

AGENDA ITEM #8: 2045 LRTP - DRAFT CAV MODELING ASSUMPTIONS

For the past year, work has been underway to update the Hampton Roads Travel Demand Model. As part of the update, a framework to address connected and autonomous vehicles (CAVs) has been included in the model. Although little data currently exists for estimating CAV impacts, it is already generally agreed that CAVs could drastically alter travel patterns. The Hampton Roads Travel Demand Model should allow users to design a wide range of CAV scenarios. Creating these scenarios will involve asserting assumptions about the fundamental parameters of behavioral change. The assumptions will be speculative until higher levels of autonomous vehicle functionality become real and data begins to become available on how travelers respond.

Ms. Dale M. Stith, Principal Transportation Planner, will brief the LRTP Subcommittee on this item.

RECOMMENDED ACTION

Form a working group to establish CAV modeling parameters as part of the 2045 LRTP.