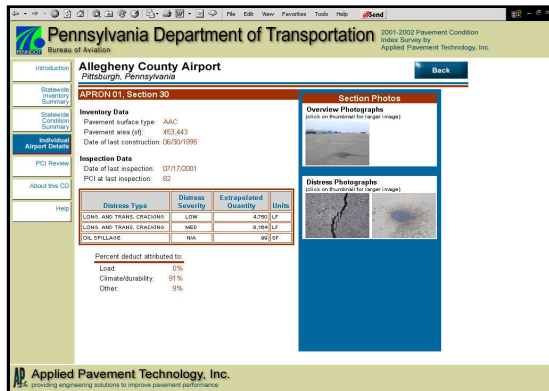


Pennsylvania Statewide Airport Pavement Management System



Recognizing the significance of its pavement infrastructure, the Pennsylvania Bureau of Aviation retained Applied Pavement Technology, Inc. (APTech) to implement a statewide airport pavement management system (APMS) in 2002. The ultimate goal of this project was to provide the airports, the State, and the Federal Aviation Administration (FAA) with the pavement information and analytical tools to help them identify their needs, optimize the selection of projects and treatments over a multi-year period, and evaluate the long-term impacts of their

project priorities. Due to the Agency's satisfaction with APTech's work, our services were retained again in 2005 and in 2008 to reevaluate the pavement conditions and update the pavement management system. The current update will be completed in 2009.

During these projects, APTech inspects the pavements at ninety-seven public-use airports and heliports in Pennsylvania. In addition to assessing current pavement conditions throughout the airport system, APTech develops recommendations, a schedule, and an estimated budget for the maintenance and rehabilitation work for the system. Extensive training on the use of the MicroPAVER software is another key component of the Bureau's pavement management activities. Representatives of the Bureau of Aviation, individual Pennsylvania Department of Transportation staff members, and employees of the FAA are included in the training process.

A very important part of this project, from the Bureau's viewpoint, is the dissemination of the pavement information to the FAA, the Legislature, the individual airports, and airport consultants. The Bureau does not want to rely only on traditional paper reports to communicate this information. APTech's multimedia presentation tool that allows the Bureau to convey pavement-related information to people with and without technical backgrounds is a CD (which can be placed on the Bureau's website) that presents instant access to the most commonly requested pavement management information – such as pavement condition index data, distress photographs, and maintenance and rehabilitation options – without requiring the user to obtain and operate the pavement management system.