

1.0 | Project Summary Information

1.1 Project Name **I/M Program Emissions Repair Training**

1.2 Project Description (summary of project) **Bear River Health Department in partnership with the National Center for Automotive Science and Technology at Weber State University will develop and deliver at least 6 specialized training courses before the end of 2016. These courses are delivered to automotive mechanics in Cache County and they focus on repairing vehicles with emissions related faults. Development and delivery of a course costs approximately \$5,000. Based on the estimate we would like to see 6 courses taught. If costs are lower than expected we will add additional training opportunities.**

1.3 Sponsor (jurisdiction) **Bear River Health Department**

1.4 Contact Information

Project Manager **Joshua Greer**
Office Phone **435-792-6572**
Cell Phone **435-757-9707**
Email **jgreer@brhd.org**

1.5 Cost Estimate

Total Estimated Project Cost **\$30,000**
CMAQ Funding Requested **\$27,969**
Local Cash Match **\$2,031**
Soft (or in-kind) Match proposed for project [Click here to enter text.](#)

2.0 | General Project Scope

Please complete the following sections to help the CMPO better understand your project.

2.1 Describe purpose and need of project. **Approximately 6,300 vehicles failed the required emissions inspection during 2014 in Cache County. These vehicles were required to be repaired in order to pass the inspection and get registered. Vehicles that cannot be repaired will not be registered in Cache County. These vehicles might be registered in a different county or state but continue to be used in Cache County. In order to ensure the I/M Program is giving Cache County the pollution reduction modeled, vehicles need to be repaired correctly. The I/M Program was started in 2014 in Cache County. Until 2014, automobile mechanics in Cache County did not have to perform many repairs related to the emissions control system. These emissions related faults typically don't affect vehicle drivability and often they have been ignored. Now that the repairs are required many of the mechanics are looking for training opportunities and continuing education. In order to save vehicle owners' time, money, and frustration it is important that the mechanics have a proper background in emissions related repairs.**

2.2 Describe existing service/conditions **In 2014 Bear River Health Department partnered with the National Center for Automotive Science and Technology at Weber State University to offer emissions related repair training. We have hosted 5 different classes and filled 80 seats so far. This training is critical if we expect to achieve the pollution reduction levels modeled for the I/M Program. We need to offer additional training**

2015 Congestion Mitigation and Air Quality Improvement Program (CMAQ) Funding Request Application

courses but funding is limited. The money received from CMAQ funding would allow the health department to sponsor additional training classes through the end of 2016.

2.3 Describe the general air quality benefits of your project The vehicle emissions inspection and maintenance program (I/M Program) was estimated to reduce PM2.5 levels by 0.46 tons/day. Without proper vehicle repairs we will not see the reductions modeled.

3.0 | Roadway Congestion Mitigation Project Information

This section to be completed **ONLY** for projects with a roadway improvement elements to relieve congestion (i.e. intersection improvements and ITS projects).

3.1 Describe how the project will alleviate congestion on this or other facilities [Click here to enter text.](#)

3.2 Describe any safety improvements for vehicular and bicycle/pedestrian traffic (i.e. raised medians, channelization of turn movements, barriers, parkway strips etc) [Click here to enter text.](#)

3.3 What additional right-of-way is needed for the project? [Click here to enter text.](#)

3.4 If phased or segmented, describe how the phase has independent utility and what future phases are anticipated? [Click here to enter text.](#)

3.5 What is the reduced vehicle delay that would result from you project in 2016 (this information will most likely need to come from a traffic or warrant study based on existing traffic counts)?

Category	CMAQ Project Benefits
Estimated Reduced Vehicle Hours Traveled (VHT)	Enter Text

4.0 | Alternative Transportation Mode Project (Bicycle, Pedestrian) This section to be completed **ONLY** for bicycle and pedestrian trail related projects.

4.1 Length of project (if applicable) [Click here to enter text.](#)

4.2 Describe the expected use of the facility (bike/ped projects) [Click here to enter text.](#)

4.3 Describe any equipment to be purchased? [Click here to enter text.](#)

4.4 If phased or segmented, describe how the phase has independent utility and what future phases are anticipated? [Click here to enter text.](#)

4.5 Facility usage information:

	Estimating Method	Daily Users
Method A:	Estimated Daily Bicycle & Pedestrian Users (provide documentation)	Enter Text
Method B:	Estimated from Average Annual Daily Traffic (AADT) Walk trips (AADT value for nearest road x 3.8%) + Bike Trips (AADT value for nearest road x 4.3%) = total bike/walk trips – 20% (to account for recreation purpose trips that do not offset emissions)	Enter Text

5.0 | Construction Project Cost Estimate

At a minimum all projects (that include construction elements) are required to provide the cost estimate summary found below (section 5.1). Projects that include significant construction elements are also required to supply a more detailed cost breakdown that includes unit costs (should include inflation factor, right-of-way, contingency, etc). Although not required, applicants with projects that include construction activities are encouraged to use a project cost estimating excel spreadsheet tool developed by UDOT (can be easily customized for a non UDOT local project). This spreadsheet tool can be downloaded from the CMPO's website at:

http://cachempo.org/?page_id=1181

5.1 Cost Summary

Summarize the information from the Costs Estimate Excel form or other method. Enter NA for items that do not apply to the project.

- a) Preliminary Engineering [Click here to enter text.](#)
- b) Environmental Work [Click here to enter text.](#)
- c) Right of Way Purchase [Click here to enter text.](#)
- d) Construction [Click here to enter text.](#)
- e) Construction Engineering [Click here to enter text.](#)
- f) Other costs (describe) [Click here to enter text.](#)
- g) Total Cost [Click here to enter text.](#)

6.0 | Demonstration of Air Quality Benefit

THE CMPO WILL WORK WITH YOU TO COMPLETE THIS INFORMATION AFTER YOUR APPLICATION IS SUBMITTED

Based in the information you have provided CMPO staff will calculate an estimated emission reduction benefit and an estimated emission reduction benefit/cost in

Pollutant	Reduced Annual Emissions (in tons)
Direct PM 2.5	Enter Text
CO	Enter Text
NOx	Enter Text
VOC	Enter Text
PM10	Enter Text
Total	Enter Text

Project's Emission Benefit/Cost [Enter Text](#)

(Annual Kg of emissions reduced * project life/\$1,000 cost)

7.0 | Supplemental Information

Please submit any supporting documentation including concept plans, maps, diagrams, charts, cost estimates, etc. that will allow the CMPO to make an informed decision regarding your proposed project. **Keep Supplemental Information submittals to 5 pages total.**

8.0 | Application Submittal

8.1 Application Submittal Instructions

APPLICATIONS ARE DUE BY 5:00 PM ON: SEPTEMBER 2, 2015

Submit completed application(s) to:

CMPO

Cache Administration Building

179 N. Main, Suite 305

Logan UT 84321

Applicants must submit one hard copy. In order to facilitate the distribution of the applications and any supplemental information please also email a copy of your application to jeff.gilbert@cachecounty.org. Please email your application saved in word format. At your own risk, your application can be submitted only electronically. However allow enough time to receive confirmation of receipt from the CMPO.

Failure to submit an electronic copy of your application before the deadline will not disqualify your application (only hardcopy is required before the deadline).

8.2 Contacts, Questions

For help with the application or questions, please contact:

Jeff Gilbert

179 N. Main, Suite 305, Logan

P 435-755-1634 C 435-994-1220

Email: jeff.gilbert@cachecounty.org

2015 Congestion Mitigation and Air Quality Improvement Program (CMAQ) Funding Request Application

9.0 | 2015 CMAQ Project Funding Prioritization Schedule

July 15, 2015	Notice of funding Availability: Legal notice in Newspaper, CMPO Website and mailing to CMPO participating jurisdictions. Prospective applicants will be notified of the amount potentially available (set by board).
August 6, 2015 by 5:00 PM to CMPO	One page project proposal due. To the extent possible, potential applicants should describe the project, include major budget items and identify quantifiable reductions in mobile source emissions. Email proposals will be accepted at applicant’s own risk (applicant’s responsibility to confirm CMPO receipt by 5:00 PM).
August 19, 2015 @ 3:30 PM 3 rd floor Conf Room, County Admin Building	CMAQ Review Committee “short list” meeting (If needed). Develop short list to be advanced to “Concept Report” phase. This meeting will be held only if needed. Depending on the number of proposals submitted, all projects could be advanced to “Concept Report” via email communication.
August 19, 2015	Begin UDOT (Elden Bingham) and Federal Highway Administration (Steve Call) Eligibility Review (as necessary)
September 2, 2015 by 5:00 PM to CMPO	CMAQ “Concept Reports” due to CMPO. Short listed projects must submit completed CMPO “Concept Report” forms to the CMPO office at 179 N. Main, Suite 300. Email applications will be accepted at applicant’s own risk (applicant’s responsibility to confirm CMPO receipt by 5:00 PM).
September 9, 2015 @ 3:30 PM 3 rd floor Conf Room, County Admin Building	CMAQ Review Committee Concept Review and Recommendation Meeting. The committee will finalize the funding recommendation to the CMPO Executive Council.
September 21, 2015 (tentative) Multipurpose Room, County Admin Building	CMPO Executive Council Meeting. The Council will hold a public hearing and consider amending the 2015 CMPO Transportation Improvement Program (TIP) with projects to be funded with CMAQ.
October 16, 2015 8:30 AM Provo Utah	Utah Transportation Commission Meeting Considers ratifying the CMPO’s TIP action and considers introducing the amendment the UDOT Statewide Transportation Improvement Program (STIP).
October 17, 2015	Project Implementation UDOT Region One Project Managers work with CMAQ grantees to establish project contracts and carry out the project.