Caltrans Leadership in Automated Vehicle Research

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Additional Transportation Funding (Senate Bill 1)

Provides more than $50 billion for improvements to California’s transportation infrastructure over the next ten years, including increased funding for the State Highway System:

• $15 billion for state highway maintenance and rehabilitation
• $4 billion for bridge and culvert maintenance and rehabilitation
• $3 billion for high priority freight corridors
• $2.5 billion for congested corridor relief
DMV Regulations for Testing and Operation of AV’s

Testing:
• Became effective on September 16, 2014
• 36 companies are currently permitted to test

Operation: (with some changes to testing also)
• Formal proposed rules published on March 10, 2017
  o The rule making process is progressing
  o “Driverless” testing and operation would be allowed

Please see:
www.dmv.ca.gov/portal/dmv/detail/vr/autonomous/auto
ACC versus Cooperative ACC

Adaptive Cruise Control
Truck Automation Testing
Partial Automation for Truck Platooning
Demo 2003 (Automated Bus Platooning)
Vehicle Assist & Automation (Bus Steering Automation)
Snow Plow Operator Assistance
Thanks for Participating

Caltrans provides a safe, sustainable, integrated and efficient transportation system to enhance California’s economy and livability