



# Chicago Metropolitan Agency for Planning

## Agenda Item No. 5.2

233 South Wacker Drive  
Suite 800  
Chicago, Illinois 60606

312 454 0400  
www.cmap.illinois.gov

## MEMORANDUM

**To:** CMAP Transportation Committee

**From:** CMAP Staff

**Date:** April 21, 2017

**Re:** GO TO 2040/TIP Conformity Analysis & TIP Amendment

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At the request of the Illinois Department of Transportation, CMAP has prepared a conformity analysis for public comment and consideration by the CMAP Board and MPO Policy Committee in June.

The sole project in the amendment is:

TIP ID **04-00-0023**: I-290 Eisenhower Expy from US 12/45/20 Mannheim Rd to Austin Ave (I-290 Eisenhower Express Toll Lanes) (I-290 Multimodal Corridor).

The project is being amended to reflect the preferred alternative – high occupancy toll lanes (HOT 3+) in the draft Environmental Impact Statement. Additionally, work types have been added to more accurately reflect the project, and funding past phase 1 engineering has been added.

The regional travel demand model was run using the updated networks. The resultant vehicle miles traveled by vehicle class, speed, time of day, and facility type were entered into the US Environmental Protection Agency's MOVES model. The model generated on-road emission estimates for each precursor or direct pollutant in each analysis year.

For ozone precursors volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>), the resulting emissions inventories estimates fell below the applicable budgets for the ozone maintenance State Implementation Plan (SIP).

## VOC and NOx Emissions in Tons per Summer Day for Ozone Conformity

Year	Volatile Organic Compounds		Nitrogen Oxides	
	Northeastern Illinois	SIP Budget	Northeastern Illinois	SIP Budget
2020	75.66	117.23	101.06	373.52
2025	59.23	60.13	65.54	150.27
2030	46.83	60.13	49.50	150.27
2040	39.52	60.13	40.28	150.27

conformity is demonstrated by comparison of analysis year emissions to the SIP budgets

**Notes:**

Off-model benefits are not included in the total emissions estimates

Results updated as of April 19, 2017

ACTION REQUESTED: Approval

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