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## Area Plan Commission of Tippecanoe County, Indiana

December 9, 2022

Mr. Louis Feagans, Statewide Technical Services Director  
Mr. Roy Nunnally, Director Long Range Planning, Modeling and Traffic Statistics  
Indiana Department of Transportation  
100 Senate Street N755  
Indianapolis, IN 46204

RE: On-Road Mobile Source Emission and Reliability Performance Measures

Dear Gentlemen,

Although the Lafayette MPO is an attainment area and this performance measure does not apply, the Area Plan Commission of Tippecanoe County (APCTC) has elected to plan and program projects so that they contribute towards the accomplishment of the Indiana Department of Transportation's 2024 and 2026 statewide on-road mobile source emissions and reliability targets for the performance measures listed below.

- 1) CMAQ project reduction volatile organic compounds (VOC)
- 2) CMAQ project reduction carbon monoxide (CO)
- 3) CMAQ project reduction oxides of nitrogen (NOx)
- 4) CMAQ project reduction particulate matter less than 10 microns (PM10)
- 5) CMAQ project reduction particulate matter less than 2.5 microns (PM2.5)
- 6) Interstate Percentage of Person-Miles Reliable
- 7) Non-Interstate Percentage of Person-Miles Reliable
- 8) Truck Travel Time Reliability Index

The APCTC agrees to support the 2024 and 2026 statewide on-road mobile source emissions and reliability targets established by the Indiana Department of Transportation that will be reported to the Federal Highway Administration. The 2024 and 2026 statewide on-road mobile source emissions and reliability targets based on a certified Transportation Asset Management Plan are:

2024 Volatile organic compounds reduction of 590 kilograms per day  
2024 Carbon Monoxide reduction of 330 kilograms per day  
2024 Oxides of nitrogen reduction of 690 kilograms per day  
2024 Particulate matter less than 10 microns reduction of 0.02 kilograms per day  
2024 Particulate matter less than 2.5 microns reduction of 3.0 kilograms per day  
2024 Interstate Percentage of Person-Miles Reliable of 93.0%  
2024 Non-Interstate Percentage of Person-Miles Reliable of 93.0%  
2024 Truck Travel Time Reliability Index of 1.32  
2026 Volatile organic compounds reduction of 600 kilograms per day  
2026 Carbon Monoxide reduction of 520 kilograms per day  
2026 Oxides of nitrogen reduction of 725 kilograms per day  
2026 Particulate matter less than 10 microns reduction of 0.03 kilograms per day  
2026 Particulate matter less than 2.5 microns reduction of 4 kilograms per day  
2026 Interstate Percentage of Person-Miles Reliable of 93.5%

2026 Non-Interstate Percentage of Person-Miles Reliable of 93.5%  
2026 Truck Travel Time Reliability Index of 1.30

Because the MPO is an attainment area, APCTC will support the statewide targets and we will continue our efforts to maintain our attainment status by programming intersection improvements, roundabouts, sidewalks, trails and other projects in the Metropolitan Transportation Plan and the Transportation Improvement Program that serve to reduce statewide on-road mobile source emissions and increase reliability. The MPO Policy Board approved this action at its regularly scheduled meeting on December 8, 2022. The approved minutes of that meeting will be available upon request and on our website.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Hittle", with a horizontal line extending to the right from the end of the name.

David Hittle, Executive Director  
Area Plan Commission of Tippecanoe County