

**RESOLUTION NO. 2013-011
(CONNECTIONS⁺ 2035 LONG-RANGE
TRANSPORTATION PLAN ADOPTION)**

**RESOLUTION OF THE GOVERNING BOARD
OF THE
NORTHEAST OHIO AREA WIDE COORDINATING AGENCY**

WHEREAS, the Northeast Ohio Areawide Coordinating Agency (NOACA) is the Metropolitan Planning Organization (MPO) for the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina, and the areawide water quality management planning agency for the same region; and

WHEREAS, the Congress of the United States, through law (23 USC §134 and 49 USC §5303), has required that each MPO develop a long-range transportation plan (LRTP); and

WHEREAS, the U.S. Department of Transportation (USDOT), through regulation (23 CFR Parts 450 and 500; 49 CFR Part 613) and guidance, establishes development requirements; and

WHEREAS, the development of the LRTP must meet numerous federal and state requirements in order to ensure continued access to federal financing for transportation projects; and

WHEREAS, *Connections⁺ 2035* was developed to be consistent with current planning requirements, and to be consistent with responses from the Governing Board, Committees, local and state governments, and the public; and

WHEREAS, the NOACA region is included in the United States Environmental Protection Agency (USEPA) designated nonattainment areas under the 1997 and 2008 8-hour ozone standards and the 1997 daily and 2006 annual fine particulate matter standards; and

WHEREAS, the nonattainment areas also include parts of the Erie Regional Planning Commission area, the Akron Metropolitan Area Study area, and Ashtabula County; and

WHEREAS, transportation conformity (40 CFR Part 93) with the applicable air quality State Implementation Plans must be demonstrated for the entirety of the nonattainment areas; and

WHEREAS, the required emission factor model for conformity analyses is transitioning from Mobile6.2 to MOVES, and analyses have been conducted for this effort using both; and

WHEREAS, *Connections⁺ 2035* and the LRTPs for the other MPOs, and planned projects in Ashtabula County, meet the transportation conformity requirements as demonstrated in the attached tables; and

WHEREAS, *Connections⁺ 2035* has had sufficient public involvement in accordance with the Governing Board's Public Interaction Policy; and

WHEREAS, the NOACA Transportation Advisory Committee (TAC) has reviewed the major projects list from *Connections⁺ 2035* and recommends that the list be amended to the LRTP; and

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WHEREAS, the major projects list is fiscally constrained.

NOW, THEREFORE, BE IT RESOLVED by the Governing Board of the Northeast Ohio Areawide Coordinating Agency, consisting of forty-four principal officials serving general purpose local governments throughout and within the counties of Cuyahoga, Geauga, Lake, Lorain, and Medina that:

Section 1. *Connections⁺ 2035*, in substantial form, as shown as of today's date on the NOACA website, www.NOACA.org, is adopted as NOACA's long-range transportation plan.

Section 2. The Executive Director is authorized to transmit certified copies of this resolution to appropriate federal, state, and local agencies.

Certified to be a true copy of a Resolution of the Governing Board of the Northeast Ohio Areawide Coordinating Agency adopted this 10th day of May 2013.

Secretary: _____

Date Signed: _____

Daniel P. Troy
5/10/13

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Conformity Analysis Results

1997 Daily 8-Hour Ozone Standard

Emissions Model: Mobile 6.2
 Attainment status: 8-Hour ozone maintenance area (74 FR 47414 Final Rule 9/15/09)
 8-Hour Geography: ATB, CUY, GEA, LAK, LOR, MED, POR, SUM Counties, OH
 Conformity Tests: 8-Hour budget tests

| | 2012 Budget (tons/day) | 2015 Emissions (tons/day) | 2020 Budget (tons/day) | 2020 Emissions (tons/day) | 2030 Emissions (tons/day) | 2035 Emissions (tons/day) |
|-------------------------|---------------------------|------------------------------|---------------------------|------------------------------|------------------------------|------------------------------|
| AMATS | | | | | | |
| VOC | | 9.12 | | 7.37 | 7.06 | 7.10 |
| NOx | | 16.98 | | 10.06 | 6.81 | 6.51 |
| NOACA | | | | | | |
| VOC | | 18.46 | | 15.16 | 14.23 | 14.47 |
| NOx | | 34.23 | | 20.55 | 13.33 | 12.79 |
| Ashtabula County | | | | | | |
| VOC | | 2.06 | | 1.69 | 1.63 | 1.60 |
| NOx | | 2.94 | | 2.01 | 1.55 | 1.58 |
| TOTALS | | | | | | |
| VOC | 46.64 | 29.64 | 31.48 | 24.22 | 22.92 | 23.17 |
| NOx | 95.89 | 54.15 | 42.75 | 32.62 | 21.69 | 20.88 |

2008 Daily 8-Hour Ozone

Emissions Model: Mobile 6.2
 Attainment status: 8-Hour ozone marginal non-attainment area (77 FR 3088 Final Rule 5/21/2012)
 8-Hour Geography: ATB, CUY, GEA, LAK, LOR, MED, POR, SUM Counties, OH
 Conformity Tests: 8-Hour budget tests (required by July 20, 2013 as per 77 FR 30161)

| | |
|----------------------|--|
| 2008 Test | See 1997 Ozone Standard Table: Conformity regulations require the use of existing budgets for a pollutant until budgets are set under the new standard for conformity tests (77 FR 14979) |
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1997 Annual PM_{2.5} Standard

Emissions Model: Mobile 6.2
 Attainment status: 1997 Standard PM_{2.5} nonattainment area – (71 FR 61144 Dec. 14, 2009)
 SIP Status: Attainment demonstration MOBILE budgets adequacy finding - FR Jan.26, 2010
 Geography: CUY, LAK, LOR, MED, POR, & SUM Counties & Ashtabula Twp., Ashtabula County, OH
 Conformity Tests: 2009 Budget tests

| | 2009 Budget (tons/year) | 2015 Emis- sions (tons/year) | 2020 Emis- sions (tons/year) | 2030 Emis- sions (tons/year) | 2035 Emis- sions (tons/year) |
|---------------------------|--|---|---|---|---|
| AMATS | | | | | |
| PM_{2.5} | | 156.22 | 131.76 | 132.13 | 126.25 |
| NOx | | 5,981.55 | 3,445.60 | 2,246.90 | 2,151.24 |
| NOACA | | | | | |
| PM_{2.5} | | 353.28 | 275.20 | 258.23 | 257.74 |
| NOx | | 12,466.90 | 7,346.35 | 4,533.13 | 4,337.93 |
| Ashtabula Township | | | | | |
| PM_{2.5} | | 1.68 | 1.43 | 1.39 | 1.37 |
| NOx | | 72.18 | 48.24 | 36.26 | 35.76 |
| TOTALS | | | | | |
| PM_{2.5} | 815.11 | 511.18 | 408.39 | 391.75 | 385.36 |
| NOx | 43,553.48 | 18,520.63 | 10,840.19 | 6,816.29 | 6,524.93 |

2006 Daily PM_{2.5} Standard

Emissions Model: Mobile 6.2
 Attainment status: 2006 Standard PM_{2.5} nonattainment area – (71 FR 61144 Dec. 14, 2009)
 Geography: CUY, LAK, LOR, MED, POR, & SUM Counties
 Conformity Tests: 1997 Standard SIP (2009) budget tests – Per March 24, 2010 Conformity Rule PM_{2.5} and PM₁₀ Amendments

| | |
|----------------------|---|
| 2006 Test | See 1997 PM_{2.5} Standard Table: Conformity regulations require the use of existing budgets for a pollutant until budgets are set under the new standard for conformity tests (77 FR 14979) |
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2008 Daily 8-Hour Ozone Standard

Emissions Model: MOVES
 Attainment status: 8-Hour ozone maintenance area (74 FR 47414 Final Rule 9/15/09)
 8-Hour Geography: ATB, CUY, GEA, LAK, LOR, MED, POR, SUM Counties, OH
 Conformity Tests: 8-Hour submitted budget tests

| | 2012 Draft Budget (tons/day) | 2015 Emis- sions (tons/day) | 2020 Draft Budget (tons/day) | 2020 Emis- sions (tons/day) | 2030 Emis- sions (tons/day) | 2035 Emis- sions (tons/day) |
|-------------------------|------------------------------------|-----------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| AMATS | | | | | | |
| VOC | | 14.32 | | 9.39 | 8.09 | 8.55 |
| NOx | | 25.11 | | 15.23 | 11.74 | 10.66 |
| NOACA | | | | | | |
| VOC | | 33.53 | | 23.32 | 17.72 | 17.19 |
| NOx | | 61.81 | | 37.33 | 25.03 | 23.35 |
| Ashtabula County | | | | | | |
| VOC | | 1.97 | | 1.38 | 1.06 | 1.02 |
| NOx | | 3.78 | | 2.28 | 1.56 | 1.43 |
| TOTALS | | | | | | |
| VOC | 81.54 | 49.82 | 43.17 | 34.10 | 26.87 | 26.76 |
| NOx | 189.27 | 90.71 | 108.36 | 54.85 | 38.34 | 35.45 |

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1997 Annual and 2006 Daily PM_{2.5} Standards

Emissions Model: MOVES
 Attainment status: 1997 Standard PM_{2.5} nonattainment area – (71 FR 61144 Dec. 14, 2009)
 Geography: CUY, LAK, LOR, MED, POR, & SUM Counties & Ashtabula Twp., Ashtabula County, OH
 Attainment status: 2006 Standard PM_{2.5} nonattainment area – (71 FR 61144 Dec. 14, 2009)
 Geography: CUY, LAK, LOR, MED, POR, & SUM Counties
 SIP Status: Budgets submitted
 Conformity Tests: 2009 Budget tests

| | 2009 Draft Budget (tons/year) | 2015 Emis- sions (tons/year) | 2022 Draft Budget (tons/year) | 2022 Emis- sions (tons/year) | 2030 Emis- sions (tons/year) | 2035 Emis- sions (tons/year) |
|---------------------------|--|---|--|---|---|---|
| AMATS | | | | | | |
| PM_{2.5} | | 339.24 | | 212.43 | 205.54 | 202.32 |
| NOx | | 8,434.82 | | 4,073.80 | 2,419.59 | 2,161.35 |
| NOACA | | | | | | |
| PM_{2.5} | | 831.8 | | 546.59 | 481.22 | 473.41 |
| NOx | | 21,986.25 | | 11,832.57 | 9,385.68 | 9,056.82 |
| Ashtabula Township | | | | | | |
| PM_{2.5} | | 4.42 | | 2.81 | 2.77 | 2.77 |
| NOx | | 107.68 | | 54.49 | 37.61 | 35.30 |
| TOTALS | | | | | | |
| PM_{2.5} | 1,371.35 | 1,175.46 | 880.89 | 761.83 | 689.53 | 678.50 |
| NOx | 35,094.70 | 30,528.75 | 17,263.65 | 15,960.86 | 11,842.88 | 11,253.47 |