



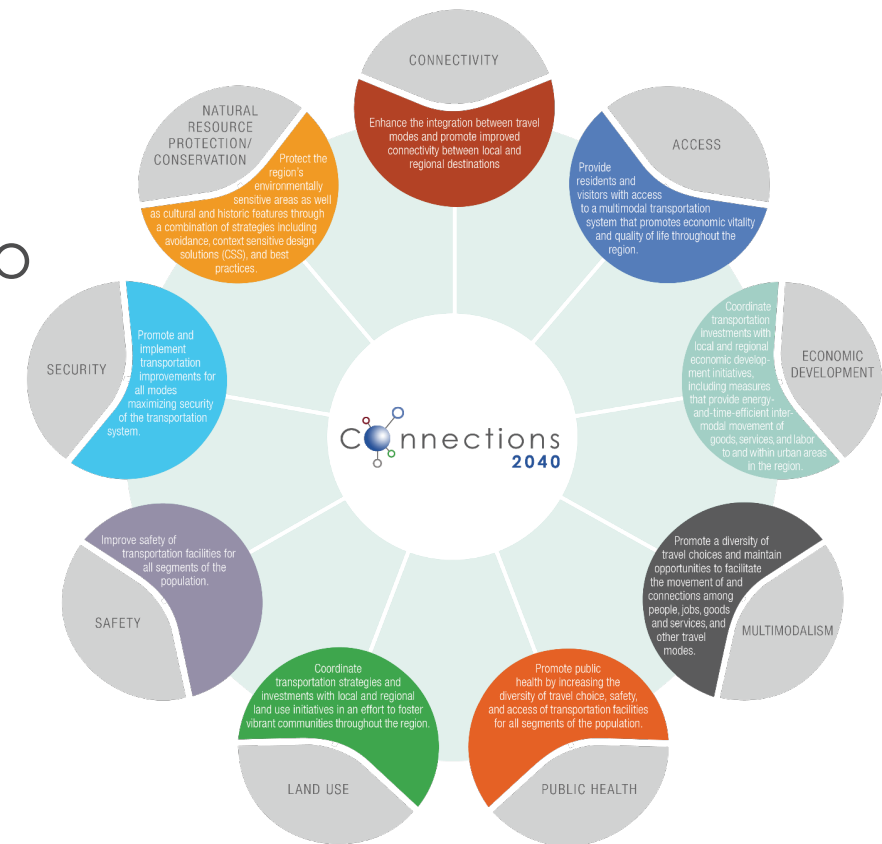
CRTPA BOARD RETREAT

October 14, 2019



Building Upon Connections 2040

- Regional Mobility Plan:
 - Looks at current and future transportation needs for the four county region
 - Highlights multimodal recommendations to address those needs
- During *Connections 2040*, a strong emphasis was placed on:
 - Development of Goals
 - Prioritization Process
 - Public Engagement
 - Grassroots development of projects



Building Upon Connections 2040

- Connections 2045 will:
 - Create a sense of consistency
 - Build in performance measures
 - Gather robust public input
 - Build upon 2040 recommendations
 - Introduce emerging trends



Emerging Trends

- Technology
 - ACES (Automated, Connected, Electric, Shared)
 - How to prepare travel modes with ACES in mind
 - Policies, infrastructure, building into other future plans
 - Identify a test site for our region
- Resilience
 - How identified threats will impact our transportation system
- Micromobility
 - How these new modes may continue to use transportation facilities into the future



Connected and Automated Vehicles

93% of all accidents are caused by human error.¹



Improved Safety

Sensors and cameras using Intel technology make "things" smarter so you get where you want to go more safely.

Increased Productivity

Imagine safely collaborating with coworkers, friends and family inside your car—the ultimate connection hub.



5.5 billion hours of potential productivity is lost in traffic.²



56% less fuel emissions for driverless cars.³



Environmentally Friendly

If one out of five cars were driverless, fuel consumption would decline by 724,000,000 gallons.⁴

Greater Freedom

Intel technologies can help the elderly and disabled be more mobile and independent with self-driving cars.



There will be ~3x more 80+ years old in just a few decades.⁵



Anticipated Impacts of ACES

- Traffic Signals
- Parking Structures
- Public Transportation
- Urban Street Design
- Pedestrian Interactions



How does ACES fit into Connections 2045?

- How to prepare all travel modes with ACES in mind
 - Policies, infrastructure, building into other future plans
 - ACES Toolkit – long term and near term implementation strategies
- Identify a test site for our region
 - Look for areas to lead rather than to follow this technology



Resilience

- Build on work already done in the region
- Consider strategies for all community context areas
- Integrate with the Quality Growth Plus scenario and needs plan



Upcoming Events

- Connections 2045 MetroQuest Survey
- Traffic Jam!
 - Regional Workshop
 - Tuesday, October 29th
 - 4:00 – 7:00
 - Regional Transportation Management Center
- Sub-Regional Meetings

