



**TECHNICAL ADVISORY COMMITTEE AGENDA
CITY OF BILLINGS AND
YELLOWSTONE COUNTY
FEBRUARY 8, 2024
MEETING TIME: 10:30 AM**



Miller Building 1ST Floor Conference Room 2825 3rd Ave N. Billings, Montana 59101

Committee Members			
Lora Mattox, Transportation Planning Coordinator, T.A.C.	1	Wyeth Friday, Director, Planning and Community Services	1
Tim Miller, Director YC Public Works Dept.	1	Monica Plecker, Deputy PW Director YC Public Works Dept.	1
Debi Meling, Public Works Director, City of Billings Engineering	V	Mac Fogelsong, City Engineer, City PW Engineering,	V
Rusty Logan, MET Transit Manger	1	Sarah Graham, MET Transit Planner	1
Samantha Woods, Urban Planning Section, MDT	A	Clark Snyder, Environmental Health RiverStone Health	1
Kenn Winegar, Urban Planning Section, MDT	V	Carol Strizich, Supervisor Urban Planning Section, MDT	V
Kurtis Schnieber, MDT	A	Carolyn Miller, FHWA	A
Zach Kirkemo, MDT	V	Ryan Hammon, FHWA	A
		Katie Potts, FHWA	V

Participating Virtually: Katie Potts, FHWA; Debi Meling, PW Director; Ken Winegar, Fiscal Planner MDT; Mac Fogelsong, Engineer COB; Mitch Buthold, Statewide Planning MDT; Zach Kirkemo, MDT; Carol Strizich, Urban Planning MDT.

In Attendance: Wyeth Friday, Planning & Community Services Director; Lora Mattox, Transportation Planning Coordinator; Clark Snyder, Riverstone Health; Tim Miller, Director YCPW; Monica Plecker, Deputy Director YCPW; Rusty Logan, Transit Manager MET; Sarah Graham, Transit Planner MET.

1. **Call to Order:** Lora Mattox, Transportation Planning Coordinator
 - a. Comments on items not on the agenda: Lora Mattox stated she will have the Safe Routes to School Phase II for review on the agenda at the next TAC meeting.

2. **Approval of the minutes:** October 18, 2023

Motion: Tim Miller made a Motion, seconded by Wyeth Friday to approve the meeting minutes of October 18, 2023 as submitted. The Motion was carried with a unanimous vote.

3. **Old Business:** There is no Old Business.

4. **New Business**

- a. 2024-2028 Transportation Improvement Plan (TIP) Review and Board Recommendation.
Lora Mattox, Transportation Planning Coordinator

This is the annual Transportation Improvement Plan (TIP). This document outlines our federal funding for the next five years. This is the new plan, as we have been working from amendments for the last few years, so this will be a new round of demonstrating what our upcoming funding will look like over the next five years.

The table is the estimated revenue by source. We will start seeing some of those urban funds replenishing our resources.

Estimated Revenue

Amounts shown in thousands of dollars

Fiscal Year	OMAQ**	STPU*	IM*	NH*	NHFP*	SFOI	STPP*	RRS	HSIP*	BR*	UPP*	MACI*	TA*	FWP	SUBTOTAL
Carryover	7,164.8	12,767.4											5,945.0		25,877.2
FFY 2024	1,435.8	2,489.8	2,297.5	19,858.5	0.0	0.0	0.0	0.0	-851.2	1,781.3	500.0	932.6	790.0	375.0	29,609.3
FFY 2025	1,435.8	2,489.8	18,708.7	34,409.7	14,357.7	0.0	0.0	0.0	1,000.0	12.4	500.0	750.0	790.0	125.0	74,579.1
FFY 2026	1,435.8	2,489.8	2,268.7	17,414.9	0.0	80.8	0.0	0.0	747.4	2,858.3	500.0	750.0	790.0	125.0	29,460.6
FFY 2027	1,435.8	2,489.8	8,439.0	11,370.9	0.0	0.0	0.0	0.0	500.0	0.0	500.0	750.0	790.0	125.0	26,400.4
FFY 2028	1,435.8	2,489.8	45,512.5	13,438.3	0.0	0.0	0.0	0.0	500.0	0.0	500.0	750.0	790.0	125.0	65,541.3
TOTAL	14,343.6	25,216.2	77,226.5	96,492.3	14,357.7	80.8	0.0	0.0	1,896.2	4,652.0	2,500.0	3,932.6	9,894.8	875.0	251,467.8

Fiscal Year	FTA 5307		FTA 5339		DISCRETIONARY 5339		FTA 5310		GAS TAX			TOTAL	
	Federal	Local	Federal	Local	Federal	Local	Federal	Local	CITY	COUNTY	OTHER**		
Carryover	5,107.7		1,011.2			8,397.9						40,394.0	
FFY 2024	2,500.0	3,290.6	480.0	325.9	0.0	1,409.6	162.4	28.7	1,739.8	313.8	998.6	40,858.5	
FFY 2025	2,500.0	1,648.8	480.0	115.0	0.0	0.0	180.8	45.2	1,739.8	313.8	1,830.6	83,433.0	
FFY 2026	2,500.0	1,648.8	480.0	27.0	0.0	0.0	180.8	45.2	1,726.8	324.8	998.6	37,392.5	
FFY 2027	2,500.0	1,648.8	480.0	99.9	0.0	0.0	180.8	45.2	1,779.9	299.1	998.6	34,432.6	
FFY 2028	2,500.0	1,648.8	480.0	60.0	0.0	0.0	180.8	45.2	1,726.8	324.8	998.6	73,506.1	
TOTAL	17,607.7	9,885.6	3,411.2	627.7		8,397.9	1,409.6	885.6	209.5	8,713.1	1,576.2	5,824.9	310,016.8

Funding projections are based on best available information and are subject to change given current funding uncertainties and unknown impacts of future congressional or other federal actions. Federal program funding availability may impact the scheduling of projects. Funding beyond 2024 will be subject to the obligation limitation set by the annual appropriations process.

NOTES:

For an easier read of the revenue dollars, here is what we are looking at for the total from all our various sources.

**2024-2028 Transportation Improvement Program
Table 3 – Total Revenue
All Sources**

2024 Includes Carryover	\$81,252,500
2025	\$83,433,000
2026	\$37,392,500
2027	\$34,432,600
2028	\$73,506,100
Total	\$310,016,800

Lora continued with some Notable Projects that are still in process, as well as looking to have the final FY24-25 budget for the Billings Bypass. The Johnson Lane interchange is going to be the last largest piece of that, and it looks like our final total project cost is about \$186 million. As we look forward, there will be the Zoo Drive intersection improvements and the roadway outside of Costco. The roundabout at King & 56th is active and continuing, as well as the Rimrock Road & 62nd roundabout. We also have our Transportation Alternative Projects, the Stagecoach Trail & the Lockwood sidewalks. Both are in the TIP for construction in 2026, but we anticipate activities for those projects to start in 2025.

Notable Projects:

- **1st Avenue North – North 9th to RR Crossing – Reconstruction of roadway - scheduled in 2028**
- **1st Avenue North – RR Crossing to Broadway – Reconstruction of roadway – scheduled in 2026**
- **1st Avenue North – Broadway to Division – Reconstruction of roadway – scheduled**
- **Zoo Drive/Intersection Improvements – Construction in 2025**
- **Roundabout at King/56th Street West – Active project**
- **Rimrock Road/62nd Street Roundabout – Active project**
- **Transportation Alternative Projects**
 - **Stagecoach Trail – Programmed for Construction FY26**
 - **Lockwood Sidewalks – Programmed for Construct FY26**

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Rusty Logan, Transit Manager stated MET has many of the same typical issues that we are used to seeing. There were some significant changes with Section 5307 and we needed more clarification from the FTA as far as using the TIP for annual programming projects.

MET Transit

FEDERAL TRANSIT ADMINISTRATION SECTION 5307

- Now includes Safety and Security Related Projects; updated apportionment numbers in years 22 – 24 based on BIL funding.

FEDERAL TRANSIT ADMINISTRATION SECTION 5339

- Updated with actual allocations for 2021 – 24
- Updated Bus Facilities/Passenger Amenities programming
- Updated with technology procurement for replacement CAD/AVL system.
- Bus Purchases updated for 2024 to support diesel and electric price escalations.

The FTA Section 5339 was updated with the actual allocations as available but broke out with the Bus Facilities Amenities programming.

The FTA Section 5310 was updated with the most recently available funding figures for the grant selections.

Transade was updated with actual apportionment figures with estimates for funding.

Projects Modified Due to Change in Funding/Scope: Continued

FEDERAL TRANSIT ADMINISTRATION SECTION 5339 COMPETITIVE

- Table now includes grant received for purchase of 4 electric buses, charging infrastructure, and a bus driver training simulator (grant required 5% spending on training and training tools).

FEDERAL TRANSIT ADMINISTRATION SECTION 5310

- Table updated with most recently available funding figures as well as recently completed GRANT selections for Coordination Group projects to occur in FY23. Projects table updated to reflect grant programming to cover previous vehicle price escalations.

TRANSADE

- Updated with actual apportionment figures with estimates for funding moving forward based on recent apportionments.

Lora gave an overview of the 2024-28 TIP Schedule to move the TIP through PCC in March 2024.

2024-28 TIP Schedule

■ Technical Advisory Committee	February 8
■ Planning Board Discussion	February 13
■ Planning Board Action	February 27
■ City Council Work Session	March 4
■ City Council Action	March 11
■ Commission Discussion	March 4
■ Commission Action	March 12
■ Policy Coordinating Committee	March 19

Discussion: Wyeth Friday stated we have the 1st Ave North project seeing the different dates for construction and the two-way study that is launching soon.

Mac Fogelsong said the contract for the consultant is going to be on the February 26, 2024 City Council agenda, so that work would kick off shortly thereafter, giving the study a completion of May or June.

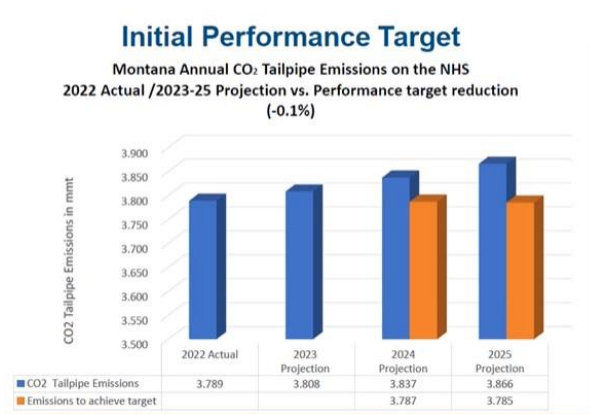
Lora called for a Motion for recommendation to the governing bodies to adopt the 2024-2028 Transportation Improvement Plan (TIP).

Motion: Rusty Logan made a Motion, seconded by Tim Miller to recommend the adoption of the 2024-2028 Transportation Improvement Plan (TIP). The Motion was carried by a unanimous vote.

5. **Other Business**

a. Montana Green House Gas Performance Measures (GHG) Presentation. Presented by Lora Mattox, Transportation Planning Coordinator.

Lora stated our MPO met with Mitch Buthold and MDT to discuss the new legislation that came through regarding the steps to follow for greenhouse gas performance measures. This came out in January and one of the things that's occurring right now is that Montana along with several other states, are going to court over the requirement for us to make new performance measures for greenhouse gas emissions. In general, what is going to happen is we will need to develop either our own performance measure for greenhouse gas emissions reduction, or we can support MDT's state targets for greenhouse gas emissions, which is how we've usually handled our performance measures in the past.

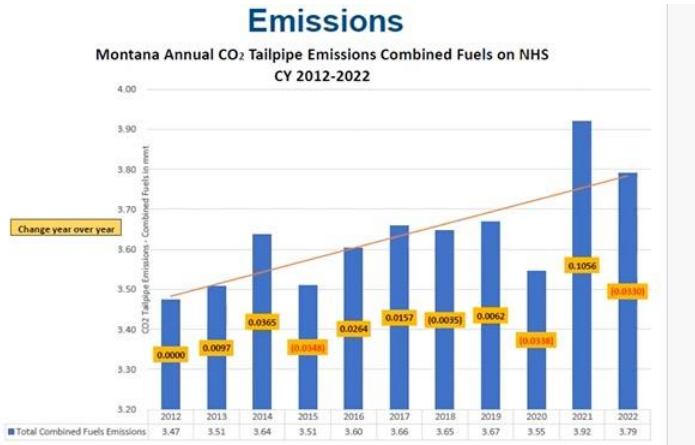


There was discussion regarding how the GHG target was arrived at. Mitch stated we are talking about a reduction from what the greenhouse gas emissions were in 202 and by 2025, we need to see a 0.1% reduction from the 2022 levels. That is why the orange bars are lower than the blue bars, and the difference is what we need to make up. Our plan is to now submit this target number to FHWA by March 29, 2024.

Achieving The GHG Target

	% of Urban NHS VMT (2022)	Projected 2025 VMT Reduction (in millions of vehicle miles)	Location	Corridor Length (miles)	2022 WAADT	2022 VMT (miles)	2022 VMT Reduction (-2.82%)
Billings	17.83%	27.90					
Great Falls	9.67%	15.14					
Missoula	20.35%	31.85					
Anaconda	0.00%	0.00					
Belgrade	4.42%	6.91					
Bozeman	8.87%	13.88					
Butte	5.13%	8.03					
Columbia Falls	2.29%	3.58	Missoula - Reserve St	5.372	32,328	173,666	-4,889
Glendive	1.55%	2.42					
Hamilton	1.56%	2.45	Billings - King Ave W	3.202	26,334	84,321	-2,374
Havre	0.92%	1.44					
Helena	6.50%	10.17					
Kalispell	9.70%	15.18					
Laurel	5.13%	8.02					
Lewistown	0.72%	1.12					
Livingston	1.60%	2.50					
Miles City	1.06%	1.66					
Sidney	0.84%	1.31	Great Falls - 10th Ave	8.363	19,969	167,000	-4,701
Whitefish	1.88%	2.94					
TOTAL	100.00%	156.49					

Mitch clarified that the 2022 Vehicle Miles Traveled (VMT) on King Ave West is 84,321. If we were to apply an equivalent reduction of approximately 3% from the 2022 VMT to get what we expect, the VMT would be a reduction of approximately 2500 vehicle miles traveled that year.



Mitch stated that over the last 10 years, emissions in Montana have been steadily increasing due to many factors, including population growth. The emission calculations are based on the amount of fuel sales and vehicle miles traveled. MDT does not anticipate those numbers to slow down or reverse on their own, actually anticipate a growing trend in emissions. The basis for the 0.1% is the rules in federal law say we must have a declining target and it must be a percentage of the 2022 baseline, rounded to the 10th decimal place. The lowest reduction we could have is 0.1% and since we have this huge growth that we've seen over the last 10 years, we felt it was most appropriate to set it at 0.1%.

Discussion: Wyeth requested clarification as to when MDT is presenting this to Federal Highways (FHWA). Mitch stated they released a memo extending the deadline for submitting initial targets to March 29, 2024.

It was requested to have TAC make a recommendation to the MPO (Planning Board) stating the Transportation Advisory Committee supports the State Target for the Montana Greenhouse Gas Performance Measures.

Motion: Wyeth Friday made a Motion, seconded by Rusty Logan that TAC is recommending the Billings MPO support the Montana Greenhouse Gas Performance Measures Targets. The Motion was carried with a unanimous vote.

6. **Future Agenda Items**
7. Adjournment 10:57AM

Brenda J Berns, Planning Clerk