QUARTERLY PROGRESS REPORT

Fiscal Year 2015/2016, Quarter 1st

Caltrans Task Manager: Yue Wang  Task ID/Project ID (for Caltrans use only):

Task Order No.: TO 022  Contract No.: 65A0529 TO 022

1. Task Title: SB-743: From LOS to VMT, VHT, and Beyond through Data Fusion: Application to Integrated Corridor Management

2. Describe last quarter’s tasks/deliverables:

   (i) Mathematical formulation of VMT & VHT calculations based on the available data sources
   (ii) Algorithm development for VMT and VHT inference, and tests on the synthetic data from simulations

3. Describe next quarter’s tasks/deliverables and their due dates:

   (i) Development of algorithms for VHT inference, validation on existing data
   (ii) Development of algorithms for VMT inference, validation on existing data

4. Describe Project Status:

   - Are you on time with your schedule?
     ☒ YES
     ☐ NO

   - Are you on budget?
     ☒ YES
     ☐ NO

   - Are you on scope?
     ☒ YES
     ☐ NO

If the answer to any of the above is NO, please explain below:

Due to administrative processes, project start was delayed.

5. Estimated percent of work completed: 20%
   Estimated percent of budget expended: 31%

6. What are your expenditure projections for the next four quarters or until the project’s end?
<table>
<thead>
<tr>
<th></th>
<th>FY 15/16; Q2</th>
<th>FY 15/16; Q3</th>
<th>FY 15/16; Q4</th>
<th>FY 16/17; Q1</th>
</tr>
</thead>
<tbody>
<tr>
<td>$</td>
<td>$ 54,480</td>
<td>$ 54,480</td>
<td>$ 8,737</td>
<td>$ N/A</td>
</tr>
</tbody>
</table>
Use this area for any additional information. Clearly identify which Section this information applies to.

FY 2015-16, Q1 Budget expended includes 1 summer month PI's salary as per requested and approved budget.

Submitted By: Laman Sadaghiani
Date: 10/20/2015