

QUARTERLY PROGRESS REPORT

For 1st Quarter, Fiscal Year 2014/15

Caltrans Task Manager: Frank Law

Project ID:

Task Order No.:

Contract No.: 65A0529

- Task Title: Crowd-sourced Data to Activity Models: Human Mobility Prediction for Real-time Ride-sharing
- Describe last quarter's tasks/deliverables:
 1. An android application for location data collection.
 2. A web server that receives streaming location data from smartphones.
 3. Preliminary analysis of location data.
- Describe next quarter's tasks/deliverables and their due dates:
 1. CPSH protocol for the study – Dec. 1st
 2. Design text data collection – Dec. 30th
 3. Continue analysis of location data – Dec. 30th

Describe Project Status:

We have developed an Android application that continuously collects location data from smartphones. The web server receives the streaming location data and enables us to monitor and query the location data. Preliminary analyses have been conducted on our location data. We have developed algorithms to detect smartphone owners' activities and trips from the location data. Activity patterns for the smartphone owners' have been estimated. This enables us to predict trips generated by the smartphone owners.

Are you on time with your schedule?

YES
 NO

Are you on budget?

YES
 NO

Are you on scope?

YES

_____ NO

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

5.0 Estimated percent of work completed: 25 %
Estimated percent of budget expended: %

6.0 What are your expenditure projections for the next two (2) quarters?

\$	\$
FY 14/15; Q 4	FY 15/16; Q 1

Use this area for additional information. Clearly identify which Section this information applies to.

Submitted By:

Date: _____