

**Appendix F - Summary of TIP Changes**

Costs in 1,000s



FFY 2019 - 2022 L-DC MPO Transportation Improvement Program (TIP)

Revision Summary: Amendment 7b

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
249	KA-5683-01	Repair bridge #071 on K-10 in Douglas County	KDOT	New Project	Program K-10 Bridge (#71) repair over Wakarusa River in 2020 and 2021.	\$1,440
416		Lawrence Transit Electric Buses	Lawrence Transit	New Project	Program five electric battery buses to replace five diesel powered buses, associated charging infrastructure, and project management in 2021.	\$5,990
136	KA-5485-01	K-10: West Leg Surfacing	KDOT	Project Change	Revise 2020 State-AC from \$2,317 to \$3,010, 2020 State CONST from \$580 to \$755, 2021 NHPP Conversion from \$2,317 to \$3,010 and 2021 Credit from \$2,317 to \$3,010.	\$3,766
243	KA-4365-01	US-56 Improvements: Eisenhower St to 1st St	KDOT	Project Change	Revise 2019 State CONST to 2020.	\$1,675
705	KA-3634-08	K-10 (US-40) & 27th St/Waka. Intersection Improvements	KDOT	Project Change	Revise 2019 State PE from \$50 to \$379, 2020 HSIP CONST from \$473 to \$748, and 2020 State CONST \$53 to \$83.	\$1,210

**Lawrence-Douglas County MPO**  
**FFY 2019 - 2022 Transportation Improvement Program Projects (Costs in 1,000s)**  
 (Includes the Program of Projects for the Lawrence Transit System)

<b>Project Sponsor:</b> KDOT	<b>Project Name:</b> K-10: West Leg Surfacing						
<b>TIP #:</b> 136	<b>KDOT #:</b> KA-5485-01	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>Length (mi):</b> 8.40	<b>Location:</b> Beginning at Junction I-70/KTA/K-10 thence east to Junction K-10/US-40/US-59	2020	State	PE	\$0	\$1	\$0
<b>Project Type:</b> Road	<b>Work Type:</b> Surfacing	2020	State-AC	CONST	\$0	\$3,010	\$0
<b>Date Added:</b> 10/2019	<b>Last Revised:</b> 8/20	2020	State	CONST	\$0	\$755	\$0
<b>Description:</b> Surfacing	<b>Comments:</b> The CONST Phase will utilize AC in the amount of \$2,317 K with conversion to NHPP in 2021.	2021	NHPP	CONVERSION	\$3,010	\$0	\$0
	This project is tied to project 705 (KA-3634-08) for letting purposes.	2021	Credit	OTHER	\$0	(\$3,010)	\$0
		<b>Federal Total:</b>	\$3,010	<b>Non-Federal Total:</b>	\$756	<b>Grand Total:</b>	\$3,766
<b>Project Sponsor:</b> KDOT	<b>Project Name:</b> US-56 Improvements: Eisenhower St to 1st St						
<b>TIP #:</b> 243	<b>KDOT #:</b> KA-4365-01	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>Length (mi):</b> 0.30	<b>Location:</b> Eisenhower St to 1st St	2020	State	CONST	\$0	\$1,675	\$0
<b>Project Type:</b> Road	<b>Work Type:</b> Other/Reconstruction						
<b>Date Added:</b> 7/2016	<b>Last Revised:</b> 8/2020						
<b>Description:</b> Improvements to US-56 - Realign Eisenhower and construct 3 lane US-56 in Baldwin City.	<b>Comments:</b> Revising fiscal year from 2019 to 2020.						
		<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$1,675	<b>Grand Total:</b>	\$1,675

**Lawrence-Douglas County MPO**  
**FFY 2019 - 2022 Transportation Improvement Program Projects (Costs in 1,000s)**  
 (Includes the Program of Projects for the Lawrence Transit System)

**Project Sponsor:** KDOT

**TIP #:** 249

**Length (mi):** 0.00

**Project Type:** Bridge

**Date Added:** 8/2020

**Description:**

Machine preparation, replace joints, patch deck, polymer overlay, pier repair and paint bearings, girder ends and crossframes.

**Project Name:** Repair bridge #071 on K-10 in Douglas County

**KDOT #:** KA-5683-01

**Location:** K-10; Bridge #071 over the Wakarusa River located 7.05 miles east of the K-10/U.S. 59 junction in Douglas County

**Work Type:** Bridge Rehabilitation

**Last Revised:**

**Comments:**

FFY	Fund Source	Phase	Federal	State	Local
2020	State	PE	\$0	\$24	\$0
2020	State-AC	PE	\$0	\$96	\$0
2021	State	CONST	\$0	\$264	\$0
2021	State-AC	CONST	\$0	\$1,056	\$0
2022	NHPP	CONVERSION	\$1,152	\$0	\$0
2022	Credit	OTHER	\$0	(\$1,152)	\$0

<b>Federal Total:</b>	\$1,152	<b>Non-Federal Total:</b>	\$288	<b>Grand Total:</b>	\$1,440
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**Project Sponsor:** Lawrence Transit

**TIP #:** 416

**Length (mi):** 0.00

**Project Type:** Transit/Paratransit

**Date Added:** 8/2020

**Description:**

Procurement of five battery electric buses to replace five diesel powered buses, associated charging infrastructure, and project management.

**Project Name:** Lawrence Transit Electric Buses

**KDOT #:**

**Location:** Lawrence

**Work Type:** Vehicle Replacement

**Last Revised:**

**Comments:**

FTA Low-No grant for \$3.75 million awarded in June 2020.

FFY	Fund Source	Phase	Federal	State	Local
2021	5339	PE	\$367	\$0	\$0
2021	5339	CAPITAL	\$3,389	\$0	\$0
2021	Local	CAPITAL	\$0	\$0	\$2,234

<b>Federal Total:</b>	\$3,756	<b>Non-Federal Total:</b>	\$2,234	<b>Grand Total:</b>	\$5,990
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## Lawrence-Douglas County MPO

### FFY 2019 - 2022 Transportation Improvement Program Projects (Costs in 1,000s)

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

**Project Sponsor:** KDOT

**TIP #:** 705

**Length (mi):** 0.00

**Project Type:** Other

**Date Added:** 8/2019

**Description:**

Intersection improvement: add EB right turn lane on K-10, extend WB turn lane on K-10, add a NB right turn lane, revise pavement markings, mill & overlay north and south intersection legs & reconstruct sidewalk crossing. Permanent seeding & signage.

**Project Name:** K-10 (US-40) & 27th St/Waka. Intersection Improvements

**KDOT #:** KA-3634-08

**Location:** K-10 and 27th St/Wakarusa

**Work Type:** Geometric Improvement

**Last Revised:** 8/2020

**Comments:**

This project is tied to project 136 (KA-5485-01) for letting purposes.

FFY	Fund Source	Phase	Federal	State	Local
2019	State	PE	\$0	\$379	\$0
2020	HSIP	CONST	\$748	\$0	\$0
2020	State	CONST	\$0	\$83	\$0

<b>Federal Total:</b>	\$748	<b>Non-Federal Total:</b>	\$462	<b>Grand Total:</b>	\$1,210
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**Table 10: Funding Summary (in \$1,000s)**

<b>Anticipated Funding (in thousands)</b>						
<b>Funding Source</b>		<b>FFY 2019</b>	<b>FFY 2020</b>	<b>FFY 2021</b>	<b>FFY 2022</b>	<b>Total</b>
<b>Transit</b>	<b>Federal</b>	\$ 2,211	\$ 2,212	\$ 5,969	\$ 2,215	\$ 12,607
	<b>State</b>	\$ 712	\$ 713	\$ 713	\$ 714	\$ 2,852
	<b>Local</b>	\$ 10,274	\$ 10,849	\$ 14,783	\$ 13,913	\$ 49,819
<b>Non-Transit</b>	<b>Federal</b>	\$ 1,961	\$ 1,989	\$ 2,018	\$ 2,436	\$ 8,405
	<b>State</b>	\$ 6,102	\$ 17,247	\$ 4,035	\$ 8,095	\$ 35,479
	<b>Local</b>	\$ 22,901	\$ 23,432	\$ 24,070	\$ 24,465	\$ 94,868
<b>Transit Total</b>		<b>\$ 13,197</b>	<b>\$ 13,774</b>	<b>\$ 21,466</b>	<b>\$ 16,842</b>	<b>\$ 65,278</b>
<b>Non-Transit Total</b>		<b>\$ 30,964</b>	<b>\$ 42,668</b>	<b>\$ 30,122</b>	<b>\$ 34,997</b>	<b>\$ 138,751</b>
<b>Grand Total</b>		<b>\$ 44,161</b>	<b>\$ 56,442</b>	<b>\$ 51,588</b>	<b>\$ 51,838</b>	<b>\$ 204,029</b>

Anticipated funding is based on the revenue assumptions in Transportation 2040. 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) passed, which provides local funding until 2028.

Estimated Expenditures by Year and Funding Source (in thousands)							
Funding Source			FFY 2019	FFY 2020	FFY 2021	FFY 2022	Total
Transit	Federal Funds	FTA 5307	\$ 2,447	\$ 2,523	\$ 2,649	\$ 2,852	\$ 10,471
		FTA 5310	\$ 78	\$ -	\$ -	\$ -	\$ 78
		FTA 5311	\$ 55	\$ 91	\$ 116	\$ -	\$ 262
		FTA 5339	\$ -	\$ -	\$ 3,756	\$ -	\$ 3,756
	State-PT		\$ 1,259	\$ 1,297	\$ 1,259	\$ -	\$ 3,815
	Local		\$ 7,869	\$ 9,429	\$ 9,815	\$ 7,811	\$ 34,924
Non-Transit	Federal Funds	CDBG	\$ 303	\$ -	\$ -	\$ -	\$ 303
		HRRR	\$ 36	\$ -	\$ -	\$ -	\$ 36
		HSIP	\$ 500	\$ 1,248	\$ 500	\$ 500	\$ 2,748
		NHPP	\$ -	\$ -	\$ 4,075	\$ 1,152	\$ 5,227
		STP	\$ -	\$ -	\$ 3,185	\$ -	\$ 3,185
		TA	\$ 394	\$ 864	\$ 2,963	\$ -	\$ 4,221
	State		\$ 6,495	\$ 4,587	\$ 10,057	\$ 3,652	\$ 24,791
	State AC Conversion*		\$ (500)	\$ (500)	\$ (7,760)	\$ (1,652)	\$ (10,412)
	Local		\$ 6,279	\$ 12,806	\$ 11,405	\$ 13,275	\$ 43,765
Transit Total			\$ 11,708	\$ 13,340	\$ 17,595	\$ 10,663	\$ 53,306
Non-Transit Total			\$ 13,507	\$ 19,005	\$ 24,425	\$ 16,927	\$ 73,864
Grand Total			\$ 25,215	\$ 32,345	\$ 42,020	\$ 27,590	\$ 127,170

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