

**Appendix F - Summary of TIP Changes**

Costs in 1,000s



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

Revision Summary: Amendment 3

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
705	KA-3634-08	K-10 (US-40) and 27th St Intersection Study	KDOT	New Project	Program \$500 of State PE funding in 2019 for a study for options on K-10 for geometric improvements to the at-grade intersection of K-10 (US-40) and 27th St. This project is authorized for PE only.	\$500
706		Traffic Signal Coordination Study	Lawrence	New Project	Program \$300 of Local PE funding in 2019 for a study to provide a comprehensive update to the traffic signal system, optimize operations and development of a long-term city-wide traffic signal coordination and timing program.	\$300
106		Wakarusa Drive Extension	Douglas County	Project Change	Revise 2019 Local PE from \$700 to \$175 in 2021, 2020 Local ROW from \$300 to \$150 in 2022, 2020 Local UTIL to 2022, 2021 Local CONST to 2022, 2022 Local CONST from \$5,000 to \$2,500 in 2023, and adding \$75 of 2022 Local PE funding.	\$6,200
107		Kasold Reconstruction, Clinton Pkwy to HyVee	Lawrence	Project Change	Revise 2017 Local PE from \$100 to \$170 in 2019 and 2018 Local CONST from \$1,000 to \$2,430 in 2020.	\$2,600
208		Route 1055 at North 700 Curve	Douglas County	Project Change	Revise 2020 Local CONST from \$1,325 to \$1,700.	\$1,825
214		Wakarusa Reconstruction, Research Pkwy to 23rd St	Lawrence	Project Change	Revise 2022 Local PE to 2021 and revise 2022 Local CONST from \$2,400 to \$6,000. Updating the project name to extend the project limits from 18th St to 23rd St.	\$6,400
219		Rte 458 Improv., E1500 to E1600, & Rte 1055, N940 to N1000	Douglas County	Project Change	Revise 2021 Local CONST from \$1,900 to \$2,300.	\$2,675
220		Route 1055 Improvements, N1000 to N1180	Douglas County	Project Change	Revise 2018 Local ROW to 2019, 2019 Local UTIL to 2020, 2019 Local CONST to 2020.	\$2,250
229		19th Street Reconstruction, O'Connell Rd to Harper St	Lawrence	Project Change	Revise 2021 Local CONST from \$2,500 to \$2,200 and add \$1,100 of 2020 Local CONST.	\$3,625
230		Queens Road, 6th to North City Limits	Lawrence	Project Change	Revise 2019 Local CONST to 2020.	\$3,800
249		Bridge 1267-1200 replacement	Douglas County	Project Change	Project has been cancelled at Douglas County's request.	\$0
401		Independence Inc., FTA 5311 Operating & Capital	Independence Inc.	Project Change	Program 2020 5311 operating and administrative funding - \$60 of 5311 Operating, \$24 of State Operating, \$36 of Local Operating, Program 5311 Capital funding - \$31 of 5311 Capital funding and \$8 of Local funding for purchase of a Ramp Van.	\$269
510	TE-0480-01	Bluejacket Trail: Phase II	Eudora	Project Change	Add the KDOT # to the project, revise the 2020 Local UTIL from \$89 to \$55, and increase the 2020 Local CONST from \$71 to \$87.	\$460
601	C-4857-01	Route 458 HRRR	Douglas County	Project Change	Project was scheduled to be finished in 2018, but due to winter weather it wasn't completed. Reprogram in the TIP.	\$1,293

The Environmental Justice Zones were updated based on the newest data available.

**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:** Douglas County

**Project Name:** Wakarusa Drive Extension

**TIP #:** 106

**KDOT #:**

**Length (mi):** 1.70

**Location:** Rte 458 to planned K-10 interchange at Wakarusa Dr

**Project Type:** Road, Bridge

**Work Type:** Grading, Bridge, Surfacing

**Date Added:** 10/2016

**Last Revised:** 8/2019

**Description:**

New road construction to extend Wakarusa Drive from planned K-10 interchange to Route 458. Includes new bridge over Wakarusa River. \*Alignment not finalized

**Comments:**

Construction contingent on KDOT construction of K-10 interchange at Wakarusa Drive. Changed TIP # from 100 to 106 in 2/2017 - Bridge const. 2021; road const. 2022; Douglas County & Lawrence would partner on project.

FFY	Fund Source	Phase	Federal	State	Local
2021	Local	PE	\$0	\$0	\$175
2022	Local	PE	\$0	\$0	\$75
2022	Local	ROW	\$0	\$0	\$150
2022	Local	UTIL	\$0	\$0	\$100
2022	Local	CONST	\$0	\$0	\$3,200
2023	Local	CONST	\$0	\$0	\$2,500

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$6,200	<b>Grand Total:</b>	\$6,200
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**Project Sponsor:** Lawrence

**Project Name:** Kasold Reconstruction, Clinton Pkwy to HyVee

**TIP #:** 107

**KDOT #:**

**Length (mi):** 0.16

**Location:** Kasold from 22nd St to Clinton Pkwy

**Project Type:** Road

**Work Type:** Reconstruction

**Date Added:** 10/2016

**Last Revised:** 8/2019

**Description:**

Reconstruction of street including pavement, storm sewer, sidewalks, bicycle facilities, and median.

**Comments:**

Included in 2018 CIP. Changed TIP # from 101 to 107 in 2/2017 - this amendment makes no changes to scope or funding.

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	PE	\$0	\$0	\$170
2020	Local	CONST	\$0	\$0	\$2,430

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$2,600	<b>Grand Total:</b>	\$2,600
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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:** Douglas County

**TIP #:** 208

**Length (mi):** 0.75

**Project Type:** Road

**Date Added:** 10/2014

**Description:**

Roadside safety improvements, replace two bridges and one culvert.

**Project Name:** Route 1055 at North 700 Curve

**KDOT #:**

**Location:** Route 1055 from 725 North to 1670 East

**Work Type:** Rehabilitation, Bridge Replacement

**Last Revised:** 8/2019

**Comments:**

FFY	Fund Source	Phase	Federal	State	Local
2020	Local	ROW	\$0	\$0	\$25
2020	Local	UTIL	\$0	\$0	\$100
2020	Local	CONST	\$0	\$0	\$1,700

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$1,825	<b>Grand Total:</b>	\$1,825
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**Project Sponsor:** Lawrence

**TIP #:** 214

**Length (mi):** 1.47

**Project Type:** Road

**Date Added:** 10/2016

**Description:**

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

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

**KDOT #:**

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

**Work Type:** Reconstruction

**Last Revised:** 8/2019

**Comments:**

Extend project limits from 18th St to 23rd St.

FFY	Fund Source	Phase	Federal	State	Local
2021	Local	PE	\$0	\$0	\$400
2022	Local	CONST	\$0	\$0	\$6,000

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$6,400	<b>Grand Total:</b>	\$6,400
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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)

<b>Project Sponsor:</b>	Douglas County	<b>Project Name:</b>	Rte 458 Improv., E1500 to E1600, & Rte 1055, N940 to N1000	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>TIP #:</b>	219	<b>KDOT #:</b>		2020	Local	ROW	\$0	\$0	\$125
<b>Length (mi):</b>	1.60	<b>Location:</b>	E1500 to E1600 & N940 to N1000	2021	Local	UTIL	\$0	\$0	\$250
				2021	Local	CONST	\$0	\$0	\$2,300
<b>Project Type:</b>	Road	<b>Work Type:</b>	Grading, Surfacing						
<b>Date Added:</b>	8/2015	<b>Last Revised:</b>	8/2019						
<b>Description:</b>	Construct paved shoulders; replace narrow bridges and culvert; flatten roadside slope.								
		<b>Comments:</b>							
				<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$2,675	<b>Grand Total:</b>	\$2,675

<b>Project Sponsor:</b>	Douglas County	<b>Project Name:</b>	Route 1055 Improvements, N1000 to N1180	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>TIP #:</b>	220	<b>KDOT #:</b>		2019	Local	ROW	\$0	\$0	\$75
<b>Length (mi):</b>	1.80	<b>Location:</b>	N1000 to N1180	2020	Local	UTIL	\$0	\$0	\$225
				2020	Local	CONST	\$0	\$0	\$1,950
<b>Project Type:</b>	Road	<b>Work Type:</b>	Grading, Surfacing						
<b>Date Added:</b>	8/2015	<b>Last Revised:</b>	8/2019						
<b>Description:</b>	Construct paved shoulders; replace narrow culvert; flatten roadside slope.								
		<b>Comments:</b>							
				<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$2,250	<b>Grand Total:</b>	\$2,250

**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:** Lawrence

**TIP #:** 229

**Length (mi):** 0.54

**Project Type:** Road

**Date Added:** 8/2015

**Description:**

Reconstruct & tie into venture park, roundabout at 19th & Harper, construct sidewalk & bike lanes.

**Project Name:** 19th Street Reconstruction, O'Connell Rd to Harper St

**KDOT #:**

**Location:** O'Connell Rd to Harper St

**Work Type:** Reconstruction

**Last Revised:** 8/2019

**Comments:**

PE/ROW are each estimated at 10% of Construction Costs.

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	PE	\$0	\$0	\$275
2019	Local	ROW	\$0	\$0	\$50
2020	Local	CONST	\$0	\$0	\$1,100
2021	Local	CONST	\$0	\$0	\$2,200

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$3,625	<b>Grand Total:</b>	\$3,625
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**Project Sponsor:** Lawrence

**TIP #:** 230

**Length (mi):** 0.75

**Project Type:** Road

**Date Added:** 8/2015

**Description:**

Construct Queens Road, roundabout at Overland Dr & Queens Rd, construct sidewalk & bike lanes.

**Project Name:** Queens Road, 6th to North City Limits

**KDOT #:**

**Location:** 6th St to North City Limits

**Work Type:** Reconstruction

**Last Revised:** 8/2019

**Comments:**

PE/ROW are each estimated at 10% of Construction Costs.

Updated project description to include roundabout at Overland/Queens.

FFY	Fund Source	Phase	Federal	State	Local
2015	Local	ROW	\$0	\$0	\$600
2016	Local	PE	\$0	\$0	\$200
2020	Local	CONST	\$0	\$0	\$3,000

<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$3,800	<b>Grand Total:</b>	\$3,800
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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:** Douglas County      **Project Name:** Bridge 1267-1200 replacement

**TIP #:** 249      **KDOT #:**

**Length (mi):** 0.10      **Location:** 0.3 mi. South of 31st & Kasold on E 1200 Rd

**Project Type:** Bridge      **Work Type:** Bridge Replacement, Grading

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

**Description:**  
Replace existing bridge with structural stability concerns

**Comments:**  
Bridge to be replaced with precast concrete structure. Virtually no road improvements.

Project has been cancelled at Douglas County's request as part of Amendment 3.

FFY	Fund Source	Phase	Federal	State	Local
<b>PROJECT CANCELLED</b>					
<b>Federal Total:</b>			<b>Non-Federal Total:</b>	\$0	<b>Grand Total:</b> \$0

**Project Sponsor:** Independence Inc.      **Project Name:** Independence Inc., FTA 5311 Operating & Capital

**TIP #:** 401      **KDOT #:**

**Length (mi):**      **Location:** Lawrence

**Project Type:** Transit/Paratransit      **Work Type:** Operating/Capital

**Date Added:** 10/2014      **Last Revised:** 8/2019

**Description:**  
Operating and Capital

**Comments:**  
2019 – 5311 Admin- \$32, Local Admin \$8; 2020 – 5311 Admin- \$31, Local Admin \$8;

Purchase Ramp Van in FY2020.

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	OPERATING	\$0	\$0	\$33
2019	State	OPERATING	\$0	\$22	\$0
2019	5311	OPERATING	\$55	\$0	\$0
2019	Local	CAPITAL	\$0	\$0	\$8
2019	5311	CAPITAL	\$31	\$0	\$0
2020	Local	OPERATING	\$0	\$0	\$36
2020	State	OPERATING	\$0	\$24	\$0
2020	5311	OPERATING	\$60	\$0	\$0
<b>Federal Total:</b>			<b>Non-Federal Total:</b>	\$123	<b>Grand Total:</b> \$269

**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:** Eudora

**Project Name:** Bluejacket Trail: Phase II

**TIP #:** 510

**KDOT #:** TE-0480-01

**Length (mi):** 1.34

**Location:** 1201 Cedar St. to 1702 Cypress Ct. in Eudora

**Project Type:** Transportation Alternatives

**Work Type:** Pedestrian & Bicycle Work

**Date Added:** 4/2019

**Last Revised:** 8/2019

**Description:**

Design, engineer, and construct an ADA-compliant, approximately 7,050' long, 8' wide shared-use path.

**Comments:**

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	PE	\$0	\$0	\$34
2020	Local	UTIL	\$0	\$0	\$55
2020	Local	CONST	\$0	\$0	\$87
2020	TA	CONST	\$284	\$0	\$0

<b>Federal Total:</b>	\$284	<b>Non-Federal Total:</b>	\$176	<b>Grand Total:</b>	\$460
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**Project Sponsor:** Douglas County

**Project Name:** Route 458 HRRR

**TIP #:** 601

**KDOT #:** C-4857-01

**Length (mi):** 2.00

**Location:** Rte 458 E 1800 Rd. to E 2000 Rd.

**Project Type:** Safety

**Work Type:** Grading

**Date Added:** 1/2016

**Last Revised:** 8/2019

**Description:**

Replace nine narrow culverts and remove roadside trees to improve roadside safety.

**Comments:**

Non-participating pavement rehab and entrance reconstruction not included in listed costs.

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	PE	\$0	\$0	\$5
2017	Local	ROW	\$0	\$0	\$31
2017	Local	UTIL	\$0	\$0	\$375
2018	Local	CONST	\$0	\$0	\$129
2018	HSIP	CONST	\$753	\$0	\$0

<b>Federal Total:</b>	\$753	<b>Non-Federal Total:</b>	\$540	<b>Grand Total:</b>	\$1,293
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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)

<b>Project Sponsor:</b> KDOT	<b>Project Name:</b> K-10 (US-40) and 27th St Intersection Study	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>TIP #:</b> 705	<b>KDOT #:</b> KA-3634-08	2019	State	PE	\$0	\$500	\$0
<b>Length (mi):</b> 0.00	<b>Location:</b> K-10 and 27th St						
<b>Project Type:</b> Other	<b>Work Type:</b> Planning						
<b>Date Added:</b> 8/2019	<b>Last Revised:</b>						
<b>Description:</b> Study for Options on K-10 for Geometric improvements to the at-grade intersection of K-10 (US-40) and 27th Street. Addition or modification of auxiliary lane configurations on 27th Street and potentially K-10.	<b>Comments:</b> This project is Authorized for PE Only. The estimated total project cost is \$ 5,750 K which shall be used for planning purposes only.						
		<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$500	<b>Grand Total:</b>	\$500

<b>Project Sponsor:</b> Lawrence	<b>Project Name:</b> Traffic Signal Coordination Study	<b>FFY</b>	<b>Fund Source</b>	<b>Phase</b>	<b>Federal</b>	<b>State</b>	<b>Local</b>
<b>TIP #:</b> 706	<b>KDOT #:</b>	2019	Local	PE	\$0	\$0	\$300
<b>Length (mi):</b> 0.00	<b>Location:</b> Arterial streets						
<b>Project Type:</b> Intersection	<b>Work Type:</b> Operating, Planning, Signal						
<b>Date Added:</b> 8/2019	<b>Last Revised:</b>						
<b>Description:</b> Provide a comprehensive update to the traffic signal system, optimize operations and development of a long-term city-wide traffic signal coordination and timing program.	<b>Comments:</b> Project will improve traffic mobility and efficiency.						
		<b>Federal Total:</b>	\$0	<b>Non-Federal Total:</b>	\$300	<b>Grand Total:</b>	\$300



**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	\$ 2,213	\$ 2,215	\$ 8,851
	<b>State</b>	\$ 712	\$ 713	\$ 713	\$ 714	\$ 2,852
	<b>Local</b>	\$ 10,274	\$ 10,849	\$ 11,027	\$ 13,913	\$ 46,063
<b>Non-Transit</b>	<b>Federal</b>	\$ 1,961	\$ 1,989	\$ 2,018	\$ 2,436	\$ 8,405
	<b>State</b>	\$ 5,370	\$ 3,975	\$ 4,035	\$ 8,095	\$ 21,475
	<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>\$ 13,954</b>	<b>\$ 16,842</b>	<b>\$ 57,766</b>
<b>Non-Transit Total</b>		<b>\$ 30,232</b>	<b>\$ 29,396</b>	<b>\$ 30,122</b>	<b>\$ 34,997</b>	<b>\$ 124,747</b>
<b>Grand Total</b>		<b>\$ 43,429</b>	<b>\$ 43,170</b>	<b>\$ 44,076</b>	<b>\$ 51,838</b>	<b>\$ 182,513</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	\$ 2,468	\$ 2,591	\$ 2,720	\$ 10,226
		FTA 5310	\$ 78	\$ -	\$ -	\$ -	\$ 78
		FTA 5311	\$ 86	\$ 60	\$ -	\$ -	\$ 146
	State-PT		\$ 1,259	\$ 1,259	\$ 1,259	\$ -	\$ 3,777
	Local		\$ 7,877	\$ 8,931	\$ 7,064	\$ 7,239	\$ 31,111
Non-Transit	Federal Funds	CDBG	\$ 303	\$ -	\$ -	\$ -	\$ 303
		HRRR	\$ 36	\$ -	\$ -	\$ -	\$ 36
		HSIP	\$ 500	\$ 500	\$ 500	\$ 500	\$ 2,000
		NHPP	\$ -	\$ -	\$ -	\$ -	\$ -
		STP	\$ -	\$ -	\$ -	\$ -	\$ -
		TA	\$ 394	\$ 1,344	\$ -	\$ -	\$ 1,738
	State		\$ 5,815	\$ 984	\$ 2,500	\$ 2,500	\$ 11,799
	State AC Conversion*		\$ (500)	\$ (500)	\$ (500)	\$ (500)	\$ (2,000)
	Local		\$ 4,988	\$ 12,330	\$ 10,500	\$ 13,275	\$ 41,093
	Transit Total		\$ 11,747	\$ 12,718	\$ 10,914	\$ 9,959	\$ 45,338
Non-Transit Total		\$ 11,536	\$ 14,658	\$ 13,000	\$ 15,775	\$ 54,969	
Grand Total		\$ 23,283	\$ 27,376	\$ 23,914	\$ 25,734	\$ 100,307	

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