

## Air & Noise

# Mobile Source Air Toxics Analysis

Updated Interim Guidance on Mobile Source Air Toxic (MSAT) Analysis in National Environmental Policy Act (NEPA) Documents - Federal Highway Administration January 2023

FHWA developed tiered approach with three categories for analyzing MSAT in NEPA documents:

### Category 1

Projects qualifying as a categorical exclusion under 23 CFR 771.117; Projects exempt under the Clean Air Act conformity rule under 40 CFR 93.126; and Other projects with no meaningful impacts on traffic volumes or vehicle mix.

Project with No Meaningful Potential MSAT Effects, or Exempt

Select and Edit Template Language in Report

### Category 2

Projects where design year traffic is projected to be less than 140,000 to 150,000 annual average daily traffic (AADT).

Project with Low Meaningful Potential MSAT

- Select and Edit Template Language in Report
- Complete Vehicle Miles Traveled (VMT) Table

### Category 3

Projects that create or significantly alter a major intermodal freight facility that has the potential to concentrate high levels of diesel particulate matter in a single location; or Projects that create new capacity or add significant capacity to urban highways where design year traffic is projected to be greater than 140,000 to 150,000 AADT; and located in proximity to populated areas.

Projects with Higher Potential MSAT

- Quantitative Analysis and Modeling Required
- Consult OES/FHWA and GA EPD before proceeding
- Will require fleet, meteorological, etc. inputs for MOVES

### Information Needed to Complete VMT Table

- ✓ Project Length
- ✓ ADT, or AADT for Existing and Design Year Build and No Build Alternatives

### What to Submit to OES for Review

- ✓ Traffic Diagrams for Categories 2 and 3