

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

**AMARILLO METROPOLITAN PLANNING ORGANIZATION
POLICY COMMITTEE MEETING**

AMARILLO MPO TRANSPORTATION IMPROVEMENT PROGRAM 2023-2026			
August 2023 Revision Cycle			
<i>July 20, 2023</i>			
<i>MPO ID Number</i>	<i>TxDOT CSJ Number</i>	<i>Location/Description</i>	<i>Revision</i>
Roadway Projects			
<i>FY 2023</i>			
<i>FY 2024</i>			
A20021-000	0168-09-083	IH 27 from SL 335 to North of US 60/ US 87 Interchange; Widen Freeway from 4-Lanes to 6-Lanes	Add Project
A20021-001	0067-17-032	IH 27 from North of US 60/ US 87 Interchange to South of US 60/ US 87 Interchange; Reconstruct US 60/ US 87 Interchange	Add Project
<i>FY 2025</i>			
<i>FY 2026</i>			

Individual Listed Projects
Grouped Projects That Do Not Require Action

MONDAY, JUNE 26, 2023
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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
AMARILLO MPO - HIGHWAY PROJECTS
FY 2024

DISTRICT	MPO	COUNTY	CSJ	TIP FY	HWY	PHASE	CITY	YOE COST
AMARILLO	AMARILLO	RANDALL	0168-09-083	2024	IH 27	C	OTHER	\$ 222,963,384
LIMITS FROM SL 335							PROJECT SPONSOR City of Amarillo	
LIMITS TO North of US 60/US 87 Interchange							REVISION DATE 08/2023	
PROJECT Widen Freeway from 4-Lanes to 6-Lanes							MPO PROJ NUM A20021-000	
DESCR							FUNDING CAT(S) 12_TTC,2,4U	
REMARKS							PROJECT HISTORY	
P7								
TOTAL PROJECT COST INFORMATION			AUTHORIZED FUNDING BY CATEGORY/SHARE					
PREL ENG \$	8,675,354	CATEGORY	FEDERAL	STATE	REGIONAL	LOCAL MATCH	LC	TOTAL
ROW PURCH \$	3,161,850	12_TTC	\$ 133,291,655	\$ 33,322,914	\$ 0	\$ 0	0	\$ 166,614,569
CONSTR \$	222,963,384	2	\$ 32,820,210	\$ 8,205,053	\$ 0	\$ 0	0	\$ 41,025,263
CONST ENG \$	10,410,425	4U	\$ 12,258,842	\$ 3,064,710	\$ 0	\$ 0	0	\$ 15,323,552
CONTING \$	4,273,018	TOTAL	\$ 178,370,707	\$ 44,592,677	\$ 0	\$ 0	0	\$ 222,963,384
INDIRECT \$	5,134,393							
BOND FIN \$	0							
PT CHG ORD \$	4,273,018							
TOTAL CST \$	258,891,442							
DISTRICT	MPO	COUNTY	CSJ	TIP FY	HWY	PHASE	CITY	YOE COST
AMARILLO	AMARILLO	RANDALL	0067-17-032	2024	IH 27	C	AMARILLO	\$ 41,566,466
LIMITS FROM North of US 60/US 87 Interchange							PROJECT SPONSOR City of Amarillo	
LIMITS TO South of US 60/ US 87 Interchange							REVISION DATE 08/2023	
PROJECT Reconstruct US 60/ US 87 Interchange							MPO PROJ NUM A20021-001	
DESCR							FUNDING CAT(S) 12_TTC,2,4U	
REMARKS							PROJECT HISTORY	
P7								
TOTAL PROJECT COST INFORMATION			AUTHORIZED FUNDING BY CATEGORY/SHARE					
PREL ENG \$	979,887	CATEGORY	FEDERAL	STATE	REGIONAL	LOCAL MATCH	LC	TOTAL
ROW PURCH \$	203,120	12_TTC	\$ 25,604,943	\$ 6,401,236	\$ 0	\$ 0	0	\$ 32,006,179
CONSTR \$	41,566,466	2	\$ 6,118,584	\$ 1,529,646	\$ 0	\$ 0	0	\$ 7,648,230
CONST ENG \$	1,163,866	4U	\$ 1,529,646	\$ 382,411	\$ 0	\$ 0	0	\$ 1,912,057
CONTING \$	716,913	TOTAL	\$ 33,253,173	\$ 8,313,293	\$ 0	\$ 0	0	\$ 41,566,466
INDIRECT \$	579,933							
BOND FIN \$	0							
PT CHG ORD \$	716,913							
TOTAL CST \$	45,927,098							

PHASE: C = CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER

2023-2026 TIP

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N

Amarillo

A20021-000

A20021-001

AMARILLO MPO PROJECTS

- County Line
- Amarillo City Limits
- MPO Study Boundary



Amarillo Metropolitan Planning Organization
Initial FY 2023 - 2026 Transportation Improvement Program

Funding by Category

Funding Category	Description	FY 2023		FY 2024		FY 2025		FY 2026		Total FY 2023 - 2026	
		Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	\$11,434,500	\$11,434,500	\$0	\$0	\$0	\$0	\$0	\$0	\$11,434,500	\$11,434,500
2M or 2U	Urban Area (Non- TMA) Corridor Projects	\$25,020,000	\$25,020,000	\$48,673,493	\$48,673,493	\$0	\$0	\$0	\$0	\$73,693,493	\$73,693,493
3	Non-Traditionally Funded Transportation Project	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3DB	Design Build (DB)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Urban and Regional Connectivity	\$27,960,000	\$27,960,000	\$17,235,609	\$17,235,609	\$0	\$0	\$0	\$0	\$45,195,609	\$45,195,609
5	CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures - Bridge	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	TAP Set-Aside Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Supplemental Transportation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10 CBI	Corridor Border	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	District Discretionary	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Energy Sector	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Texas Clear Lanes	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Strategic Priority	\$31,259,063	\$31,259,063	\$198,620,748	\$198,620,748	\$0	\$0	\$0	\$0	\$229,879,811	\$229,879,811
SW PE	Statewide Budget PE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW ROW	Statewide Budget ROW	\$8,656,059	\$8,656,059	\$0	\$0	\$0	\$0	\$0	\$0	\$8,656,059	\$8,656,059
Total		\$104,329,622	\$104,329,622	\$264,529,850	\$264,529,850	\$0	\$0	\$0	\$0	\$368,859,472	\$368,859,472

Funding Participation Source

Source	FY 2023	FY 2024	FY 2025	FY 2026	Total FY 23-26
Federal	\$83,331,530	\$211,623,880	\$0	\$0	\$294,955,410
State	\$20,240,187	\$52,905,970	\$0	\$0	\$73,146,157
Local Match	\$757,905	\$0	\$0	\$0	\$757,905
CAT 3 - Local Contributions (LC)	\$0	\$0	\$0	\$0	\$0
CAT 3 - DB	\$0	\$0	\$0	\$0	\$0
CAT 3 - Prop 14 Bonds	\$0	\$0	\$0	\$0	\$0
CAT 3 - Texas Mobility Fund	\$0	\$0	\$0	\$0	\$0
CAT 3 - Vehicle Registration Fees - VTR	\$0	\$0	\$0	\$0	\$0
CAT 3 - RTR	\$0	\$0	\$0	\$0	\$0
CAT 3 - PTF	\$0	\$0	\$0	\$0	\$0
CAT 3 - TDC	\$0	\$0	\$0	\$0	\$0
Statewide Budget PE	\$0	\$0	\$0	\$0	\$0
Statewide Budget ROW	\$0	\$0	\$0	\$0	\$0
Total	\$104,329,622	\$264,529,850	\$0	\$0	\$368,859,472

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 or 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
A20021-000	✓	✓	✓	
A20021-001	✓	✓	✓	

