

2023-2026 Transportation Improvement Program – Amendment #4 and Program of Projects for the Lawrence Transit System

The 15-day public comment period for this TIP Amendment starts on September 6 and will end on September 22. This TIP Amendment will come before the Lawrence-Douglas County Metropolitan Planning Organization (MPO) Policy Board for approval on October 19, 2023. 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, bicycle/pedestrian projects, and transit 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; 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 or mailed to the Lawrence-Douglas County Metropolitan Planning Organization, PO Box 708, Lawrence, KS 66044-0708.

Draft TIP document begins on next page →

G | Summary of TIP Changes

APPENDIX G

Costs in 1,000s



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

Revision Summary: Amendment 4

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
104		Church Street Community Connectivity & Multimodal Enhancements	City of Eudora	New	Program 2024 NII PE \$1358, 2025 NII ROW \$500, 2026 NII UTIL \$946	\$21,251
105	KA-7201-01	Repair Bridge #065 on US-59 in Douglas County	KDOT	New	Program 2023 State PE 47 and 2025 State CONST 516	\$563
402	PT-0904-23	Equitable and Accessible Bus Stop Improvements	Lawrence Transit	New	Program 2024 5310 CAP \$122 and 2024 Local CAP \$31	\$153
404	PT-0902-24	Transit Zero Emission Transition Plan	Lawrence Transit	New	Program 2024 State PE \$120 and 2024 Local PE \$30	\$150
405	PT-3905-23	Cart-Friendly Flip-Seat Retrofit	Lawrence Transit	New	Program 2024 5339 CAP \$32 and 2024 Local \$8	\$40
406	PT-3905-23	Joint Branding Bus Wraps	Lawrence Transit	New	Program 2024 5339 CAP \$241 and 2024 Local \$60	\$301
407	PT-3905-23	Downtown Station	Lawrence Transit	New	Program 2025 5339 CONST \$1624 and 2025 Local \$406	\$2,030
408	PT-3905-23	Bus Technology	Lawrence Transit	New	Program 2023 5339 CAP \$365 and 2023 Local CAP \$91	\$456
409	PT-3905-23	GTFS - real time	Lawrence Transit	New	Program 2023 5339 OTHER \$40 and 2023 Local OTHER \$10	\$50
411	PT-0687-23	Microtransit	Lawrence Transit	New	Program 2023 State OP \$124 and 2023 Local OP \$34	\$158

Public Comment Period: 9/6/2023 to 9/21/2023

MPO Policy Board Approval: 10/19/2023



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 #: 104 **KDOT #**

Length (mi): 1.40

Project Type: Road

Date Added: 10/2023 **Last Revised:** 10/2023

Description:
Reconstruct 1.4 miles of Church St and conversion of 2 lane segment to 3 lane with center turn lane. Realignment of the 20th St. intersection, new roundabouts at 20th and 23rd St. intersections. Shared use path across K-10 and both sides of Church St.

Project Name: Church Street Community Connectivity & Multimodal Enhancements

Location: Eudora - Church Street from 15th to 28th Street

Work Type: Road, Geometric Improvement, Pedestrian/Bicycle, Safety

Revision History: FFY23A4

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2024	NII	PE	\$1,358	\$0	\$0
2025	NII	ROW	\$500	\$0	\$0
2025	NII	UTIL	\$946	\$0	\$0

Federal Total:	\$2,804	Non-Federal Total:	\$0	Grand Total:	\$2,804
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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 #: 105 **KDOT #** KA-7201-01

Length (mi): 0.00

Project Type: Bridge

Date Added: 10/2023
Last Revised: 10/2023

Description:
Milling, patch deck and concrete overlay

Project Name: Repair Bridge #065 on US-59 in Douglas County

Location: US-59: Bridge #065 (Wakarusa River)
located 8.97 miles north of US-56

Work Type: Bridge Rehabilitation, Mill/Overlay

Revision History: FFY23A4

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	State	PE	\$0	\$47	\$0
2025	State	CONST	\$0	\$516	\$0

Federal Total: \$0

Non-Federal Total: \$563

Grand Total: \$563



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 Transit
TIP #: 402 **KDOT #** PT-0904-23
Length (mi): 0.00

Project Name: Equitable and Accessible Bus Stop Improvements
Location: Various locations

FFY	Fund Source	Phase	Federal	State	Local
2024	5310	CAP	\$122	\$0	\$0
2024	Local	CAP	\$0	\$0	\$31

Project Type: Transit/Paratransit

Work Type: Capital

Date Added: 10/2023 **Last Revised:** 10/2023

Revision History: FFY23A4

Description:
Improve 25 bus stops in EJ zones with amenities and ADA accessibility

Comments:
Bus stops are often the first interaction that someone has with the Lawrence Transit bus system. Bus stops should be easy to find, accessible for all, comfortable to wait at, and contribute to an aesthetically pleasing streetscape.

Federal Total:	\$122	Non-Federal Total:	\$31	Grand Total:	\$153
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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 Transit
TIP #: 404 **KDOT #** PT-0902-24
Length (mi): 0.00

Project Name: Transit Zero Emission Transition Plan

Location:

Project Type: Transit/Paratransit

Work Type: Planning

Date Added: 10/2023 **Last Revised:** 10/2023

Revision History: FFY23A4

Description:
Plan will allow Lawrence Transit to plan for larger scale deployments of charging equipment at the joint maintenance facility. Currently, there is space and plans for 12 chargers along the north side of the bus lot.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2024	5304	PE	\$120	\$0	\$0
2024	Local	PE	\$0	\$0	\$30

Federal Total:	\$120	Non-Federal Total:	\$30	Grand Total:	\$150
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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 Transit
TIP #: 405 **KDOT #** PT-3905-23
Length (mi): 0.00

Project Name: Cart-Friendly Flip-Seat Retrofit
Location:

FFY	Fund Source	Phase	Federal	State	Local
2024	5339	CAP	\$32	\$0	\$0
2024	Local	CAP	\$0	\$0	\$8

Project Type: Transit/Paratransit

Work Type: Capital

Date Added: 10/2023 **Last Revised:** 10/2023

Revision History: FFY23A4

Description:
Cart-friendly flip-seat retrofits would advance equity goals by making the bus more practical to use for the purposes of grocery shopping with a cart and traveling with children who require strollers.

Comments:

Federal Total:	\$32	Non-Federal Total:	\$8	Grand Total:	\$40
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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 Transit

TIP #: 406 **KDOT #** PT-3905-23

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 10/2023 **Last Revised:** 10/2023

Description:
Joint branding bus wraps are a critical component in unifying Lawrence Transit and KU on Wheels brands for a seamless passenger experience. Lawrence Transit will develop RFP for vendor to provide bus wraps that integrate new joint branding on 66 vehicles.

Project Name: Joint Branding Bus Wraps

Location:

Work Type: Capital

Revision History: FFY23A4

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2024	5339	CONST	\$241	\$0	\$0
2024	Local	CONST	\$0	\$0	\$60

Federal Total: \$241

Non-Federal Total: \$60

Grand Total: \$301



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 Transit
TIP #: 407 **KDOT #** PT-3905-23
Length (mi): 0.00

Project Name: Downtown Station
Location: Downtown Lawrence

FFY	Fund Source	Phase	Federal	State	Local
2024			\$0	\$0	\$0
2025	5339	CONST	\$1,624	\$0	\$0
2025	Local	CONST	\$0	\$0	\$406

Project Type: Transit/Paratransit

Work Type: Capital

Date Added: 10/2023 **Last Revised:** 10/2023

Revision History: FFY23A4

Description:
Construct transit operations and passenger amenity improvements to Downtown Station. Will include five sawtooth bus parking bays, an outdoor passenger waiting area with seating and a canopy, bicycle parking and bike lockers, real-time signage.

Comments:

Federal Total:	\$1,624	Non-Federal Total:	\$406	Grand Total:	\$2,030
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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 Transit
TIP #: 408 **KDOT #** PT-3905-23
Length (mi): 0.00

Project Name: Bus Technology

Location:

Project Type: Transit/Paratransit

Work Type: Other

Date Added: 10/2023 **Last Revised:** 10/2023

Revision History: FFY23A4

Description:
Automated annunciators will provide audio stop announcements on fixed route buses for every stop. Rear Destination Sign Retrofit will allow passengers to more easily locate their bus at transfer locations when they approach from the rear.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	CAP	\$0	\$0	\$91
2023	5339	CAP	\$365	\$0	\$0

Federal Total:	\$365	Non-Federal Total:	\$91	Grand Total:	\$456
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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 Transit

TIP #: 409 **KDOT #** PT-3905-23

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 10/2023 **Last Revised:** 10/2023

Description:
Lawrence Transit will develop RFP for vendor to develop a GTFS-RT feed for the combined City-KU fixed route fleet, using existing GPS-enabled hardware on buses.

Project Name: GTFS - real time

Location:

Work Type: Other

Revision History: FFY23A4

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	OTHER	\$0	\$0	\$10
2023	5339	OTHER	\$40	\$0	\$0

Federal Total: \$40

Non-Federal Total: \$10

Grand Total: \$50



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 Transit

TIP #: 411 **KDOT #** PT-0687-23

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 10/2023 **Last Revised:** 10/2023

Description:
Outfit 25 existing fixed route vehicles with the required hardware and backend software to deliver on-demand microtransit service.

Project Name: Microtransit

Location:

Work Type: Operating

Revision History: FFY23A4

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	State	OP	\$0	\$124	\$0
2023	Local	OP	\$0	\$0	\$34

Federal Total: \$0

Non-Federal Total: \$158

Grand Total: \$158

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

Anticipated Funding (in thousands)						
Funding Source		FFY 2023	FFY 2024	FFY 2025	FFY 2026	Total
Transit	Federal	\$ 7,617	\$ 10,603	\$ 4,105	\$ 7,805	\$ 30,130
	State	\$ 6,620	\$ 1,721	\$ 3,222	\$ 1,722	\$ 13,284
	Local	\$ 23,979	\$ 10,691	\$ 11,891	\$ 11,234	\$ 57,794
Non-Transit	Federal	\$ 5,079	\$ 1,788	\$ 2,795	\$ 1,803	\$ 11,465
	State	\$ 37,847	\$ 35,559	\$ 212,442	\$ 38,733	\$ 324,580
	Local	\$ 36,235	\$ 37,865	\$ 34,043	\$ 25,937	\$ 134,080
Transit Total		\$ 38,215	\$ 23,014	\$ 19,218	\$ 20,761	\$ 101,208
Non-Transit Total		\$ 79,161	\$ 75,212	\$ 249,280	\$ 66,473	\$ 470,126
Grand Total		\$ 117,376	\$ 98,225	\$ 268,498	\$ 87,235	\$ 571,334

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 5310	\$ -	\$ 122	\$ -	\$ -	\$ 122
		FTA 5311	\$ -	\$ -	\$ -	\$ -	\$ -
		FTA 5304	\$ -	\$ 120	\$ -	\$ -	\$ 120
		FTA 5339	\$ 2,029	\$ 273	\$ 1,624	\$ -	\$ 3,926
	State-PT		\$ 1,155	\$ 1,155	\$ 1,155	\$ 1,155	\$ 4,620
	Local		\$ 10,526	\$ 4,590	\$ 5,261	\$ 5,340	\$ 25,717
Non-Transit	Federal Funds	CDBG	\$ 300	\$ 300	\$ -	\$ -	\$ 600
		HRRR	\$ -	\$ -	\$ -	\$ -	\$ -
		HSIP	\$ 1,500	\$ 500	\$ -	\$ -	\$ 2,000
		NII	\$ -	\$ 1,358	\$ 1,446	\$ -	\$ 2,804
		NHPP	\$ -	\$ -	\$ 13,739	\$ -	\$ 13,739
		STP	\$ -	\$ -	\$ -	\$ -	\$ -
		TA	\$ 1,500	\$ 2,558	\$ -	\$ -	\$ 4,058
	State		\$ 8,775	\$ 40,705	\$ (13,223)	\$ 3,000	\$ 39,257
	State AC Conversion*			\$ (500)	\$ (13,739)	\$ -	\$ (14,239)
	Local		\$ 14,715	\$ 15,404	\$ 5,806	\$ 6,000	\$ 41,925
	Transit Total			\$ 20,886	\$ 10,866	\$ 13,107	\$ 12,069
Non-Transit Total			\$ 26,790	\$ 60,325	\$ (5,971)	\$ 9,000	\$ 90,144
Grand Total			\$ 47,676	\$ 71,191	\$ 7,136	\$ 21,069	\$ 147,072

*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.