

Fact Sheet

TNM 3.2



U.S. Department of Transportation
Federal Highway Administration

FHWA-HEP-24-011

Continuing Improvements Based on User Feedback

The Federal Highway Administration's (FHWA) Traffic Noise Model (TNM) is a software application for modeling highway traffic noise. TNM 3.2 is the latest version of this software and an important update to the previous version (TNM 3.1). TNM 3.2 integrates the TNM 3.1 software structure with the Roadway Construction Noise Model (RCNM) version 2.0, resulting in a single, streamlined tool. The goal of TNM 3.2 is to provide analysts the opportunity to combine roadway and construction noise analyses within one file.



New Features:



Added ability to **model default and user-defined construction noise sources** including point sources, directivity, and sources active for different durations.



Added ability to **filter and sort all data tables** and **export barrier design tables**.



Increased maximum zoom resolution for finer object editing.



Implemented **robust input checks** with **precise error messages** for disallowed data. Input check **messages persist for reference** when addressing issues.

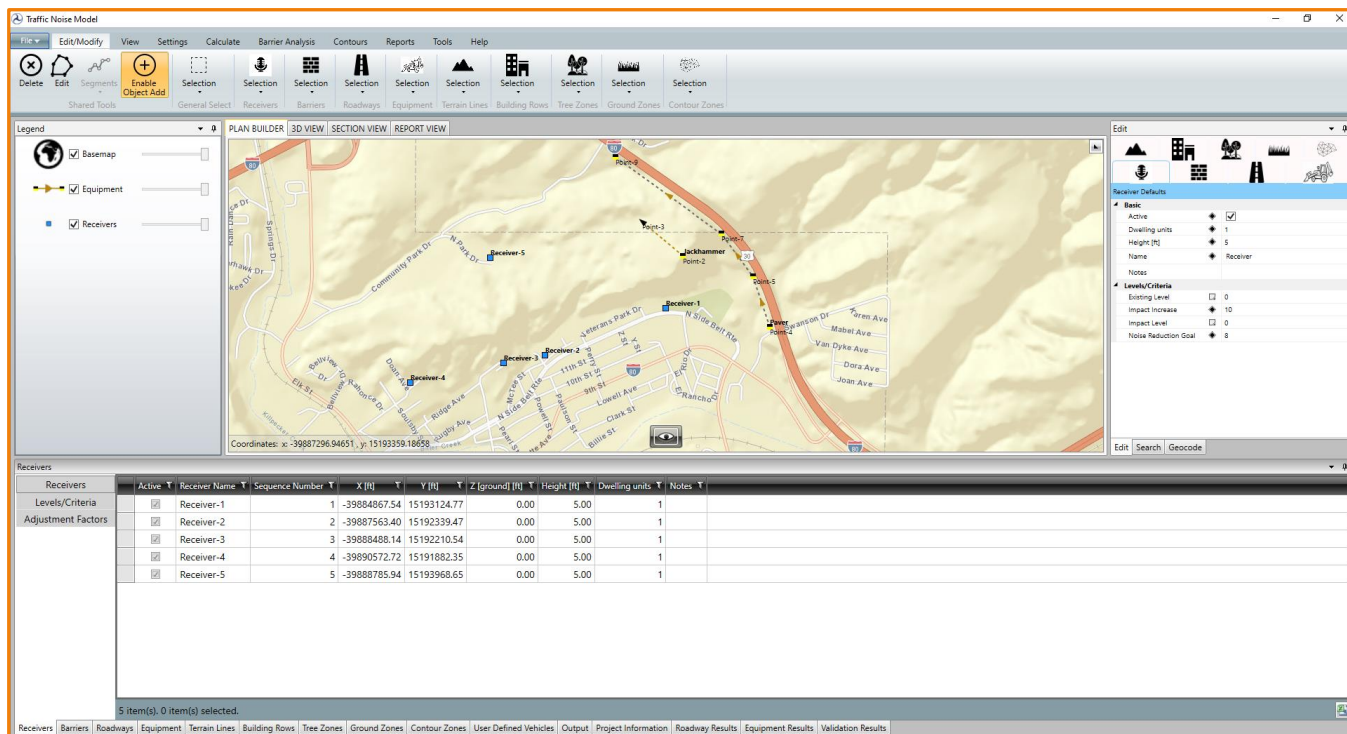


Fixed several bugs including a crash report when dividing object segments.



Updated documentation and training, including Technical Manual, Getting Started Guide, User's Guide/Help Menu, FAQs, and XML schema. The instructor-led course and YouTube video playlist **videos** will also be updated.

TNM 3.2 expanded the graphical user interface:



Training and Technical Assistance

<https://www.fhwa.dot.gov/environment/noise/training/>

National Highway Institute Course - TNM Module:

- [142090 An Introduction to the Traffic Noise Model \(TNM\) 3.0](#)

Short-format Videos:

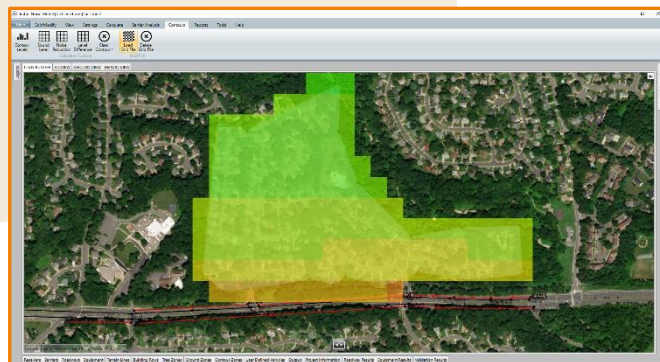
- https://www.youtube.com/playlist?list=PL5_sm9g9d4T3naH9knm5E6SZUpml_QD3y

Instructor-led Training:

- Contact the [FHWA Resource Center](#)

Technical Assistance

- TNMHelp@dot.gov



More Information

https://www.fhwa.dot.gov/environment/noise/traffic_noise_model/tnm_v32/