Transportation Conformity

Lowest Costs Ways to Meet Federal Air Quality Requirements So Roads Can be Built

House Transportation Planning Subcommittee

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North Central Texas Council of Governments
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SIGNIFICANCE OF TRANSPORTATION CONFORMITY

Billions of dollars in funding for a safe, efficient, and reliable multimodal transportation system...

...is based on a successful transportation conformity determination in nonattainment areas...

...which relies on local and State emission reduction solutions.
SUCCESSFUL TRANSPORTATION

Priorities

Conformity is essential in nonattainment areas
Dallas-Fort Worth, Houston
El Paso, San Antonio (Future)

Metropolitan Transportation Plan approval relies on successful USDOT conformity determination
TRANSPORTATION CONFORMITY

DFW Region NO\textsubscript{X} Scenario

Emission limits (Motor Vehicle Emission Budgets) for conformity are predetermined, utilizing outdated assumptions.
ACCELERATE FLEET TURNOVER
Age Distribution of Registered Heavy-Duty Vehicles

67% of Heavy-Duty Vehicles Pre-Date Current Engine Emissions Standards

35% are 2004 or Older, with NO\textsubscript{x} Emissions Rates 20x higher than new engines
Vehicle Miles of Travel and NO\textsubscript{X}

Heavy-Duty vs. Light-Duty Vehicles

Approximately 8% of heavy-duty vehicles account for 55% of emissions

VMT = Vehicle Miles Traveled
Diesel projects are most cost effective in reducing emissions
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Additional information on Dallas-Fort Worth Transportation Conformity: http://www.nctcog.org/trans/air/conformity/