PAVER On-line Workshop
26 - 29 Sep 2016

Pavement Management for Airfields, Road and Parking Networks

1) Pavement Management Concepts
   a) Life-cycle Curve
   b) Network-level vs Project-level Management
   c) Pavement Evaluation Process Overview
   d) DoD Pavement Evaluation Programs
   e) Roles and Responsibilities
   f) Pavement Management Goals

2) PAVER Basics
   a) PCI Description
   b) PAVER Description
   c) Database Import
   d) Preferences and Other Conditions
   e) Navigation in PAVER
   f) Overview of Tabs on Toolbars

3) Linear Segmentation and Pavement Inventory Definitions
   a) Definition of Inventory elements
   b) Branch and Section Naming Conventions
   c) Sample Units

4) Updating Inventory
   a) Mandatory Fields
   b) Data Entry
   c) GIS Assignment Tool
   d) Database Export

5) Pavement Work History
   a) Maintenance and Rehabilitation (M&R) Categories
   b) Pavement Work History and Surface Calculation
   c) Updating M&R work in PAVER Database
   d) Last Construction Date (LCD) Calculation

6) Pavement Condition Index, PCI
   a) PCI Inspection Definition and Procedures
   b) Distress Types (ASTM Standards D5340-11 airfields & D6433–11roads)
   c) PCI Inspection Setup and Data Entry
   d) PCI Calculations and Report Products

7) <u>PAVER Inventory and Condition Reporting</u>
   a) Data selection for reporting (Query Tool)
   b) Generation of all basic reports.
   c) Geographical Information System (GIS) reporting

8) <u>Prediction Modeling and Performance Analysis</u>
   a) Introduction to Development of Condition Prediction Models
   b) Prediction Models Assignment to Pavement Sections
   c) Past and Future Condition at The Section Level
   d) Past and Future Condition at The Branch and Network Levels

9) <u>M&R Family Models</u>
   a) Setting up M&R Families
   b) Assigning M&R Families

10) <u>Work Planning</u>
   a) Setting up Work Plans
   b) Work Plan Reports