

Report submitted for July – December 2012 reporting period

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| UTC Project Information | |
| Project Title | Error Assessment for Emerging Traffic Data Collection Devices |
| University | University of Washington |
| Principal Investigator | Edward McCormack, Yinhai Wang |
| PI Contact Information | <u>Edward McCormack, 206 543-3348, edm@uw.edu</u> |
| Funding Source(s) and Amounts Provided (by each agency or organization) | PacTrans (\$30,000) and Washington State Department of Transportation (\$30,000 cash) |
| Total Project Cost | \$60,000 |
| Agency ID or Contract Number | UW62-4909 |
| Start and End Dates | May 16, 2012 to May 15, 2013 |
| Brief Description of Research Project | A number of technologies are available to address travel time monitoring, each with its benefits and drawbacks. Unfortunately, very few studies have evaluated the effectiveness of travel time sensors side by side; therefore, it is often unclear which approach should be used for a particular application, such as one of those mentioned above. This project will provide such an evaluation of those technologies by using instrumented corridors managed by the Washington State Department of Transportation (WSDOT). |
| Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here | The tests have not occurred due to sensor installation and calibration issues on the vendor side. |
| Impacts/Benefits of Implementation (actual, not anticipated) | None at this time |
| Web Links · Reports · Project website | Error Assessment For Emerging Traffic Data Collection Devices http://depts.washington.edu/pactrans/wp-content/uploads/2012/12/PacTrans-18-624909-McCormack-Edward-Small-Project.pdf |