Recent Project Highlights

1. WASHINGTON STATEWIDE APMS
   - PCI inspections
   - PAVER database update
   - Development of maintenance and rehabilitation (M&R) plan
   - Public outreach
   - IDEA update

2. LOS ANGELES WORLD AIRPORTS (LAX)
   - PCI inspections
   - Distress mapping
   - PAVER database update
   - FWD testing
   - Development of multi-year M&R plan
   - Pavement management, PCI, and PAVER training
   - Runway pavement design

3. PHOENIX SKY HARBOR
   - PCI inspections
   - PAVER database update
   - FWD testing
   - PCN determination
   - Development of multi-year M&R plan
   - IDEA development
   - Groove assessment

4. DETROIT WAYNE COUNTY METROPOLITAN AIRPORT
   - PCI inspections
   - PAVER database update
   - FWD testing
   - Development of multi-year M&R plan
   - IDEA update
   - Taxiway and apron pavement design

5. PORT AUTHORITY OF NEW YORK AND NEW JERSEY
   - JFK, Newark, LaGuardia, Stewart, and Teterboro airports
   - PCI inspections
   - Distress mapping
   - PAVER database update
   - Automated data collection services
   - Smoothness and skid testing
   - Development of multi-year M&R plan
   - Forensic investigations

6. LOUISIANA STATEWIDE APMS
   - PCI inspections
   - PAVER database update
   - FWD testing
   - PCN determination
   - Development of multi-year M&R plan
   - IDEA development
   - Groove assessment

About Us
Since 1994, Applied Pavement Technology, Inc. has provided clients with the expertise to develop practical and innovative solutions for the design, maintenance, preservation, and rehabilitation of airport and roadway pavements.

Service Areas
- State Aviation Agencies
- Commercial Airports
- Department of Defense
- National Transportation Agencies
- State Transportation Agencies
- Local Municipalities
- Private Agencies

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Our Approach to Pavement Management

A Pavement Management Program (PMP) provides decision-makers with the information and tools needed to effectively manage their vital pavement infrastructure.

Here’s how it works.

1 INVENTORY & NETWORK DEFINITION
We inventory your pavement infrastructure and break it down into sections by use, condition, construction history, and other factors.

2 PAVEMENT EVALUATION
Pavement conditions are assessed using the visual and structural methods described in the evaluation and design section to the left.

3 DATABASE CUSTOMIZATION & GIS INTEGRATION
Our experienced staff create a PAVER pavement management database and customize it to meet your agency’s specific needs. GIS links are established during this phase.

4 ANALYSIS & RECOMMENDATIONS
We calculate inventory and condition statistics, estimate remaining life, identify short- and long-term pavement needs, and develop M&R strategies to address these needs.

5 DELIVERABLES
Our deliverables typically include reports, executive summaries, web-based applications, GIS integration, maps, and more.

6 TRAINING
Training is a frequent part of our PMP projects, including courses on the PCI procedure, PAVER software, and M&R techniques.

Use IDEA to visually communicate your airport’s:
- Inventory data
- PCI inspection results
- Work history summaries
- Georeferenced photos of pavement conditions
- Network-wide maps illustrating:
  - Overviews
  - PCI conditions by pavement sections
  - Surface types
- Multi-year pavement condition forecasts
- Maintenance guidelines and recommendations