

Idaho Incubation Fund Program

Quarterly Progress Report Form

March 26, 2012

Proposal No. TOIF12017 FY12-017
Name: Richard Wall
Name of Institution: University of Idaho
Project Title: An Accessible Pedestrian System Fault Monitor

Information to be reported in your progress report is as follows:

1. Provide a summary of project goals/milestones for the period just completed, accomplishments for the period just completed, and plans and goals for the coming quarter:
 - The last progress report on this project was submitted on or about December 20, 2011. The progress of this project is indicated on Table 1. The following list identifies the project activity.
 - Advanced Accessible Pedestrian Simulator completed
 - Software
 - PFM tested for single pedestrian button system
 - Able to detect and respond to faulting operations packets within 250ms
 - System demonstrated to Campbell Company Engineer on March 1, 2012 in the Smart Signals Research Lab, Moscow, ID.
 - Pedestrian Fault Monitor hardware development environment has been mastered.
 - Plans for the next quarter
 - Expand system operations to 16 pedestrian stations
 - Complete PFM laboratory testing
 - Demonstrate complete system at Campbell company on May 4th
 - Organize Pedestrian Workshop

Table 1. Project Tasks, Milestones, and Schedule:

Research Timeline 2011–2012	July '11	August	September	October	November	December	January '12	February	March	April	May	June
Analyze network communications protocols	100%											
Program PFM computer		90%										
Generate test plan			100%									
Laboratory testing								75%				
Field testing in Moscow								40%				
Performance documentation								40%				
Field tests: Campbell Company									0%			
Report of findings												0

2. Provide a summary of budget expenditures for the period just completed:

To date, \$5,602.33 has been spent on student salaries and fringe benefits plus \$366 on the self-contained computer hardware enclosure.

3. List patents, copyrights, plant variety protection certificates received or pending:

The technology being developed for this project is an extension of technology already licensed to Campbell Co. The original patent application is serial number 13/059,635 titled "Advanced Accessible Pedestrian System for Signalized Traffic Intersections" filed 02/17/2011.

4. List invention disclosures, patent, copyright and PVP applications filed, technology licenses/options signed, start-up businesses created, and industry involvement:

See item 3.

5. Include funding burn rate:

This equates to 85% of funds available and 26% of the project time remaining.

6. Any other pertinent information: