



Information Update – AV Microtransit Pilot Update

To: Chair and Board of Directors
Through: President/CEO Inez P. Evans
From: Director of Strategic Planning Brooke Thomas
Date: September 8, 2021

MAY MOBILITY, AV MICROTRANSIT PILOT UPDATE

BACKGROUND:

A part of Toyota Mobility Foundation's *Together in Motion Indiana* initiative, May Mobility is a leader in autonomous vehicle (AV) technology and shuttle operations. In June 2021, May Mobility introduced their unique Multi-Policy Decision Making behavior framework to the Greater Indianapolis market when they launched the six-month IUPUI AV shuttle pilot. This framework is unique in that it enables their vehicles to treat driving as a social activity; simulating how all agents in the environment would react to different actions. *Together in Motion Indiana* is a collaboration between entities and organizations who understand the importance of advancing innovation in mobility through community engagement. The team's Indianapolis deployment is designed to increase the number and type of shared mobility options available in Downtown Indianapolis. What began in June 2021 and will continue into November 2021, this first-/last-mile mobility solution is a complement to IndyGo's fixed-route services. Open to the general public, these shuttles provide connections to and from IndyGo's Red Line to the campuses of IUPUI, IU Health, and Indianapolis' central business district.

IndyGo has and will continue to serve as a technical resource to the project team. On July 21, representatives from the May Mobility team met with IndyGo's Mobility Advisory Committee to provide an overview and status update on the pilot project, and to further ensure that the pilot was designed for everyone, but especially individuals with disabilities. On Monday, August 2, 2021 several staff participated in an on-site, job shadowing session hosted by May Mobility. A Lunch & Learn event, where attendees will describe the job shadowing experience and discuss the ways in which automation can produce benefits to both transit providers and the traveling public, is scheduled for September 16, 2021. Later this fall, IndyGo staff will assist with development of a customer survey to learn even more from this unique opportunity. The slide deck included in this board packet offers more detailed information about some of the early successes of and findings from the IUPUI AV shuttle pilot.

RECOMMENDATION:

Receive the report.

Brooke Thomas, Director
Department of Strategic Planning