

QUARTERLY PROGRESS REPORT

Fiscal Year 15/16, Quarter 2 (Oct-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:

Last quarter, we continued to build our database of count and crash data along with explanatory variables for testing. We finalized our list of independent variables and operational definitions for coding each. We finalized our GIS data structure. We summarized the count data and finalized the selection of sites with count data of sufficient quality.

Using data from automated counters, we also created extrapolation factors to allow for comparability of count data collected over differing time periods.

We also added automated counter data from a 4 more sites to our database and completed data entry of the manual counts conducted in September.

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

This quarter, we will finish data entry to complete the database. We'll use both GIS processes and GIS data sets as well as some visual evaluation of aerial imagery at sites. We'll conduct a descriptive analysis, looking at the range of variation in each independent variable and starting to identify some patterns in the data. We will then model and analyze the data using STATA, testing models based on binomial and poisson distributions.

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: 60 %
Estimated percent of budget expended: 40 %

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

\$ 65,000	\$		\$0
FY 15/16; Q 2	FY 15/16; Q 3	FY 15/16; Q 4	FY 16/17; Q 1

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

Submitted By: Herbie Huff

Date: February 1, 2015