

– Recommended Actions for Specific Boston Region MPO Programs and Plans –

Categories	Related MPO Products
Data / Planning Tools:	
<ul style="list-style-type: none"> Identify CAV technology potential to collect data, for both movement and infrastructure conditions. Identify resources that will be needed to implement/ conduct such new data-collection efforts. 	Bike/Ped, CMP, Freight
<ul style="list-style-type: none"> Identify existing infrastructure that should be upgraded to support CAV applications. 	Bike/Ped, CMP, Freight, LRTP
<ul style="list-style-type: none"> After identifying possible new planning uses for collected CAV data, develop appropriate new planning tools. 	CMP, Finance, Freight, LRTP
Planning Processes:	
<ul style="list-style-type: none"> Develop pilot programs to test CAV applications. Leverage past experience of freight fleet operators with CAV deployment to this end. 	Bike/Ped, Freight, LRTP
<ul style="list-style-type: none"> Modify project selection criteria to incorporate advancements in CAV technology. 	TIP
<ul style="list-style-type: none"> Identify short-term CAV project bundles for programming. 	LRTP, TIP
<ul style="list-style-type: none"> Determine if CAV technology would modify planning objectives/ performance targets. 	Freight, LRTP, PMP
<ul style="list-style-type: none"> Conduct periodic assessment of CAV market penetration to keep CAV program costs/ strategies up to date. 	Finance, Freight, LRTP
<ul style="list-style-type: none"> Document impact of CAV investments. Evaluate effectiveness of CAV to support performance targets. 	PMP
<ul style="list-style-type: none"> Determine if CAV technology can improve accuracy and measurement of performance targets. 	PMP
<ul style="list-style-type: none"> Perform scenario planning incorporating CAV technology. 	LRTP
<ul style="list-style-type: none"> Collaborate with private sector to develop freight strategies/ applications for CAV technology. Identify cost-sharing opportunities/ partnerships with private freight entities for CAV deployment. 	Finance, Freight
<ul style="list-style-type: none"> Identify federal funding sources for CAV deployment. 	Finance
<ul style="list-style-type: none"> Identify funding opportunities made possible by CAV technology, akin to the gas tax or user fees. 	Finance
Outreach:	
<ul style="list-style-type: none"> Use pilot deployments to generate public interest. 	PIP
<ul style="list-style-type: none"> Increase awareness of CAV technology via public education. Develop public-involvement strategies showcasing CAV technology. Form an interested community of early adopters; leverage existing organized groups to this end. 	PIP
<ul style="list-style-type: none"> Draft clear presentations and outreach material on CAV technology for different audiences; include proactive work to involve and plan for groups that historically have barriers to participation. 	PIP
<ul style="list-style-type: none"> Expect more intensive public involvement because of possibility and fear of major societal disruption. Always emphasize transparency. 	PIP
<ul style="list-style-type: none"> Foster research ties with educational institutions to keep current with the technology. 	PIP
<ul style="list-style-type: none"> Cross-market education, such as partnering with safety programs/ law enforcement. 	PIP