

Blue Mountain & Kittatinny In-Depth Tunnel Inspection



- **Owner:**
Pennsylvania Turnpike Commission
- **Services:**
In-depth Inspection
- **Year Completed:**
Inspection: 2016
- **Contract Amount:**
\$987,747

Pennsylvania Turnpike Commission, PA

Stahl Sheaffer was selected as the prime consultant for the in-depth, non-destructive and visual testing and inspection of the Blue Mountain and Kittatinny Mountain Tunnels along the Pennsylvania Turnpike mainline. Duties included predictive and preventive maintenance testing of electrical equipment. Evaluation Included the following components:

- Tunnel Tube Structural Components
- Drainage
- Air Plenum
- Portal Building Façade
- Portal Building Roof
- Portal Building Housekeeping and Finishes
- Portal Building MEP
- Tunnel Mechanical Systems
- Tunnel Electrical, Power, & Backup Power Systems
- Tunnel Plumbing
- Communication System
- Fire Suppression System
- Roadway Features
- Lighting

