

# Freight Transportation



## FREIGHT TRANSPORTATION INCLUDES:

Trucking 

Maritime 

Rail 

Aviation 

## INDUSTRIES THAT DEPEND ON FREIGHT:

Agriculture 

Construction 

Manufacturing 

Chemical 

Energy 

Retail 

### Personal Freight Transportation Issues May Include:

- Truck accidents/safety issues
- Truck double parking
- Increased truck traffic
- Passing Trucks
- Truck noise/railyard noise
- Delays at railroad crossings

### Regional Freight Transportation Issues May Include:

- Wear and tear on infrastructure
- Interstate highway congestion
- Lack of truck parking and amenities
- Environmental issues
- Timely delivery of products
- Hazardous material spills/leaks

What concerns do you have regarding freight transportation?

# Transportation Safety



## SAFETY ISSUE CONTRIBUTORS INCLUDE:

Technology

Road design

Weather

Human error

## MODES WITH THEIR OWN SPECIFIC SAFETY ISSUES:

Personal drivers

Public transit users

Commercial drivers

Bicyclists

Rail users

Pedestrians

### Personal Safety Issues May Include:

- Distracted drivers
- Speeding/aggressive drivers
- Poorly lit roadways
- Drivers under the influence
- Drivers who don't know how to drive in bad weather
- Poor signal timing

### Regional Safety Issues May Include:



- Dangerous intersections
- People not obeying traffic laws
- Opioid epidemic/impaired drivers
- Increase in senior drivers
- Lack of sidewalks/bike lanes
- Need for improved railroad crossings



What concerns do you have regarding transportation safety?

# Transportation Alternatives



## TRANSPORTATION ALTERNATIVES INCLUDE:

Walkers       Bicyclists 

Skaters       E-Bikes & Scooters 

## TRANSPORTATION ALTERNATIVES BENEFITS:

Better Air Quality       Increased Tourism 

Reduces Congestion       Cheaper Options 

Improves Health       Quality of Life 

### Personal Transportation Alternative Issues May Include:

- Poorly maintained sidewalks/non-existent sidewalks
- Poorly maintained bicycle routes/non-existent bicycle routes
- Bike-share program isn't available near me
- I don't know how to ride a bicycle/skate
- I don't feel safe crossing intersections
- Routes aren't well lit or signed

### Regional Transportation Alternative Issues May Include:

- Cyclists not following bicycle laws
- Drivers not following bicycle laws
- Too many cyclists without helmets
- Too many pedestrian/cyclist involved crashes
- Not enough of/poor condition of bike routes
- Not enough of/poor condition of sidewalks

What concerns do you have regarding transportation alternatives?

# Public Transit and Passenger Rail



## INCLUDES THE FOLLOWING MODES:

*Local Buses* 

*Light Rail* 

*Taxi* 


*Intercity Buses* 

*Streetcars* 

*Rideshare* 

## TRANSIT SERVES:

*Commuters* 

*People with Disabilities* 

*Students* 

*Choice Riders* 

*Elderly* 

### Personal Transit Issues May Include:

- Bus doesn't travel near my home/work
- There aren't enough passenger rail destinations
- Bus is delayed
- Passenger rail trains are delayed
- Bus stops lack wheelchair ramps or have obstacles in the way
- Not enough intercity options

### Regional Transit Issues May Include:





- Different funding structure for transit
- A commuter rail line to Detroit/Detroit Metro Airport/Ann Arbor
- More express bus routes
- More passenger rail destinations
- More frequent/different timing of transit options
- More rideshare options

What concerns do you have regarding public transit and passenger rail?

# System Performance



## PERFORMANCE FACTORS INCLUDE:

*Pavement Condition*  *Congestion*   
*Bridge Condition*  *Travel Reliability* 

## SYSTEM PERFORMANCE CAN AFFECT:

*Commute Times*  *Environment*   
*Freight Delivery*  *Gas Consumption*   
*Emergency Response*  *Quality of Life* 

### Personal System Performance Issues May Include:

- Crashes
- Bumpy roadways / potholes
- Traffic jams
- Getting across the Maumee River
- Narrow lanes
- Long commutes

### Regional System Performance Issues May Include:

- More lanes on roadways
- Intersection improvements
- Keeping roads smooth
- Air quality
- Additional river crossing options
- Weather events

What concerns do you have regarding system performance?