Center for Environmental Excellence by AASHTO
One Stop Source of Environmental Information for Transportation Professionals

Traffic Noise Practitioners Summit
October 21-22, 2015 ● Hotel Monaco ● Baltimore, Maryland

Session 12
Enhancing and Improving Technology Transfer, Training and Recruiting

▶ Facilitator: Danielle Shellenberger, Pennsylvania DOT

▶ Participants:

   ▶ Danielle Shellenberger, Pennsylvania DOT

   ▶ Carole Newvine, Oregon DOT

   ▶ Discussant: Jay Waldschmidt, Wisconsin DOT

AASHTO Highway Traffic Noise Work Group

- AASHTO Standing Committee on the Environment (SCOE)
  - Subcommittee on Environmental Process
    - Highway Traffic Noise Work Group

- Purpose – Provide a forum to address noise issues and exchange information with member states

- 26 Member states

pennsylvania
DEPARTMENT OF TRANSPORTATION

Noise Work Group Activities

- Peer Exchange

- Process Improvements

- Research Topics

- Regulation Review

- Other? Technology Transfer Ideas?

pennsylvania
DEPARTMENT OF TRANSPORTATION

AASHTO Noise Work Group Contact

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Add your name to the Sign Up Sheet

pennsylvania
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Oregon Experience in Recruiting

- Difficulty hiring qualified staff
- Need potential candidates to have transportation air and noise experience
- Difficult to sell state employment to consultants
- Small pool of local qualified individuals
- Hire for air quality <u>or</u> noise; train for the other
- Solutions? College Graduates?

OR DOT Transportation Noise Specialist Minimum Qualifications
(from last recruitment, summer 2015)

CEE Noise Summit

October 21-22, 2015

Minimum Qualifications:

A Bachelor's degree in Environmental Science, Civil Engineering, Surveying or Transportation-related Engineering and two years of environmental science, civil, or transportation-related engineering or surveying experience;

OR

Five years of environmental science, civil, or transportation-related engineering or surveying experience. One year of this experience must have been independently planning and completing assignments;

OR

An equivalent combination of education and experience.

Note: Preference may be given to those applicants that possess knowledge, training, and/or experience with EPA and DEQ regulations, laws, and requirements in the area of Air Quality and Noise. Preference may be given to those applicants who have Modeling experience in the following areas: Air quality, GIS, 3-D, noise, and/or predictive environmental modeling.

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Session 12 - Questions

► Framework for tech transfer: What is out there? How do I access it? How do I learn more about it? How do we keep info up to date?

► Quarterly transportation noise-related webinars (Alcala, OH , and Helm, MT)

► Possible NHI or other webinars on NCHRP 791, *Supplemental guidance on the use of TNM* – implementing the research findings or needing further research

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Session 12 - Questions

▶ Newvine, OR: Dissemination and implementation/application of completed research

▶ Summary of published transportation noise research applicable to impact/abatement analyses; modeling; public involvement, tire/pavement noise

▶ Helm, MT: Who oversees the effort of Tech Transfer, or do responsibilities fall on the researcher/training originator?

Session 12 - Questions

▶ Runkle, IL: Need training in-state due to out-of-state travel restrictions.

▶ Jordahl-Larson, MN: Recommend that updates to the FHWA website be shared via the Division Offices, who would then share with the DOTs. (Recent example was the update to the FAQs that we were not made aware of.)