

**Florida Transportation Plan  
ACES Subcommittee  
Draft Strategies**

**Key Assumptions**

- Focus on how emerging technologies can enhance safety, mobility, and accessibility goals of FTP; recognize that these technologies also will help accomplish remaining FTP goals
- Recognize unique opportunities and issues in both urban and rural areas; and for residents, visitors, and freight
- Prepare for an extended period of transition to comprehensive adoption of specific technologies such as automated or connected vehicles

**Customers**

Strategy	Example Actions
<ul style="list-style-type: none"><li>• Adapt technologies to address needs of specific customer groups</li></ul>	<ul style="list-style-type: none"><li>• Targeted research, development, and deployment of technologies that address unique needs of seniors, youth, low-income residents, residents with limited English proficiency, disabled residents, visitors, and other groups</li><li>• Targeted education, training, and technology transfer initiatives</li></ul>
<ul style="list-style-type: none"><li>• Use technology to enhance customer service</li></ul>	<ul style="list-style-type: none"><li>• Continue efforts to integrate customer, routing, schedule and payment information across systems</li><li>• Continue efforts to improve the efficiency and reliability of licensing, permitting, registration, payment, and other regulatory transactions</li></ul>
<ul style="list-style-type: none"><li>• Plan for customer needs during the transition to comprehensive adoption of specific technologies such as automated or connected vehicles</li></ul>	<ul style="list-style-type: none"><li>• Support development of standards and interoperability among systems</li><li>• Encourage compatibility of existing and emerging technologies</li><li>• Ensure customers are aware of how to operate vehicles safely in a mixed fleet</li></ul>
<ul style="list-style-type: none"><li>• Ensure emerging technologies enhance equity and access to opportunity and avoid unintended consequences</li></ul>	<ul style="list-style-type: none"><li>• Support efforts to expand broadband connectivity statewide</li><li>• Encourage public sector technology deployments where feasible to provide options for customers who do not have smart devices, reliable broadband access or credit cards/bank accounts; develop policies or incentives to encourage private sector providers to address these needs</li></ul>

Strategy	Example Actions
<ul style="list-style-type: none"> <li>Plan for how emerging technologies will support customer needs during special events/emergencies</li> </ul>	<ul style="list-style-type: none"> <li>Incorporate opportunities and needs related to automated, connected, electric, and shared vehicles into emergency response planning (e.g., accommodations for electric vehicle charging if the power grid is not functioning; assumptions about the capacity of shared vehicle fleets to assist in evacuation or mobility for response personnel)</li> <li>Address opportunities and needs related to automated, connected, electric, and shared vehicles into post-emergency evaluations</li> <li>Strengthen coordination with law enforcement, fire &amp; rescue, towing, and first responders related to technology</li> </ul>
<ul style="list-style-type: none"> <li>Continue public awareness and education about the use and impacts of emerging technologies</li> </ul>	<ul style="list-style-type: none"> <li>Incorporate emerging technologies into driver education, training, and awareness programs</li> <li>Leverage partner networks to share information about new technologies (e.g., public health, public safety, and emergency management organizations; school districts; insurance industry)</li> </ul>
<ul style="list-style-type: none"> <li>Commit to ongoing research on customer acceptance, values, preference and behaviors related to transportation technology</li> </ul>	<ul style="list-style-type: none"> <li>Conduct periodic customer surveys about familiarity and comfort with new technologies</li> <li>Continue to conduct robust pilot tests; evaluate and report impacts of technologies on customer behavior</li> <li>Monitor and prepare for potential changes in travel patterns resulting from emerging technologies, including changes in how, where, and when people travel (particularly shifts across modes or systems)</li> </ul>

## Economic and Workforce Development

Strategy	Example Actions
<ul style="list-style-type: none"> <li>Encourage private sector companies involved in research, development, manufacturing, and services for transportation technology to locate and expand in Florida</li> </ul>	<ul style="list-style-type: none"> <li>Continue to provide a favorable environment including forward-looking, predictable laws and regulations</li> <li>Continue to provide opportunities for industry partners to test equipment and software in Florida</li> <li>Ensure key transportation technology industries are a focus for Department of Economic Opportunity, CareerSource Florida and Enterprise Florida programs and resources</li> </ul>

Strategy	Example Actions
<ul style="list-style-type: none"><li>• Develop, attract, and retain a skilled workforce for transportation technology research, development, manufacturing, and services</li></ul>	<ul style="list-style-type: none"><li>• Work with industry partners to document workforce supply, demand, and gaps</li><li>• Work with education and workforce development partners to close talent gaps through targeted training and development programs</li><li>• Encourage lifelong learning opportunities for transportation workers</li><li>• Maintain centers of excellence in transportation technology research and education</li></ul>
<ul style="list-style-type: none"><li>• Prepare transportation workforce for increasing automation of tasks</li></ul>	<ul style="list-style-type: none"><li>• Support initiatives that automate lower-value, routine activities but retain knowledge-based or non-routine service jobs in Florida</li><li>• Retrain and assist with transition of existing transportation workers anticipated to be impacted by automation (for example, in trucking)</li></ul>
<ul style="list-style-type: none"><li>• Position both urban and rural areas for economic development benefits related to technology</li></ul>	<ul style="list-style-type: none"><li>• Create mobility hubs in areas with access to multiple transportation options, jobs, and services</li><li>• Prepare to repurpose land and structures currently used for parking and other vehicle functions in urban areas to support community and economic development visions</li><li>• Assist rural local governments in preparing for economic opportunities related to specialized manufacturing, technology services, and entrepreneurship</li><li>• Support continued growth in logistics through strategic locations for e-commerce distribution and fulfillment centers, as well as continued enhancement to state, regional, and local freight corridors</li></ul>

### Infrastructure and Design

Strategy	Example Actions

### Technology and Data

Strategy	Example Actions

### Partnerships

Strategy	Example Actions

### Planning and Project Development

Strategy	Example Actions

### Funding

Strategy	Example Actions