

# 20-Year State Highway Investment Plan

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MINNESOTA **GO**

## Transportation Day at the Capitol

March 1, 2023

# What is MnSHIP?



Directs capital funding on the 11,678 miles of state highways



Budgets for estimated funding over 20 years



Identifies investments by categories but is not project specific



Part of the Minnesota GO Family of Plans



# Why does MnSHIP matter?

MnSHIP investment direction guides the planning of projects and improvements on the state highway system

MINNESOTA GO  
50-YEAR VISION

Statewide Multimodal  
Transportation Plan



20-Year State  
Highway Investment Plan



**10-YEAR CAPITAL HIGHWAY  
INVESTMENT PLAN (CHIP)**

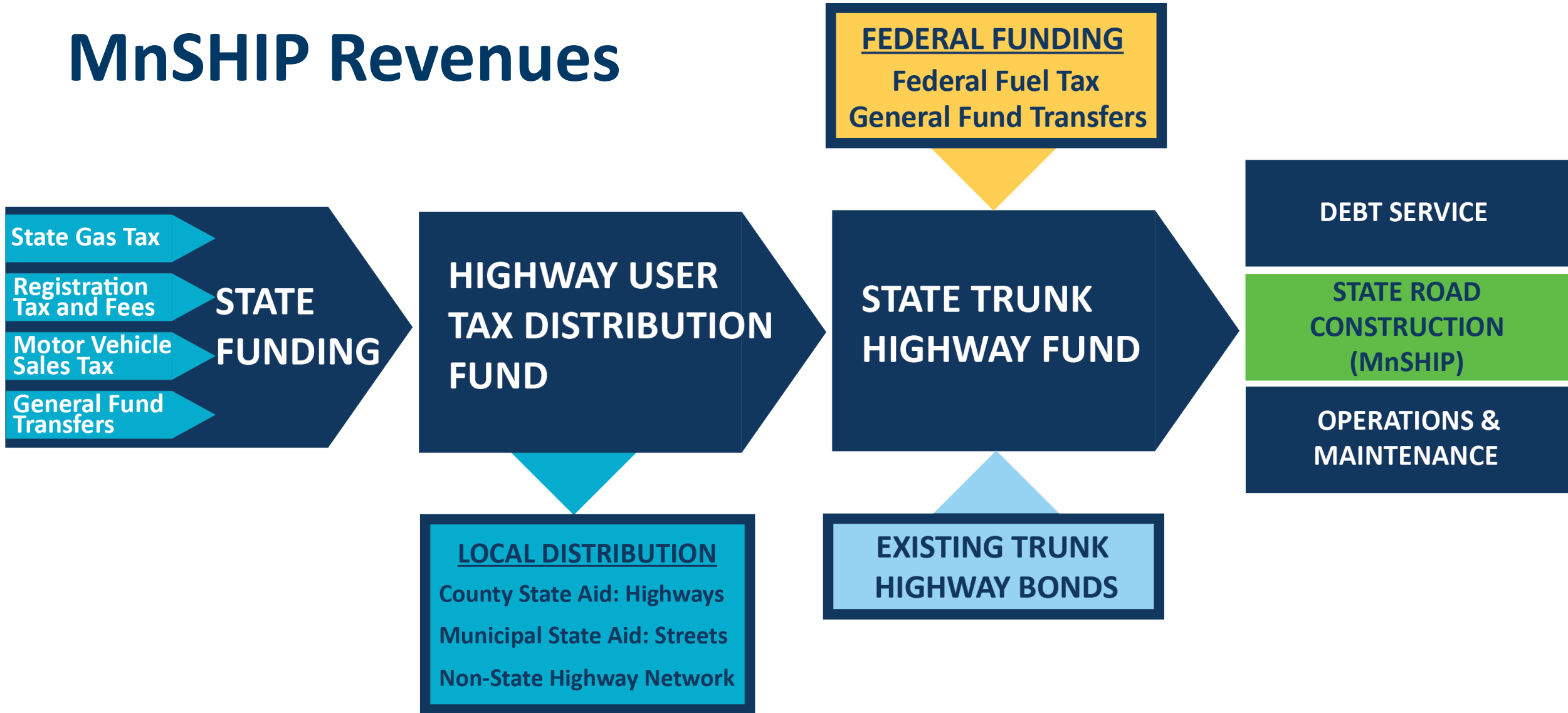
Project planning and development  
Updated annually

**4-YEAR STATE  
TRANSPORTATION  
IMPROVEMENT PROGRAM  
(STIP)**

Project design and its program

CONSTRUCTION

# MnSHIP Revenues





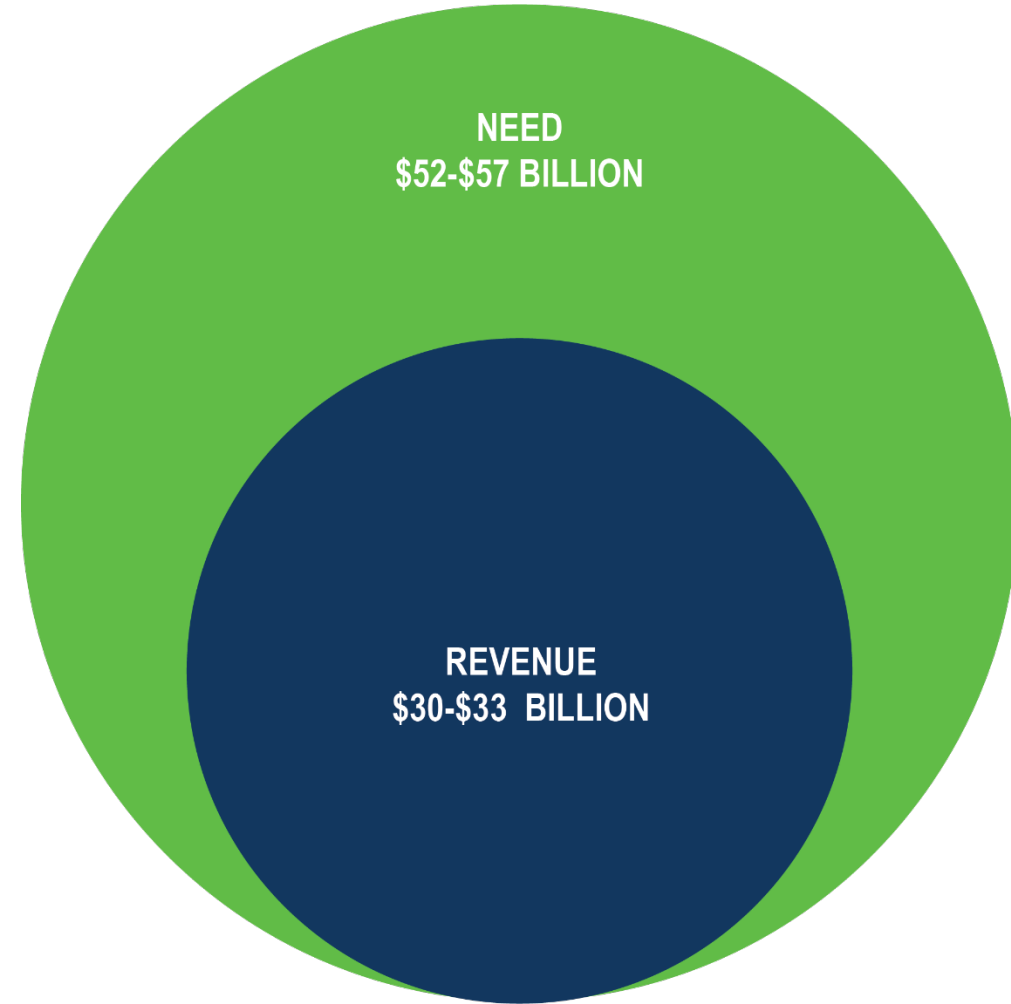
**How much revenue  
is estimated?**

**\$30-33 Billion**  
(2023-2042)



# Revenue vs. Need (2023-2042)

- **MnDOT is projecting a funding gap of between \$19 – \$27 billion**
- \$52 - \$57 billion is needed to meet our performance targets and other key goals on the state highway system
  - Low end of estimated need reflects Minnesota successfully achieving targets for reducing per capita Vehicle Miles Traveled (VMT)
- In addition to the needs identified by MnDOT, cities and counties have identified \$5-6 billion in priority investments on the state highway system



# 1<sup>st</sup> Public Engagement Period (2022)

**2,448** RESPONSES

**141** 

MEETINGS  
ATTENDED

**19** 

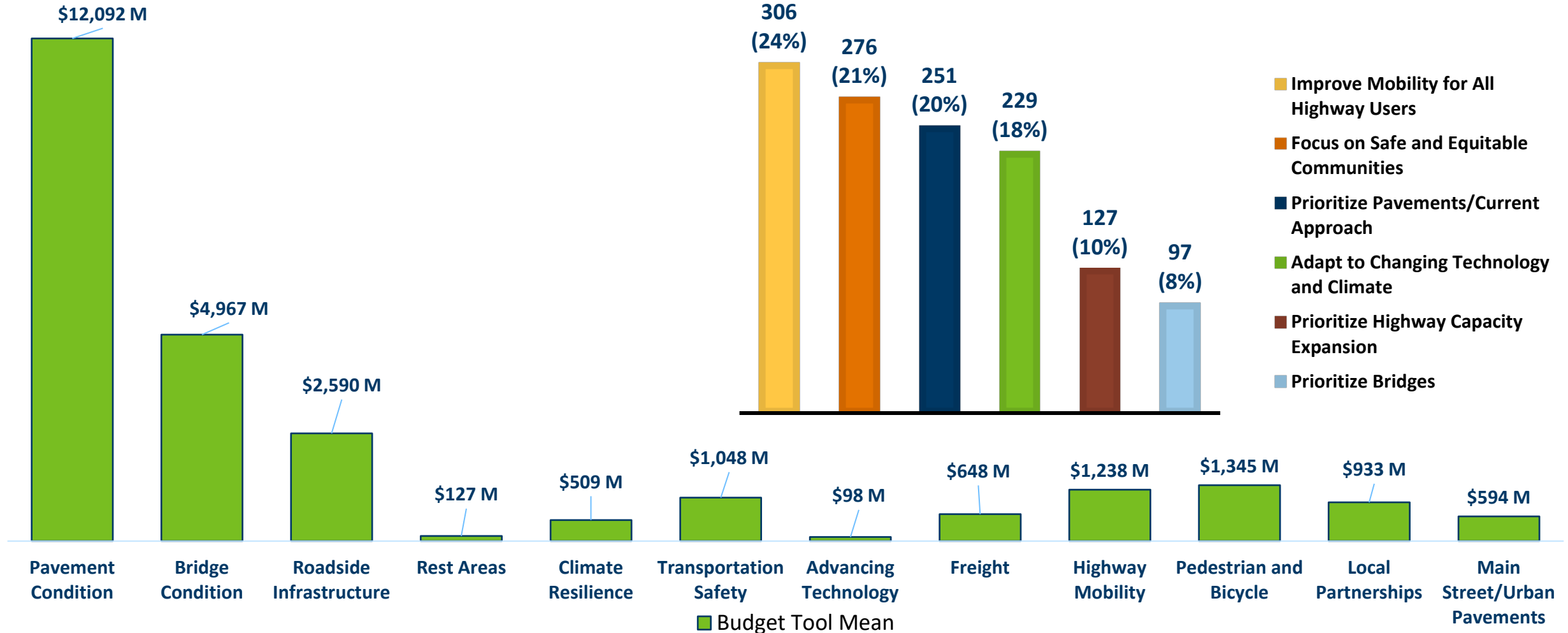
COMMUNITY  
EVENTS

**4** COMMUNITY-BASED  
ORGANIZATIONS

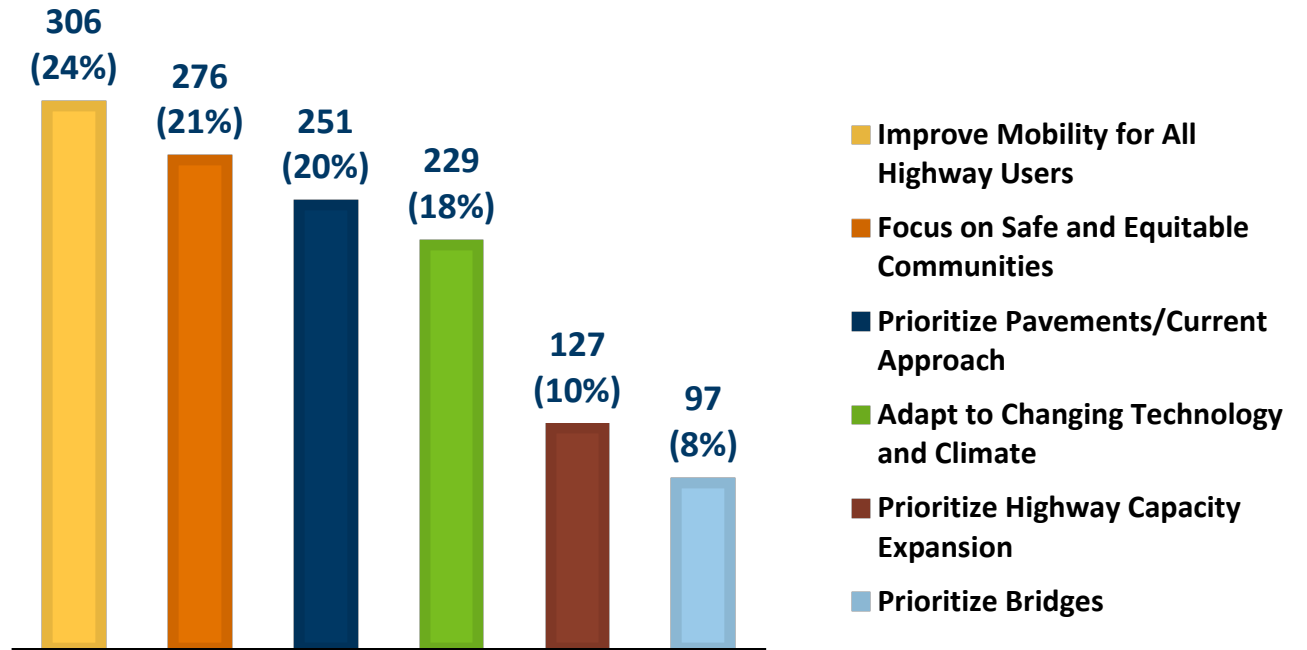


# 1<sup>st</sup> Round Engagement Results

## ONLINE BUDGET TOOL RESPONSES



## SURVEY RESPONSES

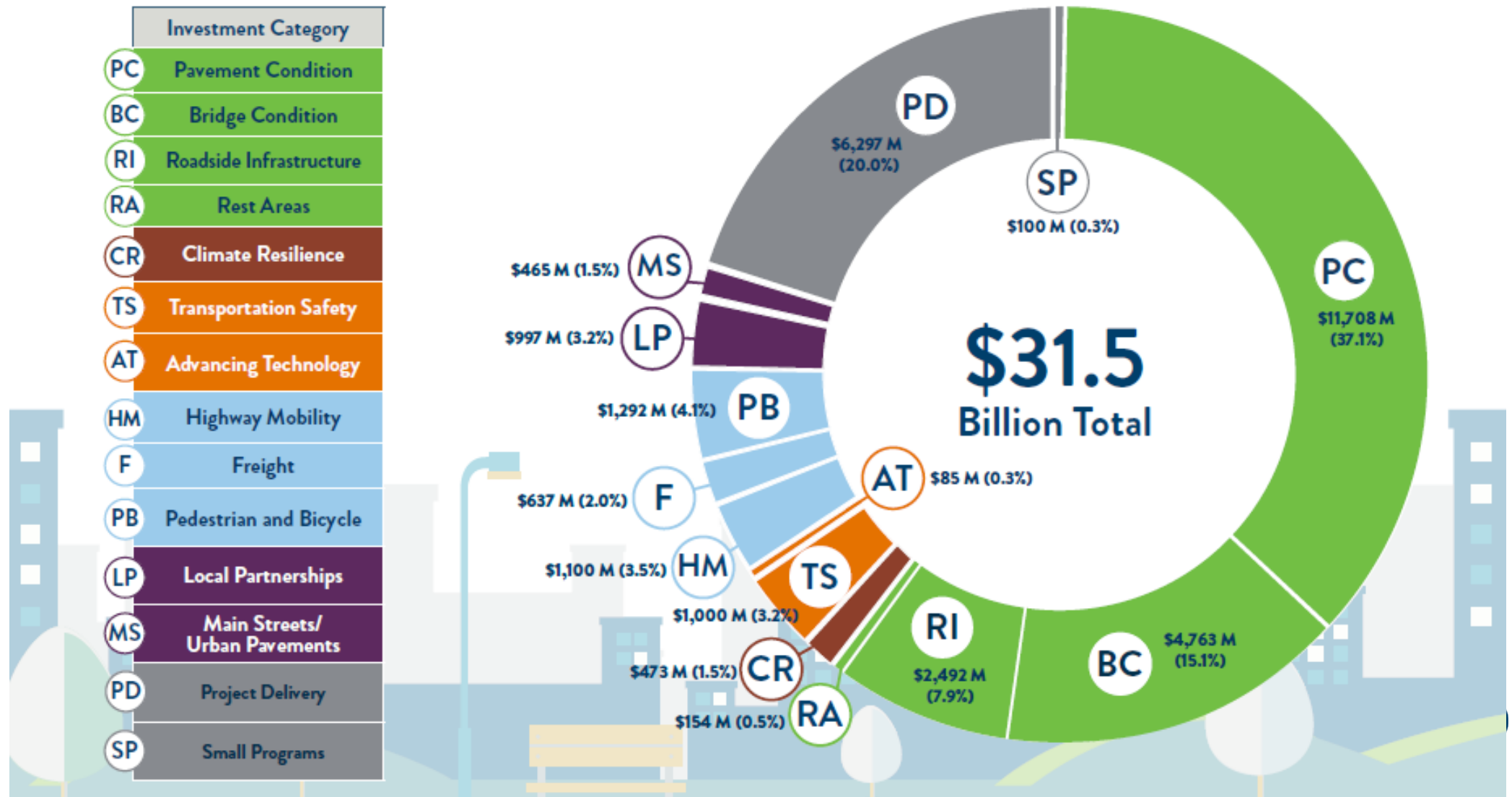




# Draft Investment Direction Development

- Used the average of all responses
  - In-person and stakeholder survey
  - Online budget tool
- Analyzed engagement results by demographic groups (gender identity, race/ethnicity) and geographic location
- Adjusted to mid-point of revenue estimate

# Draft 20-Year Investment Direction - \$31.5 billion



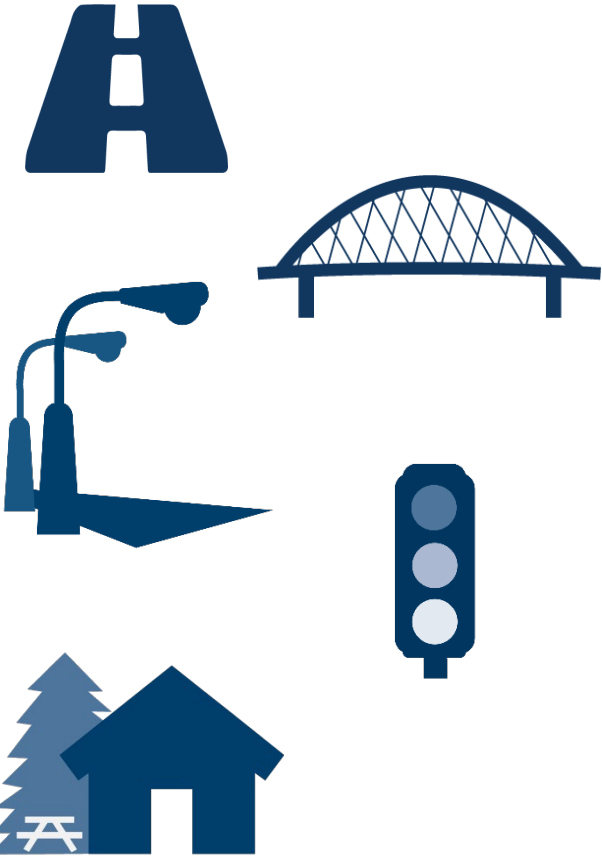
# Draft Investment Direction Themes

- Invest to maintain the existing system
- Improve mobility, accessibility, and safety for all
- Begin to adapt to a changing future
- Focus on communities and livability

# Invest to Maintain Existing System

## ~60% of investment towards maintaining the existing system

- Bridge Condition investment increased to manage bridge needs and risks
  - Meeting targets for bridges on National Highway System and nearly meeting targets on non-NHS
  - Blatnik bridge in Duluth is major risk
    - Currently assumed to be primarily funded outside of MnSHIP
- Pavement and other roadside infrastructure outcomes in line with 2017 plan outcomes
  - Meet targets for the Interstate, but not for rest of the state highway network



# Improve Mobility, Accessibility, and Safety for All



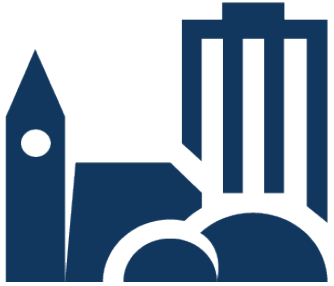
- Increased funding in ADA compliance by 2037
  - Sidewalks, curb ramps, signals
  - (NEW) Pedestrian bridges, multi-use trails, rest areas
- Address pedestrian and bicyclist network gaps and safety improvements
- Focus on traffic management, localized mobility/safety, and adding E-Z Pass lanes
- Continue investing in freight mobility, safety, first/last mile improvements
- Invest in bus-only shoulders/ramps and improvements around transit stops on state highways

# Begin to Adapt to a Changing Future

- Restart flood mitigation program
- Invest in proactive projects to prevent flooding, erosion, and highway weather-related disruptions
- Add or improve green infrastructure on state highways like shade trees, rain gardens, native planting and/or natural stormwater filtration systems
- Continue to invest in expanding the fiber network, new traffic cameras, dynamic message signs, and signal connectivity
- Pilot programs to invest in roadway improvements to integrate with changing vehicle technology



# Focus on Communities and Livability



- Create program to make livability improvements such as:
  - Reuse of under bridge areas for community spaces
  - Better lighting and aesthetics
  - Smaller cap/stitches to improve connections between communities divided by state highways
- Invest in local priorities and local-led projects on state highways through the Local Partnership Program
- Support economic development opportunities through continued funding of the Transportation Economic Development Program
- Provide funding for urban reconstruction projects to provide more opportunities to address local priorities and concerns
- Set aside \$230 million to leverage funding grants and solicitations outside of MnSHIP funding such as federal RAISE grant program



**Let us know what you think  
about the draft direction at:**

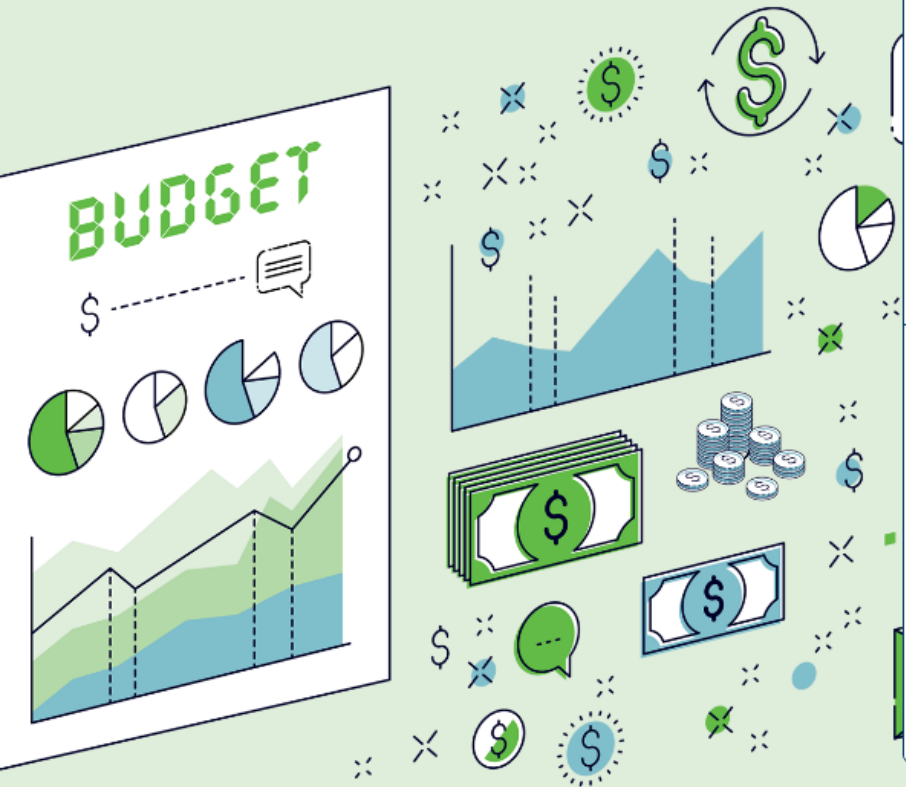
**[www.minnesotago.org/investment/](http://www.minnesotago.org/investment/)**



# Highway Budget Tool

**m** MINNESOTA STATE HIGHWAY INVESTMENT PLAN

## Minnesota State Highway Investment Plan



### Give us your feedback on Minnesota's state highway system investment

#### What is Minnesota's state highway system?

Click the map to see which roads make up the state highway system.

#### How did we come up with our planned investments?

MnDOT completed the first round of public engagement for the [Minnesota State Highway Investment Plan](#) in Fall of 2022. During the first round of public engagement, Minnesota state highway users provided important feedback on how they want to prioritize spending on the state highway system over the next 20 years. MnDOT used that information to develop a draft state highway investment direction. We need your help to finalize the state highway investment direction and tell us how you would spend additional dollars!



### Tell us about yourself!

Our goal is to get input from a wide range of people. We are collecting demographic information to identify who we're hearing from. Providing data is optional, however, by answering you will be helping MnDOT understand the needs and preferences of the diverse communities that MnDOT serves. Your responses will not be associated with you, personally.

Age

Are you of Hispanic descent?

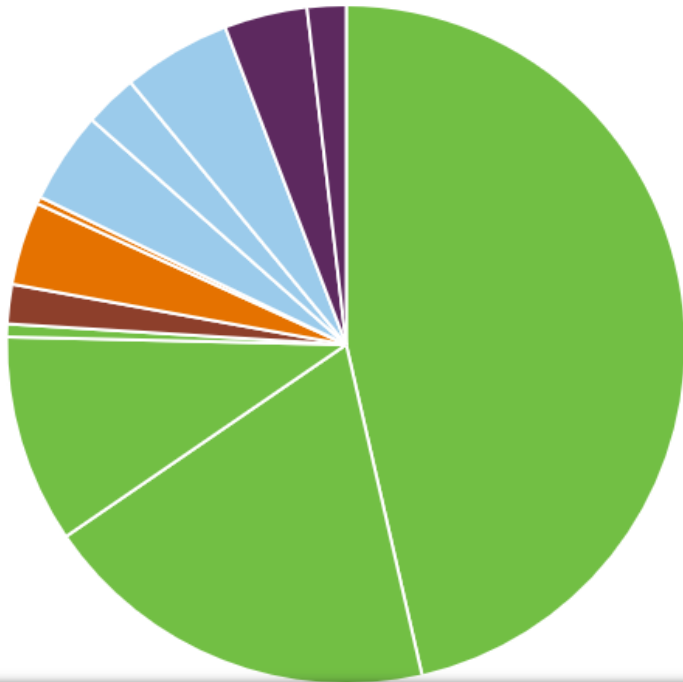
What describes your racial/ethnic background?

What best describes how you think of yourself?

# Feedback on the draft investment direction

## Draft investment direction

Explore the pie chart below to see how we plan to spend our anticipated \$31.5 billion budget on the State highway system over the next 20 years. [Learn more about each investment category.](#)



## SHARE YOUR INPUT:

## Tell us what you think about the draft investment direction

How do you feel about the draft investment direction?

- I love it
- I like it
- I am lukewarm to it
- I don't like it
- I hate it

Why do you feel this way? What would you adjust?

Anything else you want us to know?

Submit


# Tell us your priorities for additional revenue

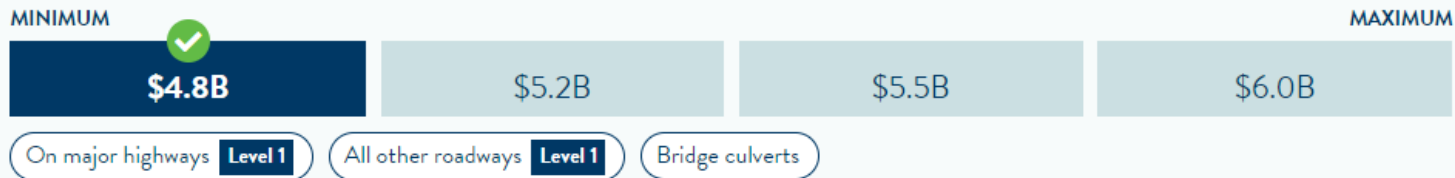
## Increased Revenue Scenario Budget Tool

Pick and choose spending levels for different categories below. You can spend up to \$5.5-6.5 billion. This total is MnDOT's increased revenue scenario.

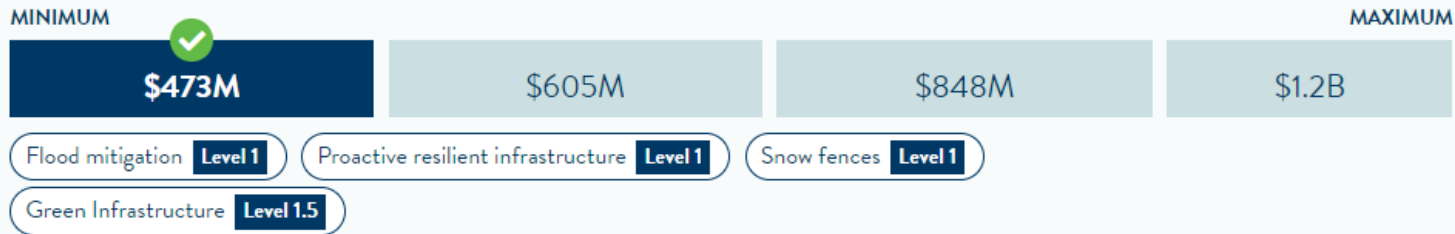
  
**Advancing Technology**  
[Learn more](#)



  
**Bridge Condition**  
[Learn more](#)



  
**Climate Resilience**  
[Learn more](#)



AVAILABLE BUDGET  
**\$5.5 - 6.5B**

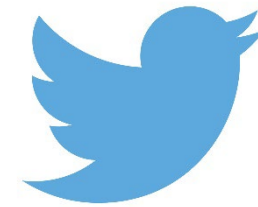
Available Budget

**\$0B**  
ADDITIONAL INVESTMENT

\$0.0B

# Help us spread the word!

- Share the link to the online investment budgeting tool [www.minnesotago.org/investment/](http://www.minnesotago.org/investment/)
- Follow MnDOT on social media and share MnSHIP posts
- Sign up for e-mail updates
- Request a presentation for your organization



# Timeline

- **Now to end of April** – 2nd public engagement period
- **Summer 2023** – Compile draft plan and seek public comment
- **Late Summer/early Fall 2023** – Adopt final plan

# Questions?

[www.minnesotago.org/investment/](http://www.minnesotago.org/investment/)

**Philip Schaffner** *(he/him)*

Director, Office of Transportation System Management

*Philip.schaffner@state.mn.us*

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