### Project Information Form

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Design and Analysis of Feebate Policies for Sustainable ZEV and Other Low Carbon Vehicle Market Development in California and Other States</th>
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<tbody>
<tr>
<td>University</td>
<td>UC Davis</td>
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<tr>
<td>Principal Investigator</td>
<td>Lewis Fulton</td>
</tr>
<tr>
<td>PI Contact Information</td>
<td>Ph. 530-752-3004 <a href="mailto:Imfulton@ucdavis.edu">Imfulton@ucdavis.edu</a></td>
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<tr>
<td>Funding Source(s) and Amounts Provided (by each agency or organization)</td>
<td>US DOT $36,442</td>
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<tr>
<td>Total Project Cost</td>
<td>$36,442</td>
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<tr>
<td>Agency ID or Contract Number</td>
<td>DTRT13-G-UTC29</td>
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<td>Start and End Dates</td>
<td>September 1, 2014 – June 30, 2015</td>
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<tr>
<td>Brief Description of Research Project</td>
<td>Zero-emission vehicles (ZEVs) are expected to play a critical role in decarbonizing light-duty vehicle passenger transportation in the United States over the next 20 years. They currently are quite expensive and while cost reductions are expected, the future costs of these vehicles are inherently uncertain. The U.S. government and some state governments currently provide price subsidies. However, subsidies may be needed for a decade or more. This creates an issue of policy sustainability. We propose to analyze policies that could address this problem in a real-world economic and political sense: feebates (revenue neutral, self-sustaining vehicle tax systems with rebates to efficient, low- carbon vehicles, and fees on inefficient, high-carbon vehicles). UCD researchers and others have previously analyzed these, and some countries have adopted versions of this policy. We will take it to the next step by developing feebate structures that are acceptable to key stakeholders, fair across demographic/income groups and economically efficient. We will build on previous data, modeling, and behavioral research, review recent experience with feebates (particularly in Europe) and conduct interviews with stakeholders and policy makers to establish a range of</td>
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politically feasible policies without overly compromising the integrity and GHG benefits of the policy.

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<th>Describe Implementation of Research Outcomes (or why not implemented)</th>
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<td>(Attach Any Photos)</td>
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<th>Impacts/Benefits of Implementation (actual, not anticipated)</th>
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<th>Web Links</th>
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<tbody>
<tr>
<td>- Reports</td>
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<td>- Project website</td>
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http://ncst.ucdavis.edu/project/ucd-dot-001