

# Pavement Express

Additional information can be found in the following topics:

- Pavement Express User Guide
    - Pavement Express Overview for Users
    - Create and Import Data for Pavement Express
    - Create and Update Master Files in Pavement Express
    - Update PMS Analysis Column in Pavement Express
    - Pavement Express Treatment Library
      - PE Selection Priority
      - PE Treatment Cost
      - PE Exclusions
      - PE Condition Improvement
      - PE Other Improvements
    - Pavement Express Decision Trees
      - PE Upper-Level Decision Trees
      - PE Using Decision Trees
    - Pavement Express Performance Models
      - PE Performance Model Setup
      - PE Default Performance Model Structure
        - Add a Node to a Performance Model in PE
        - Delete a Node in a Performance Model in PE
        - Set Decision Parameters for a Performance Model in PE
      - PE Performance Model Expressions
      - PE Performance Model Assignment
        - PE Analyze Model
          - PE Analyze Models Window
          - PE Model Equations and Regression Methods
          - Select a Data Set for Analysis in PE
          - Perform Linear Regression in PE
          - Perform Non-linear Regression in PE
          - Perform Regression with Outliers Set by Standard Deviation Criteria in PE
          - Perform Regression with Outliers Set by User-defined Criteria in PE
          - Use a User-defined Model in PE
          - Assign a New Model to the Node in PE
    - Remaining Service Life (RSL) in PE
  - Other Analysis Parameters for Pavement Express
    - Calculated Expressions in Analysis in PE
    - Budget Category in PE
    - Index Weight in PE
    - Master Work Plan (MWP) in PE
  - Pavement Optimization Analysis in Pavement Express
    - Analysis Types in PE
    - Prepare Strategies for Strategy Analysis in PE
    - Optimization Analysis Window in PE
    - Run Analysis Scenario in PE
    - Example Configuration for PE
  - Analysis Results and Reporting in Pavement Express
  - Troubleshooting Pavement Express Configuration
- Pavement Express Configuration Instructions
  - Pavement Express Overview
    - Data Management in PE
    - PE Optimization Problem
    - Configuring and Using PE
  - Pavement Express Data Configuration
    - PE Roadway Segment Data Configuration
    - PE Pavement Condition Data Configuration
  - Pavement Express Master Files Configuration
    - Configure Network Master in PE
    - Configure Performance Master in PE
  - Additional Resources for Pavement Express
    - PE Analysis Table
    - PE Analysis Engine Execution Steps
    - MPS File in PE
    - PE Analysis Customization
    - PE Solver
  - Data Dictionary - Pavement Express
- Training Guide for Pavement Express
  - Basic Navigation in Pavement Express
  - Pavement Express Review
    - Pavement Express Decision Tree
    - Pavement Express Review Exercises
    - Treatments Library
    - Performance Model Structures
    - Assigning a Performance Model
    - How to Manage Master Work Plan

- Pavement Express Optimization Analysis Window Review
- How to Run Pavement Express Optimization Analysis
- Inventory Map