



Pavement Engineering

Atlantic Testing Laboratories (ATL) can be of assistance in providing a quality product. We continue to serve a wide array of commercial, industrial, institutional, and governmental entities throughout New York and New England, using the latest available technology, equipment, and computer information systems.

Field and Plant Services

- ◆ Surface Smoothness Testing
- ◆ Hot Mixed Asphalt Plant Inspection
- ◆ Pavement Core Sampling
- ◆ Laydown Inspection
- ◆ Construction Inspection
- ◆ Nuclear Density Testing

Pavement Consulting Services

- ◆ Pavement Design
- ◆ Pavement Investigation
- ◆ Pavement Management
- ◆ Mix Designs



Surface Smoothness Testing

Infrared laser sensors, precision accelerometers, and a distance-measuring unit delivers real-time test results as a quality control check and to determine if surface smoothness meets project requirements.

The **High-Speed Profilometer** delivers real-time results, while minimizing or eliminating the need for maintenance and protection of traffic.

The **Lightweight Profilometer** is designed for smoothness control on new or overlay pavements. It is used to profile new road surfaces within hours after paving, so that paving contractors can save money by taking corrective action to meet smoothness specifications before the surface is fully hardened or "set".

Laboratory Services

ASPHALT CEMENT

- ◆ Penetration
- ◆ Absolute Viscosity
- ◆ Kinematic Viscosity
- ◆ Specific Gravity
- ◆ Thin Film Oven
- ◆ Ductility

BITUMINOUS MIXTURES

- ◆ Mix Design & Verification
- ◆ Marshall Testing
- ◆ Air Void Analysis
- ◆ Absorption Recovery
- ◆ Extraction & Gradation
- ◆ Effect of Moisture
- ◆ Brookfield Viscosity

ASPHALT EMULSION

- ◆ Distillation
- ◆ Dimulsibilities
- ◆ Float Test
- ◆ Particle Charge
- ◆ Penetration
- ◆ Classification
- ◆ Sieve Analysis
- ◆ Coating Test

AGGREGATES

- ◆ Coarse Aggregate Angularity
- ◆ Fine Aggregate Angularity
- ◆ Flat & Elongated Particles
- ◆ Clay Content
- ◆ Percent Non-Carbonate Particles
- ◆ Toughness
- ◆ Soundness
- ◆ Deleterious Materials
- ◆ Gradation

For more information, contact:

Albany

518-383-9144

Elmira

607-737-0700

Rochester

585-427-9020

Watertown

315-786-7887

Binghamton

607-773-1812

Plattsburgh

518-563-5878

Syracuse

315-699-5281

Canton

315-386-4578

Poughkeepsie

845-691-6098

Utica

315-735-3309

Towanda, PA

607-737-0700

Web: www.AtlanticTesting.com
E-Mail: info@AtlanticTesting.com

Think Quality