

**South Orange County Multimodal Transportation Study
Purpose and Need Statement**

The Purpose and Need Statement summarizes the existing and future transportation challenges in the study area (which is illustrated in Attachment A) and the desired study outcomes. The Purpose and Need Statement provides the basis for defining alternative strategies for consideration, comparing alternative strategies, and ultimately for selecting a locally preferred strategy for south Orange County. The Purpose and Need Statement is summarized in the following table.

Need	Purpose
Development patterns and transportation network that favor driving	<ul style="list-style-type: none">• Increase availability and convenience of using non-single-occupant vehicle (SOV) modes of travel• Provide convenient connections between different travel modes• Provide options that are competitive to driving• Support travel alternatives that reduce SOV trip-making and trip lengths in coordination with land-use changes
Growing travel demand on a constrained system	<ul style="list-style-type: none">• Reduce overall travel demand• Enhance safety and efficiency of the existing transportation system• Employ cost-effective strategies to better utilize available highway, managed lane, and arterial capacity
Environmental and economic sustainability challenges	<ul style="list-style-type: none">• Support increased adoption of zero-emission vehicles• Improve access to clean, affordable travel options• Improve transportation resilience to destructive natural forces and events• Recommend improvements that minimize adverse environmental impacts and support economic development and community enhancement
Evolving travel behaviors in a rapidly changing world	<ul style="list-style-type: none">• Adopt flexible recommendations to adapt to evolving circumstances and conditions• Pursue improvements utilizing proven technologies• Promote policies and improvements that support equity and innovation