

Contact Phoenix NV:

Office Address:

5216 Chairmans Court, Suite 107
Frederick, Maryland 21703
Phone: 301-846-4227 Fax: 301-846-4355

Email: info@phoenixnv.com

Website: www.phoenixnv.com

Areas of Concentration:

Acoustics

- Theatre/Auditorium Design
- Board Rooms

Transportation

- Traffic & Railway Noise Modeling
- Airport Noise Modeling
- Mitigation

Testing & Measurement

- Field STC & IIC
- Transportation Analysis
- Sound & Vibration Testing

Construction Noise Management

- 24/7 Noise & Vibration Monitoring
- Web-based reports & records

Environmental Noise

- Impact Assessment
- CadnaA Modeling

Multifamily Buildings

- STC and IIC Specification
- HVAC Noise & Plumbing Noise

Mechanical

- Emergency Generators
- HVAC Units
- Chillers, AHUs

Vibration

- Measurements
- Structural Modeling

Research/ Medical Facilities

- Mechanical Vibration
- Traffic Vibration
- Footfall Vibration

Licensed Professional Engineers in VA and MD

Member:

Acoustical Society of America (ASA)
Institute of Noise Control Engineers (INCE)
National Council of Acoustical Consultants (NCAC)
National Society of Professional Engineers (NSPE)
U.S. Green Building Council (USGBC)



Working to develop better acoustical environments in living and work spaces by providing services to Architects, Engineers, Land Developers, and Zoning Attorneys

Room Acoustics—Whether auditoria, board rooms, or recording studios, Phoenix Noise & Vibration (PNV) provides design services to optimize the acoustical characteristics of the intended space.

Transportation—PNV designs noise control systems for transportation sources including highways, railways, and airports. We maintain the latest noise propagation software and have developed in-house software for design of building shells for outdoor-to-indoor noise reduction.

Mechanical—PNV analyzes and designs systems for both interior and exterior noise and vibration control, including office and multi-family buildings.

Multifamily Buildings—We provide consultation in the construction of multifamily structures to minimize the transmission of noise and vibration from unit to unit. We specialize in STC and IIC designs to meet IBC regulations and provide solutions for problematic plumbing and HVAC noise.

Research Facilities—PNV works with architects and structural engineers to design multi-story research facilities and hospitals with low vibration levels. We offer vibration screening of existing rooms planned for housing sensitive instrumentation such as electron and surgical microscopes.

Testing & Measurement—We offer on-site acoustical and vibration measurement services according to ANSI, ASTM, IBC, and ISO standards.

Construction Noise Management—PNV provides 24/7 noise & vibration monitoring to track sound levels on your construction sites. Our equipment alerts responsible team members immediately by email or text when noise or vibration exceed set limits. Web-based software also creates highly accurate records accessible at any time online or delivered automatically on a set schedule.

