

1.0 | Project Summary Information

1.1 Project Name **Bicycle and Pedestrian Advisory Committee (BPAC): Bicycle Shelters for Cities in the CMPO and Transit District Area**

1.2 Project Description (summary of project) The **Bicycle and Pedestrian Advisory Committee (BPAC)** proposes a CMAQ project to implement six or seven bicycle shelter facilities at key travel demand hubs. These bicycle facilities improvements will accommodate and encourage greater environmentally friendly, multi-modal bicycle and bus transportation throughout the Cache Valley region. The proposed improvements will be an integral part of a regional bicycle transportation plan in the region. **BPAC**, municipalities and transit would identify where the facilities would be located. As demand and future funds become available, additional bicycle facilities improvements could be implemented. Completion of this project will create a network of secure biking facilities in the valley and integrated with public transit.

1.3 Sponsor (jurisdiction) **Bicycle and Pedestrian Advisory Committee (BPAC)**

1.4 Contact Information

Project Manager **Gary Saxon**
Office Phone **435-752-2161**
Cell Phone **435-374-8076**
Email **logandowntown@gmail.com**

1.5 Cost Estimate

Total Estimated Project Cost **\$40,000 with a breakdown per site...Phase 1: Each site, Preliminary Design and Discussions \$1,500 per City. Final Construction Drawings \$2,240 per site. Survey \$1,000 per site with the remaining going to contingency and cost estimates to be used in contractor selection.**

CMAQ Funding Requested **\$37,320**

Local Cash Match **\$2,680**

Soft (or in-kind) Match proposed for project **None**

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. The **Bicycle and Pedestrian Advisory Committee (BPAC)** has requested bicycle/transit improvements to encourage the use of bicycle travel in lieu of car travel and partnered with Cache Valley Transit District (CVTD) in submitting the application. In response to this request, CVTD has committed to administering the CMAQ funds at no cost if the application is approved. Currently CVTD averages 4,800 bicycle trips per month with over 7,000 bike trips during the high use months of each year. Each bus in the 26 fixed-route CVTD bus fleet currently is equipped with a three-bicycle capacity carrying rack allowing a bicycle rider to use both bus public transit and bicycle transportation to complete a daily travel trip within the CVTD service area. An 11% annual growth trend in bicycle usage over the past three years has created bicycle transportation capacity issues. This project will allow CVTD and the community to expand bicycle-related services

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for the future. The first phase is the design and engineering phase as requested above. The second phase would be the construction phase with estimated cost of \$30,000 to \$60,000 per site based on the results of site selection and design determined in phase one

2.2 Describe existing service/conditions Only 2 facilities exist on transit routes currently; The Intermodal Transit Center, 500 North 150 East, and by the Logan City Library, 200 North Main Street.

2.3 Describe the general air quality benefits of your project A potential savings of 229,300 vehicle miles of travel (VMT) in the first year of the project implementation. This figure is derived from 2012 data supporting 58,222 annual bike rides on the CVTD system at an Average CVTD Rider Trip Length of 3.549 miles plus an assumed 11% annual growth trend in bicycle usage.

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) **2 years**

4.2 Describe the expected use of the facility (bike/ped projects) A potential savings of 229,300 vehicle miles of travel (VMT) in the first year of the project implementation. This figure is derived from 2012 data supporting 58,222 annual bike rides on the CVTD system at an Average CVTD Rider Trip Length of 3.549 miles plus an assumed 11% annual growth trend in bicycle usage.

4.3 Describe any equipment to be purchased? **NA**

4.4 If phased or segmented, describe how the phase has independent utility and what future phases are anticipated? **Phase one is engineering, site selection and design. Phase two is construction**

4.5 Facility useage 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)	Enter Text

	purpose trips that do not offset emissions)	
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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 **\$40,000**
- b) Environmental Work **NA**
- c) Right of Way Purchase **easements**
- d) Construction **\$250,000**
- e) Construction Engineering **NA**
- f) Other costs (describe) **\$30,000 contingency**
- g) Total Cost **\$320,000**

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

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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 3rd 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 3rd 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.