

Cass County Congestion Mitigation and Air Quality (CMAQ)

Meeting Agenda

March 23, 2022 1:00 PM

Cass County Road Commission, 340 N O'Keefe St, Cassopolis, MI

1. Call to Order and Introduction
2. Overview of Purpose of the Meeting and CMAQ Program
3. Changes or Additions to the Agenda
4. Approval of Minutes from the January 14, 2202 Cass County CMAQ meeting (*Action*)
5. Review of FY 2023 CMAQ Projects (*Action*)
6. Selection of CMAQ projects for 2024, 2025, and 2026 (*Action*)
7. Public Comment or Privilege of the Floor
8. Adjournment

Cass County Congestion Mitigation and Air Quality (CMAQ)

Cass County Meeting Minutes

January 14, 2020 1:00 PM

Cass County Road Commission, 340 N O'Keefe St, Cassopolis, MI

Voting Members Present

Joe Bellina, *Cass County Road Commission*

Ben Anderson, *Village of Cassopolis*

Others Present

Jaqueline A. Laburdie, *Village of Marcellus*

Emilie Sarratore, *Village of Cassopolis*

1. Call to Order and Introductions

Joe Bellina called the meeting to order at 1:00 PM.

2. Overview of Purpose of the Meeting and CMAQ Program

Joe Bellina explained that the meeting was to program the CMAQ funds in 2020.

3. Changes or Additions to the Agenda

None.

4. Approval of Minutes from the January 8, 2019 meeting

Motion to approve the January 8, 2019 Cass County CMAQ meeting minutes made by Joe Bellina and seconded by Ben Anderson. **Motion approved.**

5. Review 2019 and 2020 Projects

No one was present to discuss the status of Cass county Transit Authority's bus replacements for 2019 or 2020.

Sarratore explained that the South Broadway Connector path was programed as mid-way through 2020 to replace other CMAQ projects. Originally there were two truck replacements programed for 2019 & a one in 2020, but these had to be removed because FHWA will not grant Buy America waivers. Sarratore further explained that Cassopolis received State Historic Preservation Office (SHPO) approval in September. Unfortunately, the state had already ran out of Obligation Authority. Therefore, the Village did not get their project obligated in 2019.

6. Program Remaining 2020 CMAQ Funds

Sarratore explained that the South Broadway Connector was originally awarded \$132,260 for FY 2019 and \$92,260 for 2020. The 2019 funding was lost. MDOT has granted an additional \$40,000 for 2020, to allow the project to use \$132,260 in 2020 (See attached application).

Bellina said that they had just called Matt Galbraith, the MDOT CMAQ coordinator before the meeting to confirm this.

Motion to approve the South Broadway connector path for the Village of Cassopolis in 2020 as submitted, made by Joe Bellina and seconded by Ben Anderson. **Motion approved.**

7. Public Comment or Privilege of the Floor

Bellina said that Roseanne Scherr had retired as the director of the Dowagiac Dial A Ride.

8. Adjournment

Meeting was adjourned at 1:20 PM.

Minutes compiled by Brandon Kovnat, SWMPC Associate Planner



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

March 2, 2022

Dear MTPA Members:

On February 3, 2022, the Michigan Department of Transportation (MDOT) announced that the local Congestion Mitigation and Air Quality (CMAQ) Program allocations would be reduced by \$2.5M starting in Fiscal Year (FY) 2023. As a result of this action, MDOT will apply the \$2.5M reduction to areas that no longer meet the definition of non-attainment area or maintenance area according to directives that were previously communicated in 2018.

Revisiting the Purpose of the CMAQ Program:

The federal CMAQ Program provides funding for transportation projects and programs that help meet the requirements of the Clean Air Act. These projects reduce congestion and improve air quality for:

1. Areas that do not meet National Ambient Air Quality Standards (NAAQS) for ozone, carbon monoxide, or particulate matter (designated as "non-attainment" areas).
2. Former non-attainment areas that are now in compliance (designated as "maintenance" areas).

These areas are designated by the Environmental Protection Agency. In Michigan, there were previously 25 counties included in these areas. The 2015 NAAQS for ozone re-designates 15 counties in Michigan that were formally designated as non-attainment for ozone, as "attainment".

Project Eligibility:

One of the three primary elements of project eligibility is that the project location is in, or benefitting, a non-attainment or maintenance area. MDOT agrees that CMAQ funds are to be used in targeted areas of the country that have severe air quality problems (designated as non-attainment and maintenance areas), which is measured by a state's ozone severity and carbon monoxide (CO) levels.

Starting with MAP-21, while CMAQ funds are issued on a state-by-state basis, states that do not have areas of concern (AOC) can use their CMAQ funds as part of the Surface Transportation Program (STP). STP funds can be used by states and localities for projects on any federal-aid highway. These "flexible" CMAQ funds are allocated to states as a separate apportionment than funds allocated to states that do have AOC. Please note that Michigan did not receive any "flexible" CMAQ funds.

MDOT announced in July 2018 that, beginning with the FY 2020-2023 Statewide Transportation Improvement Program (STIP) cycle, and after FY 2021, areas that were no longer designated as non-attainment or maintenance would see their CMAQ allocations reduced by one half, and would eventually see those allocations sunset, as MDOT's goal is to provide CMAQ funds to the areas that are designated as non-attainment or maintenance areas. This was reflected in the FY 2020-2023

CMAQ allocation table and is also reflected on the [FY 2023-2026 CMAQ allocation table](#), which is posted on the [MDOT CMAQ website](#).

With the additional requirements under MAP-21 for CMAQ Performance Measures, there are additional responsibilities for those areas that are designated as non-attainment or maintenance, and these requirements do not apply for areas no longer designated.

Reduction of \$2.5M to the Local CMAQ Program:

On November 15, 2021, the Infrastructure Investment and Jobs Act (IIJA) was signed, reauthorizing the Federal-Aid Highway Program (FAHP) for FY 2022 – 2026. With each reauthorization, changes are typically made to the FAHP, resulting in a need to re-evaluate MDOT's distribution of federal aid between trunkline and local programs. IIJA created several new funding programs, such as the Carbon Reduction Program (CRP). CRP funds are used to reduce carbon emissions and have many of the same eligible activities as the CMAQ Program. CRP funds are sub-allocated in IIJA by urbanized area. Typically, funding with urbanized area sub-allocations is provided for local needs in the distribution of federal aid, 75% for trunkline programs and 25% for local programs. To preserve the statutory 75/25 split between MDOT and Local programs, the FY 2023 – 2026 Local CMAQ program targets were reduced by \$2.5M. This reduction was applied to the 15 counties in Michigan that were re-designated as "attainment" areas.

CRP funds may not recoup the entire amount of funding lost due to these CMAQ reduction, but can help urban areas provide other opportunities where the CMAQ reductions occurred. CRP funds were provided to all metropolitan urbanized areas, not just those that have had an air quality conformity issue in past years. CRP funds are not available for rural areas. The CRP funds are distributed to Metropolitan Planning Organization areas for FY 2023 – 2026 based on population and will be used to assist Michigan in reducing carbon emissions as outlined in the IIJA. As additional information becomes available in the new CRP, it will be shared with local programs.

Thank you for your commitment to the transportation needs in Michigan. MDOT will continue to work with local agencies and transportation planning partners on changes to these programs resulting from the implementation of the IIJA and as other legislative changes occur.

If you have any questions, please contact either me or Jim Ashman, MDOT CMAQ Specialist, Systems Implementation and Monitoring Unit, at 517-896-5478 or AshmanJ@Michigan.gov.

Sincerely,

Craig B. Newell, Administrator

Statewide Transportation Planning Division
Michigan Department of Transportation

cc: Jim Ashman, MDOT

COUNTY	Current Allocation	Annual Reduction Keeping Non-Attainment Counties Whole	Percent of Total Allocation Reduction	Remaining Annual Allocation
Genesee	\$849,128	\$386,120	45%	\$463,008
Huron	\$64,825	\$29,478	45%	\$35,347
Lapeer	\$183,310	\$83,356	45%	\$99,954
St. Clair	\$834,321			\$834,321
Allegan	\$619,108			\$619,108
Kent	\$1,374,621	\$625,075	45%	\$749,546
Muskegon	\$910,021			\$910,021
Ottawa	\$610,629	\$277,668	45%	\$332,960
Macomb	\$4,582,306			\$4,582,306
Oakland	\$6,593,615			\$6,593,615
Wayne	\$9,171,948			\$9,171,948
Benzie	\$37,174	\$16,904	45%	\$20,270
Mason	\$60,981	\$27,730	45%	\$33,252
Berrien	\$804,294			\$804,294
Calhoun	\$280,716	\$127,649	45%	\$153,067
Cass	\$108,360	\$49,274	45%	\$59,086
Kalamazoo	\$554,627	\$252,203	45%	\$302,424
Van Buren	\$158,347	\$72,005	45%	\$86,343
Clinton	\$166,546	\$75,732	45%	\$90,813
Eaton	\$230,726	\$104,917	45%	\$125,809
Ingham	\$611,834	\$278,216	45%	\$333,618
Lenawee	\$206,000	\$93,673	45%	\$112,327
Livingston	\$1,006,645			\$1,006,645
Monroe	\$789,084			\$789,084
Washtenaw	\$1,927,362			\$1,927,362

2024-2026 Congestion Mitigation and Air Quality Project Application

Click “Enable Editing” to begin filling out this form. You may save this form at any time.

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

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

Section 1. Applicant Information

Applicant Name	Village of Cassopolis		
Contact Name	Emilie Sarratore	Title	Village Manager
Phone Number	269.445.8648	Email	manager@cassopolis-mi.us
Sponsor (If applicable)			
Engineer/Consultant (If applicable)	Tony McGhee, Abonmarche Consultant, Inc.		
Phone Number	269.927.2295	Email	tmcghee@abonmarche.com

Section 2. Project Information & Costs

Project Name: SMART Park Non-Motorized Trail			
City/Village/ Township: Village of Cassopolis, LaGrange Township		County: Cass	
Project Location <i>(short description of where the project is located)</i>	The project will be located in the Village of Cassopolis, along the northern portion of M60, between Decatur Road and the west corner of Cass-U-Stor.		
Which Emissions form is being used? (list the form name not the MDOT form number)		FHWA Bicycle and Pedestrian Improvements Toolkit	
Work Description <i>(Short description of work being performed. Please provide enough information for eligibility to be determined)</i>	The project will provide a 10-foot pedestrian/bicycle trail along the northern side of M60 creating connectivity and a non-motorized transportation route for persons commuting to and from the planned SMART Park at 60590 Decatur Road.		
Describe how the project will reduce congestion and/or emissions	The addition of a pedestrian/bicycle trail along this route will allow Village residents, including home owners adjacent the project site (0.2 miles) and students of Cassopolis High School (1.2 miles) to commute to and from the planned SMART Park for work and/or internship programs without having to use cars, helping reduce both congestion and emissions.		
Project Cost <i>Only include CMAQ eligible expenses</i>	\$ 276,100.00	Proposed Year of Funding	2025
Minimum Local Match – 20% of eligible costs		\$ 55,220.00	
Can you supply additional match beyond the minimum required 20% If so how much?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Amount \$	
Emissions Benefit (from Emissions form)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Nitrogen Oxide (NO _x)
	0.052	0.634	0.053
			Particulate Matter (PM 2.5)
			0.001

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 checked="" type="checkbox"/> Safety</p> <p><input type="checkbox"/> Pavement Condition</p> <p><input type="checkbox"/> System Reliability</p> <p><input checked="" 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> <p>Safety - currently, there are no sidewalks along this route. Pedestrians risk their safety to travel along this portion of M60.</p> <p>Pedestrian/Bicycle Connectivity - the project will provide a pedestrian/bicycle trail that will create connectivity and a non-motorized transportation route for Village residents and future SMART Park employees commuting to and from the Village. The project will also encourage the community to continue extending this trail throughout the Village, eventually connecting to other non-motorized routes within Cass County.</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Upon notification of funding, Abonmarche will design and prepare bid documents to meet MDOT requirements for bidding a 2025 project.
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	If yes, attach a signed letter from that agency granting permission to implement all or part of this project in their right-of-way.

Section 5. Estimated Project Schedule

Activity	Estimated Date
Resolution of Support for Local Match Submitted to SWMPC	10/15/2021
Project Application Submitted to MOT	11/01/2021
Grade Inspection Package Submitted to MDOT	11/05/2024
Grade Inspection Meeting Scheduled	12/03/2024
Final Plan and Estimate to MDOT	01/07/2025
Right of Way (ROW) certified	01/02/2025
Rail Road Permits	NA
Environmental Mitigation	NA
Project Obligated	03/04/2025
Project Letting	04/01/2025
Construction Start	05/20/2025
Project Completion	08/01/2025

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

Bicycle and Pedestrian Improvements

This calculator will estimate the reduction in emissions resulting from improvements to bicycle and pedestrian infrastructure and associated mode shift from passenger vehicles to bicycling or walking, including but not limited to sidewalks, dedicated bicycle infrastructure, improved wayfinding, mid-block crossing installations, bike share systems, and bike parking improvements.

Navigator

Bicycle and Pedestrian
Improvements

INPUT

User Guide

(1) What is your project evaluation year?

Reset Interface

(2) Estimate the shift in daily motorized passenger vehicle trips to non-motorized travel due to the bicycle and pedestrian project.

Daily Passenger Vehicle Trips

Before	After	Change
<input type="text" value="128"/>	<input type="text" value="56"/>	<input type="text" value="72"/>

(3a) Select the data type used for entering the typical one-way trip distance of passenger vehicles below:

Trip Distance Source

(3b) If you selected "Average" above, enter the typical one-way trip distance. If you selected "Distribution" above, enter the typical distribution of one-way trip distances.

Typical Trip Distance (miles one way)

Distribution of Trip Distances (daily fraction per mileage bin)

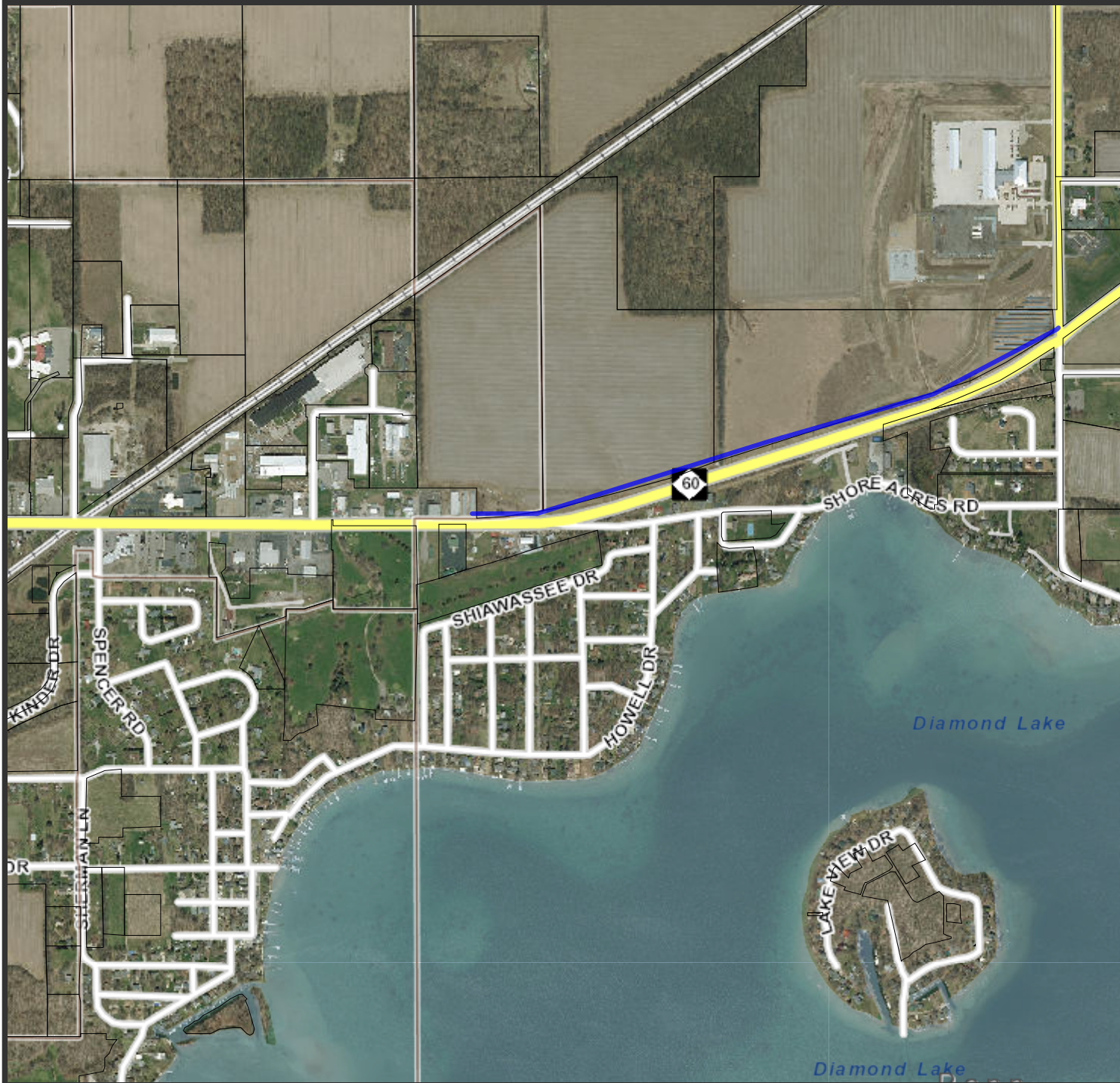
$x < 1$	$1 \leq x < 2$	$2 \leq x < 3$	$3 \leq x < 4$	$4 \leq x \leq 5$	Sum
<input type="text" value="19.90%"/>	<input type="text" value="20.40%"/>	<input type="text" value="21.30%"/>	<input type="text" value="17.20%"/>	<input type="text" value="21.20%"/>	<input type="text" value="100.0%"/>

OUTPUT

Calculate Output

EMISSION REDUCTIONS

Pollutant	Total	*Units in kg/day unless otherwise noted
Carbon Monoxide (CO)	0.634	
Particulate Matter <2.5 μm (PM _{2.5})	0.001	
Particulate Matter <10 μm (PM ₁₀)	0.004	
Nitrogen Oxide (NO _x)	0.053	
Volatile Organic Compounds (VOC)	0.052	
Carbon Dioxide Equivalent (CO ₂ e)	36.078	
Total Energy Consumption (MMBTU/day)	0.464	



Cass County GIS



Map Publication:

10/05/2021 5:13 PM



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FetchGIS

Disclaimer: This map does not represent a survey or legal document and is provided on an "as is" basis. Cass County expresses no warranty for the information displayed on this map document.

Proposed Trail Improvements					
Line	Item	Quantity	Unit	Unit Cost	Item Cost
1	Machine Grading	50.00	STA	\$ 2,500.00	\$ 125,000.00
2	Subbase, CIP	1850.00	CYD	\$ 10.00	\$ 18,500.00
3	Aggregate Base, 8 inch	5525.00	SYD	\$ 10.00	\$ 55,250.00
4	HMA, 13A (165 LB/SYD)	455.00	TON	\$ 90.00	\$ 40,950.00
5	HMA, 36A (165 LB/SYD)	455.00	TON	\$ 80.00	\$ 36,400.00
TOTAL				\$	276,100.00

2024-2026 Congestion Mitigation and Air Quality Project Application

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

Section 1. Applicant Information

Applicant Name	Cass County Transportation Authority		
Contact Name	Robert Durm	Title	Director
Phone Number	574-323-6522	Email	RDurmCCTA@outlook.com
Sponsor (If applicable)			
Engineer/Consultant (If applicable)			
Phone Number		Email	

Section 2. Project Information & Costs

Project Name: Bus Replacement				
City/Village/ Township: Cassopolis		County: Cass		
Project Location <i>(short description of where the project is located)</i>	Cass County			
Which Emissions form is being used? (list the form name not the MDOT form number)				
Work Description <i>(Short description of work being performed. Please provide enough information for eligibility to be determined)</i>	replacing a bus that meets FTA useful life criteria			
Describe how the project will reduce congestion and/or emissions	newer bus that should produce lower emissions and get better mileage			
Project Cost <i>Only include CMAQ eligible expenses</i>	\$ 76000	Proposed Year of Funding	2024	
Minimum Local Match – 20% of eligible costs		\$19000 provided by MDOT		
Can you supply additional match beyond the minimum required 20% If so how much?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Amount \$		
Emissions Benefit (from Emissions form)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Nitrogen Oxide (NO _x)	Particulate Matter (PM 2.5)

Section 3. Performance measures

Besides emissions reductions what other performance measures will the project contribute to? *(select all that apply)*

- ☐ Safety
- ☐ Pavement Condition
- ☐ System Reliability
- ☐ Pedestrian/Bicycle Connectivity
- ☐ Transit State of Good Repair

If you checked any of the Performance Measures please indicate how the project will improve them:

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bus will be purchased off an MDOT contract.
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	If yes, attach a signed letter from that agency granting permission to implement all or part of this project in their right-of-way.

Section 5. Estimated Project Schedule

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

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

2024-2026 Congestion Mitigation and Air Quality Project Application

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Phone Number	574-323-6522	Email	RDurmCCTA@outlook.com
Sponsor (If applicable)			
Engineer/Consultant (If applicable)			
Phone Number		Email	

Section 2. Project Information & Costs

Project Name: Bus Replacement				
City/Village/ Township: Cassopolis		County: Cass		
Project Location <i>(short description of where the project is located)</i>	Cass County			
Which Emissions form is being used? (list the form name not the MDOT form number)				
Work Description <i>(Short description of work being performed. Please provide enough information for eligibility to be determined)</i>	replacing a bus that meets FTA useful life criteria			
Describe how the project will reduce congestion and/or emissions	newer bus that should produce lower emissions and get better mileage			
Project Cost <i>Only include CMAQ eligible expenses</i>	\$ 76000	Proposed Year of Funding	2026	
Minimum Local Match – 20% of eligible costs		\$19000 provided by MDOT		
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Section 3. Performance measures

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- ☐ System Reliability
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If you checked any of the Performance Measures please indicate how the project will improve them:

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Section 5. Estimated Project Schedule

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Project Application Submitted to MOT	NA
Grade Inspection Package Submitted to MDOT	NA
Grade Inspection Meeting Scheduled	NA
Final Plan and Estimate to MDOT	NA
Right of Way (ROW) certified	NA
Rail Road Permits	NA
Environmental Mitigation	NA
Project Obligated	NA
Project Letting	NA
Construction Start	NA
Project Completion	NA

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

Cass County CMAQ Funding Scenarios

FY 2023

Cass County CMAQ 2023 Approved Projects - Funding Revision					
Agency	Project	CMAQ	Small Urban HIP-COVID	CTF	Total Cost
Dowagiac DAR	Bus Replacement	\$49,086	\$30,914	\$20,000	\$100,000
SWMPC	Rideshare	\$10,000	0	0	
Total		\$59,085			

FY 2024 & FY 2026

Cass County CMAQ 2024 Proposed Projects - Funding Revision					
Agency	Project	CMAQ	RTF	CTF	Total Cost
Cass County Transit	Bus Replacement	\$59,085	\$19,000	\$17,000	\$95,085
Total		\$59,085			