



## ASA, Upper Midwest Chapter

### MEETING ANNOUNCEMENT

<b>Date:</b>	Tuesday, January 15, 2007
<b>Time:</b>	Social at 5:30, Dinner at 6:30, Program at 7:30
<b>Dinner:</b>	Caesar Salad, Chicken Roulade, Chocolate Mousse
<b>Meal Cost:</b>	\$25 (\$12.50 for full-time students)
<b>Program:</b>	Tim Casey will present "Assessing Noise from Intermodal Facilities"
<b>Location:</b>	3 <sup>rd</sup> floor Holiday Inn Metrodome, 1500 Washington Av. S. Minneapolis

**Reservations to Dave Braslau by Monday, January 14 ([david@braslau.com](mailto:david@braslau.com) or 612-331-4571)**

### Assessing Noise from Intermodal Facilities

American consumption of foreign goods and materials continues to increase each year, creating congestion at international ports on the West Coast and a corresponding increase in demand for intermodal transport of these goods and materials. The freight railroad industry is growing and expanding to meet these increasing demands. However, siting new or expanding existing intermodal yards typically requires a lengthy approvals process. Potential conflicts arise when noise-sensitive land uses exist in close proximity to the proposed project site. Options to assess noise from proposed intermodal or auto transloading facilities include spreadsheet-based models and commercially-available acoustical modeling software. This presentation provides an overview of those two methods, briefly discussing the pros and cons.

Tim Casey is a senior environmental scientist with HDR Engineering, Inc. He founded HDR's Environmental Acoustics Program approximately ten years ago. Tim began his career in environmental acoustics by learning and applying FHWA models and monitoring methods. Tim researched train noise assessment methods at Northwestern University, and wrote his own train noise model in 1990. In 1996, Tim participated in the assessment of train noise associated with the Conrail Acquisition – in which train noise on 44,000 miles of track in 24 states east of the Mississippi River was analyzed. Tim also lead the nation's first highway traffic noise analysis in which engine compression brake noise was evaluated with an FHWA-approved model (as a user-defined vehicle in MINNOISE). In almost 20 years with HDR, Tim has performed noise and vibration monitoring and modeling, and provided expert witness testimony for projects throughout the nation.

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