

Quarterly Update - April 2, 2010

Project: TPF-5(158): FHWA Traffic Noise Model: Version 3.0 Software Development

The TPF-5(158) states participated in a series of webinars in the second half of 2009. The webinars ended with FHWA offering to the participating states to be a part of the TNM 3.0 beta-testing process. Many of the states agreed to participate in the beta-testing, which is anticipated to begin in January 2011. We are planning to have a laptop at the FHWA exhibit booth during the ADC40 summer meeting in Denver Colorado with the current developmental version of TNM 3.0.

A status update for the items identified and being paid for by this pooled fund are:

Tasks Currently in Progress

1. Barrier Reflections: This item has been started, but will need additional funding in order for it to be completed. Colorado DOT has joined this pooled fund and has committed \$30,000 over three years (\$10,000 per year). These funds will go towards this task, but more funding is needed. The FHWA is seeking additional funding to continue and complete this task. The reason for the funding shortfall is due to the complexity of this task as well as some unforeseen programming obstacles associated with the other tasks.
2. Enhanced Contours: This task is almost completed

Tasks Completed

Multi-lane tools: Will be able to start with existing roadway or from scratch and create a multilane roadway

Basic DXF Import: Will be able to import as image, generic object for conversion, and as specific object, e.g. Roadways

GIS Import/Export: Will be able to import as image, generic object for conversion, and as specific object, e.g. Roadways. Export TBD

Enhanced Contours: Will be able to illustrate contours in various ways, e.g. gradients