



California Road Charge



Fair. Transparent. Sustainable.

A road charge is a new way of paying for our state's transportation needs. It works by charging drivers based on how much they travel. There are lot of ways of doing this and the California Road Charge Demonstration will help the State see how well each of these options could work.

Four options to be tested with a road charge:

Phase 1: Pay-at-the-Pump/Charge Point

The pay-at-the-pump /charge point (PATP/CP) approach involves testing technologies that would allow drivers to pay their road charges at fueling and electric vehicle charging stations. Of all the options being tested, it is the one that is most like how everyone already pays their fuel taxes.



Phase 2: Usage Based Insurance

The usage-based insurance (UBI) approach involves testing road charge payment in conjunction with insurance policies based on how much you drive. Such policies are an increasingly popular option for people who might not drive that much and would benefit from a "pay-as-you-drive" approach to vehicle insurance. Much of the data used for these policies can also be used for road charge assessment.



Phase 3: Transportation Network Companies

The transportation network companies (TNC) approach involves testing road charge payment in conjunction with ride hailing services that are growing in popularity as an alternative to driving your own vehicle. TNC services typically use a smartphone app that allows users to request a ride from available drivers who are in the area. Payment for these services is handled through the app. Much of the data used by TNCs can also be used for road charge assessment.



Phase 4: Autonomous Vehicles

The autonomous vehicle (AV) project phase will not have any participants. An AV partner will provide the research team with data from one of their AVs operating in California to see how information from an AV could be used to assess a road charge.



	PHASE 1: PATP/CP	PHASE 2: UBI	PHASE 3: TNC	PHASE 4:AV
Demonstration Length	January-June 6 months	February-June 5 months	March-June 4 months	April-June 3 months
Reporting Method	Plug-in device and mobile app	Odometer photo upload to website	Mobile app	In-vehicle technology
Reporting Frequency	Weekly	Monthly	Every Ride	No participants



Interested in participating?

The first step is to fill out the information requested on the California Road Charge website: <http://www.caroadcharge.com/engage/contact-us/>. The Project Team will select participants from the pool of interested parties towards the end of this year. If selected to participate, you'll receive information on how to enroll and get started.

Note: During the six-month demonstration, you will be required to take a few surveys and you may also be asked to participate in a focus group.