



BEARTRACKS

White Bear Lake
Automated Vehicle Pilot Project

Now Operating!

BEARTRACKSWBL.OR



WHAT?

- A 12 Month MnDOT Pilot Project testing automated vehicle (a/v) technology in White Bear Lake, Minnesota starting in August 2022
- Funded through MnDOT's Destination CAV Program (CAV = connected and automated vehicles)
- One of three pilot projects in the state testing the technology in urban, suburban and rural settings



DESTINATION CAV

mi DEPARTMENT OF
TRANSPORTATION



BEARTRACKS

PROJECT GOALS: RESEARCH & DEMONSTRATION



This is a research and demonstration vehicle and project and we expect to learn a lot from the project and learn about its current limitations. Key goals include:



SHARED
LEARNINGS



ADVANCE
TECHNOLOGY



TESTING IN
ALL SEASONS



PROJECT GOALS:

IMPROVE THE FUTURE OF MINNESOTA



Connected and automated vehicles have the potential to provide many benefits to Minnesota residents, businesses and visitors, including:



MORE EFFICIENT
MOVEMENT OF
PEOPLE & GOODS



MORE INCLUSIVE
PLANNING & GREATER
ACCESS & MOBILITY



ECONOMIC &
WORKFORCE
DEVELOPMENT



INCREASED SAFETY



IMPROVED ENVIRONMENT



ROUTE



STOPS:

1. PAI
2. THE BOULDERS
3. WILLOW WOOD APARTMENTS
4. WHITE BEAR AREA YMCA



HOW TO RIDE

Expected Hours of Operation: Mondays through Fridays 9:30 am to 1:30 pm

*Weather and other factors may disrupt service. Please check www.beartrackswbl.org for schedule updates.

Cost: Free

Who can ride: Open to the public;

Where: You can board at any stop; however if you are driving please park and board at YMCA (park at the west end of the parking lot)





BEARTR

SAFETY



- A vehicle attendant will always be onboard to take over manual operations if necessary and verify the safe operation of the vehicle



- Vehicle is equipped with a number of autonomous systems including 8 LiDAR sensors to detect obstacles and ensure precise positioning



- Vehicle travels at 12-15 mph



- The route and hours of operation were intentionally selected to minimize traffic impacts



WHO

- MnDOT is leading the research pilot as part of its statewide Connected and Automated Vehicle (CAV) program
- AECOM is the consultant project manager
- Newtrax is the shuttle operator.



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ADDITIONAL PROJECT PARTNERS:



THE SHUTTLE

- Highly automated
- UP TO 10 passengers + safety operator
- 100% electric
- Slow moving (12-15m ph)
- Equipped with Americans with Disabilities Act (ADA) compliant ramp
- Vehicle attendant onboard can control vehicle if necessary



RESEARCH



PLEASE TAKE THE RIDER SURVEY!
SCAN THE QR CODE OR VISIT:
research.net/r/beartracks



MnDOT & U of MN will be conducting surveys regarding public perception including neighbor perceptions, pre and post-rider surveys and surveys of the general public







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