

# Governor's Advisory Council on Connected and Automated Vehicles

Land Use and Planning Subcommittee  
September 24, 2018  
6:00 pm – 8:00 pm

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# Welcome and Introductions

# Subcommittee Goal

*The goal for the subcommittee is to develop recommended changes to land use and planning state statutes, rules and/or policies to the Governor's Advisory Council on Connected and Autonomous Vehicles ("CAV"). The subcommittee will discuss recommended CAV principles related to transportation, revenue and its interaction with land use and the role of planning.*

# Key Dates

Public Survey

Tribal Government-to-Government Relations

Stakeholder and Public Engagement

June

July

August

Sept

Oct

Nov

Dec

Subcommittee  
Meetings

Oct. 30  
Present to  
Advisory  
Council

Nov. 1  
Draft  
Report

Dec. 1  
Final  
Report

# Evaluation Feedback from September 12th

- 13 responses
- Most found the information provided at the first meeting helpful (11 of 12 responding to this question)
- Additional information requested by participants:
  - Current state of regulation/activity
  - Look at Comprehensive Plans of cities
  - Coordinating with other states
  - Environmental benefits and impacts
  - Who will write the report and what is its structure?
  - Realistic next steps given the time frame

# Evaluation Feedback (cont.)

- Requests for next meeting
  - Fix the tech
  - Have wifi available
  - Directed discussions
  - Have someone else take notes so the participants can fully engage
  - Work day meetings

# Evaluation Feedback (continued)

- Comments (summary)
  - Important to set guiding principles and regulations, be proactive
  - Make sure this technology serves the public interest in addition to being profitable
  - Environmental implications should be discussed
  - Planning and Land Use overlaps with other subcommittees, hopefully there will be cross-group analysis
  - Public sector needs to be react quickly, not be too proscriptive
  - Public education and information critical to gain acceptance

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# Summary of Last Meeting





# Comments from the Liaisons

Frank Douma, University of  
Minnesota

Mark Nelson, MN Department of  
Transportation

Emily Smoak, MN Department of  
Health

# Review of Meeting Notes

## Land Use and Planning

- CAV may provide benefits such as:
  - Redevelopment of land allocated to roadway and parking
  - Intentional design in planning
  - Address “first mile, last mile” problem
  - High vehicle turnover: saving cost and time
- CAV may address current issues with single vehicle ownership, including:
  - Capacity of parking needed for our current model

# Review of Meeting Notes (continued)

- Planners need to accept uncertainty in planning for CAV
- The scenario-based approach may be useful in trying to predict certain outcomes
  - This approach helps to consider how CAV development could play out in a variety of ways
- Scenarios to consider:
  - Geography may limit automated zones
  - High level of investment by government
  - Fleet model and curb space competition
  - Integrated mobility, data sharing, policies and infrastructure

# Review of Meeting Notes (cont.)

- Health is a state of well-being and happiness
- Consideration of our physical environment and social environment is critical in policy recommendation and CAV development
- CAV may increase access and safety while stemming pollution, social isolation, and untraversable infrastructure
- Right of way for pedestrians and bikes could flourish

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# Today's Discussion Topics

# Review of First Meeting Opportunities

- Transit and ride-sharing opportunities
- Increase accessibility to rural areas
- Address the parking space problem
- Better design for infrastructure and right of way
- Redevelopment opportunities
- Cargo and freight shipped with less road congestion
- Increased benefits to society, health and environment
- Travel time reliability
- Lower taxes and cost of access to vehicles
- Decrease urban sprawl and suburban encroachment on farmland
- Self-patrolling vehicles, less traffic accidents

# Review of First Meeting Risks

- Additional empty miles
- Inequality of access depending on income level and geography
- Under-cut already underutilized transit system
- Inability to change behaviors/single owner vehicle model
- Intermediary concerns during integration of CAV
- Hauling large equipment for work or pleasure
- Retiring old cars
- Assumption that efficiency is key
- Algorithms and technology not accessible to all
- Zombie vehicles/ difficulty and cost of repair
- CAV is not a “silver bullet” – CAV is part of the solution, but it’s not the solution itself

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# Discussion



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# Small Group Breakouts

# Small Group Discussion

- Designate one recorder
- Designate one person to report out
- Engage with participants in your group and ask questions
- Record *all* proposed recommendations on your note pads

# Small Group Discussion Questions

- What themes and recommendations do you want the council to share with the Governor and Legislature?
- What policy recommendations do want addressed in the 2019 legislative session?
- Decide which recommendations have consensus in your group and record top 2-3 on flip chart

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# Next Steps & Closing

# Next Steps

- Present recommendations to Advisory Council on October 30th
- Public survey on [www.state.mn.us/automated/](http://www.state.mn.us/automated/)

# Thank you

## Co-Liaisons

**Frank Douma, University of Minnesota**

**Mark Nelson, MN Department of  
Transportation**

**Emily Smoak, MN Department of Health**

## Facilitator

**Heron Diana, Mediation Center**