

Mark Webb: We are focused on sustainability through decarbonization. (2 lane highway full of fast moving cars) Transportation is now the number one source of carbon emissions in the United States, and in Virginia it's the largest by far. (slightly out of focus brake lights)

Tom Biesiadny: Fairfax county has a number of transportation challenges and there's no one-size-fits-all solution. (cars move along the highway and intersections) We're looking for multimodal ways to address our transportation challenges.

Mark Webb: (plug being placed into an electric vehicle) Electric vehicles are the future of transportation. We are partnering with Fairfax County to develop an autonomous electric shuttle that will take passengers from the Dunn Loring Metro stop (at dunn loring stop and a tram pulls into the station) to the Mosaic District. (people walking around the mosaic district)

Tom Biesiadny: This shuttle extends our transit system. It provides new technology, something we haven't tried here in Fairfax before.

Mark Webb: (plug being placed into an electric vehicle and smartphone shows the charging level) It gives us the ability, if we can electrify transportation, to substantially reduce carbon emissions in the United States.

Tom Biesiadny: Looking at it as a way to expand the work that we've been doing in the smart cities initiative and to use technology to do things more efficiently. (plug being placed into an electric vehicle)

Mark Webb:(aerial view of roads with fewer and slower moving vehicles) The benefits will mean reduced vehicular emissions, less traffic on the roads, smarter vehicles, and this will lead, we believe, to increased use of public transportation which is a benefit to all of us. (a persons shoes are shown at a metro stop as a public transit vehicles pulls up to the curb)

Tom Biesiadny: That last mile connection is really important to make transit work, to make transit attractive to people. (empty sidewalk early in the day with store fronts to the right) So now that the Commonwealth Transportation Board has approved Fairfax County's grant application for this project, we'll be working to procure the vehicles to operate the system and also to refine the route between the Dunn Loring Metro and Mosaic. (dunn loring station sign) (wide shot of the mosaic district)