



**Akron Metropolitan Area Transportation Study
Policy Committee**

**806 CitiCenter
5th Floor Conference Room
146 S. High Street, Akron, Ohio**

**Thursday, September 15, 2011
1:30 p.m.**

Agenda

1. **Call to Order**
 - A. Determination of a Quorum Oral
 - B. Audience Participation*

2. **New Business**
 - A. **Resolution 2011-17** – Concurrence with the Cleveland/Akron Air Quality Area Transportation Conformity Determination Attachment 2A

3. **Adjournment**

Next Regular Meeting:
Wednesday, December 7, 2011 - 1:30 PM
Martin University Center - South Room
105 Fir Hill, Akron, Ohio

* Any individual or representative of a group may take three (3) minutes to address the Policy Committee on any topic on the agenda. Anyone desiring more time than provided herein shall notify the Director by the Friday preceding the committee meeting so that they may be placed on the agenda for a maximum of five (5) minutes.

All mailout material is available on the AMATS Web Site at www.amatsplanning.org

AKRON METROPOLITAN AREA TRANSPORTATION STUDY

MEMORANDUM

TO: Policy Committee

FROM: AMATS Staff

RE: Approval of the Revised Air Quality Conformity Analysis for the Cleveland-Akron Air Quality Non-attainment Area Necessitated by the Amendment of the Northeast Ohio Areawide Coordinating Agency (NOACA) Long Range Plan and Transportation Improvement Program to include the SR-82 Widening Project and Granger Road/Transportation Boulevard Project

DATE: August 31, 2011

NOACA is requesting that the AMATS Policy Committee concur with the air quality conformity analysis of its proposed Plan and TIP amendment to include the City of Broadview Heights' SR-82 (East Royalton Road) Widening Project and the City of Garfield Heights' Granger Road/Transportation Boulevard Project, which both add capacity to the non-attainment area's roadway system.

The City of Garfield Heights received a \$900,000 transportation program earmark in 2008 for the Granger Road/Transportation Boulevard Project that would extend Transportation Boulevard to Rockside Road. On August 24, 2011 AMATS, ERPC, NOACA, FHWA, and ODOT were notified that the earmark would lapse if not authorized by **September 30, 2011**.

An air quality conformity finding is part of the requirement in obligating funds for the project. Because AMATS is part of the eight-county Cleveland-Akron-Lorain air quality non-attainment area, a new conformity determination must be established.

NOACA has prepared the necessary analysis to demonstrate that the amendment of its 2030 Transportation Plan (Connections 2030) and its 2012-2015 Transportation Improvement Program to include these projects will not interfere with the Cleveland-Akron area's air quality conformity status. The results of this analysis are included in **Exhibit 1**.

Resolution 2011-17 establishes AMATS concurrence with the results of the air quality analysis for NOACA's Plan and TIP amendment, in keeping with the interagency coordination requirements for the non-attainment area. The Staff recommends approval.

RESOLUTION NUMBER 2011-17

**OF THE METROPOLITAN TRANSPORTATION POLICY COMMITTEE OF THE
AKRON METROPOLITAN AREA TRANSPORTATION STUDY**

**CONCURRENCE WITH THE CLEVELAND/AKRON AIR QUALITY AREA
TRANSPORTATION CONFORMITY DETERMINATION**

WHEREAS, the Akron Metropolitan Area Transportation Study (AMATS) is designated as the Metropolitan Planning Organization by the Governor, acting through the Ohio Department of Transportation in cooperation with local officials in Summit and Portage Counties and the Chippewa Township area of Wayne County; and

WHEREAS, nonattainment and maintenance areas through a process called transportation conformity are required to demonstrate that emissions resulting from planned transportation system improvements will not exceed an area's emissions budget; and

WHEREAS, the United States Environmental Protection Agency (USEPA) establishes air pollution standards pursuant to the Clean Air Act for the preservation of public health and the environment; and

WHEREAS, the USEPA designated the counties of Ashtabula, Cuyahoga, Geauga, Lake, Lorain, Medina, Portage, and Summit a maintenance area under the 1997 eight-hour ozone standard; and designated the Ashtabula Township portion of Ashtabula County, and the counties of Cuyahoga, Lake, Lorain, Medina, Portage, and Summit a non-attainment area under the 1997 annual fine particles standard and designated the counties of Cuyahoga, Lake, Lorain, Medina, Portage, and Summit a non-attainment area under the 2006 daily fine particles standard; and

WHEREAS, NOACA is amending its long range Transportation Plan and 2012-2015 Transportation Improvement Program to include the City of Broadview Heights' SR-82 (East Royalton Road) Widening Project which adds capacity to the non-attainment area's roadway system, and

WHEREAS, NOACA is also amending its long range Transportation Plan with the City of Garfield Heights' Granger Road/Transportation Boulevard Project that includes a road extension to Rockside Road, which adds capacity to the non-attainment area's roadway system, and

WHEREAS, NOACA completed (Exhibit 1) a quantitative air quality analysis for both ozone and fine particulate matter (PM_{2.5}), in accordance with the requirements specified by the Safe Accountable, Flexible, Efficient Transportation Equity Act: A Legacy For Users (SAFETEA-LU) and the Clean Air Act Amendments of 1990; and

WHEREAS, the quantitative air quality analysis demonstrates that the NOACA 2030 Transportation Plan (Connections 2030) and 2012-2015 Transportation Improvement Program are in conformity with the applicable air quality standards of the State Implementation Plan; and

RESOLUTION NUMBER 2011-17 – Continued

WHEREAS, the necessary coordination between the Cleveland-Akron Air Quality area partners (Erie Regional Planning Commission for the Lorain County portion of the City of Vermilion; AMATS for Portage and Summit Counties; NOACA for Cuyahoga, Geauga, Lake, Lorain, and Medina Counties; and ODOT for Ashtabula County) has occurred to establish conformity under the eight-hour ozone and fine particles standard and establish conformity for the daily fine particles standard.

NOW THEREFORE BE IT RESOLVED:

1. That this Committee concurs with NOACA’s air quality conformity analysis for the eight-county Cleveland-Akron air quality non-attainment area necessitated by these amendments.
2. That this Committee makes a new conformity determination for both ozone and annual fine particulates and the daily fine particles standard as necessitated by the aforementioned NOACA Plan and TIP amendment.
3. That this Committee authorizes the Staff to provide copies of this Resolution to the appropriate agencies as evidence of action by the Metropolitan Transportation Policy Committee of the Akron Metropolitan Area Transportation Study.

Bob Pfaff, 2011 Chairman
Metropolitan Transportation Policy Committee

Date

Exhibit 1

Connections 2030 Plan Amendment Conformity Analyses

NOACA must complete conformity analyses and determinations for USEPA's 1997 8-hour ozone standard, and the 1997 annual and 2006 daily particulate matter air quality standards for two amendments to the NOACA long range transportation plan. These are:

The widening of SR-82 (East Royalton Road) in the City of Broadview Heights; and
The extension of Transportation Boulevard from Granger Road to Rockside Road in Garfield Heights.

These analyses are conducted in cooperation with the other MPOs and ODOT for the designated non-attainment areas.

Northeast Ohio's conformity planning partners include NOACA, AMATS (the Akron MPO), ERPC (the Sandusky MPO), ODOT, FHWA, and USEPA. NOACA, AMATS, ERPC and ODOT are submitting the necessary conformity determination materials to FHWA and USEPA in conjunction with the adoption of their respective TIPs.

NOACA staff has completed the necessary analyses for our five counties and combined them with the analysis results for the rest of the applicable nonattainment areas. The tables on the following pages demonstrate that the amended plan allows for the area remain in conformance with the intent of Ohio's State Implementation Plans (SIPs).

Brief Description of Conformity

Conformity determinations create a connection between NOACA's transportation planning efforts and Ohio's federally mandated air pollution control planning efforts. They accomplish this by demonstrating that emissions resulting from transportation plans, programs, and projects will not exceed budgetary limits set for them in state air quality plans. The state plans, referred to as State Implementation Plans (SIPS), address any air pollutant for which any portion of the state is designated as in nonattainment or maintenance.

8-Hour Ozone Conformity Test Results

Ozone Precursor Emissions

HYDROCARBON EMISSIONS (TONS/DAY)					
	2012		2020		
	Budget	2012	Budget	2020	2030
NOACA		23.53		14.99	14.16
AMATS		12.42		7.37	7.06
Ashtabula		2.49		1.69	1.63
TOTAL	46.64	38.45	31.48	24.05	22.85

NO_x EMISSIONS (TONS/DAY)					
	2012		2020		
	Budget	2012	Budget	2020	2030
NOACA		49.02		19.13	12.52
AMATS		25.22		10.06	6.81
Ashtabula		4.12		2.01	1.55
TOTAL	95.89	78.36	42.75	31.20	20.88

Fine Particulate Matter Conformity Test Results

PM_{2.5} Direct and Precursor Emissions
1997 Annual NAAQS

PM_{2.5} EMISSIONS (TONS/YEAR)				
	Budget	2010	2020	2030
NOACA		508.56	281.57	264.50
AMATS		217.08	129.32	129.54
Ashtabula Twp.		2.11	1.41	1.37
TOTAL	818.11	727.75	412.30	395.41

NO_x EMISSIONS (TONS/YEAR)				
	Budget	2010	2020	2030
NOACA TOTAL		26,069.11	7,369.57	4,585.15
AMATS		11,526.80	3,389.90	2,203.03
Ashtabula Twp.		113.75	47.65	35.65
TOTAL	43,553.48	37,709.66	10,807.12	6,823.83

PM_{2.5} Direct and Precursor Emissions
2006 Daily NAAQS

PM_{2.5} EMISSIONS (TONS/YEAR)				
	Budget	2014	2020	2030
NOACA		365.65	281.57	264.50
AMATS		164.83	129.32	129.54
Ashtabula Twp.		1.86	1.41	1.37
TOTAL	818.11	532.34	412.30	395.41

NO_x EMISSIONS (TONS/YEAR)				
	Budget	2014	2020	2030
NOACA TOTAL		14,501.73	7,369.57	4,585.15
AMATS		6,863.43	3,389.90	2,203.03
Ashtabula Twp.		79.91	47.65	35.65
TOTAL	43,533.48	21,445.07	10,807.12	6,823.83