



# City of White Bear Lake

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[www.whitebearlake.org](http://www.whitebearlake.org)

## PROPOSED AUTOMATED VEHICLE SHUTTLE PILOT PROJECT NEIGHBORHOOD INFORMATIONAL MEETINGS

Daytime and evening options

### YMCA

2100 Orchard Lane

White Bear Lake, MN 55110

**Monday, September 16, 1:00 p.m.**

### Willow Lane Elementary School

3375 Willow Avenue

White Bear Lake, MN 55110

**Tuesday, September 17, 6:30 p.m.**

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Earlier this year, a committee of representatives from our local non-profits, state and local schools and local businesses began working on a concept to introduce emerging automated vehicle (AV) technology to our community.

The Minnesota State Legislature appropriated funding to the Department of Transportation (MnDOT) for an Automated Vehicle Pilot Project grant program and the committee believes that the concept they have since developed would be a strong candidate for funding.

The proposed route for this pilot project lies between Phoenix Alternatives on Linden Avenue and the YMCA on Orchard Lane, (see attached map of proposed route). A certified attendant employed by Newtrax would be on the vehicle at all times, which would travel at speeds of approximately 20 MPH. The proposed route would run on weekdays between 10:00 a.m. - 2:00 p.m. for a 12-month period, providing a connection for clients of Phoenix Alternatives, residents of the senior apartments along the route, and the public to access programming at the YMCA.

The purpose of this pilot would be to evaluate the benefits and challenges of automated vehicles, and more specifically, the potential for automated vehicles to provide future transportation options for persons with disabilities and the aging populations.

Please join us at one of the two neighborhood meetings being held next week, with Mike Greenbaum of Newtrax and Shane Hoefler from the YMCA leading the discussion.

# White Bear Lake Automated Vehicle Shuttle Partners

- City of White Bear Lake
- White Bear Lake Area Chamber
- Newtrax
- White Bear Lake School District
- White Bear Area Senior Program
- Century College
- University of Minnesota
- YMCA
- Ramsey County
- Community Foundation
- Northeast Contemporary Services, Inc. (NCSI)
- AECOM



# White Bear Lake AV Shuttle Concept

## GOAL

Conduct a 12-month AV shuttle pilot in all-weather operations including, accessibility for the disadvantaged, AV education and work force development, and ultimately allowing for MnDOT use in replicating AV paratransit systems throughout the state of Minnesota.

## Key Elements

- 12- month pilot including all Minnesota seasons
- Operations on local public roadway in mixed traffic (1 traffic signal, 1 4-way stop)
- Connected vehicle applications, traffic signal interface and vehicle-to-infrastructure applications
- Enhanced mobility options for aging populations
- Enhanced mobility options for persons with disabilities
- Education and work force development
- Public outreach
- Supports AV technology advancements



# White Bear Lake Proposed AV Shuttle Route

Newtrax

Phoenix Alternatives

The Boulders

Willow Wood Apartments

Willow Lane Elementary School

White Bear Lake Area High School

White Bear Area YMCA

AV shuttle route distance = 1.5 miles

3 DRAFT - PROPOSED ROUTE

