

**To:** CRCOG Policy Board and Transportation Committee  
**From:** Timothy Malone, Principal Planner  
 Jennifer Carrier, CRCOG - Director of Transportation Planning  
**Date:** November 3, 2016  
**Subject:** ***Air Quality Conformity Analysis***

The Connecticut Department of Transportation has asked us to endorse the new Air Quality Conformity Resolution for our FFY2015-2018 Transportation Improvement Program (TIP) and 2015 Long Range Transportation Plan (LRTP). The Air Quality Conformity Analysis (AQCA) report is attached. The AQCA is updated every six months to a year in order to incorporate new projects from the State Transportation Improvement Program (STIP). For this update, CTDOT has also transitioned to the new Environmental Protection Agency (EPA) required emissions modeling software: MOVES2014a.

The State performs the AQCA on a statewide basis, with all LRTPs and TIP projects in the state analyzed together. This is due to overlap between planning region boundaries and the two air quality analysis districts in the state.

The September 2016 analysis shows that the State’s LRTPs and TIPs are within the approved 2009 motor vehicle emissions budgets. The table below shows the results for the Greater Connecticut Ozone “Moderate” Nonattainment Area, which includes the CRCOG region:

***Greater CT Ozone "Moderate" Nonattainment Area (emissions in tons per day)***

| Year | RESULTS |       | BUDGET |       | DIFFERENCE |        |
|------|---------|-------|--------|-------|------------|--------|
|      | VOC     | NOx   | VOC    | NOx   | VOC        | NOx    |
| 2017 | 15.99   | 21.99 | 26.30  | 49.20 | -10.31     | -27.21 |
| 2025 | 11.39   | 11.87 | 26.30  | 49.20 | -14.91     | -37.33 |
| 2035 | 6.70    | 6.94  | 26.30  | 49.20 | -19.60     | -42.96 |
| 2040 | 6.17    | 6.49  | 26.30  | 49.20 | -20.13     | -42.71 |

VOC: Hydrocarbons or Volatile Organic Compounds  
 NOX: Nitrogen Oxides

CRCOG is required to have a 30-day public comment period for the AQCA that includes a public hearing. The comment period is open from 10/13/2016 until 11/14/2016. The public hearing will be held at 11:30am on 11/14/2016 at MIRA. The attached resolution confirms CRCOG’s concurrence with the results of the analysis.

## RESOLUTION ON CONFORMITY WITH THE CLEAN AIR ACT - OZONE

**WHEREAS,** the Capitol Region Council of Governments (CRCOG) is required to submit an Air Quality Conformity Statement to the US Federal Highway Administration (FHWA) and to the US Environmental Protection Agency (EPA) in accordance with the final conformity rule promulgated by EPA (40 CFR 51 and 93) when adopting an annual Transportation Improvement Program (TIP) or when effecting a significant revision of the Region's Long Range Transportation Plan (LRTP); and

**WHEREAS,** Title 42, Section 7506 (3) (A) states that conformity of transportation plans and programs will be demonstrated if:

1. the plans and programs are consistent with recent estimates of mobile source emissions;
2. the plans and programs provide for the expeditious implementation of certain transportation control measures;
3. the plans and programs contribute to annual emissions reductions consistent with the Clean Air Act of 1977, as amended; and

**WHEREAS,** it is the opinion of the CRCOG that the plans and programs approved today, November 16, 2016 and submitted to FHWA and EPA conform to the requirements of Title 42, Section 7506 (3) (A) as interpreted by EPA (40 CFR 51 and 93); and

**WHEREAS,** the State of Connecticut has elected to assess conformity in the Greater Connecticut Ozone Moderate Nonattainment area (Litchfield, Hartford, Tolland, New London and Windham Counties) and the Connecticut Department of Transportation has jointly assessed the impact of all transportation plans and programs in these Nonattainment areas (Ozone Air Quality Conformity Report September 2016); and

**WHEREAS,** the Connecticut Department of Transportation's assessment (above) has found that plans and programs jointly meet mobile source emissions guidelines advanced by EPA pursuant to Section 7506 (3) (A).

**NOW THEREFORE BE IT RESOLVED THAT** the Capitol Region Council of Governments finds that the 2015 LRTP and the FFY 2015-2018 TIP and all Amendments conform to air quality requirements of the U.S. Environmental Protection Agency (40 CFR 51 and 93), related U.S. Department of Transportation guidelines (23 CFR 450), and with Title 42, Section 7506 (3) (A) and hereby approves the existing September 2016 Ozone Air Quality Conformity Determination.

**CERTIFICATE**

The undersigned duly qualified and acting Secretary of the Capitol Region Council of Governments certifies that the foregoing is a true and correct copy of a resolution adopted at a legally convened meeting of the Capitol Region Council of Governments on November 16, 2016.

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

Lisa Pellegrini, Secretary  
Capitol Region  
Council of Governments