

## QUARTERLY PROGRESS REPORT

Fiscal Year 2015/2016 , Quarter 3rd

Caltrans Task Manager:Fouad Ziaullah      Task ID/Project ID (for Caltrans use only): 2795

Task Order No.: TO-009      Contract No.: 65A059

1.      Task Title: Smartphones, Information and Transportation demand modeling: an analysis of Transportation Network Companies
2.      Describe last quarter's tasks/deliverables:

We have continued to work on our first task and second task. Our tasks will be cobined for a final report. We hope to submit this as soon as possible. This has been a significant undertaking as the TNC industry is in flux, so much so that as soon as we think that we have covered many of the bases in understanding this industry, notable regulatory and court actions have changed or impacted individual companies. Since December, Sidecar ( a significant startup in San Francisco) announced that they were closing their current operations. Now the two major TNC companies in California are Uber and Lyft. We have been unable to find and secure data sets so far that can fully help us in modeling latent travel demand. What we have found so far is that the true impacts of this industry will be hard to fully model until regulatory and court issues are resolved. Although some suggest that TNCs will be the new mode of travel where an ever larger share of non-transit trips will be provided by TNC companies, this can not be fully supported by the data at this time. There appears to be a significant impact on taxi companies, where many riders of Uber and Lyft would have taken a taxi. There also appears to be a significant replacement of trips by personally-owned vehiles as well, where the number of trips may not differ much from the total trips made previously. Altogether there is considerable uncertainty, as to the amount of latent demand being generated by this service.

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

This is the last quarterly report for this project as it formally ends on April 15, 2016. We plan to submit our final report as quickly as possible.

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:

We were given a stop work order by UCConnect staff at UC Berkeley effective 12/31/2015. We were told to stop work until their no-cost extension had been processed by Calstrans. We were not given authorization to begin work until late January. Overall, the project timeline was realistic, if it had started on time (and not in the middle of a university teaching quarter) and if it had ended at the end of a quarter (and not in the middle of a university teaching quarter). In addition stopping work in the middle of the project was also quite disruptive. Graduate student researchers will not work on a project when it spans only half a quarter as their fees and insurance will not be paid.

- 5.      Estimated percent of work completed:            75%  
           Estimated percent of budget expended:        80%
  
- 6.      What are your expenditure projections for the next four quarters or until the project's end?

FY 15/16; Q1	FY 15/16; Q2	FY 15/16; Q3	FY 16/17; Q4
\$	\$	\$	\$



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

Our project began in June, 2015 due to availability of student researchers. The stop work order that we received in December, 2015 had an impact on our progress in this next quarter. Our request for a no-cost extension to June 30, 2016 was denied.

Submitted By: R.L. Church

Date: 05/05/2016