

ROCHESTER AUTOMATED SHUTTLE PILOT

SUMMER 2021



PROJECT BACKGROUND

The Rochester Automated Shuttle Pilot will operate a low speed, highly automated shuttle in the urban environment of downtown Rochester. The project will safely operate the automated shuttle for 12-months to gather lessons learned for Automated Vehicle (AV) operations in all weather conditions, educate the public on the benefits of AV technologies, and provide an innovative and enhanced transit service to the citizens of Rochester.



WHO: MnDOT is leading the pilot and has selected First Transit as the pilot operator through the CAV Challenge Program

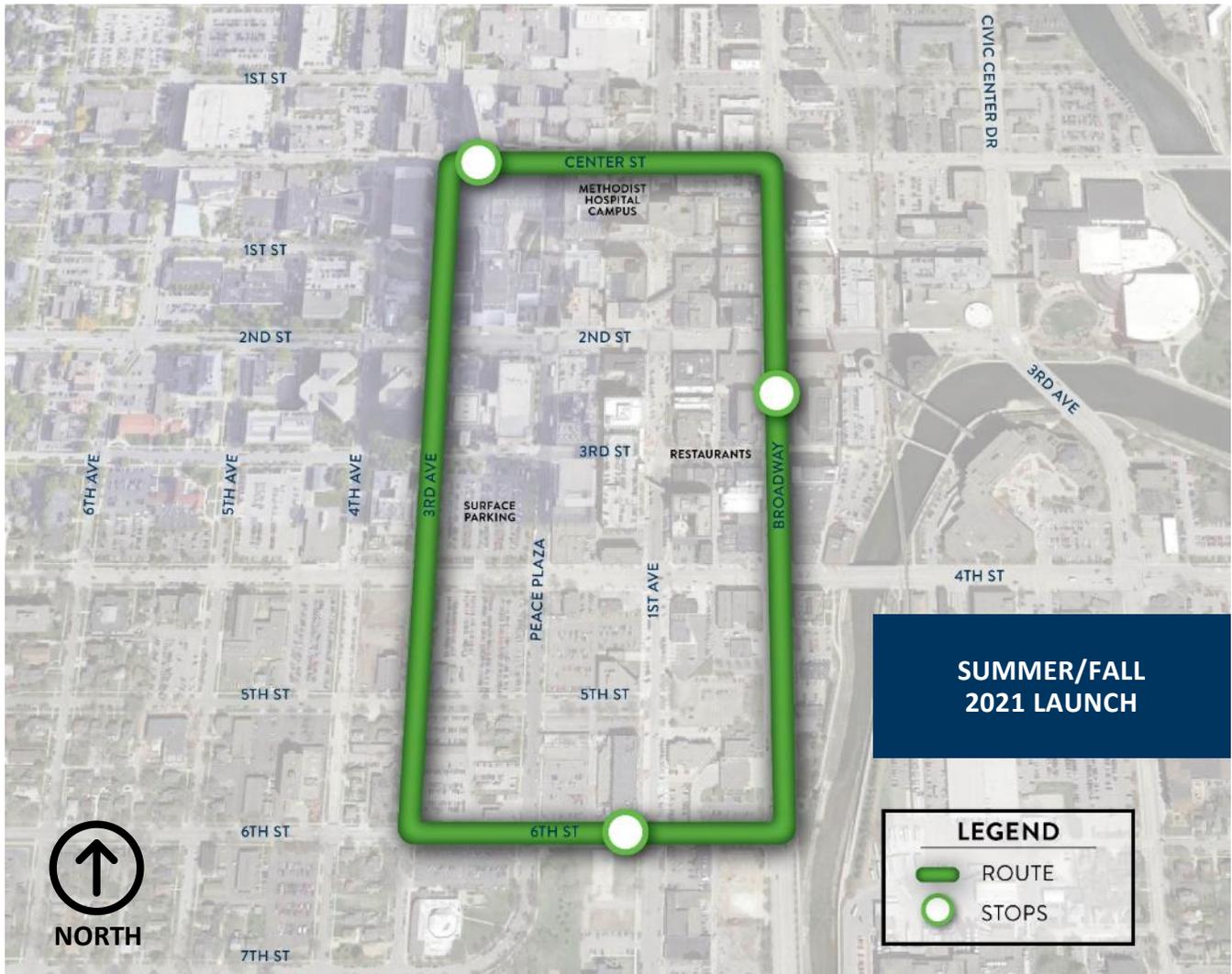
WHAT: A highly automated, multi-passenger, low-speed shuttle (12-15mph), that can seat 6 passengers. This vehicle, a 3rd generation EZ10 provided by EasyMile, has no steering wheel or pedals but is monitored by an attendant ready to take over control if necessary.

WHEN: Launching late summer of 2021 with 12-months of operation

WHY:	 <p>Winter Weather Conditions</p> <p><i>Advance the operation of automated vehicle technology in winter weather conditions.</i></p>	 <p>Infra-structure</p> <p><i>Identify infrastructure gaps and solutions to safely operate automated vehicles on public roadways.</i></p>	 <p>Public Education</p> <p><i>Engage and educate the public by providing real-world automated vehicle experience.</i></p>	 <p>Mobility</p> <p><i>Enhance the transportation experience for residents and increase mobility in a high demand downtown urban environment.</i></p>
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WHERE: The proposed route is a circulator route that operates on 6th St SE, 3rd Avenue SW, W Center St, and S Broadway. It will connect the Mayo Clinic Hospital Methodist Campus with hotels, shops, restaurants, grocery stores, and surface lot parking.

PROPOSED ROUTE



PROJECT PARTNERS



QUESTIONS? CONTACT TARA OLDS AT TARA.OLDS@STATE.MN.US