

CHAPTER 4

2045 PLAN AND FY 2018-2021 TIP CONFORMITY RESULTS ANALYSIS

Final results for the conformity analysis are presented in the following table. The table shows the total volatile organic compounds (VOC) and NOx that are projected to be generated by vehicular traffic when 2045 Plan and FY 2018-2021 TIP projects are implemented. As indicated in Table 5, the total VOC and NOx are within the budget for these two pollutants. As the table shows, the TMACOG 2045 Plan and the FY 2018-2021 TIP conforms to federal requirements for improving air quality in the TMACOG region.

RESOLUTION AFFIRMING CONFORMITY

The final conformity analysis has been reviewed by the Transportation Council and the Executive Committee of TMACOG. Approval of the conformity results is documented in a TMACOG resolution approved on August 15, 2018 by the TMACOG Executive Committee. A copy of the resolution is included in Appendix E.

Pollutant	ALLOW-ABLE BUDGET 2009*	With current facilities completed by 2009	ALLOW-ABLE BUDGET 2018*	With current facilities, TIP, and plan projects to be completed by 2018	With current facilities, TIP, and plan projects to be completed by 2025	With current facilities, TIP, and plan projects to be completed by 2035	With current facilities, TIP, and plan projects to be completed by 2045
VOC (tons/day)	21.61	18.821	9.36	7.910	5.115	2.779	2.376
NOx (tons/day)	46.78	40.675	17.64	15.337	9.472	4.869	4.386

Table 5 – 2045 Plan and FY 2018-2021 TIP Air Quality Conformity Calculations (Emissions factor by MOVES14a)

*- 8-Hour SIP Redesignation Plan budget, 15% increase from the on-road emissions.