



U.S. Department
of Transportation
**Federal Transit
Administration**

REGION X
Alaska, Idaho, Oregon,
Washington

915 Second Avenue
Federal Bldg. Suite 3142
Seattle, WA 98174-1002
206-220-7954
206-220-7959 (fax)

REGION 10 BULLETIN NO: 2011-44

Subject: NTI Transit Noise and Vibration Impact Assessment Course

Program Area: Training

Date: September 9, 2011

The National Transit Institute (NTI) is presenting a FREE course (\$850 for consultants and contractors) entitled “**Transit Noise and Vibration Impact Assessment**” at the Lloyd Center Tower in Portland, Oregon on December 6-8, 2011.

The goal of the course is to present the Federal Transit Administration’s (FTA) procedures and methods for predicting and assessing noise and vibration impacts from proposed mass transit projects. The training modules in this three-day course closely follow the procedures contained in FTA's recently updated guidance on the subject (Transit Noise and Vibration Impact Assessment, May 2006).

The course gives an overview of the environmental review process and how noise and vibration assessment fits into FTA's planning and project development processes. Fundamentals of noise and vibration are discussed along with the specific metrics and impact criteria that are used in noise and vibration assessments. Different levels of analysis for noise and vibration are presented, along with considerations in choosing the appropriate level of analysis depending on the type of project and the stage of project development. The emphasis is on predicting impacts from operation of new transit systems; however, construction impacts are also covered.

The course covers all the typical transit modes as well as multi-modal highway/transit projects. Various measures to mitigate excessive levels of transit noise and vibration are also discussed. A number of class exercises and case studies are brought in to reinforce the concepts, procedures, and practices introduced in the course. Ample time is allocated toward the end of the session to discuss attendee’s questions and issues related to specific projects.

Participants are strongly encouraged to bring their own laptops to the course to fully participate in class exercises.

This course is aimed at practitioners who conduct noise and vibration analyses as well as those who prepare and review environmental impact assessments for transit projects. Managers overseeing the environmental review process for a major project may also benefit from this course.

Bulletin – NTI Transit Noise and Vibration Impact Assessment Course

If you are interested in attending, please follow this link
<http://www.ntionline.com/courses/courseinfo.php?id=73> and register on line.

All training is held in accessible facilities. Please advise NTI a minimum of three weeks in advance if you require any special arrangements or materials. NTI reserves the right to limit participation from any one agency.

For further information, please contact FTA Region 10's Dan Drais at 206-220-4465, or email daniel.drais@dot.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "R.F. Krochalis". The signature is fluid and cursive, with a large initial "R" and "K".

R.F. Krochalis
Regional Administrator