

## Additional Items Needed for Specific CMAQ Projects

Project Type	Additional Item(s) Needed
Carpool Lot Expansion	Indicate the number of additional spaces
Dedicated Turn Lanes	Indicate the length of the lanes Intersection
Improvements/Ramp Modifications	Include a diagram of the modification
Non-Motorized Paths	Eligible if they are not exclusively recreational and reduce vehicle trips
	Include maps detailing the location of the proposed path
	Detail the land uses that surround the path
	Explain how the path provides access to jobs, services, and centers of trade
	List all connections to other non-motorized paths (if applicable)
Signal Interconnection	Include all locations in the Location Description
	Indicate the number of signals in the Work Description
Traffic Operations Center (TOC)	List specific activities to be funded For Operating Assistance - Year 1, 2, or 3 (Specify which year)
Transit	Vehicle lease/purchase <ul style="list-style-type: none"> <li>• How many will be leased or purchased</li> </ul>
	Operating Assistance <ul style="list-style-type: none"> <li>• Year 1, 2, or 3 (Specify which year)</li> </ul>
	Equipment <ul style="list-style-type: none"> <li>• Type to be funded</li> </ul>
Shared Ride (Rideshare)	Specify if for Marketing or Capital (or both)

### Other Information

Please note that there is an **alternative bus purchase** worksheet. This is available so that entities who are unable to obtain brake horse power ratings from manufacturers can calculate emissions savings for their proposed bus replacements.

**Transit Vehicle Purchases/Replacement** must include an emissions benefit to be funded with CMAQ. Agencies that submit projects for non-diesel fuel vehicle replacements must provide documentation verifying that the purchase/replacement of a petroleum gas fueled vehicle to a non-diesel fuel vehicle will produce a net emissions benefit. Since gasoline is not considered an alternative fuel, there are no tools available to calculate this benefit.

If you are proposing a **diesel retrofit** project for a non-verified technology, you are responsible for creating an acceptable emissions protocol to demonstrate the benefits of the project. You should consult the manufacturer of your product for assistance in evaluating their products for your fleets. Be sure to secure approval from your fleet management department before requesting CMAQ funds. Qualitative evaluations can be submitted but are contingent on the final decision of the Federal Highway Administration as to whether the argument is acceptable to satisfy the eligibility requirements.

Contact Information:  
Matthew Galbraith, CMAQ Program Manager  
Email: [galbraithm2@michigan.gov](mailto:galbraithm2@michigan.gov)  
Phone: (517) 335-2938