



CMAQ PROJECT APPLICATION

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|----------------|
| STIP ID |
| |

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED.

GENERAL PROJECT INFORMATION

1 SELECT CMAQ PROJECT TYPE

| | | |
|---------------|-------------|----------------|
| PO Allocation | Competitive | DOT Allocation |
|---------------|-------------|----------------|

2 SELECT MPO/RPO(S)

| | | | |
|---------------------------------|------------------------------|------------------|-------------------------|
| Burlington-Graham MPO | Gaston-Cleveland-Lincoln MPO | Land of Sky RPO | Triangle RPO |
| Cabarrus-Rowan MPO | Greensboro MPO | NW Piedmont RPO | Unifour RPO |
| Capital Area MPO | Hickory MPO | Rocky Mount MPO | Upper Coastal Plain RPO |
| Charlotte Regional TPO | High Point MPO | Rocky River RPO | Winston-Salem MPO |
| Durham-Chapel Hill-Carrboro MPO | Kerr-Tar RPO | Southwestern RPO | |

3 PROJECT SPONSOR INFORMATION

| | | | |
|---------------|--|---------------|--|
| Agency | | | |
| Contact Name | | | |
| Contact Title | | | |
| Address | | | |
| Telephone | | Email Address | |

4 PROJECT INFORMATION

| | |
|-------------|--|
| Title | |
| Description | |

Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stakeholders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location. **If this is an existing project, please add STIP ID in upper right corner.**

PROJECT COSTS & DELIVERY SCHEDULE

5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

- CMAQ projects are awarded by State Fiscal Years (FY). FY runs from July 1st of the previous year to June 30th of the current year. For example, FY 2020 is from July 1, 2019 through June 30, 2020.
- Cost estimates should reflect anticipated inflation compounded annually at 5% from the current calendar year.
- Minimum 20% match is required for most projects. See 23 U.S.C. §120 paragraph (c) for listing of safety projects that may be funded at up to 100% Federal share.
- In the case of purchasing alternative fueled vehicles (AFV) for general governmental use, CMAQ funding is limited to the cost difference between standard and AFV vehicles. For example, a 2020 Ford Escape lists for \$27,000 and a 2020 Ford Escape Hybrid lists for \$33,000. The total CMAQ-eligible funding for purchase of this AFV would be: \$33,000 - \$27,000 = \$6,000 (subject to local match).

Check box if this project is not typical 80/20 split. The minimum split is 80/20.

| Phases(s) | CMAQ Amount | Matching Amount | Total | FY |
|--------------------------------|-------------|-----------------|-------|----|
| Planning, Engineering & Design | | | | |
| Right-of-Way | | | | |
| Construction | | | | |
| Transit Operation | | | | |
| Transit Implementation | | | | |
| Non-transit Implementation | | | | |
| Project Total | | | | |

6 ANTICIPATED PROJECT MILESTONE DATES

* Milestone dates must coordinate with funding schedule in Section 5.
 * Planning & environmental document; plans, specifications & estimate package; and right of way certification must be complete prior to let date.

| Milestone(s) | Month/Year |
|--|------------|
| Planning & Environmental document to be complete: | |
| Plans, Specifications & Estimate package to be complete: | |
| Right-of-Way acquisition to begin: | |
| Anticipated let date (opening of bids): | |
| Anticipated completion date of project (including project close-out & reimbursement of all eligible expenses): | |

7 LIST THE SOURCE(S) OF MATCHING FUNDS:

8 TRANSIT START-UP INFORMATION
 Operation assistance under CMAQ is intended to help start up viable new transportation services that will benefit air quality and eventually cover their own costs. *This funding is limited to three years.* Other funding sources should supplement & ultimately replace CMAQ funds for operation assistance. Briefly describe how funding will be secured to continue the program after year three.
 (ATTACH ADDITIONAL SHEET(S) IF NEEDED)

GENERAL PROJECT INFORMATION

9 SELECT NC NONATTAINMENT/MAINTENANCE COUNTY(IES):

* Indicates partial county AQ designation

| | | | | | | | |
|----------|----------|-----------|-----------|----------|-------------|--------|--------|
| Cabarrus | Davidson | Edgecombe | Gaston | Haywood* | Lincoln | Orange | Swain* |
| Catawba | Davie | Forsyth | Granville | Iredell* | Mecklenburg | Person | Union |
| Chatham* | Durham | Franklin | Guilford | Johnston | Nash | Rowan | Wake |

10 SELECT CMAQ-ELIGIBLE IMPROVEMENT TYPE (check all that apply):

| | |
|--|---|
| Transportation Control Measures | Extreme Low-Temperature Cold Start Programs |
| Alternative Fuels | Congestion Relief & Traffic Flow Improvements |
| Transit Improvements | Bicycle/Pedestrian Facilities & Programs |
| Transportation Management Associations | Carpooling & Vanpooling |
| Freight/Intermodal | Diesel Engine Retrofits |
| Idle Reduction | Training |
| Travel Demand Management | Public Education & Outreach Activities |
| I/M Programs | Experimental Pilot Projects |

11 IF TRANSPORTATION CONTROL METHOD, CHECK THE ALLOWABLE TYPE(S):

| |
|---|
| <p>Programs/ordinances to facilitate non-automobile travel, provision/utilization of mass transit & general reduction of the need for single occupancy vehicle (SOV) travel, as part of transportation planning & development efforts of a locality, including programs & ordinances applicable to new shopping centers, special events & other centers of vehicle activity</p> |
| <p>Programs for improved public transit</p> |
| <p>Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or HOV</p> |
| <p>Employer-based transportation management plans, including incentives</p> |
| <p>Trip-reduction ordinances</p> |
| <p>Traffic flow improvement programs that reduce emissions</p> |
| <p>Fringe & transportation corridor parking facilities serving multiple-occupancy vehicle programs or transit services</p> |
| <p>Multiple-occupancy vehicle programs or transit service</p> |
| <p>Programs to limit/restrict vehicle use in downtown areas/other areas of emission concentration during peak periods</p> |
| <p>Programs for the provision of all forms of high-occupancy, shared-ride services</p> |
| <p>Programs to limit portions of road surfaces/certain sections of metro area to the use of non-motorized vehicles or pedestrian</p> |

| |
|---|
| Programs for secure bicycle storage facilities & other facilities, including bicycle lanes in both public & private areas |
| Programs to control extended idling of vehicles |
| Reducing emissions from extreme cold-start conditions |
| Employer-sponsored programs to permit flexible work schedules |
| Public Education & Outreach Activities |

12 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED:

| | |
|--|---|
| New facilities associated with a service increase | New vehicles used to expand the transit fleet |
| Operating assistance for new service (limit three years) | Fare subsidies as part of program to limit exceedances of NAAQS |

13 EMISSIONS REDUCTION CRITERIA

QUANTITATIVE analysis of air quality impacts is required for most project types. **QUALITATIVE** analysis is only allowable when it is not possible to accurately quantify emissions benefits, such as public education, marketing & other outreach efforts, which can include advertising alternatives to SOV travel, employer outreach & public education campaigns. The qualitative analysis should be based on a reasoned & logical determination that the project/program will decrease emissions & contribute to attainment or maintenance of NAAQS. The primary benefit of these activities enhanced communication & outreach that is expected to influence travel behavior & air quality.

• **Indicate the type of analysis completed:** Quantitative Qualitative

For QUANTITATIVE analyses, list the expected daily emissions BEFORE and AFTER project implementation:

| Pollutant | Daily Emissions Before (kg) | Daily Emission After (kg) | Daily Emissions Reduction (kg) |
|--|-----------------------------|---------------------------|--------------------------------|
| Carbon Monoxide (CO) | | | |
| Volatile Organic Compounds (VOC) | | | |
| Oxides of Nitrogen (NOx) | | | |
| Particulate Matter (PM2.5) | | | |
| Carbon Dioxide equivalent (CO ₂ e) (OPTIONAL) | | | |
| Total Daily Emissions (kg) | | | |

• **Describe the method used to estimate the emissions reduction and show calculations: (ATTACH ADDITIONAL SHEET(S) IF NEEDED)**

14 MISCELLANEOUS

| | | | |
|---|---------------------------|--------------------------|---------------------------|
| For construction of trails, has the Department of Interior been contacted | <input type="radio"/> Yes | <input type="radio"/> No | <input type="radio"/> N/A |
| Is the fare/fee subsidy program part of a broad program to reduce emissions | <input type="radio"/> Yes | <input type="radio"/> No | <input type="radio"/> N/A |
| Will the ITS project conform to the National ITS architecture | <input type="radio"/> Yes | <input type="radio"/> No | <input type="radio"/> N/A |

15 SUPPORTING INFORMATION CHECK LIST

Check supporting information included as attachment(s) to this application:

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|--|
| MPO/RPO Support Resolution (Required for PO ALLOCATION proposals) |
| Additional project description and/or details |
| Map of general project location |
| Complete emissions calculations |
| Any assumptions used |
| Other, please specify: |

16 MPO/RPO PRIORITY INFORMATION (OPTIONAL)

This project has been prioritized by the MPO/RPO and received the following ranking among all CMAQ requests:

17 SUBMIT

- 1) SAVE APPLICATION AND ALL ATTACHMENTS IN A SINGLE PDF DOCUMENT
- 2) Upload application as single PDF document to CMAQ Sharepoint Website