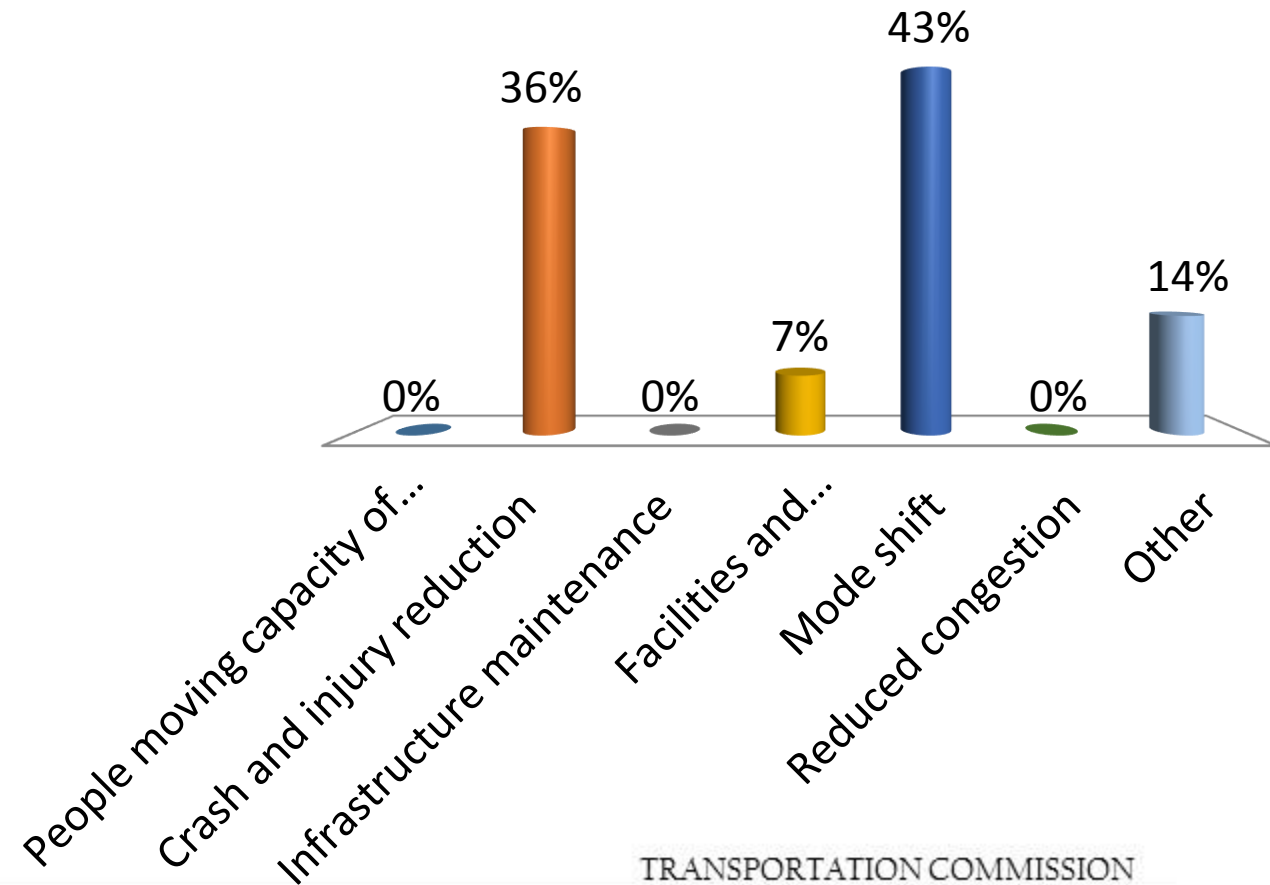
### Mitigating the effects of regional travel

- A. Much more
- B. More
- C. Same
- D. Less
- E. Much less



# What indicators should be prioritized when measuring the updated Transportation Plan's performance?

- A. People moving capacity of the system
- B. Crash and injury reduction
- C. Infrastructure maintenance
- D. Facilities and infrastructure expansion
- E. Mode shift
- F. Reduced congestion
- G. Other



# Discussion

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# Transportation Plan Update Discussion

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- What do you think works best about Ann Arbor's existing transportation system?
- Where do you see the greatest opportunity to improve the transportation system?
- Describe what you think should be the focus of the Transportation Plan update.