

## **2023-2026 Transportation Improvement Program – Amendment #6 and Program of Projects for the Lawrence Transit System**

The 15-day public comment period for this TIP Amendment starts on January 16 and will end on January 31. This TIP Amendment will come before the Lawrence-Douglas County Metropolitan Planning Organization (MPO) Policy Board for approval on February 15, 2024. The TIP is a multi-year listing of federally funded and/or regionally significant transportation improvement projects. This public notice on the TIP development process satisfies the FTA's Program of Projects requirements for the Lawrence Transit System.

Approval of this TIP Amendment will include the addition and revision of costs and schedules for roadway, and bicycle/pedestrian projects. Changes to the TIP text and project tables are being made to reflect these changes and to maintain the fiscally constrained status of this document. Public comments received will be reported and considered by the MPO Policy Board where decisions pertaining to revising this document will be made prior to final approval.

The items included in this TIP Amendment can be viewed online at:

[www.lawrenceks.org/mpo/tip](http://www.lawrenceks.org/mpo/tip); a paper copy will be available at Lawrence City Hall Riverfront - Planning & Development Services Office (1 Riverfront Plaza, Suite 320).

Written comments may be emailed to [mpo@lawrenceks.org](mailto:mpo@lawrenceks.org) or mailed to the Lawrence-Douglas County Metropolitan Planning Organization, PO Box 708, Lawrence, KS 66044-0708.

# G | Summary of TIP Changes

## APPENDIX G

Costs in 1,000s

### FFY 2023 - 2026 L-DC MPO Transportation Improvement Program (TIP)

#### Revision Summary: Amendment 6



TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
701		12th Street Safety Action Plan	City of Eudora	New	Supplemental Planning and Demonstration Activities in support of development of the Vision Zero Safety Action Plan for 12th Street in Eudora.	\$125
146		11th St. - Indiana to Ohio; Louisiana - 11th to 12th Reconstruction	Lawrence	Revision	Increase 2024 Local CONST from \$2,000 to \$3,300.	\$3,450
151		Iowa St 23rd St to Irving Hill Rd Reconstruction MS1-00003	Lawrence	Revision	Add 2024 Local PE of \$275, Increase Local CONST for both 2024 and 2025.	\$7,500
214		Wakarusa Dr. Reconstruction: Research Pkwy to 23rd St	Lawrence	Revision	Increase 2023 Local CONST from \$7,600 to \$9,700	\$10,100
507		Various Lawrence Bike/Sidewalk/ADA Ramps Projects	Lawrence	Revision	Increase 2024 Local CONST from \$675 to \$700, 2025 Local CONST from \$675 to \$725, and 2026 Local CONST from \$675 to \$750.	\$5,350
516	TE-0499-01	Lawrence Loop Shared Use Path: Michigan St. to Sandra Shaw Park	Lawrence	Revision	Change FFY from 2022 and 2023 to 2024	\$1,451
520		Lawrence Loop - Iowa Crossing	Lawrence	Revision	Revise 2023 Local PE from \$248 to \$0, 2024 Local CONST State from \$0 to \$1,500 and reduce Local to \$0, and 2924 State CONST from \$1,320 to \$1,500	\$3,000
608	KA-6282-01	Signal Improvement at US24/US40/US59 near Lawrence	KDOT	Revision	Change fund source from State to Federal	\$384

**Public Comment Period: 1/16/2024 to 1/31/2024**

**MPO Policy Board Approval: 02/15/2024**

**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 146      **KDOT #**

**Length (mi):** 0.25

**Project Type:** Road

**Date Added:** 10/2021      **Last Revised:** 01/2024

**Description:**  
 11th St (Indiana to Ohio) including concrete pavement, storm sewer, bike/ped improvements & sanitary sewer improvements at 11th/Ohio.

Louisiana St (11th to 12th St) including concrete pavement, storm sewer, bike/ped improvements.

**Project Name:** 11th St. - Indiana to Ohio; Louisiana - 11th to 12th Reconstruction

**Location:** 11th St. - Indiana St. to Ohio St. & Louisiana St. - 11th St. to 12th St.

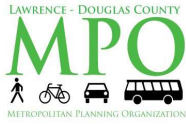
**Work Type:** Reconstruction

**Revision History:** FFY23 A6

**Comments:**  
 Street is in failing condition (PCI = 27) and poor subgrade conditions require complete reconstruction. 11th Street is a collector street and on transit route.

FFY	Fund Source	Phase	Federal	State	Local
2022	Local	PE	\$0	\$0	\$150
2024	Local	CONST	\$0	\$0	\$3,300

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$3,450	<b>Grand Total:</b>	\$3,450
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Lawrence-Douglas County MPO  
FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)

(Includes the Program of Projects for the Lawrence Transit System)

Project Sponsor: Lawrence

TIP #: 148

Length (mi): 1.50

Project Type: Road

Date Added: 10/2022

Description: Reconstruction of Bob Billings from Kasold to Monterrey Way including new pavement, storm sewer, waterline, sidewalks and bike facility.

KDOT #

Last Revised: 01/2024

Project Name: Bob Billings - Kasold to Wakarusa Dr.

Location: Bob Billings - Kasold to Monterrey Way

Work Type: Reconstruction

Revision History:

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2025	Local	PE	\$0	\$0	\$500
2026	Local	PE	\$0	\$0	\$500
2026	Local	ROW	\$0	\$0	\$100
Federal Total:			\$0	Non-Federal Total:	\$1,100
				Grand Total:	\$1,100

FFY2023 TIP

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**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 151      **KDOT #**

**Length (mi):** 0.75

**Project Type:** Road

**Date Added:** 11/2023      **Last Revised:** 01/2024

**Description:**  
 Full reconstruction of Iowa St including concrete pavement, curb and gutter, sidewalk and shared use path, storm sewer replacement, and waterline crossing replacement.

**Project Name:** Iowa St 23rd St to Irving Hill Rd  
 Reconstruction MS1-00003

**Location:** Iowa St from 23rd St to Irving Hill Rd

**Work Type:** Reconstruction

**Revision History:** FFY23 A6

**Comments:**  
 The design will meet the City's Design Criteria for an arterial street, replace the road section in its current alignment, and will incorporate the Complete Streets Policy. Iowa St is US Hwy 59, concurrent KDOT review. KDOT CCLIP GI fund sought spring 24

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	PE	\$0	\$0	\$150
2024	Local	PE	\$0	\$0	\$275
2024	Local	CONST	\$0	\$0	\$975
2025	Local	CONST	\$0	\$0	\$6,100

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$7,500	<b>Grand Total:</b>	\$7,500
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**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 214      **KDOT #**

**Length (mi):** 1.47

**Project Type:** Road

**Date Added:** 01/2024  
**Last Revised:** 02/2024

**Description:**  
 Reconstruction of street will include subgrade treatment, surfacing, storm sewer, geometric improvements, and multimodal facilities.

**Project Name:** Wakarusa Dr. Reconstruction: Research Pkwy to 23rd St

**Location:** Wakarusa: Research Pkwy to 23rd St

**Work Type:** Reconstruction

**Revision History:** FFY23 A6

**Comments:**  
 Extend project limits from 18th St to 23rd St.

FFY	Fund Source	Phase	Federal	State	Local
2021	Local	PE	\$0	\$0	\$400
2023	Local	CONST	\$0	\$0	\$9,700

**Federal Total:** \$0      **Non-Federal Total:** \$10,100      **Grand Total:** \$10,100

**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 507 **KDOT #**

**Length (mi):** 0.00

**Project Type:** Pedestrian & Bicycle

**Date Added:** 10/2018  
**Last Revised:** 01/2024

**Description:**  
 Pedestrian, Bicycle, & ADA ramp projects throughout Lawrence including in EJ areas. Community Development Block Grant (CDBG) is a HUD program administered by the Lawrence Development Services Dept. The City is allocated a % of CDBG funding each year.

**Project Name:** Various Lawrence Bike/Sidewalk/ADA Ramps Projects

**Location:** Lawrence

**Work Type:** Pedestrian & Bicycle Work

**Revision History:** FFY23 A6

**Comments:**  
 The CDBG is an estimate of anticipated funding. CONST funding may be used for additional work tasks. Local funding for ADA ramps at \$325k/yr & Bike/Ped Program at \$675k/yr. Local funding matching TA project specific funding will be listed separately.

FFY	Fund Source	Phase	Federal	State	Local
2023	CDBG	CONST	\$300	\$0	\$0
2023	Local	CONST	\$0	\$0	\$675
2023	Local	CONST	\$0	\$0	\$325
2024	CDBG	CONST	\$300	\$0	\$0
2024	Local	CONST	\$0	\$0	\$700
2024	Local	CONST	\$0	\$0	\$325
2025	CDGB	Const	\$300	\$0	\$0
2025	Local	CONST	\$0	\$0	\$725
2025	Local	CONST	\$0	\$0	\$325
2026	CDGB	Const	\$300	\$0	\$0
2026	Local	CONST	\$0	\$0	\$750
2026	Local	CONST	\$0	\$0	\$325

**Federal Total:** \$1,200

**Non-Federal Total:** \$4,150

**Grand Total:** \$5,350

**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 516      **KDOT #** TE-0499-01

**Length (mi):** 0.47

**Project Type:** Transportation Alternative

**Date Added:** 4/2021  
**Last Revised:** 02/2024

**Description:**  
 Design and construction of 10' shared use path.

**Project Name:** Lawrence Loop Shared Use Path: Michigan St. to Sandra Shaw Park

**Location:** Begins at Michigan St., 1/2 mile north of W 2nd St., ends at Sandra Shaw Park

**Work Type:** Pedestrian & Bicycle Work

**Revision History:** FFY23 A6

**Comments:**  
 KDOT TA project, FY23:80% construction match

FFY	Fund Source	Phase	Federal	State	Local
2021	Local	PE	\$0	\$0	\$150
2024	Local	ROW	\$0	\$0	\$525
2024	Local	CONST	\$0	\$0	\$193
2024	TA	CONST	\$773	\$0	\$0

**Federal Total:** \$773

**Non-Federal Total:** \$868

**Grand Total:** \$1,641



**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** Lawrence

**TIP #:** 520      **KDOT #**

**Length (mi):** 0.03

**Project Type:** Pedestrian/Bicycle

**Date Added:** 10/2022      **Last Revised:** 02/2024

**Description:**  
 Construct a grade-separated crossing for the Lawrence Loop Trail at Iowa Street. Currently, non-motorized users of the Lawrence Loop cross five lanes of vehicular traffic on Iowa Street (US Highway 59) to continue on the trail.

**Project Name:** Lawrence Loop - Iowa Crossing

**Location:** Iowa Street at K10

**Work Type:** Pedestrian & Bicycle Work

**Revision History:** FFY23A6

**Comments:**  
 This project is the third highest scoring bike project in the Non-motorized Projects Prioritization Policy and would significantly improve safety at this highly utilized trail crossing.

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	PE	\$0	\$0	\$0
2024	Local	CONST	\$0	\$1,500	\$330
2024	State	CONST	\$0	\$1,500	\$0

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$3,330	<b>Grand Total:</b>	\$3,330
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**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** KDOT

**TIP #:** 608 **KDOT #** KA-6282-01

**Length (mi):** 0.00

**Project Type:** ITS

**Date Added:** 10/2022  
**Last Revised:** 01/2024

**Description:**  
 Upgrade traffic signals to LED with battery backup, adding flashing yellow arrow to permissive lefts and install retro-reflective backplates

**Project Name:** Signal Improvement at US24/US40/US59 near Lawrence

**Location:** US24/US40/US59 intersection 394.324 - 394.325

**Work Type:** Signal

**Revision History:** FFY23 A6

**Comments:**  
 Revised letting date from October 2022 to May 2023. U.S. 24/ U.S. 40/U.S. 59 intersection located north of Lawrence

FFY	Fund Source	Phase	Federal	State	Local
2021	Federal	PE	\$13	\$0	\$0
2023	Federal	CONST	\$173	\$0	\$0

**Federal Total:** \$186  
**Non-Federal Total:** \$0  
**Grand Total:** \$186

**Lawrence-Douglas County MPO**  
**FFY 2023 - 2026 Transportation Improvement Program Projects (Costs in 1,000s)**

(Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** City of Eudora

**TIP #:** 701 **KDOT #**

**Length (mi):** 1.00

**Project Type:** Safety

**Date Added:** 01/2024  
**Last Revised:** 02/2024

**Description:**  
 Supplemental Planning and  
 Demonstration Activities in support of  
 development of the Vision Zero Safety  
 Action Plan for 12th Street in Eudora.

**Project Name:** 12th Street Safety Action Plan

**Location:** Eudora, 12th Street from Tall Grass  
 Drive to Winchester Road

**Work Type:** Safety Planning

**Revision History:** FFY23 A6

**Comments:**  
 This scope of this project is planning and  
 demonstration activities to enhance the safety of  
 motorized and non-motorized users of 12th Street,  
 the predominant east-west minor collector in  
 Eudora.

FFY	Fund Source	Phase	Federal	State	Local
2023	NHPP	OTHER	\$100	\$0	\$0
2023	State	OTHER	\$0	\$18	\$0
2023	Local	OTHER	\$0	\$0	\$7

<b>Federal Total:</b>	\$100	<b>Non-Federal Total:</b>	\$25	<b>Grand Total:</b>	\$125
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## Demonstration of Fiscal Constraint

TIPs are required to have a four year fiscally constrained program of projects. Fiscally constrained means enough financial resources are available to fund projects listed in the TIP. Fiscal constraint also makes good sense.

The MPO accounts for O&M expenditures "Off the Top" from available funding before projects are programmed (Table 8). This ensures there is enough funding to operate, maintain, and preserve the existing transportation system (including roads, bridges, and transit services), which is a high priority of T2040.

**Table 8: Funding Available for Projects after Accounting for all O&M Expenditures (in \$1,000s)**

	Subtracting O&M "Off the Top" (in thousands)				
	FFY 2023	FFY 2024	FFY 2025	FFY 2026	Total
Anticipated Funding	\$ 155,623	\$ 290,359	\$ 206,254	\$ 123,167	\$ 775,404
Anticipated O&M Expenditures	\$ 29,839	\$ 27,818	\$ 28,412	\$ 30,487	\$ 116,556
<b>Funding Available for Projects</b>	<b>\$ 125,785</b>	<b>\$ 262,542</b>	<b>\$ 177,841</b>	<b>\$ 92,680</b>	<b>\$ 658,848</b>

This TIP document provides realistic cost and funding estimates for improvement projects in the first two years of the fiscal constraint period (2023 and 2024). Predicting the revenues which will be available and costs for projects in the second half of that period (2025 and 2026) are a more speculative exercise.

Financial data was collected as part of development of Transportation 2050. The Funding Summary in Table 9 shows the level of projected funding from reasonable sources and the total level of project funding programmed in this TIP are balanced and this TIP is fiscally constrained. The fiscal breakdown by funding source for all roadway and transit projects listed in the 2023-2026 TIP are shown in the table. The projects are shown by year and funding source.

**Table 9: Funding Summary (in \$1,000s )**

Anticipated Funding (in thousands)						
Funding Source		FFY 2023	FFY 2024	FFY 2025	FFY 2026	Total
Transit	Federal	\$ 10,317	\$ 10,603	\$ 6,691	\$ 7,805	\$ 35,416
	State	\$ 3,920	\$ 2,221	\$ 2,222	\$ 2,222	\$ 10,584
	Local	\$ 23,979	\$ 10,691	\$ 11,891	\$ 11,234	\$ 57,794
Non-Transit	Federal	\$ 5,079	\$ 5,489	\$ 35,354	\$ 3,768	\$ 49,690
	State	\$ 37,847	\$ 194,867	\$ 84,756	\$ 38,733	\$ 356,202
	Local	\$ 44,643	\$ 38,673	\$ 36,928	\$ 28,917	\$ 149,161
Transit Total		\$ 38,215	\$ 23,514	\$ 20,804	\$ 21,261	\$ 103,794
Non-Transit Total		\$ 87,569	\$ 239,028	\$ 157,037	\$ 71,419	\$ 555,054
Grand Total		\$ 125,785	\$ 262,542	\$ 177,841	\$ 92,680	\$ 658,848

Anticipated funding is based on the revenue assumptions being prepared for Transportation 2050 and information provided by jurisdictions. Local transit funds include KU on Wheels funding. 1.5% growth is applied to the funding and the 2017 Lawrence sales tax referendum (funds roads/infrastructure and transit service) is assumed to be renewed thru 2050 for these projections. Advanced Construction Conversion converts state funding to federal funding.

Estimated Expenditures by Year and Funding Source (in thousands)							
Funding Source			FFY 2023	FFY 2024	FFY 2025	FFY 2026	Total
Transit	Federal Funds	FTA 5307	\$ 7,176	\$ 4,606	\$ 5,067	\$ 5,574	\$ 22,423
		FTA 5304	\$ -	\$ 120	\$ -	\$ -	\$ 120
		FTA 5310	\$ 122	\$ 122	\$ -	\$ -	\$ 244
		FTA 5311	\$ -	\$ -	\$ -	\$ -	\$ -
		FTA 5339	\$ 2,706	\$ 273	\$ 1,624	\$ -	\$ 4,603
	State-PT		\$ 1,155	\$ 1,155	\$ 1,155	\$ 1,155	\$ 4,620
	Local		\$ 15,746	\$ 10,196	\$ 10,760	\$ 10,914	\$ 47,616
Non-Transit	Federal Funds	CDBG	\$ 300	\$ 300	\$ 300	\$ 300	\$ 1,200
		HRRR	\$ -	\$ -	\$ -	\$ -	\$ -
		HSIP	\$ 1,673	\$ 500	\$ -	\$ -	\$ 2,173
		NHPP	\$ -	\$ -	\$ 13,739	\$ -	\$ 13,739
		STP	\$ -	\$ -	\$ -	\$ -	\$ -
		TA	\$ 727	\$ 3,331	\$ -	\$ -	\$ 4,058
		CRP	\$ 468	\$ -	\$ -	\$ -	\$ 468
		SS4A	\$ 260	\$ -	\$ -	\$ -	\$ 260
		NII	\$ -	\$ 1,358	\$ 1,446	\$ -	\$ 2,804
	State		\$ 21,958	\$ 194,866	\$ 84,756	\$ 3,000	\$ 304,580
	State AC Conversion*		\$ (500)	\$ (500)	\$ (13,739)	\$ -	\$ (14,739)
	Local		\$ 12,244	\$ 14,287	\$ 10,549	\$ 6,649	\$ 43,729
	Transit Total			\$ 26,905	\$ 16,472	\$ 18,606	\$ 17,643
Non-Transit Total			\$ 37,630	\$ 214,642	\$ 110,790	\$ 9,949	\$ 373,011
Grand Total			\$ 64,535	\$ 231,114	\$ 129,396	\$ 27,592	\$ 452,637

\*State AC Conversions are negative because the State is receiving federal reimbursement for funds spent in previous years (as noted in the project listing).

\*\* While CDBG funding is not required to be in this TIP, it is part of #507 which includes various bike/sidewalk/ADA ramps projects in Lawrence.