January 2014 Quarterly Status Report for TPF5-280

“WEB-BASED TRAFFIC DATA VISULIZATION AND ANALYSIS TOOLS”

Study update:

1. The Purchase Order was awarded on February 10, 2014 to:

Albany Visualization and Informatics Lab (AVAIL)

Lewis Mumford Center, University at Albany, SUNY

* Dr. Catherine Lawson, PhD. – Principal Investigator
* Matthew Wolkoff – Project Manager
* Alex Muro – Senior Technical Programmer

1. The service provider Kick-Of meeting with the FHWA Technical Point Of Contact (TPOC) that outlined the roles and responsibilities. (see agenda)
2. The initial kick-off Technical Advisory Panel meeting with the service provider is being scheduled for either of the following dates of TA members availability as follows:

• Tuesday 2/25 | 11:00 AM – 1:00 PM EST

• Tuesday 2/25 | 2:00 PM– 4:00 PM EST

• Monday 3/3 | 3:00 PM – 5:00 PM EST

• Thursday 3/6 | 11:00 AM – 1:00 PM EST

1. The “In Person meeting is scheduled for Chicago, Illinois prior to NATMEC on Sunday June 29, 2014 at 1:30 pm.

This project will help the Six State Highway Agencies (SHA) (Connecticut,

North Carolina, Michigan, Ohio, Pennsylvania, and Texas) contributing funds to participate in this Transportation Pooled Fund Program and the Federal Highway Administration (FHWA) better meet the truck traffic data needs: (1) implementing the new pavement design methodology; (2) develop SHA freight strategic plans; and (3) enhance truck size and weight program to efficiently utilize the infrastructure facilities.

The project will provide the SHAs and FHWA with a unique data analysis tool that utilizes vehicle speed, volume, class and weigh-in-motion (WIM) data in the FHWA’s Traffic Monitoring Guide (TMG) data formats using publically available visualization and mapping tool such as Google earth that is free easily displayed. This analysis tool will allow for special studies such as evaluating the effect of traffic on bridges and pavements to be performed.

Any questions regarding this study must be directed to the TPOC below:

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