



## CONNECTED VEHICLES



## IMPROVE SAFETY

Connected Vehicle technology will enable vehicles, bicyclists, pedestrians, and smart roadway infrastructure to “talk” to one another and share important information. The technology can sense traffic conditions and alert an individual and/or system of potentially unsafe situations and has the potential to avert crashes or reduce their severity.



## IMPROVE MOBILITY

Connected Vehicle technology can reduce congestion. Commuters, tourists, freight, and transit operators will have more reliable traveler information before and during their trip. FDOT and its transportation partners will be able to use the data to make real-time traffic management decisions such as signal timing changes and freight signal priority to keep traffic flowing smoothly and improve performance.



## EMPOWER USERS

Real-time roadway information can help users make better decisions as they move throughout the region. Real-time in-vehicle alerts about roadway construction, traffic incidents, and traffic slowdowns can not only improve safety but also provide an opportunity to choose alternate routes or modes in real time.