

G Summary of TIP Changes

APPENDIX G

Costs in 1,000s



FFY 2021 - 2024 L-DC MPO Transportation Improvement Program (TIP)

Revision Summary: Amendment 6

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
423		AIC - Multimodal Transfer Facility Elements	Lawrence Transit	New	Program 2023 Local CAP \$406 and 2023 State CONST \$1624 for Multimodal Transfer Facility Elements	\$2,030
424		AIC - Bus Technology, Accessibility, and Branding Enhancements	Lawrence Transit	New	Program 2022 Local CAP \$169 and 2022 Federal \$677 for Bus Technology, Accessibility, and Branding Enhancements	\$846
425		Electric Buses Phase III	Lawrence Transit	New	Program 2022 Local PE \$8, 2022 Federal PE \$31, 2023 Local CONST \$300, 2023 Local PE \$90, 2023 Federal PE \$160, 2024 Local CAP \$718, 2024 Local PE \$26, 2024 Federal PE \$105, 2024 Local CAP \$188, and 2024 Federal CAP \$1059 for Electric Buses Phase III	\$5,072
142	KA-2841-02	US-40/K-10 Interchange Improvement (Diverging Diamond Interchange)	KDOT	Revision	Revise 2021 State PE \$230 to \$268, 2021 State-AC PE \$921 to \$1073, 2022 State ROW \$345 to \$402, 2022 State UTIL 69 to 80, 2022 State-AC UTIL 276 to 322, 2023 State-AC CONST \$9800 to \$11,529, 2023 State CONST \$2475 to \$2882, 2025 Credit \$11,096 to \$12,923	\$16,556
147	KA-6550-01	K-33: Beginning (north project limits of KA-3951-01) from 50 feet north of 6th Street in Wellsville north to the...	KDOT	Revision	Revise 2022 State PE from \$2,000 to \$400	\$2,000
403	PT-0701	Lawrence Transit Capital Assistance	Lawrence Transit	Revision	Revise 2022 State-PT Capital from \$600 to \$500 and 2022 State-PT Operating from \$721 to \$788	\$5,014
410		Lawrence Multimodal Transfer Facility	Lawrence Transit	Revision	Revised to add 2021, Local, PE, \$137; 2022, Local, PE, \$855; 2022, Local, Const, \$3,208; 2023, Local, PE, \$300; 2023, Local, Const, \$5,800; 2024, Local, Const, \$406; 2024, State, Const, \$1,624	\$4,500
412	5307 FTA	Lawrence Transit Operating Funds	Lawrence Transit	Revision	Revised 2021 Local Operating from \$2,649 to \$2,533; 2021 5307 Operating from \$2,649 to \$2,533; 2022 Local Operating from \$2,852 to \$3,808 and 2022 5307 Operating from \$2,852 to \$3,808.	\$27,322
416		Lawrence Transit Electric Buses Phase 1	Lawrence Transit	Revision	Revised project name from Lawrence Transit Electric Buses to Lawrence Transit Electric Buses Phase 1	\$5,990
417		CARES Act Operating Funds	Lawrence Transit	Revision	Revised 2022 5307 Operating from \$3,500 to \$3,737 and 2023 5307 Operating from \$237 to \$0	\$5,658
421		Zero-Emissions Transition Plan	Lawrence Transit	Revision	Program 2022 Local PE \$30 and 2022 Federal PE \$120 for Zero-Emissions Transition Plan	\$150

Public Comment Period: 5/13/2022 to 5/28/2022

MPO Policy Board Approval: 6/16/2022

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
422		Equitable and Accessible Bus Stop Amenities	Lawrence Transit	Revision	Program 2023 Local CONST \$31 and 2023 Federal CONST \$122 for Equitable and Accessible Bus Stop Amenities	\$153
705	KA-3634-08	K-10 (US-40) & 27th St/Waka. Intersection Improvements	KDOT	Revision	Revise 2019 State PE from \$379 to \$1089, 2020 HSIP CONST from \$748 to \$768 and 2020 State CONST from \$83 to \$185.	\$2,042

Public Comment Period: 5/13/2022 to 5/28/2022

MPO Policy Board Approval: 6/16/2022



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: KDOT
TIP #: 142 **KDOT #:** KA-2841-02
Length (mi): 0.00

Project Type: Interchange

Date Added: 2/2021 **Last Revised:** 6/2022

Description:
Construct a Diverging Diamond Interchange (DDI) includes bridge #088- for the addition of sidewalk with barriers for pedestrian protection down center of bridge.

Project Name: US-40/K-10 Interchange Improvement (Diverging Diamond Interchange)

Location: US-40/K-10 Interchange Improvement (DDI) in Lawrence

Work Type: Reconstruction

Revision History: FFY21 A3, FFY21 A5, FFY21 A6

Comments:
PE Phase will utilize AC of \$1,073 with conversion to NHPP in 2025. The UTIL Phase will utilize AC of \$80 with conversion to NHPP in 2025. The CONST Phase will utilize AC of \$11,529 with conversion to NHPP in 2025.

FFY	Fund Source	Phase	Federal	State	Local
2021	State	PE	\$0	\$268	\$0
2021	State-AC	PE	\$0	\$1,073	\$0
2022	State	ROW	\$0	\$402	\$0
2022	State	UTIL	\$0	\$80	\$0
2022	State-AC	UTIL	\$0	\$322	\$0
2023	State-AC	CONST	\$0	\$11,529	\$0
2023	State	CONST	\$0	\$2,882	\$0
2025	Credit	OTHER	\$0	(\$12,923)	\$0
2025	NHPP	CONVERSION	\$12,923	\$0	\$0

Federal Total:	\$12,923	Non-Federal Total:	\$3,633	Grand Total:	\$16,556
-----------------------	----------	---------------------------	---------	---------------------	----------

Project Sponsor: KDOT
TIP #: 147 **KDOT #:** KA-6550-01
Length (mi): 2.01

Project Type: Road

Date Added: 4/2022 **Last Revised:** 6/2022

Description:
A portion of this project is in Douglas County. Discovery Phase to determine the appropriate rehabilitation/ reconstruction improvements for the location. It includes resurfacing and widening shoulders.

Project Name: K-33: Beginning (north project limits of KA-3951-01) from 50 feet north of 6th Street in Wellsville north to the
Location: ...K-33/U.S. 56 (N. 200th Road) junction at end of route.

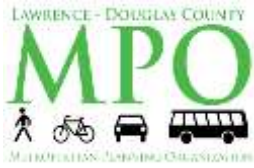
Work Type: Reconstruction

Revision History: FFY21 A6

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2022	State	PE	\$0	\$400	\$0

Federal Total:	\$0	Non-Federal Total:	\$400	Grand Total:	\$400
-----------------------	-----	---------------------------	-------	---------------------	-------



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence Transit

TIP #: 403 **KDOT #:** PT-0701

Length (mi):

Project Type: Transit/Paratransit

Date Added: 10/2014
Last Revised: 6/2022

Description:
Comprehensive Transportation Program.
Purchase of replacement paratransit
vehicles.

Project Name: Lawrence Transit Capital Assistance

Location: Lawrence

Work Type: Special Work

Revision History: FFY21 A6

Comments:
StateCTP

FFY	Fund Source	Phase	Federal	State	Local
2019	State-PT	CAPITAL	\$0	\$500	\$0
2019	State-PT	OPERATING	\$0	\$759	\$0
2020	State-PT	CAPITAL	\$0	\$1,000	\$0
2020	State-PT	OPERATING	\$0	\$297	\$0
2021	State-PT	CAPITAL	\$0	\$600	\$0
2021	State-PT	OPERATING	\$0	\$721	\$0
2022	State-PT	CAPITAL	\$0	\$500	\$0
2022	State-PT	OPERATING	\$0	\$788	\$0
2023	State-PT	CAPITAL	\$0	\$600	\$0
2023	State-PT	OPERATING	\$0	\$721	\$0
2024	State-PT	CAPITAL	\$0	\$600	\$0
2024	State-PT	OPERATING	\$0	\$721	\$0
Federal Total:	\$0	Non-Federal Total:	\$7,807	Grand Total:	\$7,807

Project Sponsor: Lawrence Transit

TIP #: 410 **KDOT #:**

Length (mi):

Project Type: Transit/Paratransit

Date Added: 7/2016
Last Revised: 6/2022

Description:
Transit Facility

Project Name: Lawrence Multimodal Transfer Facility

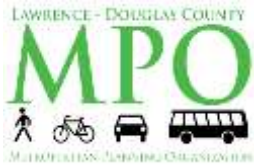
Location: Lawrence

Work Type: Capital

Revision History: FFY21 A6

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2020	Local	PE	\$0	\$0	\$1,000
2021	Local	CONST	\$0	\$0	\$3,500
2021	Local	PE	\$0	\$0	\$137
2022	Local	PE	\$0	\$0	\$855
2022	Local	CONST	\$0	\$0	\$3,208
2023	Local	CONST	\$0	\$0	\$5,800
2024	Local	CONST	\$0	\$0	\$406
2024	State	CONST	\$0	\$1,624	\$0
Federal Total:	\$0	Non-Federal Total:	\$16,530	Grand Total:	\$16,530



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence Transit

TIP #: 412 **KDOT #:** 5307 FTA

Length (mi):

Project Type: Transit/Paratransit

Date Added: 10/2014
Last Revised: 5/5/2022

Description:
Operating, Preventative Maintenance,
and Program Administration activities.

Project Name: Lawrence Transit Operating Funds

Location: Lawrence

Work Type: Operating

Revision History: FFY21 A6

Comments:
Federal Transit 5307 Funds. 2021-2022 amounts
are projected. Linked with project #402.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	OPERATING	\$0	\$0	\$1
2018	5307	OPERATING	\$5	\$0	\$0
2019	Local	OPERATING	\$0	\$0	\$1,860
2019	5307	OPERATING	\$2,447	\$0	\$0
2020	Local	OPERATING	\$0	\$0	\$2,523
2020	5307	OPERATING	\$2,523	\$0	\$0
2021	Local	OPERATING	\$0	\$0	\$2,533
2021	5307	OPERATING	\$2,533	\$0	\$0
2022	Local	OPERATING	\$0	\$0	\$3,808
2022	5307	OPERATING	\$3,808	\$0	\$0

Federal Total:	\$11,316	Non-Federal Total:	\$10,725	Grand Total:	\$22,041
-----------------------	----------	---------------------------	----------	---------------------	----------

Project Sponsor: Lawrence Transit

TIP #: 416 **KDOT #:**

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 8/2020
Last Revised: 6/2022

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 Phase 1

Location: Lawrence

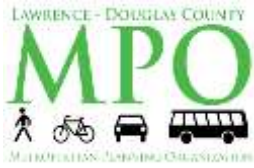
Work Type: Vehicle Replacement

Revision History: FFY21 A6

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
2022	5339	CAPITAL	\$3,389	\$0	\$0
2022	Local	CAPITAL	\$0	\$0	\$2,234

Federal Total:	\$3,756	Non-Federal Total:	\$2,234	Grand Total:	\$5,990
-----------------------	---------	---------------------------	---------	---------------------	---------



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence Transit

TIP #: 417 **KDOT #:**

Length (mi): 0.00

Project Name: CARES Act Operating Funds

Location: Lawrence

Project Type: Transit/Paratransit

Work Type: Operating

Date Added: 10/2020 **Last Revised:** 6/2021

Revision History: FFY21, FFY21 A3, FFY21 A6

Description:
CARES Act funds were apportioned to Lawrence Transit, eligible for similar uses as 5307 funds in response to lost revenue and challenges due to COVID-19. In Lawrence, funding will be used for operating costs.

Comments:
Linked with CARES Act Capital Assistance project (#418). Project requires no local match.

FFY	Fund Source	Phase	Federal	State	Local
2021	5307	OPERATING	\$1,921	\$0	\$0
2022	5307	OPERATING	\$3,737	\$0	\$0

Federal Total:	\$5,658	Non-Federal Total:	\$0	Grand Total:	\$5,658
-----------------------	---------	---------------------------	-----	---------------------	---------

Project Sponsor: Lawrence Transit

TIP #: 421 **KDOT #:**

Length (mi): 0.00

Project Name: Zero-Emissions Transition Plan

Location: Lawrence

Project Type: Transit/Paratransit

Work Type: Planning

Date Added: 6/2022 **Last Revised:** 6/2022

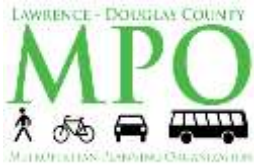
Revision History: FFY21 A6

Description:
This project will allow Lawrence Transit to plan for larger scale deployments of charging equipment and buses towards the goal of a fully electric fleet.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2022	Local	PE	\$0	\$0	\$30
2022	Federal	PE	\$120	\$0	\$0

Federal Total:	\$120	Non-Federal Total:	\$30	Grand Total:	\$150
-----------------------	-------	---------------------------	------	---------------------	-------



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence Transit

TIP #: 422 **KDOT #:**

Length (mi): 0.00

Project Name: Equitable and Accessible Bus Stop Amenities

Location: Lawrence

Project Type: Transit/Paratransit

Work Type: Capital

Date Added: 6/2022 **Last Revised:**

Revision History:

Description:
This project will improve 25 bus stops in Environmental Justice zones. 16 sites will be improved with accessible boarding pads and solar lighting for visibility and safety, and 9 additional sites will gain shelters, benches, bike racks, and trash cans.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	CONST	\$0	\$0	\$31
2023	Federal	CONST	\$122	\$0	\$0

Federal Total:	\$122	Non-Federal Total:	\$31	Grand Total:	\$153
-----------------------	-------	---------------------------	------	---------------------	-------

Project Sponsor: Lawrence Transit

TIP #: 423 **KDOT #:**

Length (mi): 0.00

Project Name: AIC - Multimodal Transfer Facility Elements

Location: Lawrence

Project Type: Transit/Paratransit

Work Type: Capital

Date Added: 6/2022 **Last Revised:**

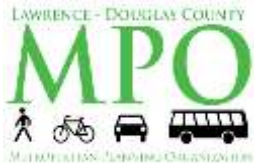
Revision History:

Description:
This project includes bicycle parking infrastructure and real-time bus arrival signage at both the Bob Billings and Downtown sites, as well as Downtown elements such as concrete, canopies, seating, shelters, and a restroom facility.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2023	Local	CAP	\$0	\$0	\$406
2023	State	CONST	\$0	\$1,624	\$0

Federal Total:	\$0	Non-Federal Total:	\$2,030	Grand Total:	\$2,030
-----------------------	-----	---------------------------	---------	---------------------	---------



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence Transit

TIP #: 424 **KDOT #:**

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 6/2022 **Last Revised:**

Description:
Project includes real-time bus arrival information, automated vehicle annunciators, exterior rear destination signs on buses, interior digital signs on buses, flip-seat retrofits, and bus decals & wraps

Project Name: AIC - Bus Technology, Accessibility, and Branding Enhancements

Location: Lawrence

Work Type: Other

Revision History:

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2022	Local	CAP	\$0	\$0	\$169
2022	Federal	CAP	\$677	\$0	\$0

Federal Total:	\$677	Non-Federal Total:	\$169	Grand Total:	\$846
-----------------------	-------	---------------------------	-------	---------------------	-------

Project Sponsor: Lawrence Transit

TIP #: 425 **KDOT #:**

Length (mi): 0.00

Project Type: Transit/Paratransit

Date Added: 6/2022 **Last Revised:**

Description:
Procurement of four battery electric buses to replace two diesel powered buses, two gasoline powered buses, associated charging infrastructure, and project management.

Project Name: Electric Buses Phase III

Location: Lawrence

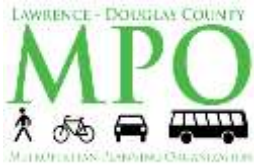
Work Type: Vehicle Replacement

Revision History:

Comments:
FTA Low-No grant for \$3.4 million submitted in May 2022.

FFY	Fund Source	Phase	Federal	State	Local
2022	Local	PE	\$0	\$0	\$8
2022	Federal	PE	\$31	\$0	\$0
2023	Local	CONST	\$0	\$0	\$300
2023	Local	PE	\$0	\$0	\$90
2023	Federal	PE	\$160	\$0	\$0
2024	Local	CAP	\$0	\$0	\$718
2024	Local	PE	\$0	\$0	\$26
2024	Federal	PE	\$105	\$0	\$0
2024	Local	CAP	\$0	\$0	\$188

Federal Total:	\$296	Non-Federal Total:	\$1,330	Grand Total:	\$1,626
-----------------------	-------	---------------------------	---------	---------------------	---------



Amendment 6
Lawrence-Douglas County MPO

FFY 2021 - 2024 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: KDOT

TIP #: 705 **KDOT #:** KA-3634-08

Length (mi): 0.00

Project Type: Other

Date Added: 8/2019
Last Revised: 6/2022

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

Location: K-10 and 27th St/Wakarusa

Work Type: Geometric Improvement

Revision History: FFY21 A6

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	\$1,089	\$0
2020	HSIP	CONST	\$768	\$0	\$0
2020	State	CONST	\$0	\$185	\$0
Federal Total:			\$768	Non-Federal Total: \$1,274	Grand Total: \$2,042

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 2021	FFY 2022	FFY 2023	FFY 2024	Total
Anticipated Funding	\$ 115,576	\$ 100,927	\$ 125,618	\$ 97,078	\$ 439,200
Anticipated O&M Expenditures	\$ 42,971	\$ 34,343	\$ 36,208	\$ 37,097	\$ 150,619
Funding Available for Projects	\$ 72,605	\$ 66,583	\$ 89,410	\$ 59,982	\$ 288,581

This TIP document provides realistic cost and funding estimates for improvement projects in the first two years of the fiscal constraint period (2021 and 2022). Predicting the revenues which will be available and costs for projects in the second half of that period (2023 and 2024) are a more speculative exercise.

As Transportation 2040 was completed in 2018. The financial data was reviewed to determine if it was still accurate for each jurisdiction. In many cases jurisdictions provided updated data. However, this TIP was developed during the middle of the COVID-19 pandemic, so jurisdictions acknowledged the financial information provided is contingent on recovery efforts. For jurisdictions that did not provide updated financial information, the Transportation 2040 projects which utilized 2012-2016 average funding levels were utilized with a 1.5% inflation factor applied to the average to determine future funding amounts. The MPO has assumed these funding levels for federal funding will remain in place through 2024. 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 2021-2024 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 2021	FFY 2022	FFY 2023	FFY 2024	Total
Transit	Federal	\$ 10,710	\$ 7,714	\$ 8,363	\$ 4,157	\$ 30,944
	State	\$ 869	\$ 889	\$ 2,534	\$ 2,555	\$ 6,847
	Local	\$ 15,899	\$ 15,591	\$ 17,397	\$ 12,730	\$ 61,617
Non-Transit	Federal	\$ 2,247	\$ 2,250	\$ 2,254	\$ 2,257	\$ 9,009
	State	\$ 9,798	\$ 6,129	\$ 24,384	\$ 3,297	\$ 43,607
	Local	\$ 33,083	\$ 34,009	\$ 34,479	\$ 34,985	\$ 136,556
Transit Total		\$ 27,477	\$ 24,195	\$ 28,294	\$ 19,442	\$ 99,408
Non-Transit Total		\$ 45,128	\$ 42,388	\$ 61,117	\$ 40,539	\$ 189,172
Grand Total		\$ 72,605	\$ 66,583	\$ 89,410	\$ 59,982	\$ 288,581

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

Estimated Expenditures by Year and Funding Source (in thousands)							
Funding Source			FFY 2021	FFY 2022	FFY 2023	FFY 2024	Total
Transit	Federal Funds	FTA 5307	\$ 4,454	\$ 9,069	\$ 2,988	\$ -	\$ 16,511
		FTA 5310	\$ -	\$ -	\$ -	\$ -	\$ -
		FTA 5311	\$ 116	\$ -	\$ -	\$ -	\$ 116
		FTA 5339	\$ 3,756	\$ 192	\$ 1,624	\$ -	\$ 5,572
	State-PT		\$ 1,321	\$ 1,288	\$ 1,321	\$ 1,321	\$ 5,251
	Local		\$ 12,561	\$ 12,103	\$ 11,680	\$ 5,746	\$ 42,090
Non-Transit	Federal Funds	CDBG	\$ 300	\$ 300	\$ 300	\$ 300	\$ 1,200
		HRRR	\$ -	\$ -	\$ -	\$ -	\$ -
		HSIP	\$ 500	\$ 1,511	\$ 500	\$ 500	\$ 3,011
		NHPP	\$ 4,002	\$ 1,546	\$ -	\$ -	\$ 5,548
		STP	\$ 2,923	\$ -	\$ -	\$ -	\$ 2,923
		TA	\$ 1,993	\$ 3,814	\$ 1,291	\$ -	\$ 7,098
	State		\$ 3,717	\$ 5,294	\$ 7,206	\$ 1,524	\$ 17,741
	State AC Conversion*			\$ (2,046)	\$ (500)	\$ (500)	\$ (3,046)
	Local		\$ 5,775	\$ 28,861	\$ 17,531	\$ 17,156	\$ 69,323
	Transit Total			\$ 22,208	\$ 22,652	\$ 17,613	\$ 7,067
Non-Transit Total			\$ 19,210	\$ 39,280	\$ 26,328	\$ 18,980	\$ 103,798
Grand Total			\$ 41,418	\$ 61,932	\$ 43,941	\$ 26,047	\$ 173,338

*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.