

## Transportation Planning Board CAV Principles

Below are draft CAV principles Staff have developed based on findings and recommendations of the CAV white paper, discussions during the four CAV webinars TPB hosted in 2020 and 2021, and a review of the context of Visualize 2045 and other existing TPB policy documents.

*Any deployment of CAVs in the National Capital Region should:*

1. increase the safety of everyone on or near transportation facilities.
2. increase accessibility and mobility options for all, in both design and operations.
3. maintain and enhance bicycling and walking in the region.
4. bolster the priority and provision of transit.
5. prioritize reduction of vehicle miles of travel.
6. ensure CAVs' benefits are available equitably to all people in the region.
7. bolster regional environmental and land use objectives, including prioritizing shared vehicles and advancing decarbonization of the transportation system.
8. ensure security (including cybersecurity) and privacy.
9. ensure freight and goods movements that help minimize disruptions and help enable livability of the region's communities.
10. bolster operational effectiveness, emergency and incident response, and safety of the transportation system.
11. bolster interjurisdictional coordination and technical interoperability among TPB member agencies.
12. bolster revenues and minimize costs for infrastructure and operations, and not cause undue costs for other modes of travel or for the region's communities.
13. include investment in traffic operations centers to ensure timely information is available to travelers, and travel conditions are reliable and safe.
14. make data freely available to TPB member agencies to enhance planning, operations, and emergency preparedness and response.
15. include robust efforts by TPB and member agencies to keep abreast of evolving technology to enhance support of TPB's goals.