

QUARTERLY PROGRESS REPORT

Fiscal Year 15/16, Quarter 3 (Jan-Dec)

Caltrans Task Manager:

Task ID/Project ID (for Caltrans use only):

Task Order No.: 17

Contract No.: 65A0529

1. Task Title: Bicycle Crash Risk: How Does it Vary, and Why?

2. Describe last quarter's tasks/deliverables:

This quarter, we finished data entry to complete the database. We used GIS processes and existing GIS data sets as well as systematic visual evaluation of aerial imagery at sites. We conducted a descriptive analysis, looking at the range of variation in each independent variable and starting to identify some patterns in the data.

We did initial research on the statistical modeling, learning about negative binomial, poisson, and zero-inflated models. We began creating map templates and mapping the count and crash data. We created hourly factors to extrapolate daily volumes from the short duration bicycle counts, and created SQL queries for volume summaries by time period. We also began writing the final report, completing drafts of the literature review, context overview, and methodology sections.

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

Next quarter, we will finish the statistical modeling and write the final report. We will update the descriptive analysis with the full data set. We will revise the existing sections, write an interpretation and conclusion from the modeling results, and write two policy briefs.

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:

5. Estimated percent of work completed: 80 %
Estimated percent of budget expended: 100 %

6. What are your expenditure projections for the next four (4) quarters?

\$	\$		\$0
FY 15/16; Q 3	FY 15/16; Q 4	FY 16/17; Q 1	FY 16/17; Q 2

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

Submitted By: Herbie Huff

Date: March 5, 2015