



Presentation Overview

- Purpose
- Background
- Program Structure
- Project Status
- Future Projects
- Questions

AAPTTP Purpose

Deliver applied research on asphalt airfield pavements that provides high quality, cost-effective asphalt pavements.

Applied Research



Background

- FAA Initiated Funding in July 2004
- Contractor is Auburn University
- WEB Site:

www.AAPTTP.us

Program Structure

- Program Coordinating Group (PCG)
 - 14 Members –
 - Meet approx every six months
 - Provides overall direction to program
 - Identifies the projects
 - Set project funding level

SEAUPG 2005 CONFERENCE - NASHVILLE, TN

Program Structure

- Project Development Panel
 - Project Director
 - FAA Representative
 - Airport Consultant Council Representative
 - DOD Representative
 - Two subject area experts
- Project Research Contractor

Process

- Develop problem statements
- Establish project technical panels
- Develop request for proposals (RFP)
- Evaluate proposal and select contractor
- Issue subcontract - Auburn University Grants and Contract Office
- Technical panel monitors subcontract
- Subcontractor delivers product

Awarded FY-04 Projects

- Development of Guidelines for Rubblization (04-01) – **Asphalt Institute**
- Adjusting PG Binder Grade Selection Procedures (04-02) - **AAT**
- Guidance on the Use of Superpave Mix Design Procedures for Airfield Pavements (04-03) – **Burns Cooley Dennis**

FY-04 Projects (Cont.)

- Request for Proposals (RFP) – Closed 12-2-05**
- Evaluation of SMA for Airfields (04-04)
- Longitudinal Joint Construction (04-05)
- To be Advertised:**
- Improved PFC/OGFC (04-06)

FY-05 Projects

- HMA Airfield Best Practice Manual (05-01)
- Airfield Fuel Resistant Sealers and Binders (05-02)
- Effects of De-icing Chemicals on HMA Pavements (05-03)
- Techniques for Mitigating Reflective Cracking (05-04)

FY-05 Projects (cont.)

- Evaluate Need and Develop Plan for National Certification of Airport HMA Technicians (05-05)
- Use of RAP in Airfield HMA Mixes (05-06)
- Review and Evaluation of P-401 Specification (05-07)

