Federal Highway Administration recently hosted a series of 10 webinars on the use of the new AASHTOWare® pavement computational software, Pavement ME Design (formerly DARWin-ME™). This webinar series was presented from December 19, 2012 through March 14, 2013. These 2 hour webinars covered the following topics:

12/19/12  Getting started with ME Design
Recorded Webinar

01/09/13  Climatic Inputs
Recorded Webinar (US)
Recorded Webinar (Metric)

01/23/13  Traffic Inputs
Recorded Webinar (US)
Recorded Webinar (Metric)

01/30/13  Material and Design Inputs for New Pavement Design
Recorded Webinar (US)
Recorded Webinar (Metric)

02/06/13  Material and Design Inputs for Pavmt Rehab with Asphalt Overlays
Recorded Webinar (US)
Recorded Webinar (Metric)

02/13/13  Material and Design Inputs for Pavmt Rehab with Concrete Overlays
Recorded Webinar (US)
Recorded Webinar (Metric)

02/20/13  New Asphalt Pavement Structures
Recorded Webinar (US)
Recorded Webinar (Metric)

02/27/13  Asphalt Overlays of Asphalt Pavmts
Recorded Webinar (US)
Recorded Webinar (Metric)

03/13/13  New Concrete Pavement Structures
Recorded Webinar (US)
Recorded Webinar (Metric)

03/14/13  Unbonded Concrete Overlays
Recorded Webinar (US)
Recorded Webinar (Metric)

Who should attend: The webinars were directed toward the end user of the software, ME Design licensing agencies and anyone who plans to use ME Design.

Pavement ME Design is the next generation of AASHTOWare® pavement computational software. ME Design is a production-ready software tool to support the day-to-day operations of public and private pavement engineers.

This software is a comprehensive pavement design and analysis tool, capable of providing support and insights to highway decision-makers, academia and consultants through the entire pavement structure life cycle, from design through maintenance. This state-of-the-practice approach represents the current advancements in pavement design. This design approach results in smoother, longer-lasting and more cost-effective pavements.

It also provides tools to generate optimized pavement design based on given requirements and provides extensive reports to evaluate and fine-tune the design. The final design is saved in database format so it can subsequently be used for various distress and performance analyses and for other management purposes.

Pavement ME Design reflects a change in the methods and procedures engineers use to design pavement structures. It takes advantage of the advances in material mechanics, axle-load spectra and climate data for predicting pavement performance. ME Design is a quantum leap forward from previous pavement design procedures and facilitates future development in pavement modeling and analysis.

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