

QUARTERLY PROGRESS REPORT

April 1, 2013 to June 30, 2013

This pooled fund enables FHWA to distribute the most recent version of the Surface Water Modeling System, SMS Version 11.1, to all state DOTs. In this period a total of 41 licenses were distributed to 16 states.

In this period, FHWA adopted the US Bureau of Reclamation (USBR) two-dimensional model, SRH-2D, for analysis of complex transportation hydraulics. The current FHWA two-dimensional model, FST2DH (FESWMS), has been surpassed by the stability and functionality of other models. FHWA entered an interagency agreement with the USBR to add hydraulic structures to the SRH-2D model. In addition, FHWA has contracted with Aquaveo to incorporate a custom SMS interface for SRH-2D. Both efforts are expected to be completed by the end of 2014.