

// MEET THE MED CITY MOVER //

Discover the future of
transportation in Rochester








Testing the future of transportation

The Med City Mover is a low-speed, automated, electric, multi-passenger shuttle operating in downtown Rochester, MN.

Two, six-person shuttles will drive a circular route, connecting the Mayo Clinic downtown campus with residential neighborhoods and apartments, shops, restaurants, grocery stores, hotels and parking lots to serve Rochester residents, businesses and visitors.

LEGEND

-  Shuttle route
-  Shuttle stop
-  Mayo Clinic area
-  Restaurant area
-  Grocery stores

Did you know?

Even though they are driverless, each shuttle is accompanied by an attendant who verifies the safe operation of the vehicle and aids passengers as needed.



WHAT WE WILL LEARN

The Med City Mover brings innovative transportation technology to Rochester to test how it works and help Minnesota Department of Transportation and local governments plan for the future of transportation in Minnesota. As part of MnDOT's Connected and Automated Vehicle (CAV) program, the Med City Mover will:



Engage Minnesotans about the potential benefits and opportunities of this technology



Improve how automated vehicles drive and function in winter weather conditions



Identify changes to infrastructure needed to safely operate automated vehicles on public roads



Enhance the transportation experience for Rochester residents, businesses and visitors and improve how people get around in the high-demand downtown area

WHAT ARE CONNECTED AND AUTONOMOUS VEHICLES?

Automated vehicles use technology to steer, accelerate, and brake with little to no human input. Some vehicles still require a human to monitor the roadway, while other vehicles require no human intervention.

Connected vehicles use technology to either communicate with each other, connect with traffic signals, signs, and other road items, or obtain data from a cloud. This information exchange will help with safety and improve traffic flow.

WHY CAV?

Connected and automated vehicles are the future of transportation and Minnesota is proactively planning and preparing to maximize CAV's full potential. These technologies can increase safety, provide greater equity by reducing transportation barriers, drive economic growth, reduce traffic congestion and benefit our environment.

Discover CAV for yourself

Learn more today and take a ride on this **free**, public shuttle!

Launching in late summer 2021, the Med City Mover will operate for 12 months to gather lessons learned for automated vehicles in all weather conditions and provide opportunities for Minnesotans to test out this new, enhanced transportation experience.

Did you know?

Each shuttle is equipped with accessibility features, including braille, wheelchair ramp and tie downs, audio messages and trolley bells.

How CAV can benefit our community

These multi-passenger shuttles bring forward-thinking automated vehicle technology to Rochester to test a safe, equitable and sustainable transportation option for Minnesota as part of Minnesota's greater CAV program.



SAFETY: OUR GUIDING VALUE

Safety is and will continue to be our top priority throughout this project. With multiple layers of sensors, braking systems, emergency stop buttons and other fail-safes, the shuttles detect and avoid obstacles to ensure they run smoothly and safely. They've had to withstand many levels of review, testing and analysis to get to this stage on the roads.



A GREENER RIDE

The shuttles provide you with a completely electric transportation option that allows you to travel without leaving behind a carbon footprint. As a shared vehicle, your choice to ride it also helps take cars off the road, reducing overall traffic and emissions in Rochester.

THANK YOU

Project Partners



Come see what CAV can do for you

✉ CAVChallenge.DOT@state.mn.us

 www.MedCityMover.com

MnDOT invites and encourages participation by all. If you need an ASL, a foreign language interpreter, or other reasonable accommodation, or need documents in an alternative format (such as braille or large print), please email your request to Janet Miller at ADArequest.dot@state.mn.us or call 651-366-4720.