

**Amarillo MPO
July 20, 2023, Revision
August 2023 Revision Cycle
2023-26 Transportation Improvement Program**

**AMARILLO METROPOLITAN PLANNING ORGANIZATION
POLICY COMMITTEE MEETING
July 20, 2023**

AMARILLO MPO TRANSPORTATION IMPROVEMENT PROGRAM 2023-2026 August 2023 REVISION			
MPO ID Number	TxDOT CSJ Number	Location/Description	Revision
<i>Transit Projects</i>			
FY 2023			
NA			
FY 2024			
A20T01S (24)	NA	Operating Expense	Update Project
A20T08S (24)	NA	ADA Paratransit	Update Project
A20T06S (24)	NA	Preventative Maintenance	Update Project
A20T04S (24)	NA	Equipment (Software)	Add Project
A20T05S (23)	NA	Bus Stop Amenities	Add Project
A20T02S (23)	NA	Replace Bus Vehicle	Add Project
FY 2025			
NA			
FY 2026			
NA			

FY 2024 TRANSIT PROJECT DESCRIPTIONS

AMARILLO TRANSPORTATION IMPROVEMENT PROGRAM

Amarillo		YOE = Year of Expenditure	
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5339
MPO Project Information (reference number, etc)	A20T05S(23)	Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$339,577
		Other Funds - Local Match	\$0
Apportionment Year	2020	Fiscal Year Cost	\$339,577
Project Phase			
Brief Project Description	Bus Stop Amenities	Total Project Cost	\$339,577
		Trans. Dev. Credits Requested (Date & Amount)	\$67,915
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5339
MPO Project Information (reference number, etc)	A20T05S(23)	Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$312,983
		Other Funds - Local Match	\$0
Apportionment Year	2021	Fiscal Year Cost	\$312,983
Project Phase			
Brief Project Description	Bus Stop Amenities	Total Project Cost	\$312,983
		Trans. Dev. Credits Requested (Date & Amount)	\$62,597
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5339
MPO Project Information (reference number, etc)	A20T02S(23)	Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$290,164
		Other Funds - Local Match	\$0
Apportionment Year	2022	Fiscal Year Cost	\$290,164
Project Phase			
Brief Project Description	Replace Bus Vehicle	Total Project Cost	\$290,164
		Trans. Dev. Credits Requested (Date & Amount)	\$58,033
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			

FY 2024 TRANSIT PROJECT DESCRIPTIONS

AMARILLO TRANSPORTATION IMPROVEMENT PROGRAM

Amarillo		YOE = Year of Expenditure	
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5339
MPO Project Information (reference number, etc)	A20T02S(23)	Federal (FTA) Funds	\$0
		State Funds from TxDOT	\$298,949
		Other Funds - Local Match	\$0
Apportionment Year	2023	Fiscal Year Cost	\$298,949
Project Phase			
Brief Project Description	Replace Bus Vehicle	Total Project Cost	\$298,949
		Trans. Dev. Credits Requested (Date & Amount)	\$59,790
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)	A20T04S(24)	Federal (FTA) Funds	\$312,000
		State Funds from TxDOT	\$0
		Other Funds - Local Match	\$78,000
Apportionment Year	2024	Fiscal Year Cost	\$390,000
Project Phase			
Brief Project Description	Equipment (Software)	Total Project Cost	\$390,000
		Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)	A20T06S(24)	Federal (FTA) Funds	\$917,825
		State Funds from TxDOT	\$0
		Other Funds - Local Match	\$229,456
Apportionment Year	2024	Fiscal Year Cost	\$1,147,281
Project Phase			
Brief Project Description	Preventative Maintenance	Total Project Cost	\$1,147,281
		Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			

FY 2024 TRANSIT PROJECT DESCRIPTIONS

AMARILLO TRANSPORTATION IMPROVEMENT PROGRAM

Amarillo		YOE = Year of Expenditure	
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)	A20T01S(24)	Federal (FTA) Funds	\$2,459,881
		State Funds from TxDOT	\$466,403
		Other Funds - Local Match	\$1,993,477
Apportionment Year	2024	Fiscal Year Cost	\$4,919,761
Project Phase			
Brief Project Description	Operating Expenses	Total Project Cost	\$4,919,761
		Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	Amarillo City Transit	Federal Funding Category	5307
MPO Project Information (reference number, etc)	A20T08S(24)	Federal (FTA) Funds	\$393,581
		State Funds from TxDOT	\$0
		Other Funds - Local Match	\$98,395
Apportionment Year	2024	Fiscal Year Cost	\$491,976
Project Phase			
Brief Project Description	ADA Paratransit Service	Total Project Cost	\$491,976
		Trans. Dev. Credits Requested (Date & Amount)	\$0
Sec 5309 ID Number	N.A.	Trans. Dev. Credits Awarded	
Amendment Date & Action			
<u>General Project Information</u>		<u>Funding Information (YOE)</u>	
Project Sponsor	NA	Federal Funding Category	
MPO Project Information (reference number, etc)	NA	Federal (FTA) Funds	
		State Funds from TxDOT	
		Other Funds - Local Match	
Apportionment Year	NA	Fiscal Year Cost	
Project Phase	NA		
Brief Project Description	NA	Total Project Cost	
		Trans. Dev. Credits Requested (Date & Amount)	
Sec 5309 ID Number	NA	Trans. Dev. Credits Awarded	
Amendment Date & Action			



Transit Financial Summary Amarillo Metropolitan Planning Organization FY 2023- 2026 Transportation Improvement Program

All Figures in Year of Expenditure (VOE) Dollars

Current as of 07/20/ 2023

Transit Program	FY 2023			FY 2024			FY 2025		
	Federal	State/Other	Total	Federal	State/Other	Total	Federal	State/Other	Total
1 Sec. 5307 - Urbanized Formula >200K	\$3,906,932	\$2,914,503	\$6,821,435	\$4,441,887	\$2,867,831	\$7,309,718	\$3,400,491	\$2,823,584	\$6,224,075
2 Sec. 5307 - Urbanized Formula <200K									
3 Sec. 5309 - Discretionary									
4 Sec. 5310 - Elderly & Individuals w/Disabilities									
5 Sec. 5311 - Nonurbanized Formula									
6 Sec. 5316 - JARC >200K									
7 Sec. 5316 - JARC <200K									
8 Sec. 5316 - JARC Nonurbanized									
9 Sec. 5317 - New Freedom >200K									
10 Sec. 5317 - New Freedom <200K									
11 Sec. 5317 - New Freedom Nonurbanized									
12 Other FTA									
13 Regionally Significant or Other		\$312,000	\$312,000						
Total Funds	\$3,906,932	\$3,226,503	\$7,133,435	\$4,441,887	\$4,109,504	\$8,551,391	\$3,400,491	\$2,823,584	\$6,224,075
Transportation Development Credits									
Requested			\$78,000			\$78,000			\$78,000
Awarded									
						\$248,335			\$248,335

All Figures in Year of Expenditure (VOE) Dollars

Transit Programs	FY 2026			FY 2023-2026 Total		
	Federal	State/Other	Total	Federal	State/Other	Total
1 Sec. 5307 - Urbanized Formula >200K	\$3,400,491	\$2,823,584	\$6,224,075	\$0	\$0	\$0
2 Sec. 5307 - Urbanized Formula <200K				\$15,149,801	\$11,429,502	\$26,579,303
3 Sec. 5309 - Discretionary				\$0	\$0	\$0
4 Sec. 5310 - Elderly & Individuals w/Disabilities				\$0	\$0	\$0
5 Sec. 5311 - Nonurbanized Formula				\$0	\$0	\$0
6 Sec. 5316 - JARC >200K				\$0	\$0	\$0
7 Sec. 5316 - JARC <200K				\$0	\$0	\$0
8 Sec. 5316 - JARC Nonurbanized				\$0	\$0	\$0
9 Sec. 5317 - New Freedom >200K				\$0	\$0	\$0
10 Sec. 5317 - New Freedom <200K				\$0	\$0	\$0
11 Sec. 5317 - New Freedom Nonurbanized				\$0	\$0	\$0
12 Other FTA				\$0	\$0	\$0
13 Regionally Significant or Other				\$0	\$1,553,673	\$1,553,673
Total Funds	\$3,400,491	\$2,823,584	\$6,224,075	\$15,149,801	\$12,983,175	\$28,132,976
Transportation Development Credits						
Requested			\$0			\$217,800
Awarded						

Integration of Performance Measures into the Amarillo MPO FY 2023-FY 2026 Transportation Improvement Program

Introduction

What started out as part of Moving Ahead for Progress in the 21st Century (MAP-21) and continued in the Fixing America's Surface Transportation (FAST) Act and is now the Infrastructure Investment and Jobs Act. The State DOT's and Metropolitan Planning Organizations (MPOs) are required to move toward a performance-based planning process. This process uses a project selection process with emphasis on specific planning factors. The Amarillo MPO also considers the following performance measures in addition to its scoring criteria. Under MAP-21 the States are required to set performance targets for safety, Transit Asset Management (TAM), Pavement and Bridge condition, and System performance measures.

A TIP that is amended after October 1, 2018, must meet the federal Performance Based Planning and Programming requirements to be approved. Amarillo MPO is proposing an amendment to its approved FY 2023-2026 TIP. This amendment contains a Transportation project revision. This revision is to add a project that is now fully funded.

Highway Safety (PM1)

The Texas Department of Transportation (TxDOT) established their safety targets to support the Strategic Highway Safety Plan (SHSP) and the Highway Safety Improvement Program (HSIP). Once the State set their safety targets the MPO's in Texas had 180 days to establish their targets. The MPO's could either adopt the TxDOT targets or establish their own targets to that would help achieve the statewide targets. The Amarillo MPO chose to adopt TxDOT's targets. These targets for 2023 are:

- Number of Fatalities: 3682
- Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT): 1.38
- Number of Serious Injuries: 17062
- Rate of Serious Injuries per 100 million VMT: 6.39
- Number of Non- Motorized Fatalities and Non-Motorized Serious Injuries: 2357

It is anticipated that all of the individually listed projects in the original 2023-2026 TIP have an impact on safety. They all will aid in achieving the safety targets.

Transit Asset Management (TAM)

Performance measures were also added to address Transit agency performance. This was done primarily through the Transit Asset Management assessment and planning requirements. Amarillo City Transit (ACT) developed a TAM plan to meet this requirement. All assets owned by ACT were examined using the Federal Transit Administration (FTA) Transit Economic Requirement Model (TERM). The term scale is from one to five to determine the quality of the asset. The scale is as follows:

- 1= Poor The asset is critically damaged or in need of repair, well past useful life.
2= Marginal Defective or deteriorated in need of replacement; exceeded useful life.

- 3= Adequate Moderately deteriorated or defective; has not exceeded useful life.
- 4= Good Good Condition, no longer new, may be slightly defective/deteriorated but is functional.
- 5= Excellent No visible defects, new or near new, may still be under warranty if applicable.

An asset is deemed to be in good repair if it has a rating of 3, 4, or 5 on this scale. Similarly, a facility is deemed not to be in good repair if it has a rating of 1 or 2. Using this scale ACT evaluated rolling stock, equipment, and facilities. The results are listing below:

- ACT plans to dispose of 3 cutaway buses that are past their useful life.
- ACT will receive one maintenance truck this year. This will meet the goal of 44.44%.
- ACT plans to construct a new transfer terminal which is planned to be completed next fiscal year, with this action all of their facilities are above 3 on the TERM scale.

The TAM targets for the 2023 year are listed below:

- Rolling Stock 3.57%
- Equipment 44.44%
- Facilities 33.33%

Pavement and Bridge Condition (PM2)

Amarillo MPO will prioritize projects that support the adopted TxDOT performance measures and targets to maintain the condition of roads and bridges. The road pavement and bridge performance targets are found below:

Performance Measure	Baseline	2024 Target	2026 Target
Pavement on IH			
% in "good" Condition	64.5%	63.9%	63.6%
% in "poor" Condition	0.1%	0.2%	0.2%
Pavement on non-IH NHS			
% in "good" Condition	51.7%	45.5%	46.0%
% in "poor" Condition	1.3%	1.5%	1.5%

Performance Measure	Baseline	2024 Target	2026 Target
NHS Bridge Deck Condition			
% in "poor" Condition	1.1%	1.5%	1.5%
% in "good" Condition	49.2%	48.5%	47.6%

The projects contained in the original FY 2023-2026 TIP, as well as the MPO's Grouped CSJ projects include:

- The upgrade of the northwest quadrant of SL 335 from 2 lanes to 4 four lane divided
- Overlay on IH 40 from Nelson St to US 287split
- Overlay of SL 335 from 81st Ave to IH 40
- Hazard elimination and highway improvements on I-27

System Performance Measures (PM3)

Amarillo MPO will prioritize projects that support the adopted TxDOT performance measures and targets to maintain system performance. The system performance targets are found below:

Performance Measure	Statewide Baseline	2024 Target	2026 Target
National Highway System Travel Time Reliability			
Interstate Highway System Level of Travel Time Reliability	84.6%	70.0%	70.0%
Non-Interstate Level of Travel Time Reliability	90.3%	70.0%	70.0%
Truck Travel Time Reliability	1.39	1.55	1.55

Amarillo MPO will prioritize projects with a level of Travel Time Reliability and Truck Travel Time Reliability has shown above.

Conclusion

The Amarillo MPO had originally adopted Safety Measures and Targets in January 2018 and the latest Targets were adopted in January 2023; and adopted the City of Amarillo’s transit state of good repair targets on July 19, 2018, and the latest state of good repair targets were adopted on January 2023. The PM2 Road and Bridge targets were adopted in October of 2018 and the latest targets were adopted in July 2023. The PM3 System performance targets were adopted in December of 2018 and latest targets were adopted in July 2023. The Amarillo MPO Transportation Policy Committee is committed to support, plan and program funding for projects and programs that contribute to the accomplishments of the performance targets. The MPO, along with its partners will continue to monitor the established targets for all performance measures and report achievements in accordance with scheduled reporting periods.

Project Matrix for Benefits to Performance Measure

	PM1: Safety Targets	PM2: Infrastructure Condition Targets	PM3: System Reliability Targets	TAM Targets
A20T01S(24)				✓
A20T02S(24)				✓
A20T04S(24)				✓
A20T05S(24)				✓
A20T06S(24)				✓
A20T08S(24)				✓

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