

## 2024-2026 Congestion Mitigation and Air Quality Project Application

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If you need assistance, please contact Brandon Kovnat, SWMPC Associate Planner.

Email [kovnatb@swmpc.org](mailto:kovnatb@swmpc.org) or call (269) 925-1137 x 1524

### Section 1. Applicant Information

Applicant Name	Southwest Michigan Planning Commission		
Contact Name	Kristopher Martin	Title	Associate Planner
Phone Number	2699251137 x 1521	Email	martink@swmpc.org
Sponsor (If applicable)			
Engineer/Consultant (If applicable)			
Phone Number		Email	

### Section 2. Project Information & Costs

Project Name: Berrien County Southwest Michigan Rideshare Promotion Standard Program		
City/Village/ Township:		County: Berrien County
Project Location <i>(short description of where the project is located)</i>	This rideshare program is for residents and employees that live and work in and around Berrien County Michigan.	
Which Emissions form is being used? (list the form name not the MDOT form number)	FHWA CMAQ Toolkit Carpooling and Vanpooling Tool	
Work Description <i>(Short description of work being performed. Please provide enough information for eligibility to be determined)</i>	This rideshare program offers a free rideshare matching service to everyone that lives, works, and commutes in the county. In this program the rideshare coordinator identifies and proactively markets directly to employers with the goal of conducting on-site meetings to explain rideshare and transportation options. The coordinator also offers free presentations/trainings to employees on the sign up and use of the rideshare services and provides free educational materials, it also promotes the MichiVan Commuter VanPool program and the online resources on <a href="http://www.mywaythere.org">www.mywaythere.org</a> . The presentations/trainings are available to businesses, employees, community groups, nonprofits organizations, employment agencies, libraries and anyone else interested. The coordinator will attend local job fairs or community events to promote the rideshare services. The coordinator will also promote the rideshare services in the media, in municipal buildings, carpool lots, and libraries. The coordinator also partners with other rideshare agencies across the state. The coordinator will help people sign up for the rideshare service over the phone or by email. The coordinator also manages the <a href="http://www.mywaythere.org">www.mywaythere.org</a>	

	website. This website is a great tool to learn what rideshare and public transportation services are available. On this site it has information on free or reduced rides, rideshare, transit, non-emergency medical information, information for seniors and people with disabilities and so much more.			
Describe how the project will reduce congestion and/or emissions	Carpooling is an environmentally-friendly and sustainable way to travel as sharing rides reduces carbon emissions, traffic on the roads, and the need for additional parking spaces.			
Project Cost <i>Only include CMAQ eligible expenses</i>	\$ 16,000	Proposed Year of Funding	2024	
Minimum Local Match – 20% of eligible costs	\$			
Can you supply additional match beyond the minimum required 20% If so how much?	<input type="checkbox"/> Yes <input type="checkbox"/> No Amount \$			
Emissions Benefit (from Emissions form)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Nitrogen Oxide (NO <sub>x</sub> )	Particulate Matter (PM 2.5)

### Section 3. Performance measures

<p>Besides emissions reductions what other performance measures will the project contribute to? <i>(select all that apply)</i></p> <p><input type="checkbox"/> Safety</p> <p><input type="checkbox"/> Pavement Condition</p> <p><input type="checkbox"/> System Reliability</p> <p><input type="checkbox"/> Pedestrian/Bicycle Connectivity</p> <p><input type="checkbox"/> Transit State of Good Repair</p>	<p>If you checked any of the Performance Measures please indicate how the project will improve them:</p>
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### Section 4. Additional Questions

Question	Y/N	If Yes, Provide Brief Explanation of How the project will meet these Criteria
Will the project be ready for obligation by July 1 of the year in which it's programmed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Will this project use multiple funding sources/be combined with another Non-CMAQ project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Is the project being carried out by a sponsored agency, or is a private entity providing funding, materials, or services in support of this project?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the project require Right of Way (ROW) acquisition or an easement?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If yes, attach a signed letter from that agency granting permission to implement all or part of this project in their right-of-way.</b>

### Section 5. Estimated Project Schedule

Activity	Estimated Date
Resolution of Support for Local Match Submitted to SWMPC	
Project Application Submitted to MOT	
Grade Inspection Package Submitted to MDOT	
Grade Inspection Meeting Scheduled	
Final Plan and Estimate to MDOT	
Right of Way (ROW) certified	
Rail Road Permits	
Environmental Mitigation	
Project Obligated	
Project Letting	
Construction Start	
Project Completion	

Enter NA for any activity that doesn't apply to the project.

# Carpooling

This calculator will estimate the reduction in emissions resulting from carpooling.

Navigator

Carpooling

Vanpooling

## INPUT

- (1) What is your project evaluation year?
- (2) Are the pick-up/drop-off locations centralized?  es
- (2a) What is the average round-trip distance participants drive to the central locations?  Enter as roundtrip mileage
- (3) Please choose one of the following questions to answer:
- (3a) What is the population of commuting workers?
- (3b) What is the number of vehicles participating in the carpool program?
- Default values based on national averages*
- (4) What share of commuters participate in pool?  Input as a percentage
- (5) On average, how many passengers are there per carpool vehicle?  Driver not included
- (6) What is the average commute distance?  Enter as roundtrip mileage

## OUTPUT

### EMISSION REDUCTIONS

Pollutant	Total (kg/day)
Carbon Monoxide (CO)	148.698
Nitrogen Oxide (NOx)	2.508
Particulate Matter <10 µm (PM <sub>10</sub> )	0.592
Particulate Matter <2.5 µm (PM <sub>2.5</sub> )	9.273
Volatile Organic Compounds (VOC)	4.635
Carbon Dioxide Equivalence (CO <sub>2</sub> e)	21552.953
Total Energy Consumption (MMBTU)	282.924

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Contact Name	Kristopher Martin	Title	Associate Planner
Phone Number	2699251137 x 1521	Email	martink@swmpc.org
Sponsor (If applicable)			
Engineer/Consultant (If applicable)			
Phone Number		Email	

### Section 2. Project Information & Costs

Project Name: Berrien County Southwest Michigan Rideshare Promotion Standard Program		
City/Village/ Township:		County: Berrien County
Project Location <i>(short description of where the project is located)</i>	This rideshare program is for residents and employees that live and work in and around Berrien County Michigan.	
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Describe how the project will reduce congestion and/or emissions	Carpooling is an environmentally-friendly and sustainable way to travel as sharing rides reduces carbon emissions, traffic on the roads, and the need for additional parking spaces.			
Project Cost <i>Only include CMAQ eligible expenses</i>	\$ 16,000	Proposed Year of Funding	2025	
Minimum Local Match – 20% of eligible costs	\$			
Can you supply additional match beyond the minimum required 20% If so how much?	<input type="checkbox"/> Yes <input type="checkbox"/> No Amount \$			
Emissions Benefit (from Emissions form)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Nitrogen Oxide (NO <sub>x</sub> )	Particulate Matter (PM 2.5)

### Section 3. Performance measures

Besides emissions reductions what other performance measures will the project contribute to? <i>(select all that apply)</i> <input type="checkbox"/> Safety <input type="checkbox"/> Pavement Condition <input type="checkbox"/> System Reliability <input type="checkbox"/> Pedestrian/Bicycle Connectivity <input type="checkbox"/> Transit State of Good Repair	If you checked any of the Performance Measures please indicate how the project will improve them:
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- (4) What share of commuters participate in pool?  Input as a percentage
- (5) On average, how many passengers are there per carpool vehicle?  Driver not included
- (6) What is the average commute distance?  Enter as roundtrip mileage

*Default values based on national averages*

## OUTPUT

### EMISSION REDUCTIONS

Pollutant	Total (kg/day)
Carbon Monoxide (CO)	138.362
Nitrogen Oxide (NOx)	2.489
Particulate Matter <10 µm (PM <sub>10</sub> )	0.576
Particulate Matter <2.5 µm (PM <sub>2.5</sub> )	8.235
Volatile Organic Compounds (VOC)	4.182
Carbon Dioxide Equivalence (CO <sub>2</sub> e)	20781.028
Total Energy Consumption (MMBTU)	272.808



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Minimum Local Match – 20% of eligible costs	\$			
Can you supply additional match beyond the minimum required 20% If so how much?	<input type="checkbox"/> Yes <input type="checkbox"/> No Amount \$			
Emissions Benefit (from Emissions form)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Nitrogen Oxide (NO <sub>x</sub> )	Particulate Matter (PM 2.5)

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## OUTPUT

### EMISSION REDUCTIONS

Pollutant	Total (kg/day)
Carbon Monoxide (CO)	128.869
Nitrogen Oxide (NOx)	2.473
Particulate Matter <10 µm (PM <sub>10</sub> )	0.562
Particulate Matter <2.5 µm (PM <sub>2.5</sub> )	7.349
Volatile Organic Compounds (VOC)	3.793
Carbon Dioxide Equivalence (CO <sub>2</sub> e)	20077.417
Total Energy Consumption (MMBTU)	263.532