

Contact Phoenix NV:

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Areas of Concentration:

Transportation

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

Testing & Measurement

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

Environmental Noise

- Impact Assessment
- CadnaA Modeling

Acoustics

- Theatre/Auditorium Design
- Board Rooms

Multifamily Buildings

- STC and IIC Specification
- HVAC Noise & Plumbing Noise

Mechanical

- Emergency Generator
- 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:

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



Working to eliminate noise and vibration in living and work spaces by providing services to Architects, Engineers, Land Developers, and Zoning Attorneys

Transportation—Phoenix NV designs noise control systems for transportation sources including highways, railways, and airports. We maintain the latest software version of FHWA's Traffic Noise Model (TNM). Phoenix NV has 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-Family 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 BOCA and IBC regulations as well as plumbing and HVAC noise control.

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 sound and vibration measurement services according to ANSI, ASTM, BOCA, IBC, and ISO standards.

Computer Aided Design—Using AutoCAD LT, we are able to receive, produce, and transmit drawings, plans, and details digitally.

CadnaA—Computer modeling—CadnaA accurately calculates environmental noise impact.

