



Highways and related noise problems

1. As our nation grows, noise from new streets and highways is eroding both our life styles and property values. Thousands of miles of concrete barriers have been installed. Neighborhoods grow higher and deeper, the old barriers can't do the job anymore.



2. Federal funds are available for fixing problems unfortunately, the old barriers often must be removed and replaced to create the extra protection, and this is expensive.

3. Veil Panels mounted on top, are designed to use diffraction to block sound . The Veil Barrier Assist was developed especially for the reduction in cost of improving the performance of existing barriers tremendously.

4. 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. This configuration will also be effective for open acoustic railings on bridges where wind pressure is a problem. The Veil Array (double row) would allow wind to blow through and not cause wind problems.

5. Some DOT's asked if the Veil can also be developed as an acoustic barrier behind a guardrail. 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 So Veil technology crosses over into products for construction site noise mitigation systems.



- ROADSIDE NOISE BARRIERS.
- EXISTING NOISE WALL WORK
- TIRE PAVEMENT NOISE
- TRUCK ENGINE AND TRANSMISSION NOISE
- TRAILER METAL TO METAL NOISES
- REFRACTION FORM SOLID OBJECTS
- REFLECTION FROM CONCRETE WALLS
- NOISE INTO COMMUNITY
- NOISE FROM CONSTRUCTION
- REFLECTIVE NOISE FROM INTERCHANGES AND RAMPS
- VIADUCTS AND HOTEL NOISE
- REVERBERATION BETWEEN WALLS AND STRUCTURES

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