



THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



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Victoria F. Sheehan Commissioner William Cass, P.E. Assistant Commissioner

His Excellency, Governor Christopher T. Sununu and the Honorable Council State House Concord, New Hampshire 03301 Bureau of Planning & Community Assistance August 23, 2018

REQUESTED ACTION

- 1. Authorize the Department of Transportation to enter into agreements totaling \$9,380,040.00 with the attached list of sub-recipients to provide funding and services under the Congestion Mitigation Air Quality Program (CMAQ) through a local project administration process, effective upon Governor and Council approval, through June 30, 2021. (100% Federal funds).
- 2. Authorize the Department of Transportation to amend Governor and Council previously approved local project agreements with sub-recipients for all federally funded projects for changes in project scope, schedule and/or budget that arise through the development and design of the project.
- 3. Authorize the Department of Transportation to annually report an informational item, within 90 days of the end of the Federal Fiscal Year, on the status of all active federally funded locally administered projects.

Funding is available for FY 2019 and is contingent upon the availability and continued appropriation of funds for FY 2020 and FY 2021 as follows, with the ability to adjust encumbrances through the Budget Office between State Fiscal Years if needed and justified.

	FY 2019	FY 2020	<u>FY 2021</u>
04-96-96-962515-2945			•
Municipal Aid – Federal			
072-500574 Grants to Local Gov – Federal	\$865,764.00	\$5,524,276.00	\$2,990,000.00

EXPLANATION

These agreements are between the State and the Sub-recipients to delineate responsibilities for providing services necessary to plan, layout, design, acquire right-of-way, contract for construction, and/or provide oversight supervision for the Federal Aid Program projects approved as part of the State Congestion Mitigation Air Quality Program. A listing of projects and amounts awarded is attached for reference.

The focus of the CMAQ program is to address air quality issues or reduce congestion. The program provides up to 80% federal funding reimbursement to project sub-recipients that complete projects that accomplish these goals. CMAQ projects must fall under one of the following eligible federal categories: Transit capital purchases, new or expanded transit services, bicycle and pedestrian projects, road/intersection projects that mitigate congestion and air pollution, intelligent transportation systems projects, and alternative fuel projects not transit related.

New Hampshire has been allocated approximately \$13.3 million to fund these eligible projects.

The Department, through the Governor's Advisory Commission on Intermodal Transportation, has approved these project awards after a formal application process. Applications were evaluated on the following criteria: Project Readiness, Financial Readiness, Stewardship & Sustainability, and Air Quality cost benefit. A scoring committee was formed by the Department and current members are listed in the table below:

	Mr.	Mike	Dugas	Bureau of Highway Design
~	Ms.	Lucy	St. John	Bureau of Planning & Community Assistance
:	Mr.	Walker	Nielsen	Bureau of Finance & Contracts
ŀ	Ms.	Shelley	Winters	Bureau of Rail & Transit

The scoring committee reviewed each application and used the established criteria to score each project. Air quality analysis was done for each project by the governing Regional Planning Commission with the support and coordination of the Department.

Authorization is requested to allow the Department to enter into these agreements with the sub-recipients to ensure compliance with Federal Aid Program requirements and to permit State personnel to supervise the projects and the Department to expend Federal funds.

To assure the oversight of the Governor and Executive Council, the Department of Transportation also proposes to prepare an annual update of all federally funded locally administered projects in the CMAQ and other funded programs, including but not limited to Transportation Alternatives (TAP), Safe Routes to School (SRTS), Highway Safety Improvement Program (HSIP) and others. Information will include identifying project information (Project Town, Name, Number, Current Scope of Work), as well as, current budget and schedule information for all active projects, as well as, overall program information. Through this annual reporting, the Governor and Executive Council will be kept abreast of the changes to the local projects. The Department of Transportation proposes to submit an Informational Item to the Governor and Executive Council by December 31 of each year (90 days after the end of the Federal Fiscal Year).

Approval of this method will increase the transparency and accountability of federally funded, locally administered project work, and improve efficiency of project completion allowing the Department of Transportation to modify agreements with a municipality that will be able to perform and complete the necessary work to improve their own infrastructure. This method will also replicate the process that was recently approved by Governor and Council for State Bridge Aid projects, resulting in additional efficiency and consistency in business practice.

Expenses incurred will be charged against the designated project account number and reimbursement for costs shall be borne by the Grants to Local Gov-Federal fund in the total amount of \$9,380,040.00.

Your approval of this submission is respectfully requested.

Sincerely,

Victoria F. Sheehan

Commissioner

Attachments

The Attorney General's Office at the Department of Justice, Transportation and Construction Unit, has approved this template for use in municipally-managed projects.

[NAME OF PROGRAM]

[CONGESTION MITIGATION AND AIR QUALITY IMPROVEMENT PROGRAM / TRANSPORTATION ENHANCEMENT PROGRAM]

PROJECT AGREEMENT

FOR

[PROJECT SPONSOR NAME] PROJECT SPONSOR DUNS # _____ STATE VENDOR #: STATE PROJECT #: FEDERAL PROJECT #: _____ THIS AGREEMENT, executed in triplicate, is made and entered into this day of , 20_, between the NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, hereinafter called the "DEPARTMENT", and the [PROJECT SPONSOR NAME] of [city/town], hereinafter called the "PROJECT SPONSOR". WITNESSETH that, WHEREAS, the DEPARTMENT and the PROJECT SPONSOR have determined that a project to in the [city/town of] is an eligible project for funding under the Federal Aid Program created under a federal law known as FAST-ACT (Fixing America's Surface Transportation System Act); and WHEREAS, the DEPARTMENT has established [Name of Program**DELETE the word "Program"] Project # (the "Project") for the aforesaid project in the amount of dollars (\$ _____) with _____ percent (_%) of that cost coming from percent (_%) of that cost coming from the PROJECT SPONSOR, such amount being dollars (\$); and WHEREAS, the PROJECT SPONSOR has submitted an Application (xx-xxxx) to sponsor the Project (the "Application") and the DEPARTMENT has accepted the Application; and WHEREAS, the Application, by reference, is hereby made a part of this AGREEMENT; and WHEREAS, the PROJECT SPONSOR desires to act as Sponsor and Manager of the Project; and WHEREAS, the DEPARTMENT desires to cooperate with the PROJECT SPONSOR in accomplishing the Project;

agreement herein set forth by and between the parties hereto, it is mutually agreed as follows:

DUTIES AND RESPONSIBILITIES OF THE PROJECT SPONSOR:

I.

A. The PROJECT SPONSOR shall comply with all Federal and State of New Hampshire laws and rules, regulations, and policies as applicable under the Federal-aid Highway Program for Federal Aid Construction Contracts.

NOW, THEREFORE, in consideration of the above premises and in further consideration of the

- B. The PROJECT SPONSOR shall manage the design, environmental study, right-of-way acquisition and construction of the Project. This management is described in the current version of the DEPARTMENT's document titled "Local Public Agency Manual for the Development of Projects", as it may be amended from time to time, and, by reference, is hereby made a part of this AGREEMENT.
- C. The PROJECT SPONSOR shall provide or cause to provide for both the maintenance of the Project during construction and subsequent maintenance of all Project elements together with the maintenance of sidewalks, which includes winter snow and ice removal in accordance with the requirements of 23 CFR 1.27 and 28 CFR 35.133, once the work under this AGREEMENT is completed. **[Unless agreed otherwise at Project completion, the DEPARTMENT's maintenance responsibility shall be no greater than that which exists within the proposed Project limits on _____ prior to the start of construction.] (This section needed if State has current maintenance responsibility** Should operational adjustments be necessary, the PROJECT SPONSOR agrees that no changes will be made without prior approval of the DEPARTMENT and the Federal Highway Administration.
- D. The PROJECT SPONSOR shall submit monthly progress reports and invoices to the DEPARTMENT for reimbursement of its share of the amounts paid to engineering, environmental and/or right-of-way consultants and construction contractors for the performance of the work set forth in the Application or agreed upon at the scoping meeting. The invoice structure shall include details of work completed consistent with the Scope of Work as defined in the Application, as well as backup information to support the charges. The PROJECT SPONSOR shall certify that the invoices properly represent payment for work that has been completed and paid for by the PROJECT SPONSOR.
- E. The PROJECT SPONSOR is required to maintain all project and financial records pertinent to the development of the Project for three (3) years beyond the date of the DEPARTMENT's final voucher. The DEPARTMENT will send a letter to the PROJECT SPONSOR with the date of this approval. If there is a failure to maintain this documentation, NHDOT and/or Federal Highway Administration could take an action up to and including requesting a refund of all reimbursed project costs. Any and all of these project and financial records must be made available to the DEPARTMENT and Federal Highway Administration at their request.
- F. The PROJECT SPONSOR shall defend, indemnify and hold harmless the DEPARTMENT and its officials, agents and employees from and against any and all claims, liabilities or suits arising from (or which may be claimed to arise from) any act or omission of the PROJECT SPONSOR or its subcontractors in the performance of this AGREEMENT. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State of New Hampshire or the DEPARTMENT, which immunity is hereby reserved. This covenant shall survive the termination of this AGREEMENT.

G. Non-Discrimination:

1. The PROJECT SPONSOR agrees that it will comply with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d—2000d-4 (referred to as the ACT), and all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, US Department of Transportation, Subtitle A, Office of the Secretary, Part 21, "Non-

discrimination in Federally-Assisted Programs of The Department of Transportation – Effectuation of Title VI of the Civil Rights Act of 1964" (referred to as the "REGULATIONS"), the Federal-aid Highway Act of 1973, and other pertinent directives, to the end that no person shall on the grounds of race, color, national origin, sex, age, or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity for which the PROJECT SPONSOR receives Federal financial assistance extended by the State of New Hampshire. This AGREEMENT obligates the PROJECT SPONSOR for the period during which Federal financial assistance is extended.

- 2. The PROJECT SPONSOR hereby gives assurance as required by subsection 21.7(a)(1) of the REGULATIONS that it will promptly take any measures necessary to effectuate this AGREEMENT, including but not limited to the following specific assurances:
 - a. That each "program" and each "facility" as defined in subsections 21.23(e) and 21.23(b) of the REGULATIONS will be conducted or operated in compliance with all requirements of the REGULATIONS.
 - b. That the PROJECT SPONSOR shall insert the following notification in all solicitations for negotiated agreements or bids for work or material made in connection with this Project: The PROJECT SPONSOR hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, sex, age, or disability in consideration for an award.
 - c. That the PROJECT SPONSOR shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DEPARTMENT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The PROJECT SPONSOR shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DEPARTMENT-assisted contracts. The DEPARTMENT's DBE program, as required by 49 CFR part 26 and as approved by the United States Department of Transportation, is incorporated by reference in this AGREEMENT. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this AGREEMENT. Upon notification to the PROJECT SPONSOR of its failure to carry out its approved program, the DEPARTMENT may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.
 - d. That the PROJECT SPONSOR shall include the following assurance in each contract signed with a contractor and each subcontract the prime contractor signs with a subcontractor: The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, sex, age, or disability in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DEPARTMENT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of the contract or such other remedy, as the recipient deems appropriate.

- 3. The PROJECT SPONSOR shall insert a copy of the required provisions of Federally-assisted construction contracts in accordance with Executive Order 11246, Equal Employment Opportunity, and 41 CFR Part 60-4, Affirmative Action Requirements, in each contract entered into pursuant to this AGREEMENT. Required Federal contract provisions can be obtained through the DEPARTMENT's Labor Compliance Office (271-6612) or Online at: http://www.nh.gov/dot/org/administration/ofc/documents.htm
- Н. The PROJECT SPONSOR certifies by entering into this Agreement that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from entering into this Agreement by any federal agency or by any department, agency or political subdivision of the State of New Hampshire. The term "principal" for purposes of this Agreement means an officer, director, key employee or other person with primary management or supervisory responsibilities, or a person who has critical influence on or substantive control over the operations of the PROJECT SPONSOR. The PROJECT SPONSOR also certifies that it will verify the state and federal suspension and debarment status for all parties (consultant/vendor/contractor, etc.) receiving funds under this Agreement as a sub-Agreement and shall be solely responsible for any recoupment, penalties or costs that might arise from use of a suspended or debarred party. The PROJECT SPONSOR shall immediately notify the Department if any sub-Agreement party is debarred or suspended, and shall, at the DEPARTMENT'S request, take all steps required by the State to terminate its sub-Agreement relationship with the party for work to be performed under this Agreement.
- If there is a default of any nature to this AGREEMENT, the PROJECT SPONSOR shall be required to reimburse the DEPARTMENT and/or the Federal Highway Trust Fund for all funds expended under this Project.

II. DUTIES AND RESPONSIBILITIES OF THE DEPARTMENT:

- A. The DEPARTMENT shall review the Project engineering plans, environmental documents and contract documents applicable to the Federal Highway Administration and State of New Hampshire requirements for a Federally-funded project and submit appropriate documentation to the Federal Highway Administration to receive Federal approval.
- B. The DEPARTMENT shall reimburse its share to the PROJECT SPONSOR after receipt and approval of properly documented invoices that have been certified by the PROJECT SPONSOR as properly representing work that has been completed and paid for by the PROJECT SPONSOR.
- C. The DEPARTMENT shall use its best efforts to obtain authorization of the Project from the Federal Highway Administration.

III. IT IS FURTHER UNDERSTOOD AND AGREED BETWEEN THE DEPARTMENT AND THE PROJECT SPONSOR:

A. That the PROJECT SPONSOR will not incur any Project costs nor enter into any agreement with any third party, including but not limited to consultants, contractors, or engineers until such time that it receives a written notice to proceed from the DEPARTMENT to do so.

- B. That the maximum amount of funds available for this Project for reimbursement under this AGREEMENT from the DEPARTMENT shall be as set forth in paragraph 4 of page 1. As the scope of the Project is finalized, should the costs for the Project exceed the amount budgeted, the DEPARTMENT agrees to review Project costs for consideration of additional funding. Neither the DEPARTMENT nor the Federal Highway Administration will be responsible for any expenses or costs incurred by the PROJECT SPONSOR under this AGREEMENT in excess of the above amounts unless the DEPARTMENT expressly authorizes additional funding prior to the work being performed.
- C. That the PROJECT SPONSOR shall invoice the DEPARTMENT for incurred costs on a monthly basis and the DEPARTMENT will process these invoices for payment in an expeditious manner.
- E. That the PROJECT SPONSOR will attend a meeting with the DEPARTMENT's representative after signing this AGREEMENT to discuss the Project's scope, budget and schedule. The PROJECT SPONSOR will subsequently provide a schedule showing project milestones with dates. Failure to meet these dates could delay funding for construction.
- F. That this AGREEMENT is contingent upon the appropriation of sufficient funds from the State of New Hampshire Legislature and/or the Federal Highway Administration. If sufficient funds are not appropriated, the DEPARTMENT may terminate this AGREEMENT upon thirty (30) days' written notice to the PROJECT SPONSOR. Such termination shall relieve the DEPARTMENT and the PROJECT SPONSOR from obligations under this AGREEMENT after the termination date.

NEW HAMPSHIRE DEPARTMENT

PROJECT SPONSOR NAME

By:	By:	
Commissioner		
Department of Transportation	Title:	
Authorized to enter into Agreement as approved by Governor & Council on		

Sub-recipients of Congestion Mitigation Air Quality Funds

Sub-Recipients	Vendor#	FY2019	FY2020	FY2021	Total
CLAREMONT	177373	\$51,840.00	\$470,240.00		\$522,080.00
CONWAY	177377	\$88,812.00	\$1,111,188.00		\$1,200,000.00
DOVER	177380	\$16,000.00	\$104,000.00		\$120,000.00
DURHAM	177383	\$48,000.00	\$731,200.00		\$779,200.00
HUDSON	177415	\$72,000.00	\$48,000.00	\$1,080,000.00	\$1,200,000.00
	177433	\$132,000.00	\$88,000.00	\$980,000.00	\$1,200,000.00
NASHUA	177441	\$62,592.00	\$817,168.00		\$879,760.00
PELHAM	177457	\$108,000.00	\$162,000.00	\$930,000.00	\$1,200,000.00
PORTSMOUTH	177463	\$36,000.00	\$764,000.00		\$800,000.00
SALEM	177472	\$116,000.00	\$564,000.00		\$680,000.00
SOMERSWORTH	177476	\$38,520.00	\$520,480.00		\$559,000.00
STATEWIDE		\$96,000.00	\$144,000.00		\$240,000.00
	Totals	\$865,764.00	\$5,524,276.00	\$2,990,000.00	\$9,380,040.00

Congestion Mitigation Air Quality Funds Transit Projects - Transfers to FTA

Sub-Recipients	Vendor#	FY2018	Total
COAST	155553	\$1,140,000.00	\$1,140,000.00
UNH	177867	\$1,190,640.00	\$1,190,640.00
NNEPRA		\$1,200,000.00	\$1,200,000.00
NASHUA	177441	\$378,116.80	\$378;116.80
<u> </u>	Totals	\$3,908,756.80	\$3,908,756.80

	4	·	201	7 C	MAQ SC	ORING SUMMARY								
\$ \$ 5	Name	State #	Sponsor	Executive Council District	Category	Project Description	Total \$ Requested	Federal \$ Requested	Running Sum	5-1 Project Readiness (20 pts max)	5-2, Financial Readiness (20 pts max)	5-3 Stewardship and Sustainability (25 pts max)	S-I AO Cost Benetit (35 pts max)	Total Score (100 pts)
17-DICMAQ	Somersworth	41741	Tawn of Somersworth	2	Road/Intersection Projects that mitigate congestion and air pollution	Purpose: The City of Somersworth is proposing a signal system optimization of the High Street/Rte. 108 Corridor in order to improve traffic flow and streamline intersections, as well as provide for pedestrian improvements that provide a reduction in single-occupant vehicle travel.	\$698,750.00	\$559,000.00	\$559,000.00	19.5	19	21.3	31.4	91.2
17-16CMAQ	Nashua	41742	City of Nashua	5	Bike and Pedestrian Projects	The purpose of this application is to complete the construction of the Heritage Rail Trail East. This project would extend the bike and pedestrian trail from the Heritage Rail Trail West's terminus at Main Street in downtown Nashua and continue the trail to East Hollis Street/Denton Street intersection.	\$1,099,700.00	\$879,760.00	\$1,438,760.00	19.5	19.75	16.3	35 `	90.55
17-22CMAQ	Exeter	41743	Northern NE Passenger Rail Author.	3	Rail improvements	The Rockingham Siding Project (Project) seeks to rehabilitate the Rockingham Control Siding, an existing signal controlled two-mile long passing siding adjacent to the mainline track located between CPF 256 in Newfields, NH and CPF 258 in Exeter, NH. The siding is currently used daily as a regularly scheduled meet location for Downeaster trains to pass and by freight trains accessing the Pan Am Portsmouth Branch serving regular customers in Newington, NH and Portsmouth, NH.	\$1,600,000.00	\$1,200,000.00	\$2,638,760.00	17.25	19.5	18.3	35	90.05
17-21CMAQ	COAST	41744	Coop Alliance for Seacoast Trans.	2.	Transit Capital Purchase	COAST is submitting this application for a CMAQ funds award to replace three (3) pre-2009 heavy duty buses with three new heavy duty buses. With the passage of the FAST Act the CMAQ program is one of the only remaining Federal funding programs available for COAST to continue to keep our fleet in a state of good repair. As identified in our initial Transit Asset Management Targets and Methodology report, 30% of our fleet in this asset class was currently beyond its Useful Life Benchmark (ULB) as of January 1, 2017.	\$1,425,000.00	\$1,140,000.00	\$3,778,760.00	17.25	13	22.5	35	87.75
17-17CMAQ	Nashua	41745	City of Nashua	5	New or expanded transit service	The purpose of this CMAQ project is for Nashua Transit System (NTS) to expand service west along Amherst Street, (NH 101 A), to Walmart in Amherst.	\$472,646.00	\$378,117.00	\$4,156,877.00	19.25	19.75	13.5	35	87.5
17-03CMAQ	Dover	41746	City of Dover	2	Road/intersection Projects that mitigate congestion and air pollution	This project is for traffic signal improvements to NH Route 108 in the area of Week's Crossing. These improvements will occur along Central Avenue and New Rochester Road at 4 intersections from Week's Lane to Long Hill Road and will include installation of a camera system to monitor traffic flow.	\$150,000.00	\$120,000.00	\$4,276,877.00	19.25	12.25	20.5	35	87.
17-06CMAQ	Manchester	41747	City of Manchester	4	Road/Intersection Projects that mitigate congestion and air pollution	The proposed plan is to implement a fully Adaptive Signal Control (ASC) system on Granite Street where cycle lengths, phasing, offsets and splits are continuously monitored and updated to provide optimized timing for current traffic conditions. On South Willow Street communication between signals will be upgraded and where effective, Signal Performance Measures (SPM) will be utilized to maintain fixed cycle lengths but continually adjust splits and offsets.	\$1,500,000.00	\$1,200,000.00	\$5,476,877.00	19	19	23.8	24.2	86

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Ol-ddV	Name	State *	Sponsor	Executive Council District	Category	Project Description	Total S Requested	Federal \$ Requested	Running Sum	5-1 Project Readiness (20 pts max)	5-2 Financial Readiness (20 pts max)	5-3 Stewardship and Sustainability (25 pts max)	5-4 AO Cost Benefit (35 pts max)	Total Score (100 pts)
17-19CMAQ	Claremont	41748	City of Claremont	1	Road/Intersection Projects that mitigate congestion and air pollution	The project plans to link ten traffic signals on a two mile stretch of Washington Street which is Claremont's busiest commercial roadway. Washington Street is a major east/west route through the region and a designated State highway Route 11 and 103. Traffic volume - on this segment of roadway is 20,000 seasonally adjusted average annual daily traffic (AADT). The existing signals operate at both collector side streets and major retail big box and strip plaza locations.	\$652,600.00	\$522,080.00	\$5,998,957.00	12	18.	20.8	27.8	78.6
17-11CMAQ	Durham	41749	University of New Hampshire	2	Transit Capital Purchase	UNH requests \$1.2M federal CMAQ funds to retire four MY 2006 35' biodiesel full-size transit buses with accumulated mileage of approximately 225,000 miles per vehicle and purchase four with similar size compressed natural gas (CNG) 32+ passenger vehicles. This request represents half of the FTA recommended capital fleet replacement needs of the system as of July 2018 (see capital replacement program in supplemental material). The four selected vehicles represent the oldest full size transit buses in the fleet.	\$2,164,800.00	\$1,190,640.00	\$7,189,597.00	17.75	19	22.8	19	78.55
17-07CNAQ	Salem	41750	Town of Salem	3	Bike and Pedestrian Projects	The goal of this project is to provide a safe afternative transportation opportunity for Salem residents, as well as to decrease motor vehicle usage and congestion on Route 28 in Salem. To accomplish this goal, our proposed project will add 0.3 miles to the Salem Bite-Ped Corridor, which runs along the abandoned Manchester & Lawrence rail line parallel and adjacent to Route 28.	\$850,000.00	\$680,000.00	\$7;869,597.00	19.75	14.75	18.3	22.2	75
17-23CMAQ	Statewide	41756	NH Dept of Transportation	2	Road/Intersection Projects that mitigate congestion and air pollution	The project for which we are applying will evaluate current operational parameters such as timing, phasing, and overall performance of 61 selected traffic control signals and develop and implement optimized signal timings to improve traffic flow through the intersections. By improving traffic flow, a reduction in delay will be achieved, reducing congestion and the associated vehicle idle time and therefore improving air quality.	\$300,000.00	\$240,000.00	\$8,109,597.00	19 .75	19.75	21.5	13.4	74.4
17-09CMAQ	Conway	41755	Mt. Washington, Valley Trails Assoc.	1	Bike and Pedestrian Projects	The Mt. Washington Valley Trails Association (MWVTA) is seeking \$1.2 million in funding for a 2.8 mile non-motorized transportation pathway that would be located in a heavily-trafficked section of North Conway, NH. The pathway would run parallel to North-South Road, just west of Route 16.	\$1,500,000.00	\$1,200,000.00	\$9,309,597.00	18.75	10.5	12	28.6	69.85
17-10CMAQ	Pelham	41751	Town of Pelham	3	Road/Intersection Projects that mitigate congestion and air pollution	The need for the proposed intersection improvements (roundabouts) at the intersection of Mammoth (NN 128) and Sherburne Road and at the nearby intersection of Mammoth and Marsh Road (NH 111A) are well known and documented. The installation of a roundabout at each of the two intersections will greatly reduce congestion and improve air quality by eliminating the long queue of cars that currently stack on the intersection approaches.	\$2,000,000.00	\$1,200,000.00	\$10,509,597.00	19	12.5	18.8	17	67.3
,17-15CMAQ	Portsmouth	- 41752	City of Portsmouth	3	Bike and Pedestrian Projects	This project is to add a multi-use side path for bicycles and pedestrians along flwyn Road extending from Route 1 to Harding Road. This project will include improvements for bicycle and pedestrian travel to encourage a reduction in single-occupant vehicle travel which is a CMAQ eligible activity.	\$1,000,000.00	\$800,000.00	\$11,309,597.00	17.5	14.5	14	15.8	61.8
17-13CMAQ	Durham	41753	University of New Hampshire	2	Rail improvements	UNH requests \$779,200 of CMAQ funds for transit facility improvement at the UNH- Durham rail station to accommodate increased passenger ridership; facilitate enhanced intermodal bus accomodation and improve site safety and capacity.	\$974,000.00	\$779,200.00	\$12,088,797.00	17	19	19.3	3	58.3

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41754	Town of Hudson City of Dover	2	Road/Intersection Projects that mitigate congestion and air pollution Road/Intersection Projects that mitigate congestion and air pollution	The proposed project consists of constructing a third southbound right-turn lane on Lowell Road/NH 3A from Wason Road/Flagstone Drive to the westbound ramp to the Sagarnore Bridge (Circumferential Highway) The project includes pedestrian and vehicular improvements to Chestnut Street between Central Avenue and Washington Street in downtown Dover. The principle improvement is the installation of a roundabout at the intersection of Third Street and Chestnut to improve	\$1,500,000.00	\$1,200,000.00	\$13,288,797.00	16.25	14.75	4.5	20.6	56.1
	City of Dover	2	Projects that mitigate congestion and air	Central Avenue and Washington Street in downtown Dover. The principle improvement is the installation of a roundabout at the intersection of Third Street and Chestnut to improve	-							
	 			safety and connectivity to the multi-modal Transportation Center.	\$1,500,000.00	\$1,200,000.00	\$14,488,797.00	18.75	12.25	22	3	56
-	Town of Milford	5	Road/Intersection Projects that mitigate congestion and air pollution	Nashua Street and Ponemah Hill Road Signalization: This project is for the installation of a traffic signal at the intersection of Nashua Street and Ponemah Hill Road with associated intersection improvements/Hashua Street and Ponemah Hill Road Sidewalk improvements: The project is for the construction of approximately 2,600 linear feet of new sidewalk between 504 Nashua Street (Medlyn Monument) and Walgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area	\$825,227.00	\$660,182.00	\$15,148,979.00	19	10.25	15.3	9.8	54.35
	City of Portsmouth	3	Road/intersection Projects that mitigate congestion and air pollution	The purpose of this project is to improve the traffic flow and multimodal accommodations at the Russell Street / Market Street intersection. This project will improve traffic flow by improving the capacity of the intersection. The project also will include improvements for bicycle and pedestrian travel to encourage a reduction in single-occupant vehicle travel.	\$1,325,000.00	\$1,000,000.00	\$16,148,979.00	17.75	14.5	14.5	6.2	52.95
	Town of Franconia	. 1	Bike and Pedestrian Projects	Project funds will be used to construct a 102 ft. bicycle-pedestrian bridge across the Gale River south of the Garnet Hill parking lot and constructing an approximately 1 mile long trail from the bridge following the Ham Branch southwards ending with a trailhead on Bickford Hill Road opposite to Ridge Rd	51,200,000.00	\$960,000.00	\$17,108,979.00	17.25	12.25	11.8	9.4	50.7
14-	City of Claremont	1	Transit Capital Purchase	Replace a 1994 vac/jetta truck- Cummins diesel, engine model 359-5.9 t-6cyl hours 3,077. This truck is used for the maintenance of sewer manholes, catch basins, and cleaning all pipes. Replace a 2005 Bombardier sidewalk machine (Perkins diesel) model SW48HY-hours 1,217: This machine is used to plow snow and ice and for treating the city's (35) miles of sidewalk	\$450,000.00	\$360,000.00	\$17,468,979.00	12.75	18	16.3	3	50.05
	Town of Hinsdale	2	Bike and Pedestrian Projects	The purpose of the project is to reduce congestion and air quality issues associated with School Street in Hinsdale, one of the most congested areas of the community.	\$992,753.00	\$794,202.00	\$18,263,181.00	18.25	10.25	17.8	3	49.3
	-	Town of Franconia City of Claremont	Town of Franconia 1 City of Claremont 1	City of Portsmouth 3 Road/Intersection Projects that mitigate congestion and air pollution Town of Franconia 1 Bike and Pedestrian Projects City of Claremont 1 Transit Capital Purchase Town of Hinsdale 2 Bike and Pedestrian	Dollution between 504 Nashua Street (Medlyn Monument) and Walgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area of the projects that mitigate congestion and air pollution Town of Franconia Town of Franconia Town of Claremont Town of Claremont Bike and Pedestrian Purchase Replace a 1994 vac/jetta truck- Cummins diesel, engine model 359-5.9 t-6cyl hours 3,077. This truck is used for the maintenance of sewer manholes, catch basins, and cleaning all pipes. Replace a 2005 Bombardler sidewalk machine (Perkins diesel) model SW48HY-hours 1,217: This machine is used to plow anow and ke and for treating the City's (35) miles of sidewalk Town of Hinsdale 2 Bike and Pedestrian Town of Hinsdale Description Town of Hinsdale Bike and Pedestrian Town of Hinsdale Description Town of Hinsdale Description Town of Hinsdale Description Town of Hinsdale Town of Hinsdale Description Town of Hinsdale Description	Dollution Detween 504 Mashua Street (Medlyn Monument) and Walgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area	Politution Determined Det	Dollution Doll	Delitation between 504 Mashus Street (Medylin Monument) and Walgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area and Richmond Plaza commence and Richmond Plaza commercial area and Richmond Plaza	Deflution between 504 Nashua Street (Medhy Monument) and Walgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area pedestrian connection from The Oval to the Lorden and Richmond Plaza commercial area from the Projects that mitigate congestion and air pollution Town of Franconia Town of Franconia Deflution Town of Franconia To	Dollution Detween 504 Nashua Street (Medity Monument) and Watgreen's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commendation. City of Portsmouth 3 Road/Intersection Projects that mitigate congestion and air pollution Projects that mitigate congestion and air pollution Projects that mitigate congestion and air pollution Projects in the project in the resource of the project is not intersection. The project allowed incomments for beyond the capacity of the intersection. The project allowed incomments for beyond the capacity of the intersection. The project allowed incomments for beyond the capacity of the intersection in single-occupant vehicle travel. Town of Franconia 1 Bike and Pedestrian Projects Project funds will be used to construct a 102 ft. bloycle-pedestrian bridge across the Galar River south of the Garnet Hill parking for and constructing an approximately 1 mile long trade in the bridge following the Him Branch southwards ending with a trailbead on Biction S1,200,000.00 S17,108,979.00 17.25 12.25 11.8	Pollution Detween SM Hashus Street (Medhy Moniment) and Walgreer's to provide a completed pedestrian connection from The Oval to the Lorden and Richmond Plaza commendations of the policy of Portsmouth 3 Project sthat mitigate congestion and air pollution The purpose of the instruction. This project site improves the traffic flow and multimodal accommodations of the flower of the purpose of the instruction in single-occupant vehicle travel. S1,325,000.00 S1,000,000.00 S16,148,979.00 17.75 14.5 14.5 6.2