

**California Road Charge Pilot Program Technical Advisory Committee (TAC)  
Minutes  
July 24, 2015**

**Lake Tahoe Resort Hotel  
Stanford/Blaisdel Room  
4130 Lake Tahoe Blvd  
South Lake Tahoe, CA**

[www.CaliforniaRoadChargePilot.com](http://www.CaliforniaRoadChargePilot.com)

**1. Roll Call**

Jim Madaffer, Chair, convened the meeting of the Road Charge Technical Advisory Committee (TAC) at 9:00 AM. Anne Johnson, staff of the California Transportation Commission (CTC), conducted roll call.

Chair Jim Madaffer	Present	Richard Marcantonio	Present
Lisa Bartlett	Absent	Pam O'Connor	Arrived at 9:15 am
Senator Jim Beall	Absent	Eshwar Pittampalli	Absent
Assembly Member David Chiu	Absent	Robert Poythress	Present
David Finigan	Present	Eric Sauer	Present
Stephen Finnegan	Present	Lee Tien	Present
Gautam Hans	Absent	Martin Wachs	Present
Loren Kaye	Present		

Chair Madaffer provided a reminder that public comments are welcomed throughout the meeting.

**2. Public Comment**

No comments from the public were made for this agenda item.

**3. Approval of Minutes for June 26, 2015**

Motion: Poythress                      Second: Wachs                      Action Taken: Approved

Vote Result: 9-0

Ayes: Finigan, Finnegan, Kaye, Madaffer, Marcantonio, Poythress, Sauer, Tien, Wachs

Nays: None

Absent: Bartlett, Beall, Chiu, Hans, O'Connor, Pittampalli

## 4. TAC Member Reports

TAC members reported the following speaking/attendance engagements throughout the past month:

- Chair Madaffer spoke on the road charge pilot program at the Coachella Valley Association of Governments General Assembly Meeting in Palm Desert; testified before the Senate Extraordinary Session Committee on Transportation and Infrastructure Development ; along with other California Transportation Commissioners, had meetings with the Speaker of the Assembly, Senate Pro-Tempore, Senator Huff, Assembly Transportation Committee Chair Frazier, Senate Transportation and Housing Committee Chair Beall, Assemblymember Kristin Olsen; attended road charge focus groups in Oakland and in San Diego.
- Chair Madaffer and Will Kempton, CTC Executive Director, spoke at the League of California Cities board meeting about the progress of the road charge TAC.
- Professor Wachs spoke at the Valley Industry & Commerce Association (VICA) Transportation Committee meeting in North Hollywood in regards to the progress of the road charge TAC; reported that Asha Agrawal's study on the synthesis of road user charge attitude has been approved by the oversight panel and therefore, she can now make public presentations on her study.
- Mr. Marcantonio reported the CTC staff had a teleconference meeting with the Sierra Club beginning of the week to provide an update on the progress of the TAC; along with CTC staff, had a call with the California Endowment, who has sites throughout the state called Building Healthy Communities, about setting up a webinar in the Fall for people throughout the state to gather input from the low-income household perspective.
- Mr. Finnegan announced he will be doing a radio interview later in the morning on the road conditions; copies of the Auto Club's position on the transportation funding package will be available sometime during this meeting.
- Kelley Jimenez, Supervisor Bartlett's staff, made the following comments on behalf of Supervisor Bartlett:
  - Request the inclusion of natural gas vehicles into the volunteer participant matrix.
  - Recommends the use of existing data security measures to reduce the costs of implementation of the road charge pilot program. One example is the payment card industry standards.
  - Consider privacy concerns where there is a separation between systems in terms of payment form and data usage.
  - Request report back at August meeting in regards to focus groups and outreach efforts.

## 5. Actions/Updates of On-Going Work

### a. **Outline of Final Report**

Carrie Pourvahidi, CTC staff, provided an outline of the Final Report (click [here](#) for the outline). As the sections of the report are being written, it will be distributed to the TAC for review and comment.

A subcommittee of the TAC for the Final Report development was recommended, consisting of Steve Finnegan, Pam O'Connor, Robert Poythress, and Martin Wachs.

Motion: Finigan

Second: Marcantonio

Action Taken: Approved

Vote Result: 10-0

Ayes: Finigan, Finnegan, Kaye, Madaffer, Marcantonio, O'Connor, Poythress, Sauer, Tien, Wachs

Nays: None

Absent: Bartlett, Beall, Chiu, Hans, Pittampalli

Mr. Marcantonio requested Privacy and Social Equity be separate sections in the final report.

Supervisor Finigan asked if the TAC will be given a status of Oregon's road charge pilot program (OReGo).

Mr. Kempton responded that there are plans to invite Jim Whitty to either the August or September meeting to provide a status update of OReGo.

In reference to Section 4.5 (other policy issues) of Final Report, Mr. Finnegan commented to have the TAC keep in mind the broader policy issues that could lead into discussions for implementation of a road charge fee in the future.

## **b. Focus Groups Update**

Gary Gutierrez, Caltrans, provided an informational progress update of the focus groups (click [here](#) for a link to the memorandum).

One of the big takeaways from the first focus group in Oakland was the need to educate the general public on how roadways are currently funded and maintained. The focus groups have concluded and a high level summary of the focus groups will be prepared by mid-August. For the telephone surveys, there will be a need to emphasize that the road charge is a replacement of the gas tax. Quantitative data from the focus groups will be provided to the TAC.

## **6. Workgroup Update**

Sharon Scherzinger, Executive Director of the El Dorado County Transportation Commission and Rural Counties Task Force Representative on the Road Charge Workgroup, provided an update of the Workgroup's efforts. The Workgroup last met on July 15, 2015 to discuss policy matters that the TAC is considering at today's meeting (click [here](#) for a link to the memorandum and the Workgroup roster).

## **7. Informational Reports**

Carrie Pourvahidi, CTC staff, stated the public comment matrix and copies of comments received since the last TAC meeting are provided in the meeting materials. Chair Madaffer commented that the public comments received have been consistent with what is being heard at the focus groups.

## **a. Response to June TAC Questions**

Gary Gutierrez, Caltrans, provided an informational memorandum to the TAC in response to the follow-up questions from the June TAC meeting (click [here](#) for a link to the memorandum).

## **b. Website Update**

Brady Tacdol, Caltrans, provided an update on the [Website statistics](#).

The California Road Charge Pilot website can be linked to other websites. This is a great opportunity to recruit volunteers for the pilot program through our industry partners. If interested, please contact CTC staff or Mr. Tacdol.

## **8. Policy Decisions Overview**

Carrie Pourvahidi, CTC staff, provided an overview of the policy decisions to be made for this meeting (click [here](#) for a link to the presentation).

## **9. Review of Volunteer Participation Matrix**

Travis Dunn, D'Artagnan Consulting, provided a review of the Volunteer Pilot Participant Matrix (click [here](#) for a link to the presentation).

Items discussed included, but were not limited to, the following:

- Low/high household income
- Census tract information
- Disadvantaged communities
- Hybrids and Electric vehicles
- Representation from the trucking industry
- Multiple participants and vehicles in one household

### **a. How many participants should be involved in the pilot?**

### **b. How should participants be distributed throughout the state?**

Staff recommended adoption of the volunteer recruitment categories, and distribution of participants according to targeted numbers in each category as shown in the matrix provided at the July 24, 2015 TAC meeting (click [here](#) for Revised TAB 9 insert).

Motion made with provision that 50 is the minimum target for trucks, and the endeavor is to make that higher. Clarification that 50 is the number of vehicles.

Motion: Sauer

Second: O'Connor

Action Taken: Approved

Vote Result: 10-0

Ayes: Finigan, Finnegan, Kaye, Madaffer, Marcantonio, O'Connor, Poythress, Sauer, Tien, Wachs

Nays: None

Absent: Bartlett, Beall, Chiu, Hans, Pittampalli

## **10. Introduction to the Concept of Operations**

Matthew Dorfman, D'Artagnan Consulting, provided an informational presentation on the introduction to the Concept of Operations (click [here](#) for a link to the presentation).

Mr. Kaye asked if the volunteers will pay for road charge fees during the pilot.

Mr. Kempton explained that SB 1077 does not give authorization for the state to collect revenue during the pilot. It will be a simulation process with no transfer of funds.

Chair Madaffer commented that while there is no exchange of funds during the pilot, there may be a non-monetary incentive to sign up to be a volunteer.

Chair Madaffer requested the draft Concept of Operations be provided to the TAC after review by Caltrans staff.

No comments from the public were made for this agenda item.

## **11. Business Case Update**

Travis Dunn, D'Artagnan Consulting, provided an informational update to the Business Case (click [here](#) for a link to the presentation).

Items discussed during the presentation included, but were not limited to, the following:

- Cost to collect road charge
- Complexity of the process to replace the gas tax
- Road charge rate

## **12. Data Security in California's Road Charge Pilot Program**

Matthew Dorfman, D'Artagnan Consulting, provided a presentation on the Data Security in California's Road Charge Pilot Program (click [here](#) for a link to the presentation).

During the presentation, there were discussions on:

- Law enforcement access to data
- Location privacy and choice to opt-in
- Data destruction on devices
- Value to location data

Mr. Marcantonio requested staff to provide the TAC with specific research questions that could be answered by the location data voluntarily provided by participants. Mr. Tien requested CTC attorney to advise if using such research data will trigger other considerations related to the Institutional Review Board (IRB). CTC attorney will consult with Mr. Tien on this matter.

### **a. What system data security features should be used in the pilot?**

Staff recommended adoption of the nine Data Security provisions related to: Authentication; Authorization; Data Modification Notification; Data Masking; Encryption; Data Storage; Data Transmittal; Data Destruction; and General IT Network Security as fully described on pages 46-47 of the TAC Briefing Book #7.

Motion made with provision to add Third Party Oversight to the data security provisions listed above and that an independent, third party expert in data security should audit the pilot IT

systems to identify potential instances of noncompliance with the data security features described in pages 46-47 of TAC Briefing Book #7 and recommend improvements.

Motion: Finigan                      Second: Wachs                      Action Taken: Approved

Vote Result: 9-0

Ayes: Finigan, Kaye, Madaffer, Marcantonio, O'Connor, Poythress, Sauer, Tien, Wachs

Nays: None

Absent: Bartlett, Beall, Chiu, Finnegan, Hans, Pittampalli

No comments from the public were made for this agenda item.

### **13. Privacy Principles and Privacy Protection Provisions**

Jeff Doyle, D'Artagnan Consulting, provided a presentation on the Privacy Principles and Privacy Protection Provisions (click [here](#) for a link to the presentation).

In a teleconference, Chair Madaffer, Mr. Tien, Mr. Hans, and Professor Wachs have discussed and provided input in the development of the principles and provisions and endorse the approach presented.

#### **a. What privacy principles and privacy protection provisions does the TAC recommend?**

Staff recommended adoption of the road charge Privacy Principles and the road charge Privacy Protection Provisions contained in Appendix 1 of the TAC Briefing Book #7.

Motion with provision that Privacy Protection Provisions Section 7 (page 62 of Appendix 1 of briefing book) requires motorists' consent to release personal information be clear, unambiguous, and in writing.

Motion: Marcantonio                      Second: Tien                      Action Taken: Approved

Vote Result: 10-0

Ayes: Finigan, Finnegan, Kaye, Madaffer, Marcantonio, O'Connor, Poythress, Sauer, Tien, Wachs

Nays: None

Absent: Bartlett, Beall, Chiu, Hans, Pittampalli

No comments from the public were made for this agenda item.

### **14. Review of TAC Policy and Design Decisions to Date**

Jeff Doyle, D'Artagnan Consulting, provided a comprehensive review of the TAC Policy and Design Decisions to Date (click [here](#) for a link to the presentation).

## a. Does the TAC have any adjustments to previous policy and design decisions?

Mr. Marcantonio requested to add “public and private account managers” to the wording of the first design decision presented.

Chair Madaffer stated that there is no need to make a motion for Mr. Marcantonio’s request as there is consensus from the TAC. Consultants will make note to the change of wording.

## **15. Review of Action Items, Parking Lot, Next Steps and Other Matters**

Jeff Doyle, D’Artagnan Consulting, went through the list of action items to include before or at the August TAC meeting, the Parking Lot, and potential decisions for the August TAC meeting.

### **Action Items:**

1. Invite Asha Agrawal for a presentation at the August TAC meeting.
2. Distribute draft version of Final Report to TAC when sections become available.
3. Update on the status of OReGo.
4. Provide the TAC results of quantitative survey data obtained from the focus groups.
5. Consider census tract data to identify disadvantaged communities to aid in the recruitment of the lower income pilot program participants.
6. Provide the TAC with examples of specific research questions that could be answered by using “big bucket” locational data voluntarily provided by participants.
7. Consider additional use of such research data trigger other considerations related to IRB and human subject testing.
8. Explore ways to have a third party information security audit of the pilot program with data security measures and standards before launch.
9. Provide full concept of operations to the TAC in a future meeting.
10. Clarify any consent provided by drivers must be informed consent before written release for disclosure.
11. Pilot will offer both public and private account managers.

Mr. Kaye requested an agenda item for next month’s meeting to discuss what a per mile charge should be, based on what consumers are paying today. Although no money exchanging hands, would like to set a rate for the road charge pilot to be able to inform the volunteers and to have an answer if asked that question.

Mr. Kempton reiterated that in SB 1077, the TAC is not tasked to set a rate for implementation of a mileage based user fee in California. A more reasonable responsibility, if it helps with the pilot, is for the TAC to suggest a rate to the Secretary that will be used to test the mileage based user fee as part of the pilot.

Mr. Finnegan commented that it is useful to have numbers for comparison. However, if we choose any rate for the pilot that is different than an equivalent to the gas tax now, then the concern is about the focus on the rate, and not about the work the TAC has done. If the pilot is not revenue neutral, then there will be a problem.

### **Public Comment:**

- Sahas Katta made the following comments in regards to the collection of telematics data:
  - New vehicles have an embedded cellular modem, which has the capability to talk to the internet. Therefore, the data from the vehicles can be extracted wirelessly, without using an aftermarket item to attach to the vehicle.
  - The transmittal of data is verified and secured through a cellular network carrier (i.e. AT&T, Verizon, Sprint)

- This year, 24% of the 17 million new cars that have been purchased in the United States have 3G or 4G connectivity, and by 2018, 80% of new cars will have this connectivity.

Mr. Finnegan shared the Auto Club's views on the transportation funding package which are summarized in three key areas:

- California motorists pay more in taxes than those in other states
- Roads are in poor condition
- There should be a change – the first investment should be to redirect funds back to transportation

Professor Wachs commented that there appears to be more interest from volunteers in Northern California and asked if there is a specific strategy to focus in Southern California.

Ms. Pourvahidi states there are transportation forums planned throughout California, in which road charge will be one of the talking points. There is a forum planned in Los Angeles next week, a forum planned in San Diego in August, and also planning a forum in Orange County.

## **16. Public Comment**

No comments from the public were made for this agenda item.

## **17. Adjourn**

Next TAC meeting will be on Wednesday, August 26, 2015 in San Diego at the San Diego Association of Governments (SANDAG) offices.

Meeting adjourned at 2:54 pm.