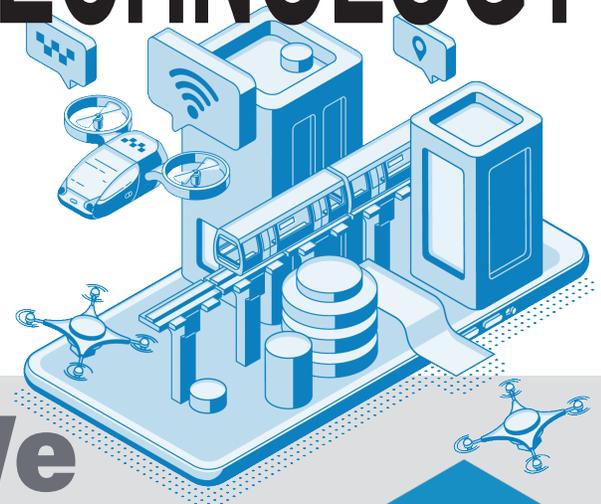


# TRANSPORTATION TECHNOLOGY

Emerging transportation technology is fundamentally changing how we get around - and how well we do it.

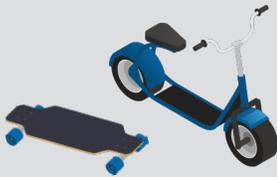


## Changing How We Get Around



### Drone deliveries

delivering goods to your home and office through the air and not on the road



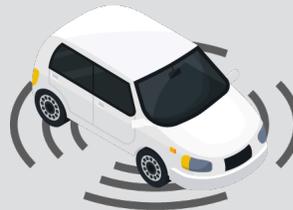
### Micromobility devices & e-bikes

making it that much easier to commute by electric bicycle, scooter, skateboard, hover board and so much more



### Hybrid & electric vehicles

changing the type of fuel we use in our vehicles



### Autonomous vehicles (AV)

being a passenger in the driver's seat – even if you're a truck driver hauling freight



### Vehicle-to-Infrastructure communication

making our roads smarter so they can support new transportation technologies

## Potential Consequences of Change:

- **Speeding on sidewalks, bike lanes, and trails** – micromobility devices and e-bikes travel faster and farther than ever before
- **Increased transportation system capacity** – AVs improve the existing transportation infrastructure's capacity simply by driving better than people
- **Clutter in the sky** – fewer vehicles on the road, but more in the sky
- **Maintenance woes** – with more efficient vehicles on the road, tax dollars funded by the gas tax must stretch even farther
- **Car Sharing and Ride Sharing** – decreasing the number of people who own a private vehicle
- **Regulatory lag** – technology changes faster than federal, state, and local regulations

# Regional 'To-Do' List:

- ❑ Use transportation technologies to more effectively utilize the existing transportation system
- ❑ Make short-term technology investment decisions that support future technology implementation strategies
- ❑ Integrate transportation technology considerations into transportation projects
- ❑ Integrate electronic information transmission into transportation system evaluation, policies, and implementation strategies

## HOW DOES THE REGIONAL TRANSPORTATION PLAN (RTP) ACCOUNT FOR TRANSPORTATION TECHNOLOGY?

The RTP recognizes that technology-based approaches to address transportation congestion, safety, efficiency, and operations are now – and will continue – to change the way we move. Projects transportation partners are engaging in over the next 20 years to address changing transportation technology include:

- **Freight Goods and Services Mobility Strategy** – identifying needs and economic impacts associated with delivering goods and services
- **Smart Corridors** – getting transit riders to their destinations faster
- **Bicycle and Micromobility Strategy** – evaluating how micromobility devices and e-bikes can safely and appropriately share our transportation facilities
- **Regional Planning Priorities** – tracking and reporting on technology advances that will impact the way we move

## QUESTIONS?

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→ Learn more about the Regional Transportation Plan at: [www.trpc.org/RTP](http://www.trpc.org/RTP)