Outline: HMA Inspector Training Webinar Series; Session 1 - Inspector Responsibilities

Date: March 17, 2011; 1:00 – 2:30pm EST

Instructor: Danny Gierhart, P.E., Asphalt Institute Regional Engineer

Inspector Responsibilities -

- **Representing the Owner’s Interests**
  - Specifications, Contract
  - Plans
  - Policies, Procedures
  - Best Practices

- **Inspector Preparations**
  - Reviewing Plans and Contract Documents
  - Checking Quantities
  - Reviewing the Appropriate Specifications
  - Reviewing Materials Sampling and Testing Requirements
  - The Inspector’s Equipment Checklist
  - Reviewing Safety Precautions

- **Keeping a Daily Construction Diary**
  - Why a construction diary?
  - What goes in it?

- **Monitoring ambient air, mix, and mat temperatures**
  - Why each are important
  - Temperature Limits

- **Tracking Tonnage with Truck Tickets**
  - Uses of truck tickets
  - Important information to check on each ticket

- **Calculating Yield**
  - Different reasons to track yield
  - Easy method to track yield

- **Monitoring Compaction**
  - Stratified Random Selection of Core/Gauge locations
  - Thin Lift Nuclear Gauge
  - Electromagnetic Gauge

- **Observing materials and workmanship**
  - Common problems that can be visually identified