

# MINNESOTA GOVERNOR'S ADVISORY COUNCIL ON CONNECTED & AUTOMATED VEHICLES

## Meeting focuses:

- CAV in Long-Range Planning
- Innovation Alliance Outreach and Education Committee Report Out

# WELCOME

Margaret Anderson Kelliher, Co-Chair  
Commissioner, MnDOT

Phil Magney, Co-Chair  
CEO and Founder, VSI Labs



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# AGENDA

1. Welcome
2. Council Member Engagement Interviews
3. CAV in Long Range Planning
4. Preview of Federal Infrastructure Investment and Jobs Act
5. Innovation Alliance Outreach and Education Committee Updates
6. Public Comment
7. Closing



# COUNCIL MEMBERS

1. Margaret Anderson Kelliher - MnDOT
2. Amber Backhaus - Automobile Dealers Association
3. Dan Chen – 3M
4. Ryan Daniel – St. Cloud Metropolitan Transit
5. Danielle Elkins – City of Minneapolis
6. Michael Gorman – Split Rock Partners
7. John Hausladen – Minnesota Trucking Association
8. Phil Magney– VSI Labs
9. Myrna Peterson – Mobility Mania
10. Edward Reynoso – Teamsters Joint Council
11. Damien Riehl – Fastcase Legal Research Platform
12. Vicky Rizzolo – American Family Insurance
13. Kyle Shelton – University of Minnesota CTS
14. Bret Weiss - WSB
15. Patrick Weldon – Polaris

# OTHER PARTICIPANTS

In the chat box please share...

1. Your name
2. Your role
3. Your organization



# PREVIOUS MEETING RECAP AND TAKEAWAYS

- Cavnue presented on their work designing the physical, digital, coordination, and operational infrastructure to accelerate and realize the full potential of CAV to make roads safer, less congested, shared, and sustainable
- Updates provided on CAV projects happening throughout Minnesota
  - Med City Mover
  - Highway 52 CAV Corridor Planning
  - CAV Traveler Alert System
  - Twin Cities Startup Week
  - CAV Career Pathways Camp



# COUNCIL MEMBER ENGAGEMENT INTERVIEWS

THOMAS JOHNSON-KAISER  
CAV-X ENGAGEMENT AND PROJECT MANAGER



# COUNCIL MEMBER ENGAGEMENT INTERVIEWS

Questions

Priorities

Support

Needs

Topics

Engagement

## Priorities for 2022

Technology  
demos

Policy and  
CAV  
legislation

Outreach  
and  
partnerships

CAV impact  
on workforce

Safety

Public  
outreach and  
education

Meet in  
person

# WHAT WE HEARD

## Suggestions for improvement

- More interactive meetings
- Tangible results and accomplishments
- Clarify relationship of Advisory Council and Innovation Alliance
- Clear communication and more engagement between meetings



# WHAT WE HEARD

## Advisory Council hot topics

- National level information
- Accessibility and AVs
- Safety issues
- Cold weather technology
- CAV related businesses

# CAV IN LONG RANGE PLANNING

PHILIP SCHAFFNER  
MNDOT TRANSPORTATION PROGRAMING DIRECTOR



# Statewide Multimodal Transportation Plan

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MINNESOTA **GO**

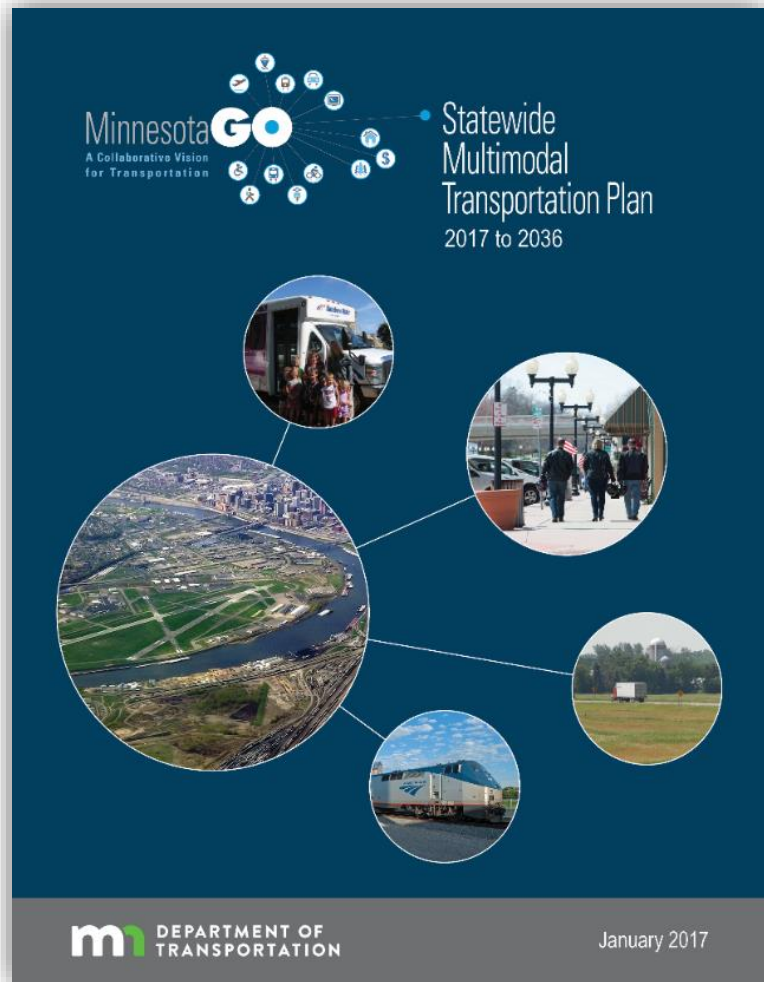
## Governor's Advisory Council on CAV

December 8, 2021

# Back in July

- 2018/2019 Scenario Planning for CAV
- Statewide Multimodal Transportation Plan (SMTP)
- Defining Transportation Equity
- Draft Investment Strategies for CAV in the 20-year Minnesota State Highway Investment Plan

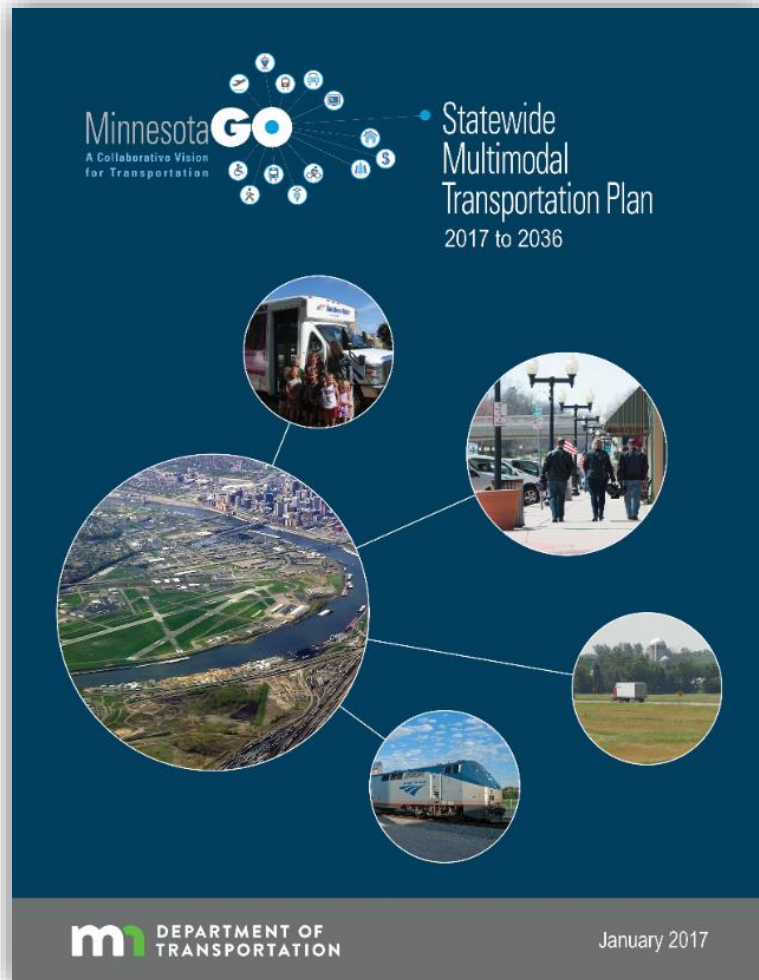
# Statewide Multimodal Transportation Plan



- Developed by MnDOT, but covers all transportation
- Overarching objectives, strategies and performance measures for all modes
- Work plan for MnDOT
- Update due 2022



# 2017 SMTP



- CAV trend analysis
- One reference in a strategy:

“Implement strategic engineering and technology solutions to improve transportation safety.”
- Work Plan commitment for MnDOT:

“Study and work with transportation partners to prepare for connected and autonomous vehicles.”

# 2021 State of Practice Review

- Less than half of states currently include a strategy for CAV readiness in their long-range transportation plans—most at a very high level
- A dozen have conducted scenario planning related to CAV
- We have not found any states with CAV-related performance measures

# Public & Stakeholder Input

- Continue to proactively lead and plan for CAV
- Transportation agencies should be sure their strategies also benefit human drivers
- Take an iterative approach – maintain flexibility
- Consider implications for rural communities and small urban areas (e.g. cost sharing)
- Important to maintain equity focus

# Proposed CAV Strategy with Actions

Promote the development and deployment of connected and automated transportation technologies

- Pilot technologies and business models to maintain flexibility in a changing market
- Design roads to support current & new technology with proven safety benefits for all users including human drivers
- Use CAV technology to improve transportation equity and accessibility for all Minnesotans and to reduce transportation disparities
- Improve work zone safety by leveraging CAV technologies and data
- Advance CAV research and data collection to address Minnesota challenges and opportunities

# Possible Performance Measure

- Signal CAV readiness
  - % of signals that broadcast signal phase and timing



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

Philip Schaffner (*He/Him*)

Statewide Planning Director

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MINNESOTA 

# PREVIEW OF FEDERAL INFRASTRUCTURE BILL

CAV-RELATED

TARA OLDS  
CAV-X ACTING EXECUTIVE DIRECTOR

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4

# POTENTIAL CAV OPPORTUNITIES

SECTION 25005-STRENGTHENING MOBILITY AND REVOLUTIONIZING TRANSPORTATION GRANT PROGRAM

## ■ SMART Grant

### — Criteria

- Public transportation system or other transit
- Population density
- Leadership and capacity
- Data sharing
- Technical and financial commitments
- Increase access
- Private sector investments and partnerships

### — Eligible projects

- Coordinated automation
- Connected vehicles
- Intelligent, sensor-based infrastructure
- Smart technology traffic signals

## What's next:

- GAC workshop to brainstorm partnership ideas

# INNOVATION ALLIANCE OUTREACH AND EDUCATION COMMITTEE UPDATES

- TARA OLDS, CAV-X ACTING EXECUTIVE DIRECTOR
- KATIE CASKEY, STRATEGIC COMMUNICATIONS MANAGER, HDR
- GINA BAAS, ASSOCIATE DIRECTOR OF ENGAGEMENT AND EDUCATION,  
CENTER FOR TRANSPORTATION STUDIES



# COMMITTEE PRIORITIES

## Develop CAV messaging materials (general public audience)

- CAV dictionary
- Talking points
- CAV 101 presentations
- Handouts

## Update Destination CAV newsletter

- Newsletter template
- Content ideas
- Partner newsletters

## Develop tools and resources content for MnDOT CAV website

- Draft content to share
- Prioritize information

## Plan for future public demonstrations

- Targeted audiences and locations
- Measures of success

## Plan a MN CAV Annual Conference

- Draft agenda and content
- List of key speakers and sessions

## Plan a MN CAV Technology Showcase

- Draft agenda
- List of companies and research to highlight



# LET'S TALK ABOUT CAV



**UNDERSTANDING PEOPLE'S KNOWLEDGE AND FEELINGS  
RELATED TO CONNECTED AND AUTOMATED VEHICLE  
TECHNOLOGY IN MINNESOTA**

Governor's Advisory Council Presentation  
12/8/21

# STEPS TO DEVELOP GUIDANCE

WHAT DID THE PROCESS LOOK LIKE?





# KEY QUESTIONS TO GUIDE OUR PROCESS

WHAT DO WE WANT TO LEARN?

WHAT DO  
MINNESOTANS  
CURRENTLY  
THINK OF CAV?

WHAT  
TERMINOLOGY  
RESONATES  
WITH PEOPLE?

WHAT ARE  
PEOPLE  
EXCITED  
ABOUT?

WHAT ARE  
PEOPLE  
CONCERNED  
ABOUT?

WHAT DO  
PEOPLE WANT  
TO KNOW  
ABOUT CAV?

WHAT IS THE  
STATE'S ROLE?

HOW DO  
PEOPLE WANT  
TO BE  
INVOLVED?

WHAT DOES  
THAT MEAN  
FOR OUR  
WORK?

# UNDERSTANDING THE CONTEXT

PEER AGENCY INTERVIEWS  
CAV MEDIA REVIEW  
MINNESOTA DATA REVIEW

# BACKGROUND RESEARCH INSIGHTS

WHAT DID WE LEARN ABOUT CAV COMMUNICATIONS AND ENGAGEMENT?

## FROM PEER AGENCIES:

- What have others learned?
  - Preferred language
  - How to frame the conversation
  - Successful tactics
  - Common themes from previous engagement

## FROM MEDIA REVIEW:

- What are Minnesotans' currently saying?
  - Where conversations about CAV are occurring
  - Who is talking about CAV
  - How they are talking about CAV (key words and sentiments)

## FROM DATA REVIEW:

- How do we connect with Minnesotans?
  - Technology use
  - Media use
  - Civic participation

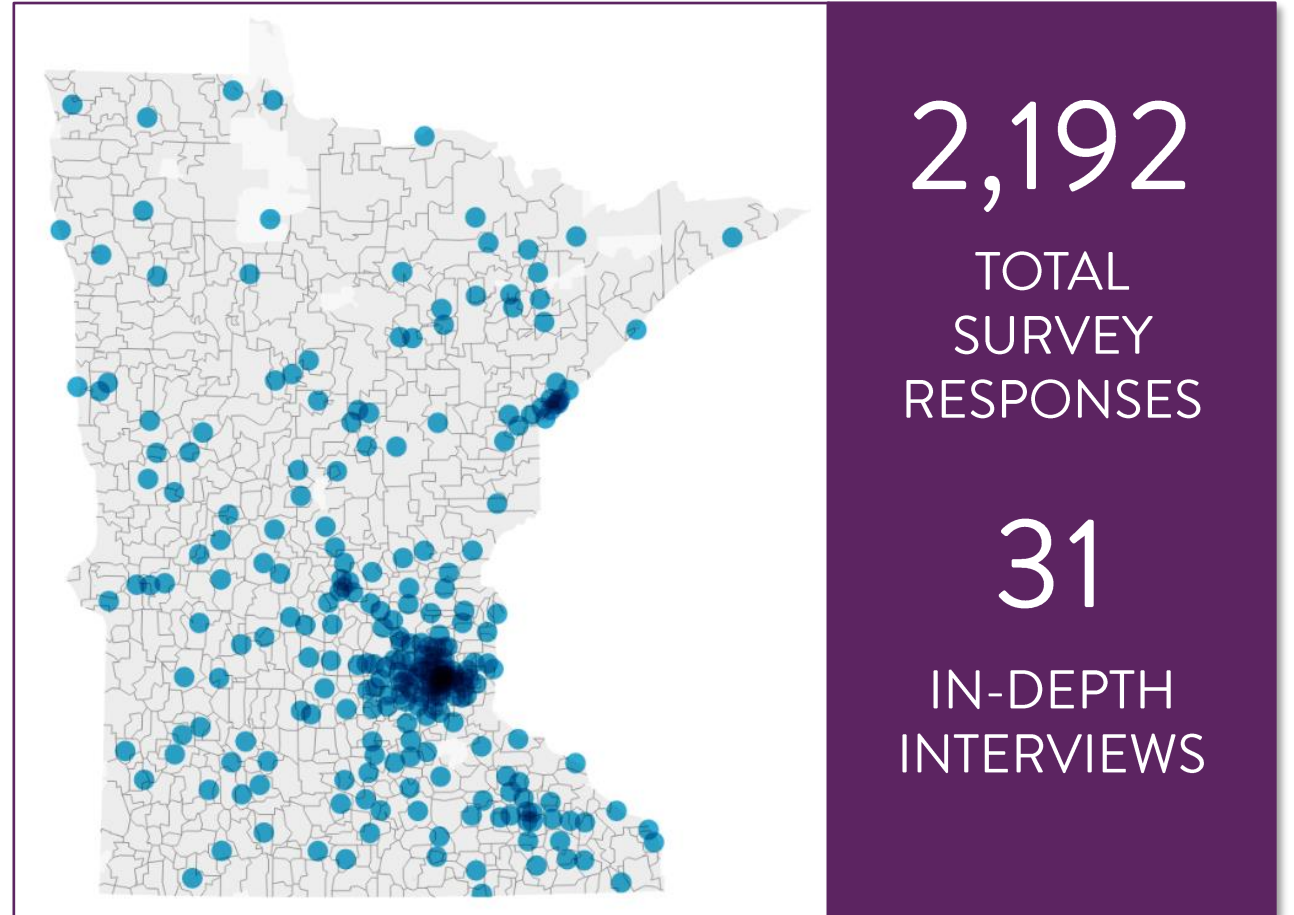


# ENGAGING MINNESOTANS

STATEWIDE BASELINE SURVEY  
INDIVIDUAL IN-DEPTH INTERVIEWS

# STATEWIDE ENGAGEMENT SUMMARY

WHAT DID WE DO?



# TOP ENGAGEMENT TAKEAWAYS

WHAT DID WE LEARN?

## PEOPLE ARE MORE FAMILIAR WITH AUTOMATED THAN CONNECTED

88%

at least somewhat familiar with  
automated

69%

at least somewhat familiar with  
connected

4%

very familiar

1%

not at all  
familiar

3%

very familiar

11%

not at all  
familiar

30%

recognized  
“connected  
vehicle”

40%

recognized  
“automated  
vehicle”

96%

recognized “self-driving  
vehicles”

# TOP ENGAGEMENT TAKEAWAYS

WHAT DID WE LEARN?

## MOST PEOPLE FEEL POSITIVELY ABOUT CAV

68%

have at least somewhat positive feelings about CAV

62%

agree they are excited for CAV

42%

agree they are concerned about CAV

43% strongly agree

12% strongly disagree

16% strongly agree

15% strongly disagree

58%

are comfortable riding in a CAV

"I'm excited about the future of autonomous and connected vehicles. I believe they will improve traffic and safety."

"I think humans should be in control. Not a darn computer."

"I don't have enough information about how this works, especially in rural/frontier Minnesota."

# TOP ENGAGEMENT TAKEAWAYS

WHAT DID WE LEARN?

**51%**  
are comfortable  
sharing the road  
with a CAV



Rideshare/mass transit users



Motorcycle/moped owners

**MOST EXCITED**

**GENERALLY EXCITED**

**SLIGHTLY LESS EXCITED**

**LESS EXCITED**

Drivers, bicyclists and people who walk



Wheelchair/scooter owners



# WHAT ARE PEOPLE EXCITED ABOUT?

RESULTS FROM SURVEY AND INTERVIEWS

## SURVEY RESULTS

### PRIMARY

Safety

Support  
new  
technology

### SECONDARY

Traffic/  
mobility

Equity/  
accessibility

Quality of  
life

Safety  
benefits

Increasing  
access for  
people who  
can't drive

Getting  
time back  
from  
driving

## INTERVIEW RESULTS





# WHAT ARE PEOPLE CONCERNED ABOUT?

RESULTS FROM SURVEY AND INTERVIEWS

## SURVEY RESULTS

### PRIMARY

### SECONDARY

Skeptical of technology

Safety

Nostalgia

Giving up control/ choice

Cyber security/ privacy

Other people not knowing how to use the technology

Diverting investment from transit, biking, walking

Don't trust the technology/ don't know enough about it

Weather

## INTERVIEW RESULTS

# OTHER KEY TAKEAWAYS

WHAT DID WE LEARN?



The more familiar people are with CAV the more likely they are to be excited for it



Most people want to continue to be informed and involved



People generally support government having a role, especially related to safety

# MAKING SENSE OF IT ALL

AUDIENCE ANALYSIS

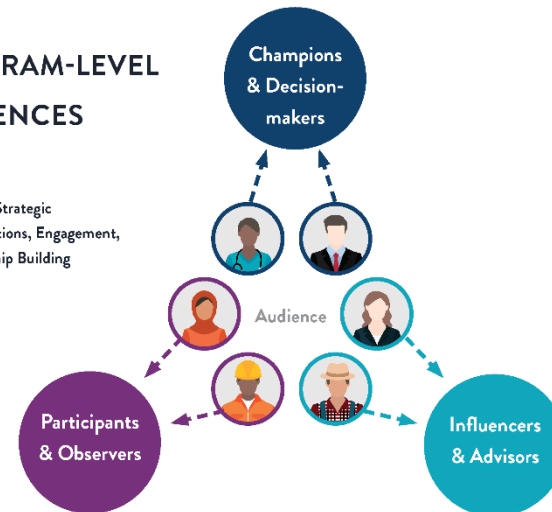
# PARTNER AND INDUSTRY AUDIENCE GROUPS

WHAT ARE THE DIFFERENT ROLES GROUPS AND INDIVIDUALS PLAY?

- **Champions & Decision Makers**—these individuals hold formal or informal power to support or obstruct success on CAV-related activities
- **Influencers & Advisors**—these individuals are interested in CAV and can affect outcomes but do not establish the environment and direction for a program or project
- **Participants & Observers**—these individuals are interested in CAV but unlikely to affect outcomes of program or project at this time

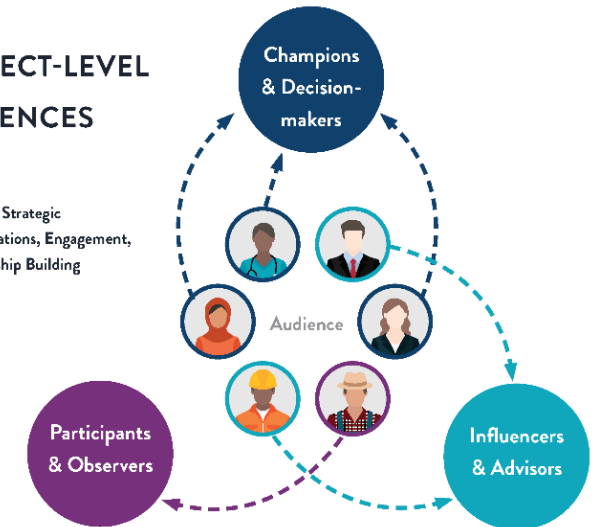
## PROGRAM-LEVEL AUDIENCES

Focused on Strategic Communications, Engagement, & Relationship Building



## PROJECT-LEVEL AUDIENCES

Focused on Strategic Communications, Engagement, & Relationship Building



# PUBLIC CAV PERSPECTIVES

WHAT PERSPECTIVES ON CAV ARE COMMON IN MINNESOTA?



## CAV CAUTIOUS: *The Information Seekers*

- Most common perspective
- Education is key
- Specifically, safety and winter weather questions
- Use as baseline for communications



## CAV CAREGIVER: *The Community Allies*

- Most negative perspective
- Smaller in number but vocal
- Need to build trust
- Benefit to showing real use cases for CAV



## CAV CONFIDENT: *The Spirit Squad*

- Most positive perspective
- High familiarity
- More common in urban areas
- Set them up to be champions



## CAV CRITICAL: *The Historically Underprioritized*

- More indifferent than negative
- Don't feel the system is designed for them
- Might be excited, but don't think CAV will be for them
- Relationship building before engagement



# **CAV CRITICAL PRIORITY POPULATIONS**

WHO ARE THE DEMOGRAPHIC GROUPS LIKELY TO HOLD THIS PERSPECTIVE?

**BLACK,  
INDIGENOUS AND  
PEOPLE OF COLOR**

**NEW IMMIGRANTS**

**PEOPLE WITH  
LIMITED ENGLISH  
PROFICIENCY**

**PEOPLE WITH LOW  
INCOME**

**PEOPLE WITH  
DISABILITIES**

**PEOPLE WALKING,  
BICYCLING AND  
ROLLING**

**PEOPLE WITH  
LIMITED INTERNET  
CONNECTIVITY**

**ELDERLY**

**WOMEN**

**RURAL  
COMMUNITIES**



# BRINGING IT ALL TOGETHER

MESSAGING AND ENGAGEMENT GUIDANCE  
PROGRAMMATIC RECOMMENDATIONS  
TOOLS FOR PRACTITIONERS



# CAV MESSAGING & ENGAGEMENT GUIDANCE

HOW SHOULD WE TALK ABOUT AND CONNECT WITH MINNESOTANS GOING FORWARD?



## WHAT'S INSIDE:

- Messaging and engagement goals
- Audience analysis
- Messaging guidance
- Engagement guidance
- Recommended communications and engagement tactics



# MESSAGING AND ENGAGEMENT GOALS

WHAT ARE WE TRYING TO ACCOMPLISH?

1. **Build knowledge** of CAV technology throughout Minnesota so people have the information they need and can help shape the future of transportation in the state
2. **Develop two-way lasting relationships** with communities, organizations and entities to create a CAV-ready environment in Minnesota **and build trust** in Minnesota's CAV Program
3. **Integrate Minnesota's CAV messaging and engagement** into transportation plans and projects and other related communication across partners to promote clarity, consistency and understanding among all audiences



# CORE CAV MESSAGING THEMES

WHAT DO WE WANT PEOPLE TO KNOW?

## INNOVATION

Connected and automated vehicles are the future of transportation and Minnesota is proactively planning and preparing.

## SAFETY

Safety is and will continue to be our top priority and CAV has the potential to improve safety for travelers.

## EQUITY, ACCESS AND MOBILITY

CAV technology can support Minnesota to create a transportation system that works for all.

## ECONOMIC AND WORKFORCE DEVELOPMENT

CAV will drive opportunity for Minnesota.

# OTHER MESSAGING GUIDANCE

WHAT ELSE SHOULD WE CONSIDER?

Inform, don't sell

Need to build to "CAV" terminology

Incorporate the connected aspect of CAV technology

Include the full range of CAV application (e.g., multi-passenger)

Related topics: shared mobility, electrification and GHG emissions

People's perceptions mirror the success of local projects

Highlight the broader Minnesota CAV Program

# ENGAGEMENT GUIDANCE

HOW SHOULD WE INCORPORATE CAV IN PLANNING FOR ENGAGEMENT?

## MNDOT PUBLIC ENGAGEMENT PLANNING STEPS:

### Step 1: Define expectations

Clearly define the project and MnDOT's expectations and commitment

### Step 2: Identify issues

Identify stakeholders, issues and needs

### Step 3: Determine level of engagement

Determine the level of engagement and public influence

### Step 4: Clarify Roles

Clarify public role in decision making

### Step 5: Create a plan

Create and implement public engagement plan

### Step 6: Evaluate

Evaluate engagement efforts (after action review)

Final document  
will identify  
CAV-specific  
considerations  
for each step



# OTHER ENGAGEMENT GUIDANCE

WHAT ELSE SHOULD WE CONSIDER?

Prioritize exposure to CAV via demonstrations

Look for opportunities to engage people beyond industry partners

Digital engagement will reach many, but not all

Leverage Facebook and YouTube for public audiences

Emphasize non-digital strategies, especially for rural audiences

People want to be involved, but use tactics other than public meetings



# MESSAGING & TALKING POINTS TOOLKIT

HOW CAN WE HELP PRACTITIONERS USE THIS GUIDANCE?



## WHAT'S INSIDE:

- Specific messages and talking points by theme, with consideration for:
  - Audience
  - Type of project
- Easy-to-use guide for project managers, communications/engagement professionals and partners

Development  
will be  
supported by  
Outreach &  
Education  
Committee

# STRATEGIC RECOMMENDATIONS

HOW CAN WE BUILD ENHANCE CAV COMMUNICATIONS AND ENGAGEMENT PROGRAMMATICALLY?

- ★ Update messaging/branding
- ★ Create and maintain a resources library
- ★ Revise MN CAV web presence
  - Enhance baseline survey data
- ★ Conduct regular surveying
  - Launch multi-agency communications working group
- ★ Implement a stakeholder management system and newsletter
- ★ Prioritize demonstration projects
- ★ Develop CAV ambassadors, champions and thought leaders
- ★ Develop CAV community advocates
- ★ Launch CAV Equity Community Advisory Committee
- ★ Participate in industry events

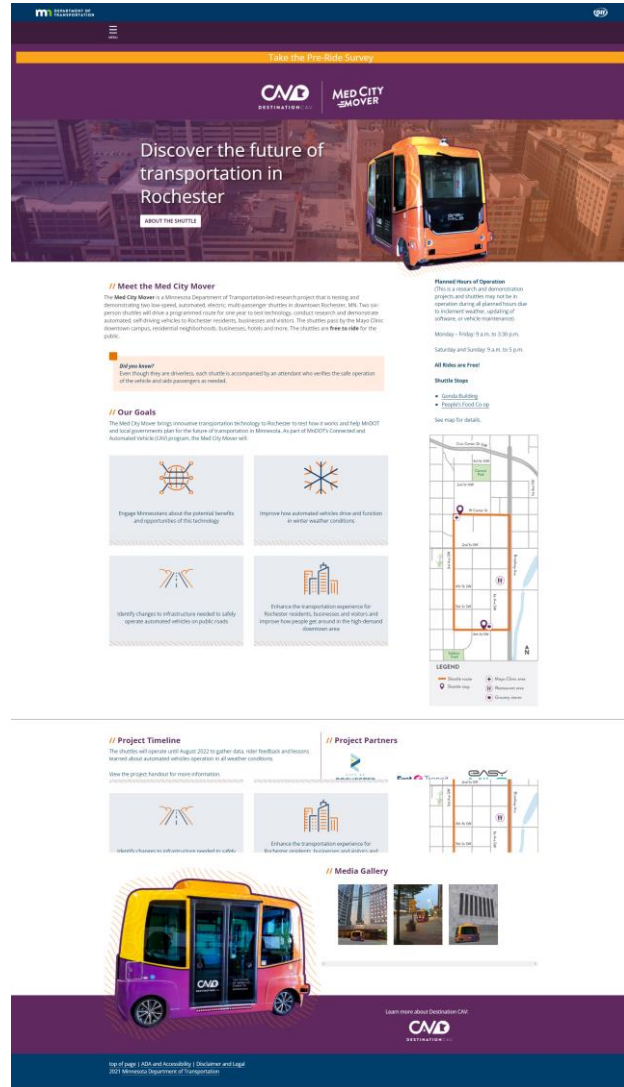
- ★ Led by CAV Innovation Alliance Outreach & Education Committee
- ★ Supported by CAV Innovation Alliance Outreach & Education Committee
- ★ Led by Governor's Advisory Council

# PUTTING IT INTO ACTION

MED CITY MOVER  
GENERAL & TEMPLATE MATERIALS  
DRIVE, LEARN, SHAPE PROGRAM

# MED CITY MOVER CASE STUDY

HOW DID WE APPLY THIS GUIDANCE TO A REAL CAV PROJECT?



## Tailored messaging for CAV Cautious: The Information Seekers

This perspective is the most common among Minnesotans. With that in mind, these messages should act as the baseline foundation for general project talking points and materials. Using an empathetic and informative tone, we're letting people know we understand their questions and are addressing their concerns, specifically related to safety.

No audience is only one perspective. However, consider using this group as your base when talking to audiences like Rochester residents, businesses, visitors, and elected officials. It's a good reminder to do advance work or questioning about any group you'll be communicating with, so you can effectively tailor the messaging to meet the audience at its level.

### Framing

Discover CAV technology. The Rochester Automated Shuttle Pilot will test automated vehicles in all weather conditions to teach us about self-driving vehicle technology in a real-world setting. [Learn more](#)



**CK Caskey, Katie**  
MnDOT - Are we ready to say we'll use "self-driving?"  
Alt option would be to use "automated vehicle"  
  
Recommendation would be a compromise - use self-driving when the tone is more conversational and automated when tone is more factual

**CK Caskey, Katie**  
The group is all about needing more information/wanting to learn more so framing around learning will resonate

**CK Caskey, Katie**  
A communications goal of the project is to educate about CAV safety

**CK Caskey, Katie**  
This group want to know about the technology and how it works, especially related to safety

**CK Caskey, Katie**  
A communications goal of the project is to educate about CAV benefits

**CK Caskey, Katie**  
These are the top things this group is curious about

# GENERAL & TEMPLATE MATERIALS

WHAT READY-MADE RESOURCES DO PARTNERS NEED?

**TEMPLATE  
PRESENTATION**  
(PUBLIC FOCUS)

**TEMPLATE  
PRESENTATION**  
(INDUSTRY FOCUS)

**GENERAL FACT  
SHEET**

**TOPIC-SPECIFIC  
FACT SHEETS**

**INFOGRAPHICS**

**WHAT ELSE?**

Development  
will be led by  
Outreach &  
Education  
Committee



# LEARN, DRIVE, SHAPE

HOW ARE WE STARTING TO IMPLEMENT RECOMMENDATIONS?

## Learn MN

- General Public
- See/hear/touch
- Build awareness and acceptance

## Drive MN

- Transportation professionals and elected officials
- See vehicle/infrastructure interaction data
- Share policy guidelines

## Shape MN

- Traditionally underserved public
- See/hear/feel
- Discover unique community needs and concerns

# COMMUNITY AND STAKEHOLDER ENGAGEMENT

DEMONSTRATION RECOMMENDATIONS  
CAV CONFERENCE & TECH SHOWCASE

# DEMONSTRATION RECOMMENDATIONS

## Recommendation “buckets”

### Drive MN

- Transportation professionals and elected officials
- See vehicle/infrastructure interaction data
- Share policy guidelines

### Learn MN

- General Public
- See/hear/touch
- Build awareness

### Shape MN

- Traditionally underserved public
- See/hear/feel
- Discover unique community needs and concerns

# PROPOSED ACTIVITIES

## Drive MN

Description	Show CAV readiness, gather and share vehicle/infrastructure interaction, share policy guidelines
Target audiences	Transportation professionals and elected officials at city/county facilities
Suggested timing/sequencing	1,000+ miles of road among 6-9 destinations, one week in Spring 2022, prior to CAV annual conference/technology showcase
Measures of success	Increase knowledge about CAV readiness, establish baseline of general readiness, motivate action (e.g., participate in testing, update and explore policies/infrastructure)
Why now?	Response to MUTCD AV guidance, follow-up to CAV scenario planning workshops, prompts planning to ready for CAV, share recently approved CAV policy guidelines

# PROPOSED ACTIVITIES

## Learn MN

Description	Show what CAV is, provide see/hear/touch experience, build awareness
Target audiences	General public at Greater MN community events (e.g., festivals, county fairs, tribal gatherings)
Suggested timing/sequencing	10-12 communities, Summer 2022 – Spring 2023, launch after CAV annual conference/technology showcase
Measures of success	Increase awareness, expand demographic reach, generate interest in follow-up, incorporate project measures where applicable
Why now?	CAV is transformative, pilot projects are being conducted, communities should be informed to guide future testing/deployment

# PROPOSED ACTIVITIES

## Shape MN

Description	Show what CAV is, provide see/hear/feel experience, build awareness, discover unique community needs and concerns
Target audiences	Traditionally underserved public (e.g., elderly, differently abled, BIPOC) at annual meetings
Suggested timing/sequencing	3-5 groups (MN Council on Disability, MN Board on Aging, Council for Minnesotans of African Heritage, MN Council on Latino Affairs, Council on Asian Pacific Minnesotans, Minnesota Indian Affairs Council), Fall 2022-Spring 2023
Measures of success	Increase awareness, deepen demographic reach, determine how to address unique needs, interest/advocacy in future testing
Why now?	CAV is transformative, pilot projects are being conducted, future testing/deployment should address unique community needs

# PROPOSED ACTIVITIES

## CAV Conference & Tech Showcase

### OBJECTIVES

- Engage stakeholders (public, private, non-profit and academic sectors) interested in CAV
- Shine a spotlight on CAV initiatives and research in Minnesota
- Provide updates from the national level and from other states
- Showcase Minnesota companies and academic institutions as well as companies interested in doing CAV-related business in Minnesota
- Convene a half-day workshop to develop strategies for advancing CAV policies and legislation



# PROPOSED ACTIVITIES

## CAV Conference & Tech Showcase

### Day 1: Conference

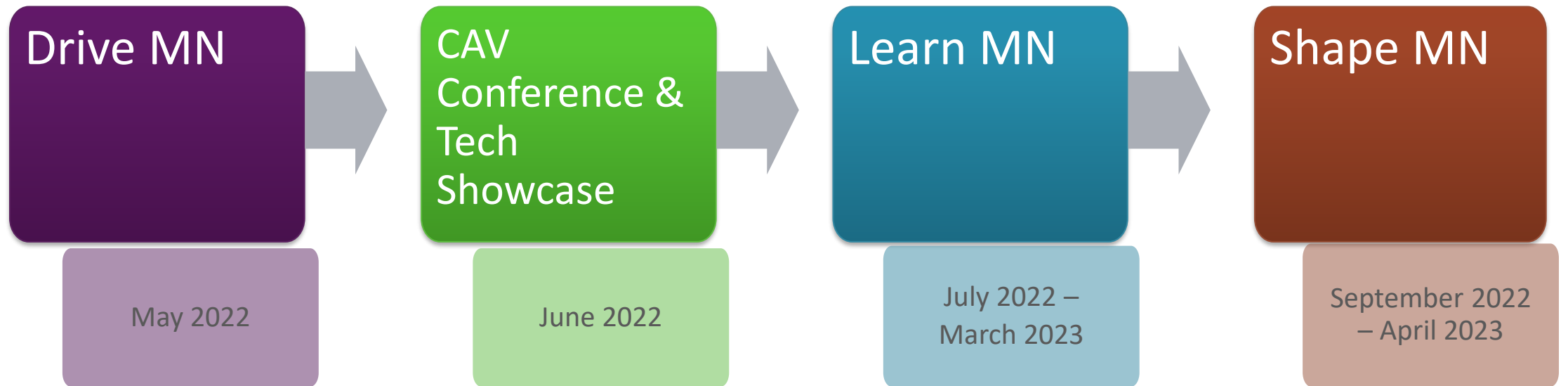
- Combination of general and concurrent sessions
- Build concurrent sessions around Innovation Alliance Committee Focus Areas
- Solicit presentation ideas from committees, I-CAV, and Advisory Council

### Day 2 – Workshop and Tech Showcase

- Workshop and Tech Showcase held concurrently
- Consider workshop as invitation only – 50-60 participants identified by planning committee
  - Facilitated discussions to identify and prioritize strategies and actionable items for advancing CAV policies and legislation
- Tech Showcase open to all conference registrants
  - Showcase includes demonstrations and exhibits with space to accommodate indoor and outdoor activities

# SUMMARY AND NEXT STEPS

## Tentative Timing





# QUESTIONS FOR BREAKOUT GROUPS

TELL US WHAT YOU THINK

- What stands out to you?
- What questions do you have?
- What is most surprising? Most interesting?
- Can you see this type of guidance informing your work?
- What other guidance do you need?

# OPPORTUNITY FOR PUBLIC COMMENT

Please enter use 'raise hand' feature or type your  
question into the chat box



# UPCOMING EVENTS

- Next Council Meeting – March 16 from 9:00-11:30am
- Transportation Research Board Annual Meeting, Washington, D.C. – January 9<sup>th</sup> through 13<sup>th</sup>
- Minnesota Transportation Conference, St. Paul, MN – February 28<sup>th</sup> through March 2<sup>nd</sup>

# CLOSING

Margaret Anderson Kelliher, Co-Chair  
Commissioner, MnDOT

Phil Magney, Co-Chair  
CEO and Founder, VSI Labs

Next meeting March 16, 2022



# THANK YOU

GOVERNOR'S COUNCIL ON CONNECTED AND AUTOMATED VEHICLES

**MARGARET ANDERSON-KELLIHER**

Co-Chair

**PHIL MAGNEY**

Co-Chair

