

# COMMUNITIES

[www.ArgosyAcoustics.com](http://www.ArgosyAcoustics.com)



- Noise in our Communities has been growing steadily for many years due to the communicative effects of the many sources in our everyday lives.
- Background noise keeps building for many reasons, street noise, trains, trucks, airplanes, power plants, construction, electrical generation, sewage plants, shipyards, concrete and asphalt plants all add to the total noise.
- Noise walls mounted around with Veil Panels mounted at the top of enclosures are but one means of reducing the ever increasing noise pollution of our everyday lives. We have also designed a soft mount to stop sound shorts through posts.
- Diffraction to block sound above these existing or new barriers is a way to help control noise.
- We discovered that the Veil Panel in a double row at the roadside would help mitigate tire/pavement noise; that nasty hiss the tires make going over the roadbed.
- Some Departments of Transportation also asked if the Veil can also be developed as an acoustic guardrail behind existing guardrails to mitigate the issues of crash testing and breakaway mountings. The answer was Yes!
- The additional "virtual height" created by the Veil is also additional "virtual width" so we have designed Acoustic screens using the Veil to increase sound blocking area of screens. Veil technology crosses over into products for construction site noise mitigation.
- Local construction, maintenance and even street maintenance creates noise in the community. Argosy Acoustics has developed ways on reducing that noise by several means from walls to portable units.
- Ask us about leasing of our panels, or movable systems and how the location is a huge part of the noise problem.
- A local noise source all by itself may be within allowable limits, but after the noise bounces around and adds itself to other sounds, then bounces of the hard surfaces, then up the side of structures it just gets worse.
- Many communities felt all one needed to do was add a wall next to the freeway and the noise was blocked. As time went by it got noisier behind the walls as noise climbed over the walls and then bounced around behind them and with new building and structures, it grew even worse.



- ROADSIDE NOISE BARRIERS.**
- EXISTING NOISE WALL WORK**
- TIRE PAVEMENT NOISE**
- TRUCK ENGINE AND TRANSMISSION NOISE**
- REFRACTION FORM SOLID OBJECTS**
- REFLECTION FROM CONCRETE WALLS**
- AIRCRAFT NOISE IN COMMUNIES AND SCHOOLS**
- NOISE FROM CONSTRUCTION**
- REVERBERATION BETWEEN WALLS AND STRUCTURES**
- NOISE FROM NEEDED SYSTEMS, ELECTRICAL TRANSFORMERS, PUMP STATIONS, BUSINESS FACILITIES IN GENERAL**

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