Transportation Pooled Fund Program
Quarterly Progress Report

TPF-5(182) SafetyAnalyst

April 1 – June 30, 2009

Background

SafetyAnalyst is a state-of-the-art software tool for use in the decision-making process to help highway agencies identify and manage a system-wide program of site-specific improvements to cost effectively enhance highway safety. The objectives of TPF-5(182) are to support participating States' efforts to prepare their data and conduct hands-on testing and evaluation of SafetyAnalyst, and complete development of SafetyAnalyst in preparation for its long-term distribution, maintenance, technical support, and enhancement as an AASHTOWare product.

The work is performed under 2 contracts:

- Contract No. DTFH61-01-F-00096 between FHWA and the Midwest Research Institute
- Contract No. DTFH61-03-C-00031 between FHWA and ITT Industries

Progress This Quarter

- Continued to provide technical support of participating States' data preparations and testing.
- Completed draft final version of SafetyAnalyst and posted it on June 30, 2009.
- Held Technical Working Group webinars on April 3 and June 30, 2009.
- Conducted weekly web conferences for SafetyAnalyst users and data managers, and an introductory webinar for States that have not participated in the pooled-fund study.
- Draft final report, user's manual, and applications guide in preparation.

Products Delivered This Quarter

- Posted stable build Version 2.2.0 on April 23, and draft final version 3.0.0 on June 30, 2009.

Planned Activities Next Quarter:

- Provide technical support to participating States in their data preparations and testing of SafetyAnalyst.
- Complete conformance testing of the new project-level analysis in Module 4.
- Fix known problems remaining in the draft final version of the software and any additional problems identified through.
- Complete updates to software documentation.
- Prepare final release for transfer to AASHTO.
- Conduct a web conference for SafetyAnalyst Technical Working Group, offer web conference for States considering licensing, continue weekly data management and analytical tool web conferences.