U.S. Department of Transportation

Federal Transit Administration
901 Locust Street, Suite 404
Kansas City, MO 64106
816-329-3920
816-329-3921 (fax)

Federal Highway Administration
6111 SW 29th Street, Suite 100
Topeka, KS 66614-4271
785-273-2600
785-273-2620 (fax)

January 5, 2018

Catherine M. Patrick, P.E.
State Transportation Engineer
Kansas Department of Transportation
Topeka, KS 66603

Subject: FHWA/FTA Approval of an Amendment to the FY 2018-2021 Kansas STIP

Dear Ms. Patrick:

As requested by your January 4th, 2018 letter, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the proposed Amendment #2 to the FY 2018-2021 Kansas Statewide Transportation Improvement Program (STIP).

Based on our review, we find that this STIP Amendment is based on a statewide transportation planning process that substantially meets the requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and 23 CFR 450. We also find that the referenced revisions to the metropolitan Transportation Improvement Programs (TIP) are consistent with the metropolitan transportation plans produced by the continuing, cooperative, and comprehensive transportation process carried out by the Metropolitan Planning Organization, the Kansas Department of Transportation (KDOT), and the public transportation operators in accordance with 23 U.S.C. 134 and 49 U.S.C. 5303.

This STIP Amendment is hereby approved.

If you have any questions or need additional information, please contact Paul Foundoukis of FHWA at (785) 273-2655 or Daniel Nguyen of FTA at (816) 329-3938.

Sincerely yours,

Mokhtee Ahmad
Regional Administrator
Federal Transit Administration

Richard E. Backlund, AICP
Division Administrator
Federal Highway Administration

Dwight D. Eisenhower State Office Building
700 S.W. Harrison Street
Topeka, KS 66603-3745

Kansas
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Office of the Secretary

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Richard Carlson, Secretary
Catherine M. Patrick, P.E.,
State Transportation Engineer

Sam Brownback, Governor

January 4, 2018

Mr. Mokhtee Ahmad
Region Administrator
FTA, Region VII
901 Locust St., Suite 404
Kansas City, MO 64106

Mr. Richard Backlund, AICP
Division Administrator
FHWA, Kansas Division
6111 SW 29th St., Suite 100
Topeka, KS 66611-2237

Dear Messrs. Ahmad and Backlund,

RE: Amendment #2 to the 2018-2021 STIP

The Kansas Department of Transportation (KDOT) has approved an amendment to the Kansas 2018-2021 Statewide Transportation Improvement Program (STIP) which includes projects within the Lawrence and Topeka metropolitan areas, along with projects outside of the metropolitan areas. These items are enclosed for your review.

We are requesting your concurrence and approval of this amendment to the 2018-2021 STIP.

The public involvement activities conducted by the Lawrence-Douglas County Metropolitan Planning Organization (L-DC MPO) and the Metropolitan Topeka Planning Organization (MTPO) for the Transportation Improvement Program (TIP) serve to satisfy the requirements of 23 CFR §450.324. No public comments were received.

A copy of Administrative Modification #1 to the 2018-2021 STIP is also enclosed for your reference.

Please forward any questions or comments regarding projects outside the metropolitan areas to Susie Lovelady, Bureau of Program and Project Management, at (785) 296-0281; and projects within the metropolitan areas to Allison Smith, Bureau of Transportation Planning, at (785) 296-0341.

Sincerely,

Catherine M. Patrick

Catherine M. Patrick, P.E.
State Transportation Engineer

Enclosures: January 2018 STIP Amendment List of Projects
January 2018 STIP Amendment Cash Flow Report

L-DC MPO 2017-2020 TIP Amendment Approval Request Letter and Related Document
MTPO 2017-2020 TIP Amendment Approval Request Letter and Related Document
KDOT Administrative Modification #1 to the 2018-2021 STIP

cc: Mark Bechtel, FTA Region VII, Deputy Regional Administrator
Daniel Nguyen, FTA Region VII, Community Planner
Paul Foundoukis, FHWA-KS, Community Planner
Davonna Moore, KDOT Transportation Planning
Cory Davis, KDOT Transportation Planning
Mike Spadafore, KDOT Transportation Planning
Allison Smith, KDOT Transportation Planning
Rene Hart, KDOT Transportation Planning
Matt Messina, KDOT Transportation Planning
Tod Salfrank, KDOT Local Projects
Paul Ahlenius, KDOT Local Projects
Ingrid Horton, KDOT Local Projects
Susie Lovelady, KDOT Program and Project Management
Linda Fritton, KDOT Program and Project Management

FFY 2018 - 2021 State Transportation Improvement Program Amendment List

All Dollar Amounts in $1,000's, some totals may not sum due to rounding of dollars

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Allen County

								Add		
C-4908-01	BRRPL							$461	2019	$461
C0001								$92	19.99%	
STP	C490801							$369	80.00%	

County: Allen **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Allen County

Location: Bridge located on Local Road 24.9-S.0 3.4 miles east 1.0 miles south of Elsmore over Wolf Pen Creek

Scope: Bridge Replacement

		Chg Cost				Chg Cost		Chg Cost		
KA-3254-02	PAVRC	$8	2018			$100	2018	$21,002	2018	$21,110
ACNHP	A325402							$16,801	79.99%	
K		$8	100.00%			$100	100.00%	$4,200	20.00%	
NHPP Future Conversion								$16,801	2019	

County: Allen **Route:** U169 **Total Length (Miles):** 7.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Highway improvement in Allen County

Location: US-169: From 5 mi N of the Allen/Neosho Co Line, N to 2.7 mi S of US-54

Scope: Pavement replacement

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Kansas STIP January Amendment -as of 12-20-2017

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		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Chg Cost		
X-3019-01	FLTSG							$283	2018	$283
ACHSP	X301901							$283	100.00%	
HSIP Future Conversion								$283	2018	

County: Allen **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: UPRR & Minnesota Road 3 miles South of Moran

Location: UPRR & Minnesota Road 3 miles South of Moran

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

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Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Anderson County

		Add						Add		
KA-4812-01	MILOV	$68	2018					$1,418	2018	$1,485
ACNHP	A481201							$1,134	80.00%	
K		$68	100.00%					$284	20.00%	
NHPP Future Conversion								$1,008	2019	

County: Anderson **Route:** U059 **Total Length (Miles):** 6.8 **Letting Type:** KDOT **NHS Project:** Y

Name: Surfacing on US-59 in Anderson County

Location: US-59 from the North City Limits of Garnett (Part 2) North to the Anderson/Franklin Co Line

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Barton County

		Chg Cost						Chg Cost		
KA-4645-01	RCYLE	$1	2018					$151	2017	$152
ACNHP	A464501							$121	80.00%	
K		$1	100.00%					$30	20.00%	
NHPP Future Conversion								$121	2019	

County: Barton **Route:** U056 **Total Length (Miles):** 0.7 **Letting Type:** KDOT **NHS Project:** Y

Name: US-56 Barton County 1R Project

Location: Pawnee/Barton County Line to East City Limits of Pawnee Rock

Scope: Surfacing

								Add		
U-2323-01	MILOV							$403		$403
STATE								$300	74.42%	
U0280								$103	25.57%	

County: Barton **Route:** U056 **Total Length (Miles):** 0.5 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Great Bend

Location: 10th Street from Hickory Street to 1300 feet West of Kiowa Road

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Add		
X-3044-01	FLTSG							$251	2019	$251
ACHSP	X304401							$251	100.00%	
HSIP Future Conversion								$251	2019	

County: Barton **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: K&ORR & NW 30 Avenue 1 mile NW of Great Bend

Location: K&ORR & NW 30 Avenue 1 mile NW of Great Bend

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Add		
X-3045-01	FLTSG							$326	2019	$326
ACHSP	X304501							$326	100.00%	
HSIP Future Conversion								$326	2019	

County: Barton **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: K&ORR & Lakin Avenue in Great Bend

Location: K&ORR & Lakin Avenue in Great Bend

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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								Add		
X-3046-01	FLTSG							$251	2019	$251
ACHSP	X304601							$251	100.00%	
HSIP Future Conversion								$251	2019	

County: Barton **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: K&ORR & Grant Street in Great Bend

Location: K&ORR & Grant Street in Great Bend

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Add		
X-3047-01	FLTSG							$251	2019	$251
ACHSP	X304701							$251	100.00%	
HSIP Future Conversion								$251	2019	

County: Barton **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: K&ORR & Forest Avenue in Great Bend

Location: K&ORR & Forest Avenue in Great Bend

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

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Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Bourbon County

								Chg FF		
X-3001-01	FLTSG							$263	2018	$263
RRS	X300101							$263	100.00%	

County: Bourbon **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: BNSF & Deer Road 1 mile south of Garland

Location: BNSF & Deer Road 1 mile south of Garland

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Butler County

								Add		
C-4909-01	BRRPL							$940	2019	$940
C0008								$188	19.99%	
STP	C490901							$752	80.00%	

County: Butler **Route:** **Total Length (Miles):** 0.3 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Butler County

Location: Bridge located 2.8 miles E and 3.0 miles S of Andover over Four Mile Creek

Scope: Bridge Replacement

		Chg FF						Chg FF		
KA-4659-01	GDFC	$1	2018					$48	2018	$49
ACNHP	A465901							$48	100.00%	
K		$1	100.00%							
NHPP Future Conversion								$48	2019	

County: Butler **Route:** U400 **Total Length (Miles):** 1.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Guardrail along US-400 in Butler County

Location: US-400; approximately 4.4 miles West of the Butler/Greenwood County Line

Scope: Guardrail

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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		Chg FF						Chg FF		
KA-4750-01	GDFC	$1	2018					$46	2018	$47
ACNHP	A475001							$46	100.00%	
K		$1	100.00%							
NHPP Future Conversion								$46	2019	

County: Butler **Route:** U054 **Total Length (Miles):** 1.0 **Letting Type:** KDOT **NHS Project:** Y

Name: Guardrail along US-54 in Butler County

Location: US-54; East of US-400 approximately 4 miles and North of US-400 approximately 1 mile

Scope: Guardrail

		Add						Add		
KA-4813-01	MILOV	$110	2018					$2,310	2018	$2,420
ACSTP	A481301							$1,848	80.00%	
K		$110	100.00%					$462	20.00%	
STP Future Conversion								$1,848	2019	

County: Butler **Route:** K196 **Total Length (Miles):** 18.9 **Letting Type:** KDOT **NHS Project:** N

Name: Mill & Overlay on K-196 in Butler County

Location: K-196 in Butler County from the Harvey/Butler County Line East to K-254

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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				Chg FF				Chg FF		
X-2990-01	FLTSG			$10	2016			$249	2017	$259
RRP	X299001			$10	100.00%			$249	100.00%	

County: Butler **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: BNSF & Kickapoo Road 3 miles SW of El Dorado

Location: BNSF & Kickapoo Road 3 miles SW of El Dorado

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Chg FF		
X-2991-01	FLTSG							$430	2017	$430
RRP	X299101							$430	100.00%	

County: Butler **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: BNSF & 50th Street 4 miles SW of El Dorado

Location: BNSF & 50th Street 4 miles SW of El Dorado

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Chase County

								Add		
C-4910-01	BRRPL							$344	2019	$344
C0009								$69	20.00%	
STP	C491001							$275	80.00%	

County: Chase **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Chase County

Location: Bridge located 3.4 mi S & 5.4 mi E of Cottonwood Falls over Bloody Creek

Scope: Bridge Replacement

		Add		Add		Add			
KA-4430-01	BRRPL	$171	2016	$34	2018	$17	2018		$221
ACSTP	A443001	$137	80.00%			$13	80.00%		
K		$34	20.00%	$34	100.00%	$3	20.00%		
STP Future Conversion		$137	2023			$13	2023		

County: Chase **Route:** K177 **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Bridge Replacement in Chase County on K-177

Location: Bridge #024 Located 3.33 Miles North of US-50 on K-177 in Chase County

Scope: Bridge Replacement

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		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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		Add		Add		Add				
KA-4431-01	BRRPL	$171	2016	$34	2018	$17	2018			$221
ACSTP	A443101	$137	80.00%			$13	80.00%			
K		$34	20.00%	$34	100.00%	$3	20.00%			
STP Future Conversion		$137	2023			$13	2023			

County: Chase **Route:** K177 **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Bridge #023 on K-177 in Chase County

Location: K-177: Bridge #023 (Fox Creek Drainage) Located 5.7 Miles North of US-50.

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Cherokee County

								Chg FF		
X-3005-01	FLTSG							$224	2018	$224
RRP	X300501							$224	100.00%	

County: Cherokee **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: BNSF & Clem Road 4 miles southeast of Columbus

Location: BNSF & Clem Road 4 miles southeast of Columbus

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Chg Cost and FF		
X-3006-01	FLTSG							$361	2018	$361
RRS	X300601							$361	100.00%	

County: Cherokee **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: BNSF & Black Jack Road 2 miles NW of Baxter Springs

Location: BNSF & Black Jack Road 2 miles NW of Baxter Springs

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
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Clark County

		Chg Cost						Chg Cost		
KA-4656-01	MILOV	$1	2017					$229	2017	$230
ACSTP	A465601							$183	80.00%	
K		$1	100.00%					$46	20.00%	
STP Future Conversion								$183	2019	

County: Clark **Route:** U283 **Total Length (Miles):** 1.6 **Letting Type:** KDOT **NHS Project:** N

Name: US-283 Clark County 1R Project

Location: US-283 North of North City Limits Minneola North to Clark/Ford County Line

Scope: Mill and Overlay

		Chg Cost						Chg Cost		
KA-4679-01	SURCY	$1	2017					$578	2018	$579
ACSTP	A467901							$462	80.00%	
K		$1	100.00%					$116	20.00%	
STP Future Conversion								$462	2019	

County: Clark **Route:** U160 **Total Length (Miles):** 6.6 **Letting Type:** KDOT **NHS Project:** N

Name: US-160 in Clark County

Location: Beginning at South Junction US-160/US-283 to North Junction US-160/US-283

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Cowley County

		Add		Add		Add				
KA-3106-01	BRRPL	$1,280	2013	$150	2018	$150	2018			$1,580
ACNHP	A310601	$1,024	80.00%			$120	80.00%			
K		$256	20.00%	$150	100.00%	$30	20.00%			
NHPP Future Conversion		$1,024	2023			$120	2023			

County: Cowley **Route:** U166 **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** Y

Name: Bridge replacement in Cowley County

Location: US-166: 4.92 miles east of the Cowley/Sumner County Line (Arkansas River)

Scope: Bridge replacement

								Add		
U-2318-01	MILOV							$390	2019	$390
STATE								$300	76.85%	
U0030								$90	23.14%	

County: Cowley **Route:** U077 **Total Length (Miles):** 0.9 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Arkansas City

Location: US-166 from West Tyler Avenue to East Madison Avenue

Scope: Surfacing

FFY 2018 - 2021 State Transportation Improvement Program Amendment List

All Dollar Amounts in $1,000's, some totals may not sum due to rounding of dollars

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Add		
U-2332-01	MILOV							$544		$544
STATE								$300	55.18%	
U0640								$244	44.81%	

County: Cowley **Route:** U077 **Total Length (Miles):** 0.6 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Winfield

Location: Main Street from north of 19th Avenue to north of 11th Avenue

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Crawford County

								Add		
C-4911-01	BRRPL							$580	2019	$580
C0019								$116	19.99%	
STP	C491101							$464	80.00%	

County: Crawford **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Crawford County

Location: Crawford County: 580th St. between 20th & 30th St over Hickory Creek

Scope: Bridge Replacement

								Chg Cost		
U-2309-01	PEDBI							$244	2017	$244
TA	U230901							$187	76.68%	
U0570								$57	23.31%	

County: Crawford **Route:** **Total Length (Miles):** 0.5 **Letting Type:** KDOT **NHS Project:**

Name: Safe Routes Improvements in the City of Pittsburg

Location: 3 School Locations

Scope: Sidewalk Improvements

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Add		
U-2326-01	MILOV							$768	2020	$768
STATE								$600	78.16%	
U0570								$168	21.83%	

County: Crawford **Route:** U069 **Total Length (Miles):** 0.1 **Letting Type:** LOCAL **NHS Project:** Y
Name: Road Improvements in Pittsburg
Location: US-69 Bypass from 700 feet south of 20th Street, north to 20th Street
Scope: Surfacing

								Add		
U-2342-01	MILOV							$350		$350
STATE								$332	94.99%	
U0260								$17	5.00%	

County: Crawford **Route:** K047 **Total Length (Miles):** 1.5 **Letting Type:** LOCAL **NHS Project:** N
Name: Road Improvements in Girard
Location: St. John Street from West City Limits to East City Limits
Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Chg FF		
X-3002-01	FLTSG							$364	2018	$364
RRS	X300201							$364	100.00%	

County: Crawford **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N
Name: BNSF & 600 Avenue 1 mile south of Girard
Location: BNSF & 600 Avenue 1 mile south of Girard
Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Chg Cost and FF		
X-3003-01	FLTSG							$444	2018	$444
RRP	X300301							$444	100.00%	

County: Crawford **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N
Name: BNSF & 570 Avenue 4 miles south of Girard
Location: BNSF & 570 Avenue 4 miles south of Girard
Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

								Chg FF		
X-3004-01	FLTSG							$381	2018	$381
RRS	X300401							$381	100.00%	

County: Crawford **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N
Name: BNSF & 540 Avenue 3 miles north of Cherokee
Location: BNSF & 540 Avenue 3 miles north of Cherokee
Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Decatur County

								Add		
U-2343-01	PATCH							$300	2020	$300
STATE								$300	100.00%	

County: Decatur **Route:** U083 **Total Length (Miles):** 0.2 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Oberlin

Location: North Buffalo Avenue from West Elm Street north to West Frontier Parkway

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Dickinson County

								Add		
U-2322-01	MILOV							$443	2019	$443
STATE								$443	100.00%	

County: Dickinson **Route:** K043 **Total Length (Miles):** 1.1 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Enterprise

Location: K-43 from South City Limits to North City Limits

Scope: Surfacing

		Chg FF								
U-2339-01	PE	$15	2018							$15
SRTS	U233901	$12	80.00%							
U0300		$3	20.00%							

County: Dickinson **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Herington: SRTS Phase 1 Plan

Location: Herington, KS

Scope: Planning and Preliminary Engineering

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Edwards County

		Chg Cost						Chg Cost		
U-0478-01	PEDBI	$1	2017					$242	2017	$243
TA	U047801							$193	80.00%	
U0284		$1	100.00%					$48	20.00%	

County: Edwards **Route:** **Total Length (Miles):** 0.0 **Letting Type:** KDOT **NHS Project:**

Name: Sidewalk and pedestrian improvements in Kinsley

Location: City of Kinsley

Scope: Construct sidewalk

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Finney County

		Chg Cost						Chg Cost		
KA-4652-01	MILOV	$1	2017					$1,194	2017	$1,195
ACNHP	A465201							$955	80.00%	
K		$1	100.00%					$239	20.00%	
NHPP Future Conversion								$955	2019	

County: Finney **Route:** U050 **Total Length (Miles):** 3.0 **Letting Type:** KDOT **NHS Project:** Y

Name: US-50 & US-50B Finney County 1R Project

Location: US-50 East Junction US-50 and US-83 East to Towns Road. US-50B from Campus Drive East to East Junction US-50/US-83/US-50B

Scope: Mill and Overlay

		Add						Add		
KA-4765-01	PAVRC							$1,258	2019	$1,258
ACNHP	A476501							$800	63.58%	
STATE								$200	15.89%	
U0240								$258	20.51%	

County: Finney **Route:** K156 **Total Length (Miles):** 0.2 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Garden City

Location: Kansas Avenue between 3rd/4th Street east to Belmont Place

Scope: Reconstruction

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Ford County

								Add		
C-4912-01	BRRPL							$916	2019	$916
C0029								$183	20.00%	
STP	C491201							$733	80.00%	

County: Ford **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Ford County

Location: Bridge located 2.6 miles S and 3.0 miles W of Ford over Mulburry Creek

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Franklin County

								Add		
C-4913-01	BRRPL							$573	2019	$573
C0030								$115	20.00%	
STP	C491301							$458	80.00%	

County: Franklin **Route:** **Total Length (Miles):** 0.4 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Franklin County

Location: Bridge located 1.0 NW of Ottawa on Pawnee Road W of Eisenhower Road over Eight Mile Creek

Scope: Bridge Replacement

		Chg Cost						Chg Cost		
KA-4186-01	MILOV	$1	2017					$3,075	2018	$3,076
ACNHP	A418601							$2,460	80.00%	
K		$1	100.00%					$615	20.00%	
NHPP Future Conversion								$2,460	2019	

County: Franklin **Route:** U059 **Total Length (Miles):** 12.9 **Letting Type:** KDOT **NHS Project:** Y

Name: US-59 in Franklin County

Location: From the Anderson/Franklin County line North to the South City Limits of Ottawa

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Graham County

		Add						Add		
KA-4781-01	SURCY	$65	2018					$1,372	2018	$1,438
ACSTP	A478101							$1,098	80.00%	
K		$65	100.00%					$274	20.00%	
STP Future Conversion								$1,098	2019	

County: Graham **Route:** U283 **Total Length (Miles):** 12.6 **Letting Type:** KDOT **NHS Project:** N

Name: US-283 in Graham County

Location: US-283; From 2.7 Mi N of Graham/Trego Co Line N 12.6 Miles to Bridge #23

Scope: Surfacing

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All Dollar Amounts in $1,000's, some totals may not sum due to rounding of dollars

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Gray County

		Add						Add		
KA-4762-01	PAVRC	$74	2018					$930	2019	$1,004
STATE		$74	100.00%					$926	99.55%	
U0102								$4	0.44%	

County: Gray **Route:** U050 **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Road Improvements in Cimarron

Location: Avenue A from Maple Street to Cedar Street

Scope: Surfacing

FFY 2018 - 2021 State Transportation Improvement Program Amendment List

All Dollar Amounts in $1,000's, some totals may not sum due to rounding of dollars

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		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Greeley County

		Add						Add		
KA-4769-01	PAVRC	$50	2018					$708	2019	$758
STATE		$50	100.00%					$708	100.00%	

County: Greeley **Route:** K027 **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Road Improvements in Tribune

Location: Broadway Avenue from Harper Street north to Wichita Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Greenwood County

		Chg Cost						Chg Cost		
KA-4682-01	PATCH	$1	2018					$2,082	2018	$2,083
ACNHP	A468201							$1,665	80.00%	
K		$1	100.00%					$416	20.00%	
NHPP Future Conversion								$1,665	2019	

County: Greenwood **Route:** U400 **Total Length (Miles):** 15.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Surfacing on US-400 in Greenwood County

Location: US-400; from East Junction K-99 East to the Wilson/Greenwood County Line

Scope: Surfacing

								Add		
KA-4764-01	MILOV							$3,733	2019	$3,733
STATE								$1,000	26.79%	
U0200								$2,733	73.20%	

County: Greenwood **Route:** U054 **Total Length (Miles):** 1.7 **Letting Type:** KDOT **NHS Project:** Y

Name: Road Improvements in Eureka

Location: River Street from West City Limits to East City Limits

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Harvey County

		Cancel						Cancel		
C-4885-01	BRRPL									$0

County: Harvey **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N
Name: Bridge Replacement in Harvey County
Location: Bridge located 2.0 miles North of the County line and 0.5 mile West of I-135 over Jester Creek
Scope: Bridge Replacement

		Chg Cost						Chg Cost		
KA-4643-01	O-LAY	$1	2017					$1,958	2017	$1,959
ACNHP	A464301							$1,567	80.00%	
K		$1	100.00%					$392	20.00%	
NHPP Future Conversion								$1,563	2019	

County: Harvey **Route:** U050 **Total Length (Miles):** 8.2 **Letting Type:** KDOT **NHS Project:** Y
Name: US-50 Harvey County 1R project
Location: West City Limits of Walton to Harvey/Marion County Line
Scope: Mill and Overlay

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Jackson County

								Add		
C-4914-01	BRRPL							$309	2019	$309
C0043								$62	20.00%	
STP	C491401							$247	80.00%	

County: Jackson **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Jackson County

Location: Bridge located 3.0 miles N & .5 mile W of Delia over Sullivan Creek

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Kingman County

								Add		
C-4915-01	BRRPL							$1,292	2019	$1,292
C0048								$292	22.57%	
STP	C491501							$1,000	77.42%	

County: Kingman **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Kingman County

Location: Bridge located 0.5 miles S & 2.2 miles W of Murdock on SE 80th Ave. over South Fork of Ninnesch River

Scope: Bridge Replacement

								Add		
U-2325-01	MILOV							$353		$353
STATE								$300	84.98%	
U0400								$53	15.01%	

County: Kingman **Route:** U054 **Total Length (Miles):** 0.4 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Kingman

Location: US-54 from west of Chariton Street to LaSalle Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Kiowa County

		Chg FF						Chg FF		
KA-4751-01	GDFC	$1	2018					$255	2018	$256
ACNHP	A475101							$255	100.00%	
K		$1	100.00%							
NHPP Future Conversion								$255	2019	

County: Kiowa **Route:** U054 **Total Length (Miles):** 13.4 **Letting Type:** KDOT **NHS Project:** Y

Name: Guardrail along US-54 in Kiowa County

Location: Various Sites along US-54 from the Ford/Kiowa County Line East to US-183

Scope: Guardrail

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Lane County

								Add		
X-3043-01	FLTSG							$276	2019	$276
ACHSP	X304301							$276	100.00%	

County: Lane **Route:** K096 **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: K&ORR & K-96 3 miles east of Dighton

Location: K&ORR & K-96 3 miles east of Dighton

Scope: Railroad crossing improvements

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Lyon County

								Add		
U-2321-01	MILOV							$587		$587
STATE								$300	51.14%	
U0190								$287	48.85%	

County: Lyon **Route:** K099 **Total Length (Miles):** 1.3 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Emporia

Location: Commercial Street from Kansas Avenue to BNSF Railroad and 12th Avenue to I-35

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Marion County

								Chg Cost		
TE-0444-01	LNDBT							$1,298	2018	$1,298
TA	T044401							$716	55.15%	
U0346								$582	44.84%	

County: Marion **Route:** **Total Length (Miles):** 0.3 **Letting Type:** KDOT **NHS Project:**

Name: Revitalization in the City of Marion

Location: Main Street (K-256) from 1st Street to 5th Street

Scope: Revitalization

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Marshall County

		Add								
KA-4386-01	PE	$100	2018							$100
K		$100	100.00%							

County: Marshall **Route:** U036 **Total Length (Miles):** 3.4 **Letting Type:** NONE **NHS Project:** Y

Name: Traffic Study in Marysville

Location: US-36 in Marysville

Scope: Traffic Study in Marysville

								Add		
KA-4759-01	PAVRC							$1,541	2019	$1,541
STATE								$1,000	64.88%	
U0470								$541	35.11%	

County: Marshall **Route:** U077 **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Road Improvements in Marysville

Location: South 10th Street from Center Street south 1900 feet

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
		Add						Add		
KA-4800-01	MILOV	$63	2018					$1,313	2018	$1,375
ACSTP	A480001							$1,050	80.00%	
K		$63	100.00%					$263	20.00%	
STP Future Conversion								$1,050	2019	

County: Marshall **Route:** K099 **Total Length (Miles):** 14.5 **Letting Type:** KDOT **NHS Project:** N

Name: Surfacing on K-99 in Marshall County

Location: K-99 from the Junction K-99/US-36 then North to the Nebraska State Line

Scope: Surfacing

								Chg Cost		
TE-0440-01	PEDBI							$145	2017	$145
TA	T044001							$87	60.39%	
U0470								$57	39.60%	

County: Marshall **Route:** **Total Length (Miles):** 0.3 **Letting Type:** KDOT **NHS Project:** Y

Name: Crosswalk Improvements in the City of Marysville

Location: City of Marysville south of Walnut on US-77

Scope: Crosswalk Improvements

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

McPherson County

		Chg FF								
U-2340-01	PE	$15	2018							$15
SRTS	U234001	$12	79.99%							
U0385		$3	19.99%							

County: McPherson **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Moundridge: SRTS Phase 1 Plan

Location: Moundridge, KS

Scope: SRTS Planning and Preliminary Engineering

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Mitchell County

								Add		
C-4917-01	BRRPL							$667	2019	$667
C0062								$133	20.00%	
STP	C491701							$534	79.99%	

County: Mitchell **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Mitchell County

Location: Bridge located 1.5 miles W, 4.5 miles N of Glen Elder over Limestone Creek

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Montgomery County

								Add		
C-4918-01	BRRPL							$549	2019	$549
C0063								$110	20.00%	
STP	C491801							$439	79.99%	

County: Montgomery **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Montgomery County

Location: Bridge located 3.0 miles E & .9 miles N of Caney on 2100 Rd over Hafer Run

Scope: Bridge Replacement

								Chg FF		
X-2979-01	FLTSG							$281	2017	$281
RRP	X297901							$281	100.00%	

County: Montgomery **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: SKORR & W Maple Street in Independence

Location: SKORR & W Maple Street in Independence

Scope: Rail-Highway Signals Flashing Light Cantilever Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Chg Cost		
X-3012-01	FLTSG							$420	2018	$420
ACHSP	X301201							$420	100.00%	
HSIP Future Conversion								$420	2018	

County: Montgomery **Route:** U169 **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** Y

Name: SK&ORR & US-169 (Walnut St) in Coffeyville

Location: SK&ORR & US-169 (Walnut St) in Coffeyville

Scope: Rail-Highway Signals Flashing Light Cantilever Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Morris County

								Add		
KA-4814-01	MILOV							$574	2018	$574
K								$574	100.00%	

County: Morris **Route:** K149 **Total Length (Miles):** 6.1 **Letting Type:** KDOT **NHS Project:** N

Name: K-149 in Morris County

Location: K-149 in Morris County Beginning from Junction K-149/US-56 thence North to Junction K-149/K-4

Scope: Surfacing

								Chg FF		
X-2993-01	FLTSG							$326	2017	$326
RRP	X299301							$326	100.00%	

County: Morris **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NEGOT **NHS Project:** N

Name: UPRR & S. 3000 Road 2.5 Miles SW of Latimer

Location: UPRR & S. 3000 Road 2.5 Miles SW of Latimer

Scope: Rail-Highway Signals Flashing Light Straight Post Type w/Gates

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Neosho County

		Chg Cost						Chg Cost		
KA-4684-01	SU	$1	2017					$1,699	2018	$1,700
ACNHP	A468401							$1,360	80.00%	
K		$1	100.00%					$340	20.00%	
NHPP Future Conversion								$1,360	2019	

County: Neosho **Route:** U059 **Total Length (Miles):** 15.4 **Letting Type:** KDOT **NHS Project:** Y

Name: US-59 in Neosho County

Location: From the Labette/Neosho County Line thence North to Junction K-146

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Ness County

								Add		
C-4919-01	BRRPL							$601	2019	$601
C0068								$120	20.00%	
STP	C491901							$481	79.99%	

County: Ness **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Ness County

Location: Bridge located 3.0 mi W of US-283 & 2.2 mi N of Ness/Hodgeman co line on Road P over Guzzlers Gulch

Scope: Bridge Replacement

		Chg Cost		Chg Cost		Chg Cost		Chg Cost		
KA-4049-01	GRSU	$153	2018	$1	2018	$29	2018	$895	2018	$1,078
ACSTP	A404901							$716	80.00%	
K		$153	100.00%	$1	100.00%	$29	100.00%			
STATE								$179	20.00%	
STP Future Conversion								$716	2019	

County: Ness **Route:** K004 **Total Length (Miles):** 0.3 **Letting Type:** KDOT **NHS Project:** N

Name: Reconstruction in the city of Brownell

Location: K-4 from West City Limits East to the East City Limits

Scope: Remove and replace existing pavement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Norton County

								Add		
C-4920-01	BRRPL							$375	2019	$375
C0069								$75	20.00%	
STP	C492001							$300	79.99%	

County: Norton **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Norton County

Location: Bridge located .5 miles S & 2.0 Miles W of New Almelo on Road W14 over Solomon River

Scope: Bridge Replacement

		Chg Cost						Chg Cost		
KA-4550-09	FLOOD							$247	2018	$247
ACSTP	A455009							$198	80.00%	
ER Future Conversion								$198	2018	
K								$49	20.00%	

County: Norton **Route:** U283 **Total Length (Miles):** 0.0 **Letting Type:** KDOT **NHS Project:** N

Name: US-283 Bridge #075 (North Fork Solomon River Drainage)

Location: Structure #075 US-283 in Norton County

Scope: Flood Repair Damage

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Add		
KA-4817-01	MILOV							$997	2018	$997
K								$997	100.00%	

County: Norton **Route:** K383 **Total Length (Miles):** 10.3 **Letting Type:** KDOT **NHS Project:** N
Name: K-383 in Norton County
Location: K-383 in Norton County Beginning at East Junction US-36/K-383 thence Northeaterly to the Phillips/Norton County Line
Scope: Surfacing

								Add		
KA-4818-01	MILOV							$416	2018	$416
K								$416	100.00%	

County: Norton **Route:** K060 **Total Length (Miles):** 4.3 **Letting Type:** KDOT **NHS Project:** N
Name: K-60 in Norton County
Location: K-60 in Norton County Beginning at Junction US-36/K-60 thence North to Junction K-60/K-383
Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Osage County

								Add		
KA-4760-01	PAVRC							$1,481	2018	$1,481
STATE								$600	40.52%	
U0424								$881	59.47%	

County: Osage **Route:** K031 **Total Length (Miles):** 0.5 **Letting Type:** KDOT **NHS Project:** N

Name: Road Improvements in Osage City

Location: Market Street from Martin Street to 4th Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Osborne County

								Add		
C-4921-01	BRRPL							$476	2019	$476
C0071								$95	19.99%	
STP	C492101							$380	80.00%	

County: Osborne **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Osborne County

Location: Bridge located 9 miles S & 1.8 miles E of Osborne on W 180th Drive over tributary of Twin Creek

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Pawnee County

		Chg Cost						Chg Cost		
KA-4646-01	RCYLE	$1	2018					$1,531	2017	$1,532
ACNHP	A464601							$1,225	80.00%	
K		$1	100.00%					$306	20.00%	
NHPP Future Conversion								$1,225	2019	

County: Pawnee **Route:** U056 **Total Length (Miles):** 7.4 **Letting Type:** KDOT **NHS Project:** Y

Name: US-56 Pawnee County 1R project

Location: East City Limits of Larned East to Pawnee/Barton County Line

Scope: Surfacing

		Chg FF								
U-2345-01	PE	$15	2018							$15
SRTS	U234501	$12	80.00%							
U0410		$3	20.00%							

County: Pawnee **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: USD 495-Larned: SRTS Phase 1 Plan

Location: Larned, KS

Scope: SRTS Planning and Preliminary Engineering

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
Phillips County										
		Add				Add		Add		
KA-4761-01	PAVRC	$90	2018			$160	2018	$958	2019	$1,208
STATE		$86	95.00%			$152	95.00%	$762	79.58%	
U0565		$5	5.00%			$8	5.00%	$195	20.41%	

County: Phillips **Route:** U036 **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Road Improvements in Phillipsburg

Location: State Street from Eighth Street to the East City Limits

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Pottawatomie County

								Add		
U-2328-01	MILOV							$411	2019	$411
STATE								$300	73.01%	
U0492								$111	26.98%	

County: Pottawatomie **Route:** U024 **Total Length (Miles):** 0.4 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in St. Marys

Location: West Bertrand Street from west city limits through the K-63 intersection

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Reno County

		Remove FF						Remove FF		
KA-4686-01	MILOV	$1	2017					$839	2018	$840
K		$1	100.00%					$839	100.00%	

County: Reno **Route:** K014 **Total Length (Miles):** 3.9 **Letting Type:** KDOT **NHS Project:** Y

Name: Surfacing on K-14 in Reno County

Location: From 4 Miles Southeast of Nickerson, Northwest to the East City Limits of Nickerson

Scope: Surfacing

								Add		
U-2324-01	MILOV							$505		$505
STATE								$300	59.40%	
U0350								$205	40.59%	

County: Reno **Route:** K061 **Total Length (Miles):** 0.9 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Hutchinson

Location: K-61 from Avenue G to N Lorraine Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Republic County

								Add		
C-4923-01	BRRPL							$637	2019	$637
C0079								$127	20.00%	
STP	C492301							$509	79.99%	

County: Republic **Route:** **Total Length (Miles):** 0.1 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Republic County

Location: Bridge located 1.0 mi E of Warwick

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Rice County

								Add		
KA-4768-01	PAVRC							$778	2019	$778
STATE								$600	77.14%	
U0527								$178	22.85%	

County: Rice **Route:** K014 **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** Y

Name: Road Improvements in Sterling

Location: Sterling: K-14 from Lincoln St to Forest St

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Saline County

		Chg Cost						Chg Cost		
KA-4641-01	UBAS	$1	2017					$575	2017	$576
ACSTP	A464101							$460	80.00%	
K		$1	100.00%					$115	20.00%	
STP Future Conversion								$460	2019	

County: Saline **Route:** K143 **Total Length (Miles):** 4.7 **Letting Type:** KDOT **NHS Project:** N

Name: K-143 Saline County 1R project

Location: K-143 from I-70 junction to US-81 Junction

Scope: Resurfacing

		Add						Add		
KA-4810-01	PATCH	$60	2018					$1,250	2018	$1,310
ACNHP	A481001							$1,125	90.00%	
K		$60	100.00%					$125	10.00%	
NHPP Future Conversion								$1,125	2019	

County: Saline **Route:** I135 **Total Length (Miles):** 18.8 **Letting Type:** KDOT **NHS Project:** Y

Name: Pavement Patching on I-135

Location: I-135 in Saline County from the McPherson/Saline County Line, North to I-70

Scope: Patching

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Scott County

		Chg Cost						Chg Cost		
KA-4648-01	SURCY	$1	2017					$1,595	2017	$1,596
ACSTP	A464801							$1,276	80.00%	
K		$1	100.00%					$319	20.00%	
STP Future Conversion								$1,272	2019	

County: Scott **Route:** K096 **Total Length (Miles):** 11.8 **Letting Type:** KDOT **NHS Project:** N

Name: K-96 Scott County 1R Project

Location: Wichita/Scott County Line East to Scott City

Scope: 2" Surface Recycle

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Smith County

								Add		
U-2327-01	MILOV							$446	2019	$446
STATE								$300	67.28%	
U0516								$146	32.71%	

County: Smith **Route:** U281 **Total Length (Miles):** 0.3 **Letting Type:** LOCAL **NHS Project:** Y

Name: Road Improvements in Smith Center

Location: Main Street from K & O Railroad to First Street

Scope: Surfacing

		Chg FF								
U-2341-01	PE	$20	2018							$20
SRTS	U234101	$12	59.40%							
U0516		$8	40.59%							

County: Smith **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Smith Center: SRTS Phase 1 Plan

Location: Smith Center, KS

Scope: SRTS Planning and Preliminary Engineering

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Stafford County

		Chg FF								
U-2344-01	PE	$15	2018							$15
SRTS	U234401	$12	80.00%							
U0491		$3	20.00%							

County: Stafford **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: St. John: SRTS Phase 1 Plan

Location: St. John, KS

Scope: SRTS Planning and Preliminary Engineering

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Sumner County

								Add		
U-2347-01	MILOV							$248	2020	$248
STATE								$223	89.99%	
U0620								$25	10.00%	

County: Sumner **Route:** U160 **Total Length (Miles):** 0.2 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Wellington

Location: East 16th Street from 50 feet west of North Woodlawn Street to 80 feet east of North Day Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Thomas County

								Add		
U-2320-01	MILOV							$420		$420
STATE								$300	71.37%	
U0134								$120	28.62%	

County: Thomas **Route:** K025 **Total Length (Miles):** 1.0 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Colby

Location: K-25 from 1090 feet north of College Drive to Fourth Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Wabaunsee County

								Add		
C-4924-01	BRRPL							$415	2019	$415
C0099								$83	20.00%	
STP	C492401							$332	80.00%	

County: Wabaunsee **Route:** **Total Length (Miles):** 0.2 **Letting Type:** KDOT **NHS Project:** N

Name: Bridge Replacement in Wabaunsee County

Location: Bridge located 2.0 miles S & 5.2 miles E of Eskridge over Hatch Creek

Scope: Bridge Replacement

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Washington County

								Add		
U-2319-01	MILOV							$285	2019	$285
STATE								$285	100.00%	

County: Washington **Route:** K009 **Total Length (Miles):** 0.3 **Letting Type:** LOCAL **NHS Project:** N

Name: Road Improvements in Clifton

Location: K-9 from West Street to Willow Street

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Wilson County

		Chg Cost						Chg Cost		
KA-4681-01	SEAL	$1	2017					$56	2018	$57
ACNHP	A468101							$45	80.00%	
K		$1	100.00%					$11	20.00%	
NHPP Future Conversion								$45	2019	

County: Wilson **Route:** U075 **Total Length (Miles):** 2.1 **Letting Type:** KDOT **NHS Project:** Y

Name: Surfacing on US-75 in Wilson County

Location: US-75; from US-400 North to the Fall River Bridge

Scope: Surfacing

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	

Statewide County

		Add						Add		
KA-0433-17	SG	$3	2018					$190	2018	$193
HSIP	A043317	$3	100.00%					$190	100.00%	

County: Statewide **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N
Name: Signing Projects
Location: Statewide
Scope: Statewide signing projects for Fiscal Year 2017

		Chg Cost						Chg Cost		
KA-0433-18	SG	$2,290						$6,510		$8,800
HSIP	A043318	$2,290	100.00%					$6,510	100.00%	

County: Statewide **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N
Name: Master for Signing Projects
Location: Statewide
Scope: Master for Statewide signing projects for Fiscal Year 2018

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
								Add		
KA-4770-01	RRIMP							$9,223	2018	$9,223
HTDG	A477001							$5,000	54.20%	
K								$850	9.21%	
RR								$3,373	36.57%	

County: Statewide **Route:** **Total Length (Miles):** 0.0 **Letting Type:** OTHER **NHS Project:**

Name: Bridge Rehabilitation along the Kyle Railroad Line

Location: Along the Kyle Railroad line, across the entire network in Kansas

Scope: Bridge Rehabilitation along the Kyle Railroad Line

		Add								
KA-4798-01	STUDY	$25	2018							$25
K		$25	100.00%							

County: Statewide **Route:** U075 **Total Length (Miles):** 37.9 **Letting Type:** NONE **NHS Project:** Y

Name: Passing Lane Evaluation on US-75 in Northeast Kansas

Location: US-75 from Holton north to Nebraska

Scope: Passing lane study

FFY 2018 - 2021 State Transportation Improvement Program Amendment List

All Dollar Amounts in $1,000's, some totals may not sum due to rounding of dollars

Kansas STIP January Amendment -as of 12-20-2017

		Preliminary Engineering		Right of Way		Utilities		Const + Const Engineering		
		Disposition		Disposition		Disposition		Disposition		
Project Number	**Work Type**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**WP Est Amount**	**Proj WP Obligation FFY**	**Total Project Est Amt**
Fund Category	**Federal Agreement Number**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	**WP Est Obligation Amount**	**WP Fund Pro Rata**	
		Add								
KA-4799-01	STUDY	$30	2018							$30
K		$6	20.00%							
STIC	A479901	$24	80.00%							

County: Statewide **Route:** **Total Length (Miles):** 0.0 **Letting Type:** NONE **NHS Project:** N

Name: Local concrete bridge alt load rating procedure

Location: Statewide

Scope: Local bridge load ratings

STIP Amendment Disposition Key

Disposition	Definition
Add	The project/project phase is being added to the current year of the STIP.
Add AC	The state has elected to use the funding mechanism of 'Advance Construction' on the project/project phase.
Add FF	Federal Funds are being added to the project/project phase.
Cancel	The project/project phase has been cancelled.
Cnvrt AC	A project/project phase that was funded using the advance construction mechanism is being converted from Advance Construction to federal funding. In this way the project/ project phase becomes eligible for reimbursement with federal funds.
Chg AC Cnvrt Yr	A project/project phase funded using the advance construction mechanism has had a change in the anticipated conversion year to federal funding.
Chg Cost	The project/project phase estimate/cost is being revised.
Chg Cost and FF	The project/project phase estimate/cost has changed and the associated funding on the project has changed. (For example, there may have been a maximum federal participation on the project so the State percentage may have increased with the change in cost. etc).
Chg Dscrp	The project location description has undergone revision or is being corrected.
Chg FA Num	The federal aid project number has changed or is being corrected.
Chg FF	The federal funding on the project/project phase has changed in some manner.
Chg Project Num	The state project number has changed or is being corrected.
Chg Scope	The project scope has been revised or corrected.
Chg Scope and Cost	The project scope has been revised and the project/ project phase cost has changed.
Chg WP	The disposition is for any change to a work phase other than Cancel.
Move In	The project/ project phase is moving into the current federal fiscal year of the STIP from another year.
Move Out	The project /project phase is moving out of the current Fiscal Year of the STIP.
Remove FF	Federal funding has been removed from project phase(s).

KDOT Cash-Flow Worksheet

as of December 20, 2017

KDOT - All Agency Funds

($000)	2018	2019	2020	2021	FY 2018-2021
BEGINNING BALANCE	414,309	511,512	523,027	362,803	414,309
Resources					
Motor Fuel Taxes	454,498	459,198	460,398	461,598	1,835,692
Sales & Compensating Tax	525,135	534,768	544,124	553,644	2,157,671
Registration Fees	207,500	207,500	207,500	207,500	830,000
Drivers Licenses Fees	8,843	8,843	8,843	8,843	35,372
Special Vehicle Permits	2,708	2,708	2,708	2,708	10,832
Interest on Funds	5,065	3,221	3,110	2,026	13,422
Misc. Revenues	11,442	11,110	8,158	8,201	38,911
Transfers:	1,158	1,158	1,158	1,158	4,632
Motor Carrier Property Tax	-	-	-	-	-
Transfers Out	(527,062)	(531,857)	(544,124)	(553,644)	(2,156,687)
Subtotal	689,287	696,649	691,875	692,034	2,769,845
Federal and Local Construction Reimbursement					
Federal Reimbursement - SHF	258,839	293,320	291,492	296,723	1,140,374
Local Construction - Federal	52,417	81,673	83,144	71,551	288,785
Local Construction - Local	20,092	28,553	21,901	21,621	92,167
Miscellaneous Federal Aid	36,136	36,553	35,907	35,907	144,503
Subtotal Federal & Local	367,484	440,099	432,444	425,802	1,665,829
Total before Bonding	1,056,771	1,136,748	1,124,319	1,117,836	4,435,674
Bond Sales (par)	241,000	200,000	-	-	441,000
Issue Costs/Premium/Discount/Acc Int.	-	-	-	-	-
Net from Bond Sales:	241,000	200,000	-	-	441,000
Net TRF Loan Transactions	4,815	3,038	2,698	2,674	13,225
TOTAL RECEIPTS	1,302,586	1,339,786	1,127,017	1,120,510	4,889,899
AVAILABLE RESOURCES	1,716,895	1,851,298	1,650,044	1,483,313	5,304,208

The following revenue estimates are currently being used:
November 2017 State Consensus Revenue Estimating Group
November 2017 Highway Revenue Estimating Group
Debt Service updated October 2017

KDOT Cash-Flow Worksheet

as of December 20, 2017

EXPENDITURES:	2018	2019	2020	2021	FY 2018-2021
Maintenance					
Regular Maintenance	136,902	140,446	143,958	147,557	568,863
City Connecting Links	3,360	3,360	3,360	3,360	13,440
Total Maintenance	140,262	143,806	147,318	150,917	582,303
Construction					
Preservation	192,586	289,098	335,522	299,889	1,117,095
Modernization	32,804	38,858	12,478	7,834	91,974
Expansion & Enhancements	140,066	138,319	87,831	71,727	437,943
CE & PE	57,265	58,402	59,746	61,123	236,536
Local Federal Aid Projects	59,460	86,303	77,566	84,793	308,122
Buildings	8,725	9,364	9,598	9,838	37,525
Total Construction	490,906	620,344	582,741	535,204	2,229,195
Local Support					
Agency Operations	1,724	1,763	1,807	1,852	7,146
SC&CHF	152,812	154,422	154,825	155,229	617,288
Local Partnership Programs	30,825	45,679	46,735	30,645	153,884
Categorical Grants	40,000	30,000	25,000	25,000	120,000
Other					-
Total Local Support	225,361	231,864	228,367	212,726	898,318
Transportation Planning & Modal Support					
Agency Operations	13,020	12,705	13,023	13,349	52,097
Aviation	9,495	6,582	5,557	5,196	26,830
Public Transit	36,794	36,988	36,988	36,988	147,758
Rail	14,069	9,071	7,348	6,770	37,258
Other Planning	27,074	6,020	6,002	5,874	44,970
Total Planning & Modal Surrport	100,452	71,366	68,918	68,177	308,913
Administration	50,793	50,191	51,421	52,682	205,087
TOTAL before Debt Service	1,007,774	1,117,571	1,078,765	1,019,706	4,223,816
Debt Service	197,609	210,700	208,476	208,700	825,485
TOTAL EXPENDITURES	1,205,383	1,328,271	1,287,241	1,228,406	5,049,301
ENDING BALANCE	511,512	523,027	362,803	254,907	254,907
	2018	2019	2020	2021	FY 2018-2021

Required Ending Balances reflect:

1. Amounts required to satisfy bond debt service requirements.
2. Funds allocated by statute for distribution to specific programs.
3. An amount necessary to provide for orderly payment of agency bills.

City of Lawrence
Douglas County
PLANNING & DEVELOPMENT SERVICES

6 East 6th St.
P.O. Box 708
Lawrence, KS 66044

www.lawrenceks.org/pds

Phone 785-832-3150
Tdd 785-832-3205
Fax 785-832-3160

December 18, 2017

Mr. Cory Davis
Comprehensive Transportation Planning Unit Manager
Kansas Department of Transportation
Bureau of Transportation Planning
700 SW Harrison
Topeka, KS 66603

Dear Mr. Davis:

I'm sending this letter to inform you that on December 14, 2017 the Lawrence-Douglas County Metropolitan Planning Organization (L-DC MPO) approved Amendment #3 to the 2017-2020 Transportation Improvement Program. This amendment includes the addition and updates to several projects from the City of Lawrence, KDOT, and City of Baldwin City. These TIP changes were recommended for approval by the L-DC MPO Technical Advisory Committee on December 5, 2017. The MPO approved amended TIP and summary of amendment changes are enclosed with this letter.

I would appreciate it if you could review and approve this TIP Amendment and forward a copy of this document to the Federal Transit Administration and Federal Highway Administration for their approval. If you have any questions concerning this revised TIP please call me at (785) 832-3155.

Sincerely,

Ashley Myers

Ashley Myers, AICP
Transportation Planner

Enclosures: 2017-2020 TIP Amendment #3
Summary of Amendment Changes

cc: Daniel Nguyen, FTA
Paul Foundoukis, FHWA

Appendix H - Summary of TIP Changes

Costs in 1,000s

FFY 2017 - 2020 L-DC MPO Transportation Improvement Program (TIP)

Revision Summary: Amendment 3

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
505	TE-0459-01	19th & Iowa St Ped/Bike Underpass	Lawrence	New Project	Adding $200 of Local PE in 2018, $200 of Local CE in 2019, $1,597 TA CONST in 2019, and $400 of Local CONST in 2019.	$2,397
506	U-2334-01	Lawrence Safe Routes to School TA Phase 2	Lawrence	New Project	Adding $20 of Local PE, $394 of TA CONST, $99 of Local CONST, and $20 of Local CE funding in 2018.	$533
110	KA-4473-04	23rd St 2 Way Left Turn Lane	KDOT	Project Change	Revising 2019 State CONST from $500 to $460, adding $10 of 2019 Local CE, $940 of 2019 Local CONST, $20 of 2019 State PE, and $20 of 2019 State ROW funding.	$1,450
212		9th Street Reconstruction	Lawrence	Project Change	Revising 2015 Local PE from $300 to $170, Revising 2018 Local CONST from $3,000 to $2,330, and reducing 2018 Local UTIL from $300 to $0.	$2,500
230		Queens Road, 6th to North City Limits	Lawrence	Project Change	Updating project description to correctly include a roundabout at Overland Dr and Queens Rd.	$3,800
500	23TE-0373-01	Santa Fe Depot Restoration	Lawrence	Project Change	Shifting 2016 Local PE to 2018.	$1,501
501	TE-0424-01	Baldwin City Depot Railscape	Baldwin City	Project Change	Shifting and revising 2016 funding to 2018 funding. TA CE from $5 to $27, Local CE from $2 to $14, TA CONST from $169 to $163, Local CONST from $83 to $80, and $1 of Local PE funding.	$285

Project Sponsor: KDOT

Project Name: 23rd St 2 Way Left Turn Lane

TIP #: 110

KDOT #: KA-4473-04

Length (mi): 0.32

Location: 23rd St: Louisiana St to Massachusetts St

Project Type: Road

Work Type: Special Work

Date Added: 2/2017

Last Revised: 12/2017

Description:
Construction of a 2 way left turn lane on 23rd St from Louisiana St to Massachusetts St

Comments:
This project is part of the 23rd St KDOT/City turn back agreement. Agreement #385-16 was executed 4/24/17.

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	CE	$0	$0	$10
2019	State	CONST	$0	$460	$0
2019	Local	CONST	$0	$0	$940
2019	State	PE	$0	$20	$0
2019	State	ROW	$0	$20	$0

Federal Total: $0 **Non-Federal Total:** $1,450 **Grand Total:** $1,450

Project Sponsor: Lawrence

Project Name: 9th Street Reconstruction

TIP #: 212

KDOT #:

Length (mi): 0.45

Location: Massachusetts St to Delaware St

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 10/2014

Last Revised: 12/2017

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

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2015	Local	PE	$0	$0	$170
2018	Local	CONST	$0	$0	$2,330

Federal Total: $0 **Non-Federal Total:** $2,500 **Grand Total:** $2,500

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)
(Includes the Program of Projects for the Lawrence Transit System)

Project Sponsor: Lawrence

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

TIP #: 230

KDOT #:

Length (mi): 0.75

Location: 6th Street to North City Limits

Project Type: Road

Work Type: Reconstruction

Date Added: 8/2015

Last Revised: 12/2017

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

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
2018	Local	CONST	$0	$0	$3,000

Federal Total: $0 **Non-Federal Total:** $3,800 **Grand Total:** $3,800

Project Sponsor: Lawrence

Project Name: Santa Fe Depot Restoration

TIP #: 500

KDOT #: 23TE-0373-01

Length (mi):

Location: 413 East 7th Street, Lawrence, KS

Project Type: Enhancement

Work Type: Special Work

Date Added: 10/2014

Last Revised: 12/2017

Description:
Revitalize the Santa Fe Depot site and building

Comments:
TA funding to pay 80% of eligible costs.

FFY	Fund Source	Phase	Federal	State	Local
2017	TA	CE	$88	$0	$0
2017	Local	CE	$0	$0	$22
2017	TA	CONST	$1,112	$0	$0
2017	Local	CONST	$0	$0	$278
2018	Local	PE	$0	$0	$1

Federal Total: $1,200 **Non-Federal Total:** $301 **Grand Total:** $1,501

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)
(Includes the Program of Projects for the Lawrence Transit System)

Project Sponsor: Baldwin City
Project Name: Baldwin City Depot Railscape

TIP #: 501
KDOT #: TE-0424-01

Length (mi): 0.00
Location:

Project Type: Enhancement
Work Type: Other

Date Added: 10/2014
Last Revised: 12/2017

Description:
Extend the length of the brick boarding platform, cover the platform and install lighting, install native prairie landscaping and three additional ADA parking spaces to complete the Depot Railscape.

Comments:
2014 KDOT Transportation Alternatives Project

FFY	Fund Source	Phase	Federal	State	Local
2018	TA	CE	$27	$0	$0
2018	Local	CE	$0	$0	$14
2018	TA	CONST	$163	$0	$0
2018	Local	CONST	$0	$0	$80
2018	Local	PE	$0	$0	$1

Federal Total: $190 **Non-Federal Total:** $95 **Grand Total:** $285

Project Sponsor: Lawrence
Project Name: 19th & Iowa St Ped/Bike Underpass

TIP #: 505
KDOT #: TE-0459-01

Length (mi): 0.02
Location: 19th St & Iowa St (US-59) Intersection

Project Type: Enhancement
Work Type: Pedestrian & Bicycle Work

Date Added: 12/2017
Last Revised:

Description:
Pedestrian/bicycle underpass

Comments:
KDOT awarded Transportation Alternatives (TA) grant for FFY2019. Linked with project #203. Pending Advanced Construction.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	PE	$0	$0	$200
2019	Local	CE	$0	$0	$200
2019	TA	CONST	$1,597	$0	$0
2019	Local	CONST	$0	$0	$400

Federal Total: $1,597 **Non-Federal Total:** $800 **Grand Total:** $2,397

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence

Project Name: Lawrence Safe Routes to School TA Phase 2

TIP #: 506

KDOT #: U-2334-01

Length (mi): 0.40

Location: City of Lawrence

Project Type: Safe Routes to School (SRTS)

Work Type: Pedestrian & Bicycle Work

Date Added: 12/2017

Last Revised:

Description:
New sidewalk construction along designated Safe Routes to School. Driveway and sidewalk ramp construction will be included for ADA compliance.

Comments:
This project will give a space for children to walk and/or bike to school along designated safe routes.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CE	$0	$0	$20
2018	TA	CONST	$394	$0	$0
2018	Local	CONST	$0	$0	$99
2018	Local	PE	$0	$0	$20

Federal Total: $394 **Non-Federal Total:** $139 **Grand Total:** $533

Appendix G – Funding Summary Table

The table below displays the fiscal breakdown by funding source for all roadway and transit projects listed in the 2017-2020 TIP. The projects are shown by year and funding source.

Estimated Expenditures by Year and Funding Source (in thousands)						
Funding Source		**FFY 2017**	**FFY 2018**	**FFY 2019**	**FFY 2020**	**Total**
Federal Funds	FTA 5307	$ 2,135	$ 2,135	$ 2,135	$ -	**$ 6,405**
	FTA 5310	$ 47	$ 156	$ -	$ -	**$ 203**
	FTA 5311	$ 54	$ 57	$ -	$ -	**$ 111**
	HSIP	$ 1,100	$ 1,245	$ 600	$ 500	**$ 3,445**
	STP	$ -	$ -	$ -	$ -	**$ -**
	TE/TA	$ 1,462	$ 773	$ 1,597	$ -	**$ 3,832**
	HRRR	$ 36	$ -	$ -	$ -	**$ 36**
	Other	$ -	$ -	$ -	$ -	**$ -**
State		$ 4,310	$ 2,792	$ 6,165	$ 500	**$ 13,767**
State AC Conversion*		$ (500)	$ (500)	$ (500)	$ (500)	**$ (2,000)**
Local		$ 24,404	$ 23,798	$ 9,024	$ 1,470	**$ 58,696**
Total		**$ 33,048**	**$ 30,456**	**$ 19,021**	**$ 1,970**	**$ 84,495**

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

Anticipated Funding (in thousands)					
Funding Source	**FFY 2017**	**FFY 2018**	**FFY 2019**	**FFY 2020**	**Total**
Federal: FTA	$ 2,698	$ 2,739	$ 2,780	$ 2,822	**$ 11,038**
Federal: FHWA	$ 10,650	$ 10,810	$ 10,972	$ 11,137	**$ 43,570**
State	$ 2,604	$ 3,366	$ 7,183	$ 2,723	**$ 15,877**
Local	$ 33,971	$ 32,527	$ 17,810	$ 18,077	**$102,384**
Total	**$ 49,924**	**$ 49,442**	**$ 38,745**	**$34,759**	**$172,870**

Anticipated funding is based on historical TIP programs averages from FFY2012-2015 that can be reasonably expected for FFY2017-2020. Local anticipated funding also includes known bonds and other sources of local funds for FFY2017 and FFY2018. Federal and State Funding as well as FFY2019 and FFY2020 Local funds includes 1.5% inflation.

The 2008 Lawrence sales tax referendum which funds 1) Roads/Infrastructure, 2) Transit Service, and 3) Transit Operating/Capital Improvements will be sunsetting in April of 2019. Decisions regarding future funding will need to be made. For the purposes of this fiscal constraint, it is assumed this funding will be available in the future.

FFY 2017 - 2020 Transportation Improvement Program

LAWRENCE - DOUGLAS COUNTY
MPO
METROPOLITAN PLANNING ORGANIZATION

Adopted: October 5, 2016
Amended: February 23, 2017
Amended: August 17, 2017
Administrative Revision: September 12, 2017
Amended: December 14, 2017

Funding Note:

This report was funded in part through grant[s] from the Federal Highway Administration [and Federal Transit Administration], U.S. Department of Transportation. The views and opinions of the authors [or agency] expressed herein do not necessarily state or reflect those of the U. S. Department of Transportation.

Title VI Note:

The L-DC MPO hereby gives public notice that it is the policy of the agency to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires that no person in the United States of America shall, on the grounds of race, color, national origin, sex, age, or handicap/disability, be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the L-DC MPO receives federal financial assistance. Any person who believes they have been aggrieved by an unlawful discriminatory practice under Title VI has a right to file a formal complaint with the L-DC MPO. Any such complaint must be in writing and filed with the L-DC MPO's Title VI Coordinator within one hundred and eighty (180) days following the date of the alleged discriminatory occurrence. For more information, or to obtain a Title VI Discriminatory Complaint Form, please see our website at www.lawrenceks.org/MPO.

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MPO Self-Certification

The Kansas Department of Transportation (KDOT) and the Lawrence - Douglas County Metropolitan Planning Organization (MPO) certify that the metropolitan transportation planning process is being carried out in accordance with all applicable requirements including the following:

1. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart; All core documents are current:
2. In nonattainment and maintenance areas, Sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 USC 7504, 7506 (c) and (d)) and 40 CFR Part 93;
3. Title VI of the Civil Rights Act of 1964, as amended (42 USC 2000d-1) and 49 CFR Part 21;
4. 49 USC 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
5. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR Part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
6. 23 CFR Part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts,
7. The provisions of the Americans with Disabilities Act of 1990 (42 USC 12101 et seq.) and 49 CFR Parts 27, 37, and 38;
8. The Older Americans Act, as amended (42 USC 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
9. Section 324 of Title 23 USC regarding the prohibition of discrimination based on gender; and
10. Section 504 of the Rehabilitation Act of 1973 (29 USC 794) and 49 CFR Part 27 regarding discrimination against individuals with disabilities.

_____
Bryan Culver, Chair
Lawrence-Douglas County MPO

Michael J. Moriarty
Bureau Chief of Transportation Planning
Kansas Department of Transportation

Definitions

ADA	ADA- Americans with Disabilities Act of 1990 (P.L. 101-336) and ADA Amendment Act of 2008 (P.L. 110-325)
BAC	Bicycle Advisory Committee
BNSF	Burlington Northern-Santa Fe Railroad
CAP	Capital
CE	Construction Engineering
CFR	Code of Federal Regulations
CIP	Capital Improvement Program
CONST	Construction
CTD	Coordinated Transit District
CTP	Comprehensive Transportation Program
E+C	Existing Plus Committed
EJ	Environmental Justice
EPA	U.S. Environmental Protection Agency
FAA	Federal Aviation Administration
FAST Act	Fixing America's Surface Transportation Act (P.L. 114-94) (Signed by President Obama on December 4, 2015)
FFY	Federal Fiscal Year
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
HOV	High-Occupancy Vehicle Lanes
ITS	Intelligent Transportation Systems
KDOT	Kansas Department of Transportation
KLINK	Kansas Connecting Link Program
KTA	Kansas Turnpike Authority
KU	University of Kansas, Lawrence
KUOW	KU on Wheels Transit Service
LMCMS	Liberty Memorial Central Middle School
LOS	Level of Service
MAP-21	Moving Ahead for Progress in the 21st Century Act (P.L. 112-141) (Signed by President Obama on July 6, 2012)
MPO	Metropolitan Planning Organization, such as the Lawrence-Douglas County Metropolitan Planning Organization
MTP	Metropolitan Transportation Plan
NHS	National Highway System
O & M	Operation and Maintenance
OP	Operating
PE	Preliminary Engineering
PPP	Public Participation Plan
PTAC	Public Transportation Advisory Committee
ROW	Right-of-Way
RRFBs	Rectangular Rapid Flash Beacons
RTAC	Regional Transit Advisory Committee
STBG	Surface Transportation Block Grant Program
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
T2040	Transportation 2040 - the Long Range Transportation Plan for the Lawrence-Douglas County region
TAC	Technical Advisory Committee
TAZ	Traffic Analysis Zone
TDM	Travel Demand Management
TE	Transportation Enhancements
TIP	Transportation Improvement Program
TSM	Transportation System Management
UGA	Urban Growth Area
UP	Union Pacific
UPWP	Unified Planning Work Program
USC	United States Code
UTIL	Utilities
WES	Woodlawn Elementary School

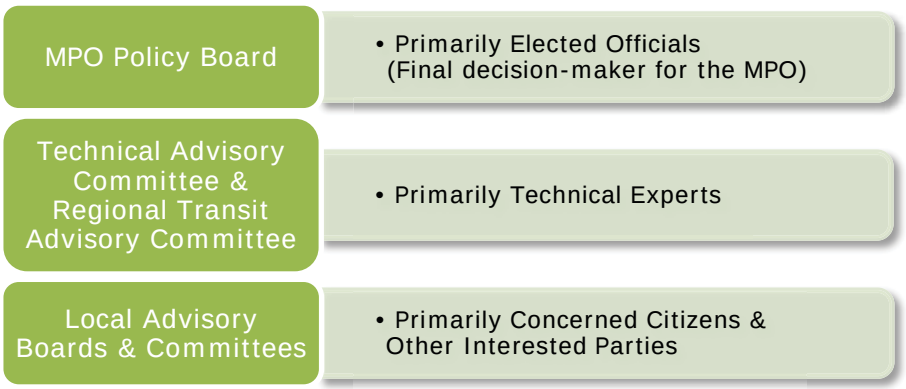
INTRODUCTION

What is an MPO?

A Metropolitan Planning Organization (MPO) is a regional decision making body composed primarily of elected officials from a metropolitan area that is charged with creating a transportation plan and related policy and programming documents. The Lawrence-Douglas County MPO is comprised of a Policy Board composed of mostly elected officials, a Technical Advisory Committee (TAC) made up of transportation and engineering professionals, the MPO Staff, and various other advisory groups that the MPO may form. Figure 1 displays the MPO structure. The MPO develops four core documents that create a regional vision for how the multimodal transportation system will function and grow – now and into the future. The MPO's core documents are the Metropolitan Transportation Plan (MTP), Transportation Improvement Program (TIP), the Unified Planning Work Program (UPWP), and the Public Participation Plan (PPP).

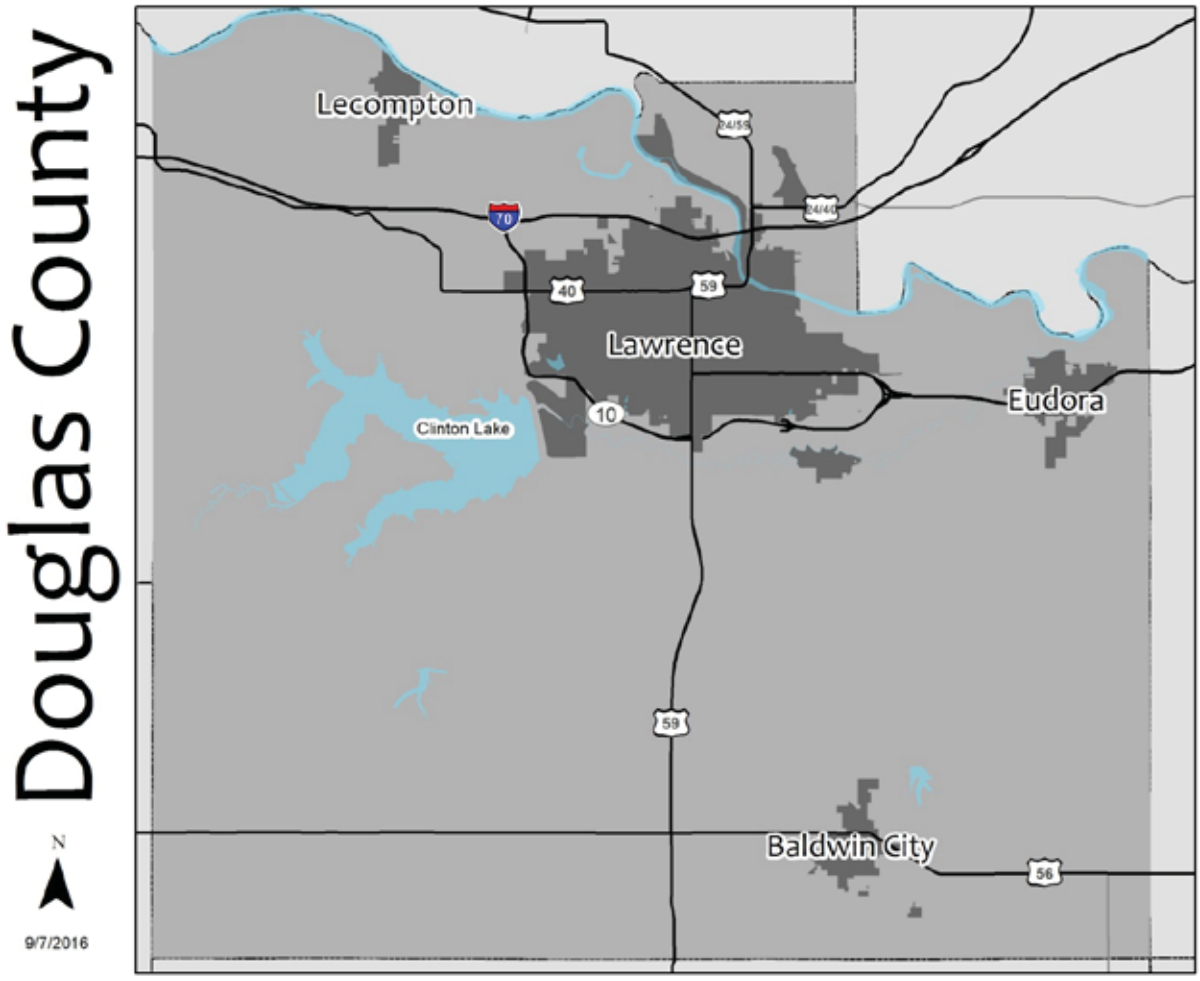
The MPO is a group that is composed of representatives from many local governments that collectively discusses the transportation issues facing the metro area and then makes decisions about how to address those issues.

Figure 1: MPO Structure



The Lawrence-Douglas County Metropolitan Planning Organization (MPO) serves all of Douglas County, Kansas including Baldwin City, Eudora, Lawrence, and Lecompton (see Figure 2).

Figure 2: Lawrence-Douglas County Metropolitan Planning Area (MPA)



What is a TIP?

The Transportation Improvement Program (TIP) documents how the region prioritizes the limited transportation resources available among the various needs of the region.

The TIP is a short-range, multi-year listing of federally funded and/or regionally significant improvements to the region's multimodal transportation system. Projects in the TIP are designed to implement the Metropolitan Transportation Plan (MTP). The TIP must be fiscally constrained and include only projects for which funding has been identified using existing or reasonably available revenue sources. The TIP must be updated at least once every four years, on a schedule compatible with the Statewide Transportation Improvement Program (STIP). The Lawrence-Douglas County TIP is updated every two years.

Statewide Transportation Improvement Program

The STIP is the State's equivalent of an MPO's TIP. It includes all federally funded transportation projects in the state. Projects in the metropolitan areas are included by reference to the relevant STIP.

The TIP and the MTP

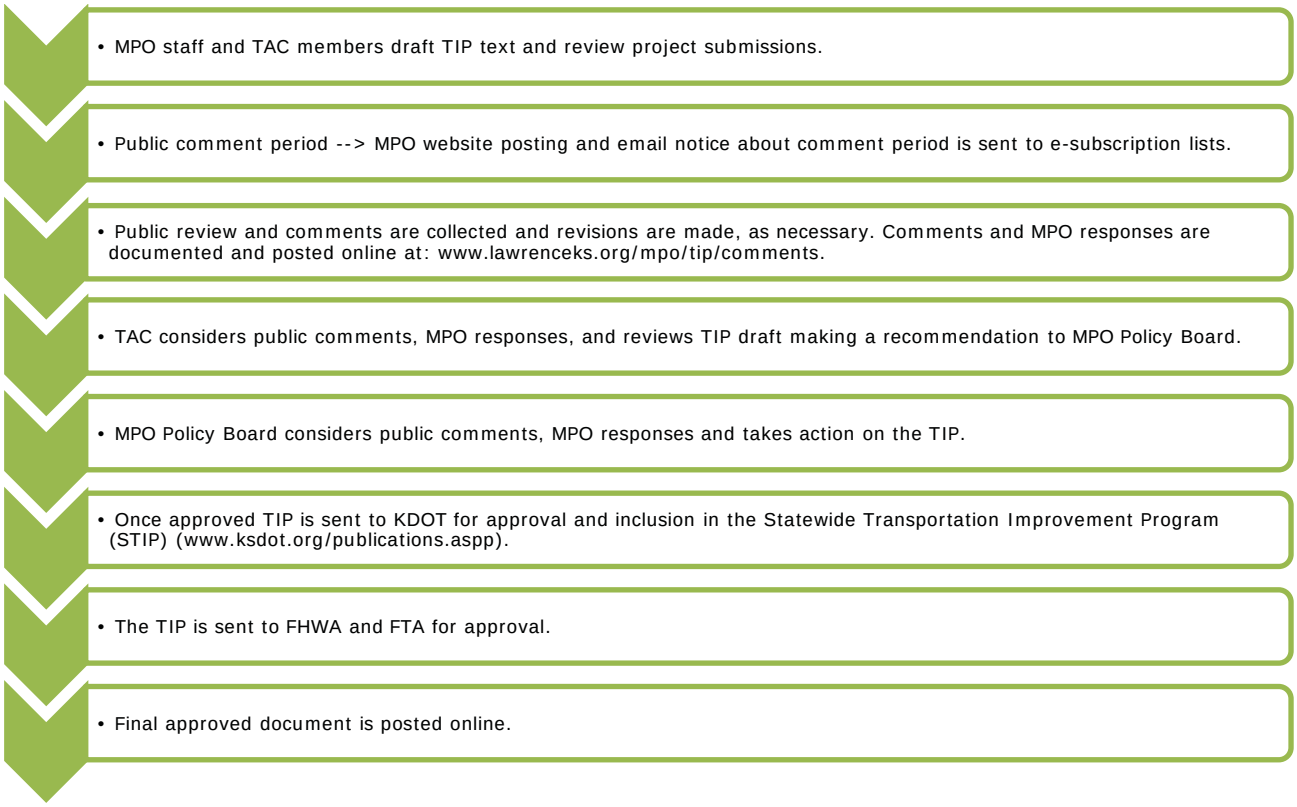
The TIP implements the goals and objectives stated in the Metropolitan Transportation Plan (MTP). These goals include 1) Improve Safety & Security, 2) Focus on System Preservation and Economic Efficiency, 3) Maximize Accessibility and Mobility, and 4) Consider the Environment and Quality of Life. Furthermore, for projects to be included in the TIP, they must be consistent with the MTP. This ensures projects are implementing the MPO's vision for the future.

TIP Public Involvement Process

The MPO's Public Participation Plan (PPP) requires a new TIP to undergo a 30-day comment period and amendments require a 15-day public comment period.[1] The full draft TIP is available on the MPO website (www.lawrenceks.org/mpo/tip) and a printed copy is available at Lawrence City Hall, Lawrence Public Library, Eudora Public Library, Baldwin City Public Library, and Lecompton City Hall. The public is notified of the opportunities to review the draft TIP through a local newspaper advertisement, notification by email, and by staff announcements that the draft TIP is available for comment at MPO meetings.

Public comments are reviewed by MPO staff and if found applicable, those public comments are incorporated into the final draft document sent to the MPO Policy Board for approval. Appendix E contains the public involvement process utilized to develop this TIP.

Figure 3: TIP Public Involvement Process



[1] Details about the public participation process for the approval and amendment of the TIP can be found at www.lawrenceks.org/mpo/public_participation.

PROGRAMMING PROCESS

Legislative Requirement

The current federal surface transportation legislation is called the Fixing America's Surface Transportation (FAST) Act.[2] It is a five year (FFY 2016-2020) transportation program signed into law by President Obama on December 4, 2015. MPOs are required to develop a TIP that is fiscally constrained and contain all capital and non-capital surface transportation projects within the MPO area that will receive federal funding, as well as other regionally significant transportation projects.[3]

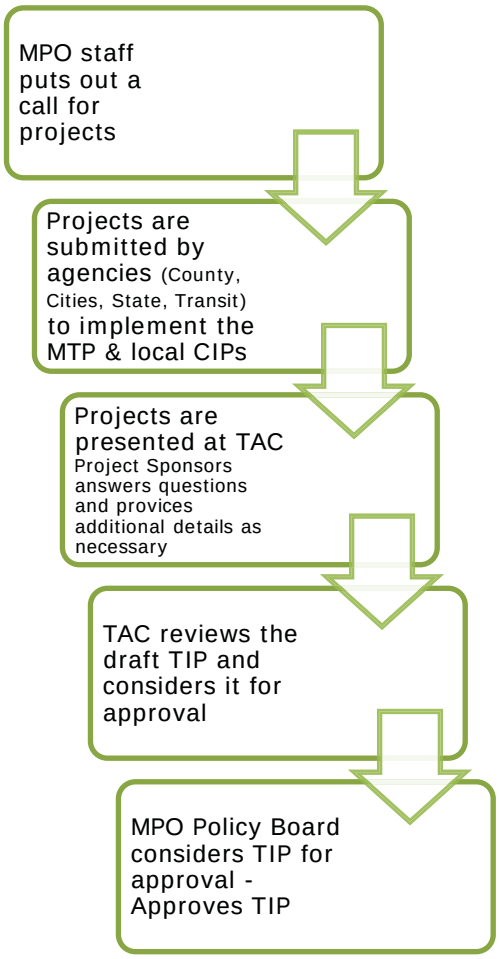
Process for Including Projects in the TIP

The projects included in the TIP are drawn from the area's Metropolitan Transportation Plan (MTP), County and City governments' Capital Improvement Plans (CIP), as well as the State's Transportation Program known as T-WORKS. The MPO encourages Project Sponsors to use the factors in Appendix A to determine which projects should be prioritized for funding and inclusion in the TIP. Project Sponsors submit projects to the MPO staff for inclusion in the TIP and MPO staff work with TAC members to ensure that the projects are regionally significant and are consistent with the MTP. Figure 4 displays the process for including projects in the TIP.

The transit and paratransit projects programmed in the TIP also go through a project selection process. Lawrence Transit staff works with the MPO, FTA, KDOT, and University of Kansas - KU On Wheels (KUOW) staffs to plan and program projects in the TIP that address transit needs and issues identified in the MTP. The KDOT- Office of Public Transportation in consultation with the Urban Corridor Coordinated Transit Council makes the selection of paratransit projects to include in the TIP.

This TIP document contains projects for Lawrence Transit that collectively constitutes the Program of Projects (POP) for Lawrence Transit. This list of transit items is a prioritized list of projects used by the Lawrence Transit staff and reviewed by FTA officials. Approval of the TIP includes the approval of the POP for Lawrence Transit. The public involvement procedures used for TIP development and amendments are used to satisfy the POP requirements for FTA Section 5307 funding.

Figure 4: TIP Project Listing Submission Process



[2] The FAST Act was created as Public Law 114-96. The official legislation can be accessed at https://www.gpo.gov/fdsys/pkg/PLAW-114publ94/pdf/PLAW-114publ94.pdf.

[3] In accordance with United States Code Titles 23 and 49, the TIP document must outline at least a four-year program of: 1) All federally funded priority transportation projects, and 2) All regionally significant priority projects, regardless of funding source.

Revisions to the TIP

There are times when information about projects needs to be adjusted. Minor changes to project information are called revisions and are administrative actions with no public involvement required. Major changes are called amendments and require public involvement.

Amendments

Amendments to the TIP often consist of major changes to project cost and/or funding levels. Those types of fiscal changes may have impacts on the ability of the TIP and/or the MTP to remain fiscally constrained. The following types of project changes are always handled as TIP amendments:

- Addition or deletion of a project within the first four (4) years of the TIP (federal regulations require this part of the TIP to show fiscal constraint)
- Total costs and/or funding amounts for a project listed in the TIP increase by more than 20% of the total project cost
- Change to a funding source, project scope and/or location (such as changing from state funding to federal)
- A change of schedule for a project that exceeds one year (see explanation below and Table 1).

Administrative Revisions

Administrative revisions include all revisions that are not formal amendments. These revisions usually involve, but are not limited to:

- Obvious minor data entry errors or editing corrections to text, map, and/or other graphics
- Splitting or combining projects (project scopes and costs cannot change)
- Changes or clarifying elements of a project description (with no major changes in scope)
- Change in funding program or category (such as changing from STP to HSIP funding)
- Shifting funds between a singular year
- Minor change of less than 20% of total project cost

In processing administrative revisions MPO staff will:

- Enter the requested revision into the project database.
- Prepare and publish an updated TIP and post it online.
- Notify the Kansas Department of Transportation of the modifications and request their inclusion in the respective Statewide Transportation Improvement Program.
- Prepare a summary of the revision to be presented at the next scheduled MPO Technical Advisory Committee and Policy Board meetings (no formal action required).

Administrative Revisions require no public comment.

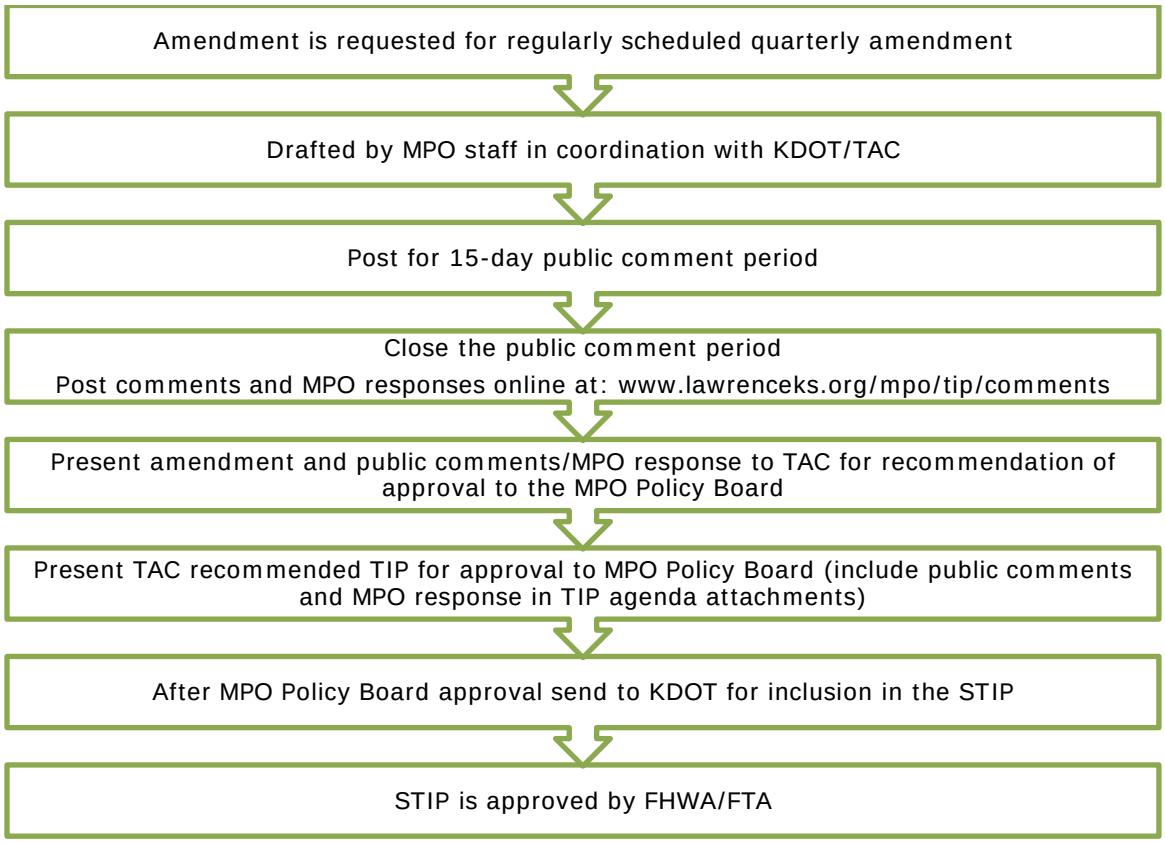
Table 1: Major Schedule Changes – Revision or Amendment

Year				
From / To	**1**	**2**	**3**	**4**
1		Revision	Amendment	Amendment
2	Revision		Revision	Amendment
3	Amendment	Revision		Revision
4	Amendment	Amendment	Revision	

Figure 5 displays the TIP amendment process. Amendments to the TIP will be drafted by the MPO staff in cooperation with KDOT staff and TAC members as needed and/or scheduled. The draft TIP amendment will be presented to the TAC for review and approval before sending the amendment to the MPO Policy Board for approval.

After the MPO Policy Board approves the amendment the MPO staff will forward the amendment to KDOT for their review and inclusion in the Statewide Transportation Improvement Program (STIP). The TIP is included in the STIP by reference so an amendment to the TIP also becomes an amendment to the STIP. Then the STIP is approved by FHWA/FTA.

Figure 5: Amendment Process



Amendment Public Process

TIP amendments must be posted for public review and comment, the MPO staff must collect and review any public comments and share those comments with the TAC and MPO Policy Board to address and/or incorporate them, as necessary, before TIP approval.[4]

A minimum 15-day public comment period is required and proposed amendments are posted on the MPO web page. The MPO staff also places a paper copy of all TIP amendments in a binder kept at the front counter of the MPO Office for public review and comments. In addition, all TIP amendment announcements, including the printed advertisement in the newspaper, have the phone number, mailing address, and email address of the MPO staff listed on them so that anyone with questions or comments about the amendment can contact the staff to discuss it. Following the required 15-day public comment period, all comments will receive a response, either individually or in a summary form. The comments and responses will be posted at www.lawrenceks.org/mpo/tip/comments prior to distributing the TAC agenda packet (one week before the TAC meeting). The MPO staff presents these public comments and the staff response to the TAC and the MPO Policy Board before they discuss approving the amendment. There is no requirement for a public hearing.

Amendment Schedule

In order to facilitate the process of making TIP amendments, the MPO has a TIP amendment item on the TAC and Policy Board meeting agenda once each quarter (Table 2). These dates to consider TIP amendments will be coordinated with the KDOT calendar for making changes to the Statewide Transportation Improvement Program (STIP). A similar schedule will be followed for the other years covered by this TIP.

Table 2: FFY2017 Quarterly Schedule for TIP Amendments

TIP Amendment Request Made to MPO Staff	Public Review Period	TAC Approval	MPO Approval	STIP Approval
September-02	9/8/2016 to 9/23/16	October 4, 2016	October 20, 2016	November 2016
January-06	1/12/17 to 1/27/17	February 7, 2017	February 16, 2017	March 2017
March-03	3/9/17 to 3/24/17	April 4, 2017	April 20, 2017	May 2017
June-30	7/6/17 to 7/21/17	August 1, 2017	August 17, 2017	August 2017

These dates are approximate and subject to change following discussions between MPO and KDOT staffs and/or discussions at the Technical Advisory Committee (TAC) meetings.

[4] An appropriate level of public involvement activities are outlined in the latest MPO-approved Public Participation Plan found online at www.lawrenceks.org/mpo/public_participation.

FISCAL CONSTRAINT

Project Funding

Projects are funded from several sources. Street and highway projects can be financed entirely by State and/or local funds or by any combination of federal, state, and local funds. The Fixing America's Surface Transportation (FAST) Act provides federal-aid to state and local units of government for surface transportation projects.

The use of Federal Transit Administration (FTA) funds are allocated to transit operators by formulas through the FTA Region 7 Office in Kansas City and through the KDOT Public Transportation Programs Office in Topeka. State transit funds from the T-WORKS Program flows through KDOT. These funds are utilized for the operations of Lawrence Transit and various paratransit operations in the region.

KDOT administers Federal Highway Administration (FHWA) funding to local governments. The Surface Transportation Block Grant (STBG) Program and Highway Safety Improvement Program (HSIP) categories are the main federal categories or programs that cities receive through KDOT. The STBG Program combines the long-standing Surface Transportation Program and the Transportation Alternatives Program, now known as TA Set-Aside. Some of these funds provide annual allocations to cities while others require local governments to apply for project specific funding. The TA Set-Aside funds have helped build pathways, do historic preservation projects, and other projects outside the scope of traditional road and bridge improvements. They provide funding for former Transportation Alternatives (TA) program and the Safe Routes to Schools (SRTS) programs.

All of the estimated amounts of transportation project funds are included in the Estimated Revenues and Expenditures Tables found in Appendix G. The estimates of reasonably expected funding levels based on recent experience are compared to the levels of federal, state, and local funding for transportation facilities and services that are requested by KDOT and local governments for inclusion in the TIP. Comparing these expected funding levels and funding request levels allows the MPO to determine if the TIP is fiscally constrained.

Federal Funds

The federal funding for road and bridge projects in the region is generally limited to formula funding levels set by the USDOT and KDOT. Those levels have been relatively steady over the last few years with Douglas County receiving about $500,000 and the City of Lawrence receiving about $1 million annually in federal aid for roads and bridges. The three smaller cities in Douglas County (Lecompton, Eudora, and Baldwin City) have small public works departments, thus large road or bridge projects are often managed by Douglas County or KDOT.

Discretionary funding for TA Set-Aside program projects is also available on a more sporadic competitive basis. That funding is not guaranteed in any given year, but our region has received some funding and expects to receive more in the foreseeable future. These funding levels have more uncertainty and therefore, projects must have awarded funding to be included in the TIP and fiscal constraint. If and when local governments in Douglas County are awarded funding from these discretionary programs the MPO will amend the TIP to add that funding and those projects in a timely manner.

State Funds

State funds used in Douglas County for road and bridge projects are mostly limited to KDOT facilities and projects. The level of KDOT funding expended in the region varies greatly by year

due largely to how much work KDOT does on the area's major highways. Recently KDOT has spent large amounts of funding to build the South Lawrence Trafficway (new K-10 alignment), and to build a new interchange along K-10 at Bob Billing Parkway/N 1500 Road. All of those projects are KDOT administered projects on KDOT routes, which typically do not significantly impact the local governments' budgets for transportation improvements (although the City of Lawrence/Douglas County contributed $1,000,000 for pedestrian and bicycle facility improvements to the K-10/Bob Billings Parkway interchange). Some other smaller amounts of State funding are used for local projects, such as the occasional purchase of a paratransit van with state money or a state contribution to a local bridge project.

For most local governments in the region the main KDOT funding role has been to provide federal aid to local projects, not to provide large amounts of state aid to local transportation improvements. However, the one example in the region where the state funding of a local project does make a routine and significant difference in the local budget process is state transit operating assistance. Lawrence Transit receives about $1 million in state operating and capital assistance annually which is an important part of their budget.

KDOT does not program projects in their budget documents or ask for projects to be added to the TIP unless a specific identified and reasonable funding source is identified. Therefore, KDOT requests for TIP actions represent a fiscally constrained condition for state funded and/or managed projects.

Local Funds

City of Lawrence

For Lawrence most of that federal funding has come recently in the form of STP and has remained about the same each year at about $1 million. In 2015, the City of Lawrence received $.9 million in federal Surface Transportation Program (STP) funds through the KDOT distribution process of sharing federal funds with local governments.

In November 2008, Lawrence voters approved three increases in sales taxes to support the improvement of roads and transit services. A 0.3% increase was dedicated to roads and infrastructure, a 0.2% increase was dedicated to funding transit service, and a 0.05% for overall transit operating and capital improvements (Table 3).

Table 3: Lawrence Sales Tax for Improvement of Roads and Transit Services (Shown in $1,000s)

Source	Tax Percentage	Collected in 2015
Roads / Infrastructure	0.30%	$ 4,987
Transit Service	0.20%	$ 3,325
Transit Operating / Capital Improvements	0.05%	$ 831
	Total	**$ 9,144**

These sales taxes will expire in April of 2019; new referendums will need to be approved to ensure this funding is available in the future. With the addition of those taxes the City has a local dedicated funding source for road and transit improvements that has made funding more predictable. The City is utilizing the sales tax revenue to design and program some large road projects that were not financially feasible prior to the tax. Some projects are now funded with this sales tax revenue and some are still funded with a combination of federal aid and local matching funds.

City of Eudora, Baldwin City, and City of Lecompton

The City of Eudora became a second class city under Kansas statutes in 2010. With the designation, Eudora now receives an annual distribution of STP funding through KDOT. This amount of federal funding is expected to be small (less than $100,000).

Baldwin City, Eudora and Lecompton have used federal funding sporadically and worked with Douglas County staff to administer major road and bridge projects using federal aid. This cooperation between the small cities and the County for the use of federal aid is expected to continue through the life of this TIP.

Douglas County

Douglas County receives obligation authority for STP funds from KDOT. Douglas County has elected to exchange their available obligation authority of federal funds for state funds at an exchange rate of $0.90 in state funds for every $1.00 in federal obligation authority, per KDOT policy. Alternatively, jurisdictions have "banked" the federal obligation authority for a later project. In 2015, the County received approximately $685,789 in federal STP funds obligation authority through KDOT. The County exchanged the federal obligation authority for $617,210 in state dollars through KDOT's federal funds exchange program.

The County can also apply for TA Set-Aside funds if it chooses to do so. The County does not operate transit service and does not receive federal or state transit funding.

Douglas County has a CIP that is updated on a regular basis. The annual CIP allocation in Douglas County in recent years has been approximately $4 million. This allocation is reviewed and adjusted annually by the Board of County Commissioners. The Board of County Commissions approved the 2016-2020 CIP on August 24, 2016. Table 4 displays the 2017 budgeted and 2018-2020 anticipated funding amounts for facilities, roads, and bridges.

Table 4: Douglas County Approved CIP (Shown in $1,000s)

Year	Facilities, Roads, Bridges
2017	$ 4,883
2018	$ 4,675
2019	$ 4,341
2020	$ 4,200
Total	**$ 18,098**

The County programs its projects in their CIP and as needed the County staff coordinates its capital planning with the MPO staff for TIP development and changes.

Transit and Paratransit Funds

The public transit operations in Lawrence are composed of a mix of services operated by the Lawrence Transit and the University of Kansas service called KU On Wheels (KUOW). KUOW transit operations are primarily supported by student fees. The City transit service uses state operating assistance, state capital assistance, federal capital assistance, and federal operating assistance to keep buses running. Lawrence also uses local sales taxes to pay for transit. In recent years, Lawrence has used about $2 million annually in flexible federal formula Section 5307 subsidies to provide transit services. This annually allocated funding can be used for capital projects (e.g., buying new buses), but most of it has been used for operations.

Capital assistance levels are typically much more unpredictable than operating assistance, but when the transit capital funding will be needed is fairly predictable because it is based on the life span of buses. That creates a dilemma for transit operators who in the past relied heavily on large discretionary grants from the FTA for bus fleet replacements. Now those large grants

are gone and our transit operators are adjusting to buying only a few new buses at a time when funding is available instead of buying many buses on one large grant funded order.

Lawrence Transit uses a relatively constant mix of federal and local funds for operations. Under the State T-WORKS Program some state operating assistance is received each year.

The paratransit providers in the region provide all or most of their own funds to operate their services, and in some cases they use FTA grants for vehicle purchases. KDOT also funds paratransit vehicles in the region. As part of these vehicle purchases the agency requesting the federal funds is required to provide a local match, and those vehicles are programmed in the TIP.

Operation and Maintenance (O&M) Funding

The fiscal constraint analysis looks primarily at capital projects (e.g., building roads and bridges, buying buses, etc.), however, that is not a complete picture of funding for the region's multimodal transportation system. The funds needed for operating and maintaining transport facilities and services also has to be reviewed. An adequate level of Operations & Maintenance (O&M) funding needs to be budgeted to maintain the federal-aid highways in the region. Shortchanging the O&M budgets to make the road improvement projects fiscally feasible is not appropriate. This funding is divided into Roads/Bridges and Transit.

O&M consists of routine things such as pothole patching, minor repairs to pavements and curbs, snow removal, striping and marking, utility work and patching, electrical repairs, tree trimming, mowing, signal repairs, sign replacement, bridge maintenance, and other minor work tasks.

Road and Bridge Operations and Maintenance Funding Estimates

The expenses for O&M work items are usually paid for by the local government that owns and operates the road and the utility providers that use the road rights-of-ways.

In the case of major highways, KDOT is the owner of the road and maintains those facilities. The major exception to this is the Kansas Turnpike/I-70 which is owned and operated by the Kansas Turnpike Authority. Some of the state highway mileage in Lawrence is provided on City streets through a connecting link agreement between KDOT and the City. That agreement includes annual payments from KDOT to the City to pay a share of the maintenance costs for those route segments carrying a state highway. KDOT plays a role in the maintenance of some major roads in the region (approximately $0.555 million per year), but major highway mileage comprises a small percentage of total roadway mileage. Most of the road mileage in Douglas County is owned by the County, City or Township Governments that levy local property taxes and sometimes other taxes to pay for road maintenance and operations.

The cities and county also receive a portion of the state gas tax collected in Douglas County. This amount of funding is anticipated to continue during the years covered by this TIP. The state supplied pass through gas tax funding is supplemented by local government funds to make up the bulk of Lawrence and Douglas County roadway O&M budgets.

For 2015, the City of Lawrence had an O&M budget for its road system of approximately $3.5 million. Those costs were paid for with $2.5 million of state gas tax funds and $1.0 million of local tax sources including the 2008 approved sales tax increase dedicated to infrastructure improvements. For 2015, the roadway O&M budget for Douglas County was approximately $6 million with approximately $2.1 million of that total coming from the state gas tax funds and the other $3.9 million from County tax sources. It is expected that the local governments in the region will continue to fund their O&M budgets in order to adequately maintain their transportation infrastructure during this TIP period. Table 5 shows the KDOT, Douglas County, and the City of Lawrence O&M expected cost per lane mile.

Table 5: Road and Bridge O&M (Shown in $1,000s)

	KDOT	County*	Lawrence	Total
Cost Per Lane Mile	$ 2.466	$ 11.472	$ 4.424	
Lane Miles	225	523	791	**1539**
2017	$ 555	$ 6,000	$ 3,500	**$ 10,055**
2018	$ 555	$ 6,000	$ 3,500	**$ 10,055**
2019	$ 555	$ 6,000	$ 3,500	**$ 10,055**
2020	$ 555	$ 6,000	$ 3,500	**$ 10,055**
Total Per Lane Mile for 4 Years	**$ 2,219**	**$ 24,000**	**$ 14,000**	**$ 40,219**

*Does not include Township roads or road maintenance funds, but County maintenance costs does include bridges and large culverts on township roads that are maintained by the County.

Transit Operations and Maintenance Funding Estimates

Transit operations are funded with a mix of local, state, and federal funds. The transit system in Douglas County is a coordination of services owned and operated by the City of Lawrence, the University of Kansas, social service agencies that run paratransit vehicles, and Johnson County Transit that operates a commuter bus service called the K-10 Connecter, which traverses between Lawrence and locations in Johnson County. K-10 Connector funding is programmed in the TIP produced by the Mid-America Regional Council (MARC), which is the MPO for the Kansas City Area.

Lawrence Transit

Lawrence Transit service uses federal, state, and local funds for operating and routine maintenance expenses for their fixed-route and complementary paratransit services. Lawrence Transit needs to pay for its services when they are rendered (i.e., when the buses are rolling, burning fuel and labor costs are incurred) by maintaining a cash flow to pay for its vendors and staff as they work. Unlike a road or a bridge that can be bonded for twenty years and paid for over time, transit operations are typically not paid for with debt service. For 2015, Lawrence Transit had an O&M budget of approximately $5.2 million which was funded with $2 million of federal aid, $0.5 million of state aid, $0.4 million of farebox revenue and $2.3 million of local funds. Those levels of O&M expenses and revenues are anticipated to continue through the four-year fiscally constrained period (2017-2020), as shown in Table 6.

Table 6: Lawrence Transit O&M (Shown in $1,000s)

FFY	2017	2018	2019	2020	Total
Total O&M	$ 5,200	$ 5,200	$ 5,200	$ 5,200	$ 20,800

However, the transit tax's ten year horizon will sunset in April of 2019. If funding decisions are not made, the overall transit budget including O&M will be greatly impacted. Operations and maintenance funding for Lawrence Transit is shown in the Estimated Revenues and Expenditures Tables founding Appendix G.

The O&M costs are deducted from the estimated revenues; therefore, funding for O&M projects are not available other projects and the TIP is fiscally constrained.

Paratransit

The paratransit providers in the region mostly provide their own funds to operate their services, but in some cases receive a small amount of state operating subsidy from KDOT. Typically, this state operating assistance is only a few thousand dollars per year for each operator. Most of the federal and state aid to paratransit is for vehicle purchases. The MPO staff works closely with the KDOT transit staff, the Regional Transit Advisory Committee (RTAC), and the Urban Corridor Coordinated Transit Council members to keep informed about the status of paratransit operations and funding issues. Those paratransit issues are discussed

in more detail in the Coordinated Public Transit-Human Services Transportation Plan (CPT-HSTP).[5]

University of Kansas (KU on Wheels) Transit Funding

The University of Kansas also provides transit services that are available to the general population as well as KU students and staff. Funding for the KU On Wheels system includes a considerable amount of funding that supports fixed route transit in Lawrence. The KU transit funding information listed in Table 7 gives a more complete and realistic account of the size and costs of the transit system in Lawrence.

The KU On Wheels (KUOW) and the Lawrence Transit services are integrated into one route and schedule system and both of these operations accept each other's bus passes. Even though these two services are coordinated into one route map and schedule book, only Lawrence Transit receives FTA funding. The KUOW operations are expected to maintain the KUOW transit service at current levels through the years covered by this TIP. The KUOW part of the public transit system in Lawrence is fiscally constrained by the revenues provided by fees that support it.

Table 7: KU on Wheels (KUOW) – University of Kansas Transit System Funding Estimates in $1,000s

Funding Programmed in the KU Parking & Transit Budget				
Year	KU Parking Funds	KU Student Fee Funds	Other Funds	Total Funds
2017	$ 1,220	$ 3,285	$ 133	**$ 4,638**
2018	$ 1,239	$ 3,285	$ 133	**$ 4,657**
2019	$ 1,239	$ 3,285	$ 133	**$ 4,657**
2020	$ 1,196	$ 3,285	$ 133	**$ 4,614**
4-Year Totals	**$ 4,894**	**$ 13,140**	**$ 532**	**$ 18,566**

Year of Expenditure (YOE) Inflation Factor

In addition to having a clearly identified source of funding for each roadway, bridge, transit, and enhancement project listed in the TIP, the project sponsor must also present their project costs in year of expenditure (YOE) dollars. This allows the project estimates to take into account inflation and should make them more realistic than using constant dollars. This fiscal analysis uses an annual inflation factor of 1.5% (which matches the T2040 Inflation Factor) for all TIP projects to determine the estimated costs in the year of expenditure. This inflation factor was developed by KDOT in 2012 for use with federal aid projects. TAC and MPO Policy Board members agreed to the YOE inflation rate.

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.

This TIP document provides realistic cost and funding estimates for improvement projects in the first two years of the fiscal constraint period (2017 and 2018). Predicting the revenues that will be available and costs for projects in the second half of that period (2019 and 2020) are a

[5] Access this plan at https://www.lawrenceks.org/mpo/transit.

more speculative exercise, especially as the current tax referendum will sunset in April of 2019. Decisions will need to be made regarding future funding. Thus revenues for 2019 and 2020 are based on rough estimates of available funds and costs, which are helpful in showing the four years of fiscally constrained project tables. The MPO has assumed that 2015 levels for federal funding will remain in place for funding through 2020. The Estimated Revenues and Expenditures Tables in Appendix G show that the level of projected funding from reasonable sources and the total level of project funding programmed in this TIP is balanced and this TIP is fiscally constrained.

ENVIRONMENTAL JUSTICE REVIEW

The Environmental Protection Agency (EPA) defines Environmental Justice as the "fair treatment for people of all races, cultures, and incomes, regarding the development of environmental laws, regulations, and policies." Environmental Justice (EJ) is a federal requirement that projects using federal funds be selected and distributed fairly to all people regardless of income or race and that all people have equal access to the benefits afforded by federally funded projects as well as equal access to the decision-making process for the selection of those federal projects.[6] This concept is conveyed in the three Environmental Justice Principles shown in Figure 6.

Figure 6: U.S. DOT Environmental Justice Principles

Read about how the MPO is providing access to the transportation planning process at www.lawrenceks.org/mpo/public_participation.[7]

Methodology

In response to EJ regulations the MPO developed a process to assess the impact of transportation planning processes regarding the TIP on the target populations. The results of the analysis in this EJ review provide insight to the MPO's commitment to achieve the US DOT EJ Principles.

Define Target Populations and Thresholds

Low-income and minority populations were identified in the MPO area. This is done by utilizing Census tracts and 2010-2014 American Community Survey (ACS) 5-year estimate data. Tracts are determined to meet the EJ threshold if they meet either of the criteria listed below.

Low/Moderate Household Income Population, by 2010 Census Tracts

The threshold for low/moderate household income was 50 percent or more of the population residing in households earning less than 80 percent of the area's median income. The City of Lawrence Neighborhood Resources Division of the Planning and Development Services Department currently uses this information to identify areas within the community that have higher concentrations of low and moderate income residents. Various housing rehabilitation program funds and Community Development Block Grant (CDBG) funds are targeted toward these areas.

[6] This policy is defined in Executive Order 12898 that was signed by President Clinton on February 11, 1994.

[7] Title VI Civil Rights and Environmental Justice Non-Discrimination issues can be found in the MPO's Title VI Program Manual and the Public Participation Plan. More Environmental Justice information related to programs, including MPO operations which are funded by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA), can be found at the following website: www.fhwa.dot.gov/environment/environmental_justice/overview.

99% Confidence Interval for the Mean Minority Population, by 2010 Census Tracts

The US Census Bureau collects demographic data for one race and a combination of races. For this review, only one race data attribute was used to depict areas within Douglas County that have a minority population within the 99% Confidence Interval average population residing in Lawrence and Douglas County. Essentially, a confidence interval indicates a range of values that's likely to encompass the true value in our community. With a 99% mean confidence interval we are 99% sure that the interval contains all of the values. The mean minority population is 18.71%. The 99% confidence interval is ± 5.24%. Therefore, 18.71% + 5.24% equals 23.95%. So we are 99% sure that the minority population is under 23.95%.

The majority race in this region is White/Caucasian and the other races collectively are considered as the minority group population for this EJ analysis. The 2010-2014 American Community Survey 5 Year Estimates indicates the minority population within Douglas County represents 10.9% of the total population. In Lawrence, the minority population is slightly higher representing 12.8% percent of the total population.

The EJ zones consist of areas where census tracts are either Low/Moderate household income and/or at the minority 99% confidence interval. The EJ zones are mapped in Figure 7 & 8. Approximately 46,502 people or 42% of the total Douglas County population resides within EJ zones. No EJ zones are identified outside of the City of Lawrence. The EJ zones within Lawrence are located generally to the east of Iowa Street.

Assess and Analyze Investments in the TIP

This assessment and analysis compares the EJ zones with TIP projects locations and fixed route transit services. EJ zones were also evaluated by EJ population within the ¼ mile buffer of transit routes and EJ population with zero vehicle households.

TIP Projects: Roadway, Bridge, Intersection, Enhancement, Access Management

TIP projects were mapped to see where the projects intersect with EJ zones. Not all TIP projects could be mapped for the EJ analysis. This analysis does not include transit allocations, planning studies, SRTS allocations and projects that are not limited to a specific point on a map. Table 8 shows the total 2017-2020 TIP projects, the TIP projects that were able to be mapped, and the mapped TIP projects that are within the EJ zones.

Table 8: TIP Projects (Shown in $1,000s)

	Number of Projects	Total Project Cost
TIP Projects (2017-2020)	41	$ 94,060
TIP Projects Mapped	28	$ 66,605
TIP Projects Mapped in EJ Zones	12	$ 28,581

*Total project cost includes project phases outside of the TIP years (2017-2020)

Twenty-eight (28) projects were able to be mapped in this TIP, for a combined total of $66.6 million. (There are some projects that do not have specific locations or transit areas that cover the entire region – these projects are not mapped). These projects are completely or partially, on a road that is in an EJ zone or along an EJ zone border. Of the 28 mapped projects in the 2017-2020 TIP, 12 are considered EJ projects for the purpose of this analysis for a total improvement cost of $28.5 million (as shown in Table 9). Approximately 43% of the total funding for the 28 mapped projects will be invested in EJ zones.

Table 9: EJ Zone Projects (Shown in $1,000s)

Project Number	Project Name	Project Type	Total Project Cost	Multimodal Elements Included
107	Kasold Reconstruction: Clinton Pkwy to HyVee	Reconstruction	$ 1,100	X
203	19th Street: Naismtih Dr to Iowa St Reconstruction	Grading & Surfacing	$ 2,000	X
204	Kasold Drive Reconstruction	Grading & Surfacing	$ 5,920	X
205	K-10 Access Point Consolidation	Access Management	$ 421	
212	9th Street Reconstruction: Massachusetts St to Delaware St	Grading & Surfacing	$ 3,600	X
229	19th Street Reconstruction: O'Connell Rd to Harper St	Reconstruction	$ 3,000	X
232	W 23rd St & Ousdahl Rd Intersection/Storm Sewer Improvements	Intersection Improvements	$ 3,600	
234	23rd Street Reconstruction: Haskell Ave to East City Limits	Reconstruction	$ 7,200	X
242	Access Consolidation on K10 West of Ousdahl Road	Access Management	$ 80	
500	Santa Fe Depot Restoration	Special Work	$ 1,501	
603	W 23rd St Access Management: 2246 Ohio St Driveway Removal	Access Management	$ 9	
604	Massachusetts St, 11th to 14th St Reconfigure Lanes	Mill/Overlay	$ 150	X
*Total project cost includes project phases outisde o fthe TIP years (2017-2020)		**Total**	**$ 28,581**	

A majority of the projects that are within EJ zones are reconstruction projects, where the only expected impact is during the actual reconstruction, e.g. road closures, delays. Furthermore, a many of the projects include installing infill of missing sidewalks, additional Shared Use Paths or improvements to existing multimodal facilities, thereby improving connectivity and mobility for all populations.

However, EJ analysis is more than just the location of the projects and how many are (or aren't) in EJ areas. All of the projects in this TIP have impacts and benefits both during construction and long term after they are built as part of the network. Of the projects included in this TIP, there are no anticipated impacts to significant property displacement.

A review of the MPO's urban area indicates that all residents in the urban portion of the region regardless of race or income experience the impacts of the urban transport system in similar fashion. The benefits and impacts of that urban transportation network are not concentrated in any particular EJ zones.

The region's transportation projects are selected based on the merit of the project and the need for improvements to the transport system without any intended bias towards impacting EJ areas any more than any other area in the region.

There are busy congested intersections all around the urban area in both high and low income areas. Regardless of your racial group or where you live you are likely to encounter one of those intersections near your home. The impacts from the transportation system (congestion, noise, pollutant emissions, etc.) appear to be more related to whether you live in the Lawrence Urbanized Area or not; more than related to whether you live in a minority or low income area or not. Disproportionate impacts from federally funded transportation projects on low income or minority population clusters were not observed in this EJ analysis.

Figure 7: MPO Programmed Roadway Projects in Relation to EJ Zones (Douglas County)

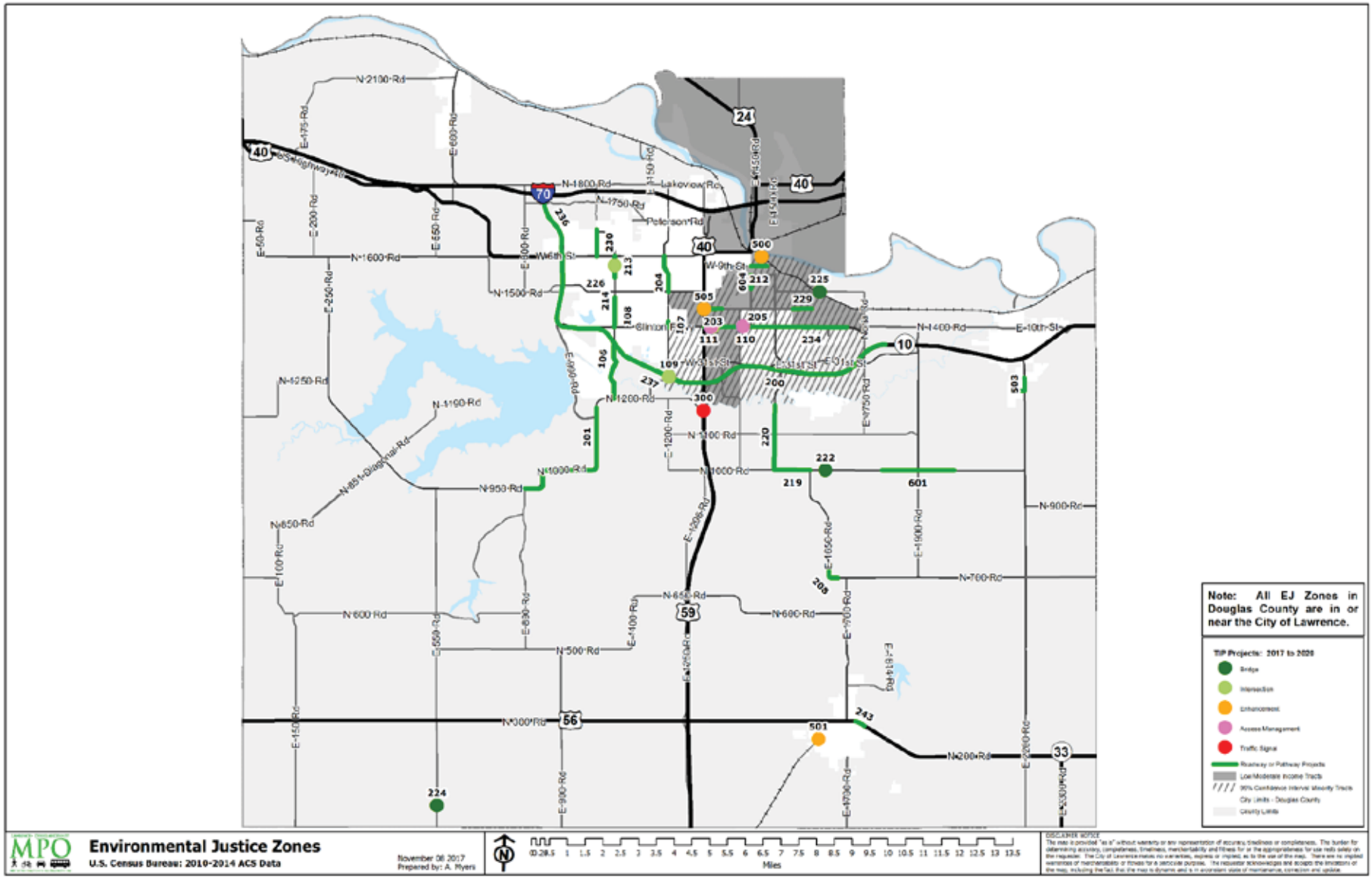
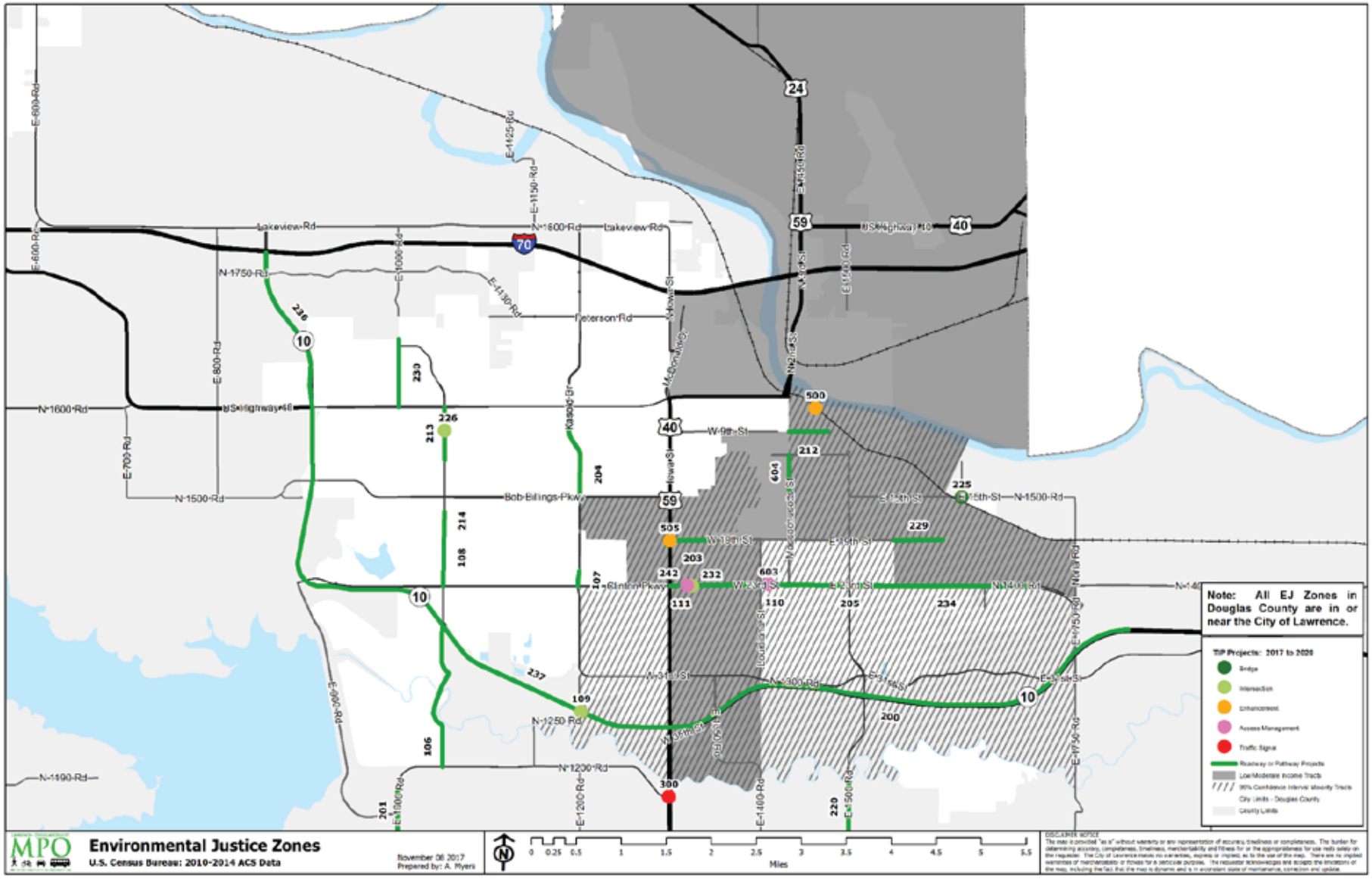


Figure 8: MPO Programmed Roadway Projects in Relation to EJ Zones (Lawrence)



TIP Projects: Fixed Route Transit

Lawrence Transit & KU on Wheels 2016-2017 fixed routes are shown on Figure 9. Sixteen (16) or 88% of the current routes have 30 minute or less service during peak times. Lawrence Transit & KU on Wheels is transitioning all routes to 30 minute or less service during peak times. This transition is occurring as resources become available. Route information can be accessed at www.lawrencetransit.org/routes. None of Lawrence Transit projects were mapped because the transit service occurs throughout the community and is not located on one fixed point. Lawrence Transit projects include operating costs for fixed route and paratransit services, as well as the capital costs associated with vehicle acquisition.

For the case of federally supported transit services, both the fixed route system and paratransit service areas, cover parts of Douglas County with low-income and/or minority populations. Therefore, the TIP projects associated with these transit and paratransit services are all considered to serve EJ populations and to be located in EJ zones for the purpose of this analysis. If there is any difference with EJ zones it seems to be that some EJ zones receive greater choice and frequency of transit services due to the fact that those areas coincide with the parts of the region with population densities high enough to support frequent fixed route transit.

Additional review was performed to provide further mobility analysis in determining if there are any disparate or adverse impacts resulting from transit services included in the TIP. Projects were evaluated to determine the percentage of people who live within the EJ zones that are within a ¼ mile buffer of transit routes and the people who live within the EJ zones that are zero vehicle households. Zero vehicle households also access transit to gain mobility, but again stops must be within walking distance to be easily used.

As shown in Figure 10, approximately 41,675 people or 90% of people who live within the EJ zones are within ¼ mile of a transit fixed route. A ¼ mile is generally the distance people are conformable walking. Thus, 90% of people who live within EJ zones have easy to access transit service, thereby expanding their mobility.

The darker red color within the zero vehicle households map (Figure 11) indicates a high concentration of zero vehicle households. The high concentration of zero vehicle households is served by transit.

Figure 9: Fixed Route Transit Routes 2016-2017 in Relation to EJ Zones

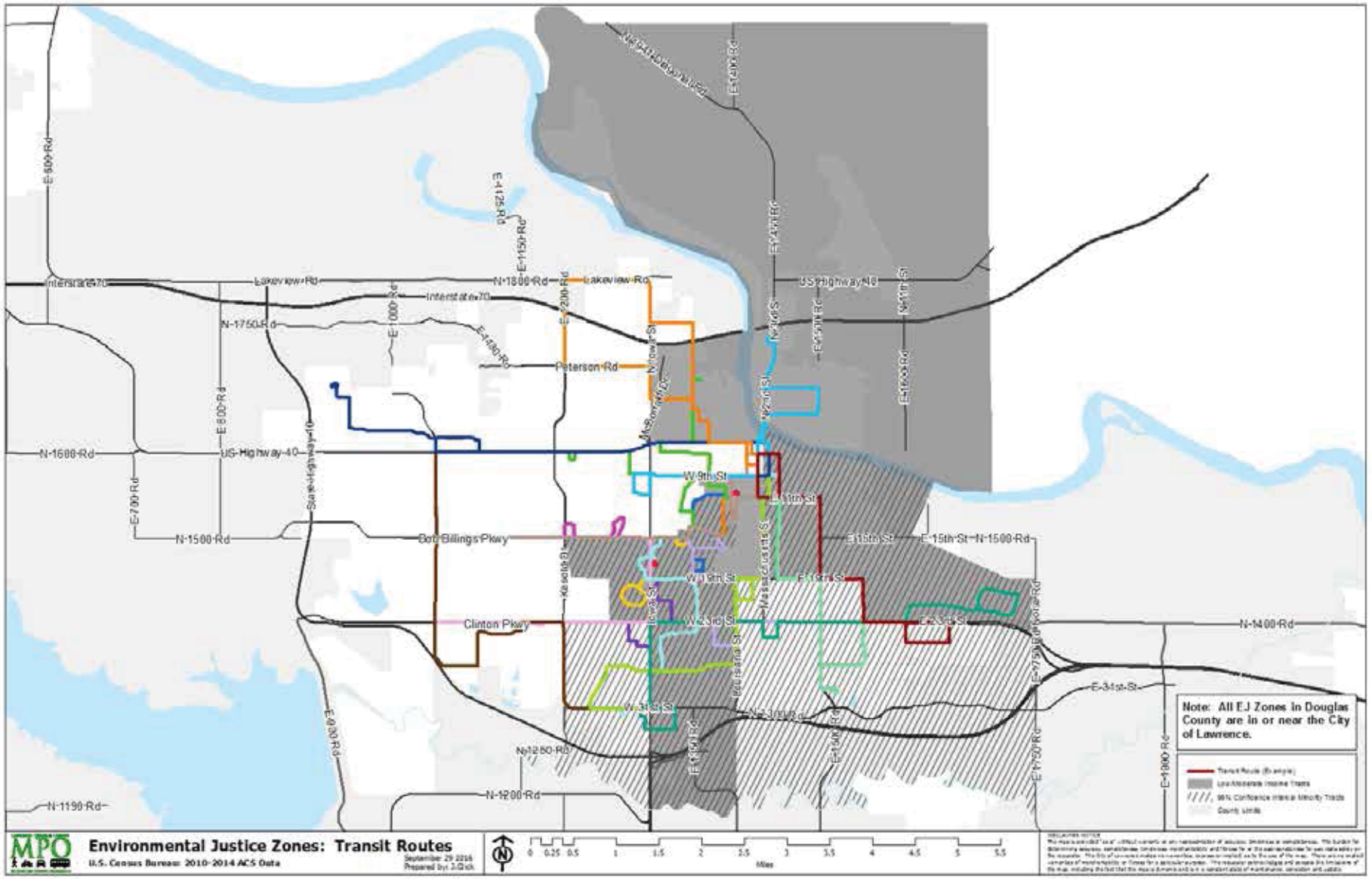


Figure 10: ¼ Mile Fixed Route Transit Sheds in Relation to EJ Zones

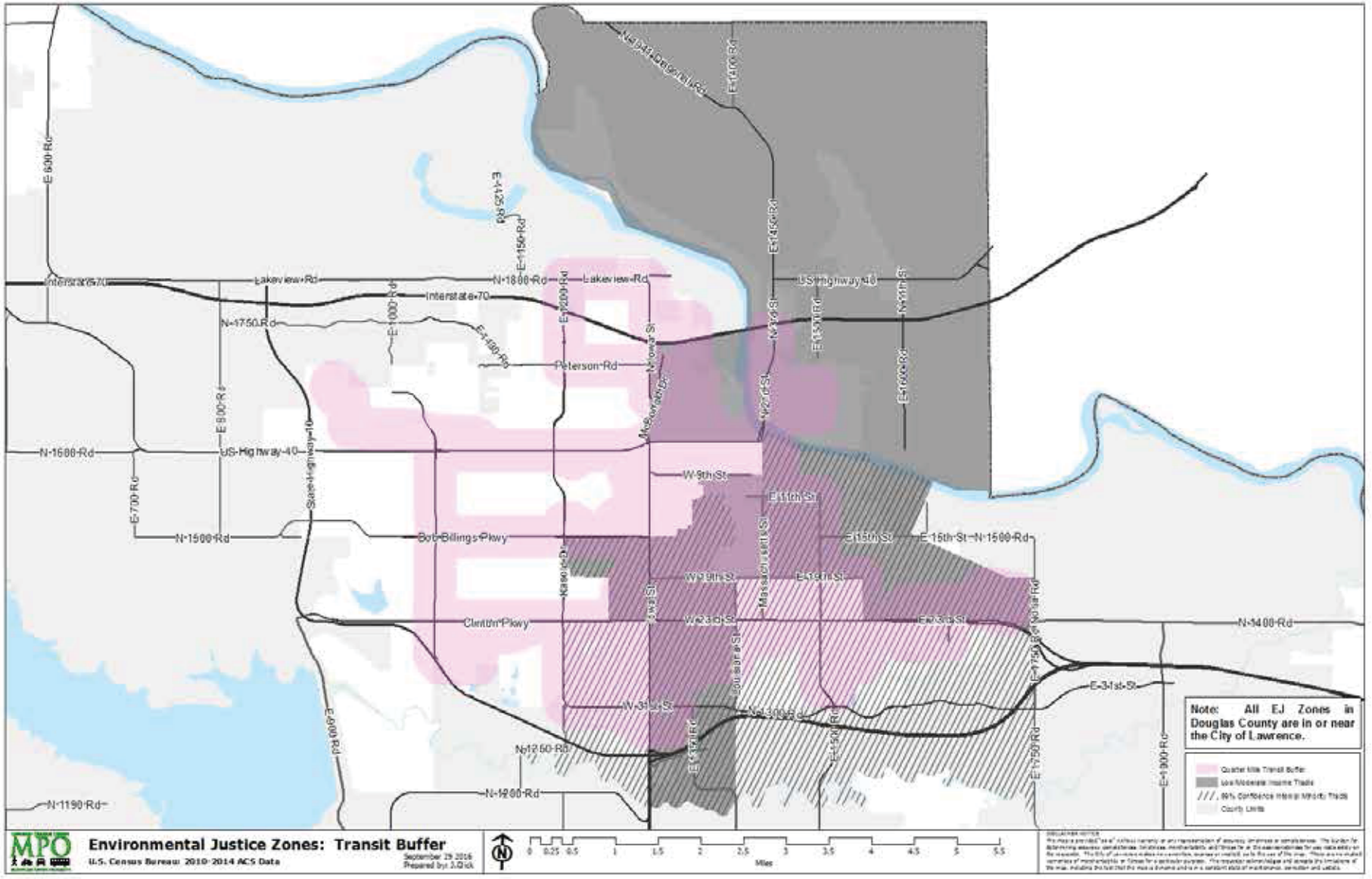
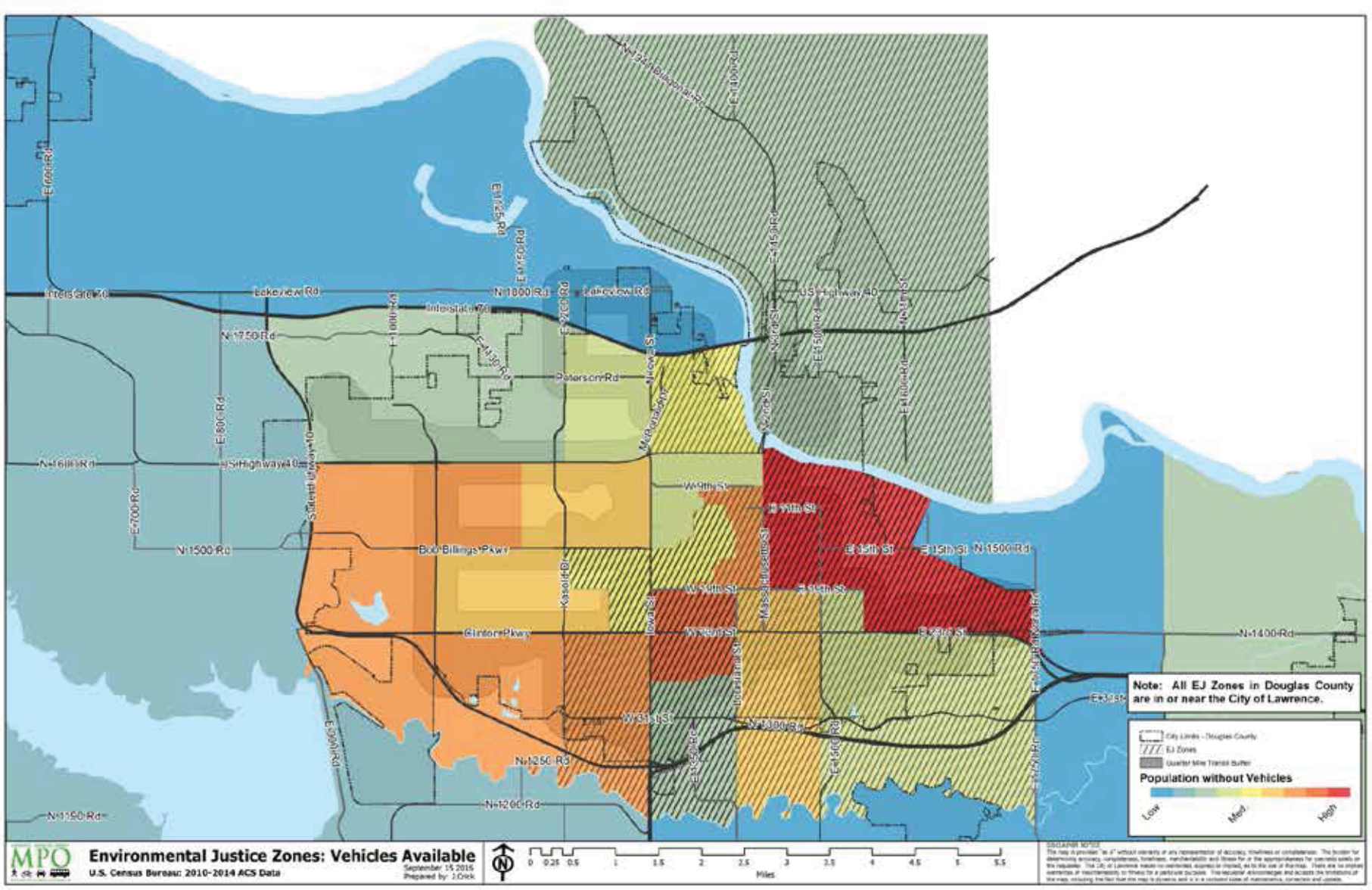


Figure 11: Zero Vehicle Households in Relation to EJ Zones



Conclusion

Reviewing the assessment and analysis in this chapter the MPO believes there are no significant EJ issues with the selection of roadway, bridge, transportation enhancement, or transit projects in Douglas County. This TIP includes projects inside and outside of EJ zones, and projects for this TIP are selected based on objective planning and engineering criteria (e.g., bridge deterioration, pavement condition, transit demand, etc.).

APPENDICES

Appendix A – Planning and Engineering Factors for Project Selection

Planning Factors

- Is the project consistent with the goals and objectives found in the Metropolitan Transportation Plan (MTP)?
- Is the project listed as a recommended transportation system improvement in the MTP?
- Is the project regionally significant as defined by federal regulations and the latest Regionally Significant Policy approved by the MPO?
- Is the project consistent with the latest MPO/FHWA approved Functional Classification Map?
- Is the project consistent with the latest locally approved comprehensive plan (including the land use plan, area plans, Safe Routes to School, and other comprehensive plan elements/chapters) covering the project location?
- Does the project include provisions for transit, bicycle, and pedestrian movements (including students and ADA accessibility) as needed to provide a regional multimodal transportation system?
- Has the project sponsor considered Title VI and Environmental Justice (EJ) impacts in the planning for this project, and if the project is in a minority and/or low-income area has the project sponsor considered and addressed the Title VI and EJ issues related to the project?
- Has the project sponsor received public comments about this project and if received considered those public comments in the planning and design of the project?
- Is the project eligible for the type of federal and/or state funding being proposed for it, and is there adequate funding available for the project in the year it is proposed?

Engineering Factors

- Does the Project address a facility that has (existing or projected) a high volume to capacity ratio indicating it or will experience significant congestion and lower levels of service?
- Does the project location have a traffic accident history marked by a higher than expected accident rate which, along with other accident attributes, indicates that an engineering change could reduce the number and/or severity of crashes?
- Does the project location have pavement conditions noting a deteriorated state showing that the facility is in need of improvements to maintain its function and/or that those improvements can be made economically now before more costly reconstruction is needed?
- Does the project site include geometric design that is inadequate by current standards and does the project sponsor have documentation that this design is hampering the facility's ability to handle the traffic loads and/or vehicle sizes using the facility in a safe and efficient manner, and does the project sponsor plan to address those geometric deficiencies as part of this project?
- Does the project site or facility have structural deficiencies indicating that the facility is near the end of its projected lifespan and that it will need frequent maintenance to function adequately, and does the project sponsor plan to address these structural deficiencies as part of this project?
- Have safety concerns involving motorists, bicyclists, pedestrians and/or transit users and transit operations been identified at the project location and does the project sponsor plan to address those concerns as part of this project?
- Has the project location met minimum engineering standards set by the project sponsor that indicate the facility is in need of improvement, rehabilitation or replacement?

*This list is not exhaustive. It is used at the discretion of local governments and project sponsors and may be changed in the future.

Appendix B – Definitions of Major Projects and Significant Delay

Roadways (including intersections and bridges)

The major roadway projects include projects located on a roadway classified by the MPO as a Major Collector or higher, with construction costs of at least $2.0 million and that have at least one of the following attributes:

- Designed to increase roadway capacity and/or decrease traffic congestion
- Designed to improve safety
- Designed to replace aging infrastructure and bring it up to current standards
- Results in significant delay and/or detours during construction

Major projects do not include the following types of projects that are considered to be routine maintenance projects: mill & overlay, micro-abrasion, micro-surfacing, crack sealing, concrete rehabilitation, curb repairs, sweeping, mowing, spot repairs, and interim measures on detour routes.

Transit Facilities and Services

The major transit projects include projects that need to be listed in the TIP because they use federal funding and/or are regionally significant, have a total cost of at least $1.0 million, and meet at least one of the following criteria:

- Acquisition of three or more new transit vehicles
- Addition or expansion operations and/or maintenance buildings
- Initiation of new transit service or expansion of transit services into territory not previously served

Major transit projects do not include the following types of projects that are considered to be routine: preventive maintenance on transit vehicles; purchase of spare parts, shop supplies and fuel; annually received formula based operating assistance; purchase of bus stop signs, shelters and related items; scheduled purchases of one or two transit vehicles; staff training and recruitment; and other routine operational activities.

Bikeway and Pedestrian Facilities

The major bikeway and pedestrian projects includes projects that need to be listed in the TIP because of federal funding and/or regional significance, and meet at least one of the following criteria:

- Total project cost of at least $ 500,000
- Construction of bikeway or pedestrian facility (or extension of existing facility) into a location where a bicycle/pedestrian facility did not exist before

Major bikeway/pedestrian projects do not include the following types of projects that are considered to be routine maintenance projects: patching, crack sealing, curb repairs, sweeping, mowing, spot repairs, landscaping maintenance, sign replacements, and other routine operational activities.

Significant Delay

The term significant delay will be defined as two years or more from the year first listed for the project in the previous TIP.

Appendix C – Progress on Previous TIP Projects

Major Projects from the Previous 2015-2019 TIP

Using the definitions listed above the following major projects from the previous 2015-2019 TIP were implemented between the start of 2015 and the approval date for this new 2017-2020 TIP. This current TIP covers 2017 to 2020 so some 2017 projects could be listed in both the previous and current TIP documents.

Table C-1: Completed Major Projects

TIP #	Project Type	Project Name	Project Sponsor	Location	Scope	Year	Cost (In 1,000s)
202	Road	Route 1055 from Route 12 to Vinland	Douglas County	Route 1055 from Route 12 (N 400 Rd.) to Route 460 (N 700 Rd.)	Roadside Safety Improvements: Culvert replacemetns/extensions, tree removal in ROW	2014-2015	$ 565
206	Interchange	K-10/15th St./Bob Billings Pkwy Interchange	KDOT	K-10/15th Street/Bob Billings Pwky	Construct interchange	2016	$ 6,432
210	Intersection	Bob Billings Pkwy & George Williams Way Intersection	Lawrence	Bob Billings Pkwy & George Williams Way Intersection	New traffic signal	2015	$ 500
211	Road	Bob Billings Pkwy: Wakarusa to Foxfire Dr Reconstruction	Lawrence	Wakarusa to Foxfire Road	Reconstruction	2015	$ 2,000
215	Road	Lawrence KLINK: Selected portions of Us-59	Lawrence	Mus-59 from 6th St to Harvard Rd and from Irving Hill Rd to 21st St	Mill and Overlay	2016	$ 617
216	Road	Route 1055 3-R Improvements North of Wakarusa	Douglas County	Rte 1055 from Waka. R. Bridge to Relocated Haskell construction	Extend typical section and concrete pavement from south end of relocated Haskell to north end of Wakarusa River bridge	2015	$ 342
217	Road	Route 1055 Pavement Rehabilitation, Rte 12 to N700	Douglas County	Rte 1055 from Rte 12 to N 700	Reconstruction from N 500 Rd north .55 mi; remaining pavement rehabilitated	2015	$ 1,009
218	Bridge	Bridge 0507-1700 Replacement	Douglas County	Rte 1055 .07 mi north of N500 Rd	Replace bridge, stabilize channel	2015	$ 804
223	Bridge	Bridge 1189-1500 Rehabilitation	Douglas County	Rte 1055 at Wakarusa river	Modify South abutment; reset bearing devices; repair deteriorated concrete; polymer concrete overlay	2015	$ 330
228	Road	Bob Billings Parkway Improvements, Kasold to Wakarusa	Lawrence	Kasold to Wakarusa	Major resurfacing, traffic control & sidewalks.	2015-2016	$ 2,400
231	Intersection	US 40/6th St & Champion Lane Signalization	Lawrence	Us 40/6th St & Champion Lane Intersection	Construct traffic signal	2016	$ 440
235	Road	KLINK US 59 (Iowa St)	Lawrence	Us-59 (31st to 23rd St)	Mill & overlay of Iowa Street between 31st and 23rd St with full depth patching and new pavement markings.	2016	$ 870
238	Road	K-10: Approximately 500ft W of Harper St	KDOT		Consolidation of access points (Orschlen's) & construction of right turn lane	2016	$ 113
239	Road	Improvements on K-10 West of Naismith Dr	KDOT	K-10 improvements to median	Median treatment to allow right out only near Natural Grocers	2016	$ 51
240	Road	Access Consolidation on K-10 West of Alabama St (Jiffy Lube)	KDOT	K-10 W of Alabama St	Access improvements	2016	$ 31
241	Road	Access Consolidation on K-10 West of Alabama St (Chipotle)	KDOT	K-10 W of Alabama St	Access improvements	2016	$ 31
300	ITS	23rd St Traffic Signal Coordination	KDOT	Lawrence	Install fiber optic cables & video detection systems	2016	$ 180
301	ITS	West Lawrence Traffic Signal Timing	KDOT/Lawrence	6th St, Wakarusa, Clinton Pkwy	Adaptive traffic signal system - new controllers, PTZ cameras & cabinet modifications	2016	$ 529
404	Transit/ Paratransit	JARC Small Urban Funds	Lawrence Transit	Lawrence	FFY 2009 small Urban JARC funds passed thru from KDOT. 80/20 split.	2015	$ 310
405	Transit/ Paratransit	Transit 5309 Funds	Lawrence Transit	Lawrence	FFY 2008 Capital 83% Fixed Route Bus Replacement	2015	$ 631
406	Transit/ Paratransit	Transit 5309 Funds	Lawrence Transit	Lawrence	FFY 2008 Capital - Bus & Bus Facilities -- Fleet Replacement 83%	2015	$ 177
407	Transit/ Paratransit	Transit 5309 Funds	Lawrence Transit	Lawrence	FFY 2009 Capital 83% Fixed Route Bus Replacement	2015	$ 30
501	Enhancement	Baldwin City Depot Railscape	Baldwin City		Extend the length of the brick boarding platform, cover the platform and install lighting, install native prarirer landscapting and three additional ADA parking spaces to complete the Depot Railscape	2016	$ 260
700	Other	South Lawrence Trafficway Widening Study	KDOT	K-10 West Leg in Douglas County US 59/K10/Iowa to I70/KTA/K10 Junction	Study to provide a 4-lane freeway section, review area issues, current transportation needs, impacts on current projects, interchange configurations, reevaluate the evrn docs for preferred improvements, traffic analysis, field survey & public involvement	2015	$ 175
702	Other	US-59 Seeding Project	KDOT	Douglas Co Line N to 2L/4L divided	Permanent seeding	2015	$ 498

Major Projects from the 2015-2019 TIP That Were Significantly Delayed

Table C-2: Significantly Delayed Major Projects

TIP #	Project Type	Project Name	Project Sponsor	Location	Scope	Original Year	Currently Programmed Year in the TIP	Cost (In 1,000s)
204	Road	Kasold Reconstruction	Lawrence	Kasold Drive: Harvard Road to Bob Billings Pkwy	Reconstruction of street will include subgrade treatment, concrete pavement and multi-modal facilities	2015-2016	2015-2017	$ 5,920
212	Road	9th Street Reconstruction	Lawrence	Massachusetts St to Delaware St	Reconstruction of street will include subgrade treatment, surfacing, storm sewer, geometric improvements and multimodal facilities.	2015-2016	2015-2018	$ 3,600
229	Road	19th Street Reconstruction, O'Connell to Harper	Lawrence	O'Connell to Harper	Reconstruct $ tie into venture park, roundabout at 19th & Harper, construct sidewalk & bike lanes	2016-2017	2018	$ 3,000

Appendix D – Latest Federal Fiscal Year - List of Obligated Projects

The purpose of this listing is to illustrate the progress of federal aid transportation projects in the region as they move through the years in the TIP projects table and onto the recently obligated projects list. Projects are listed based on the year the federal funds were obligated, not necessarily the year the construction of the project began. The federal amount represents the federal funds spent on the project.

The table below describes projects listed in the TIP that were obligated in the previous Federal Fiscal Year (FFY). A listing of projects with federal aid obligated in the previous FFY are presented to the MPO each year for review either as part of a TIP approval or amendment or as a separate memo.

The listing will be made available on the MPO website and sent to the Kansas Department of Transportation who will then distribute the listing to the FHWA and the FTA for informational purposes.

Lawrence-Douglas County MPO Area - List of Project for Which Federal Funds Were Obligated to in FFY 2016 (Cost in $1,000's)

MPO #	KDOT #	Project Name	Responsible Party	Route or Service Area / Project Location	Project Description	Work Description	Federal Funding Source	Federal Funds Requested in TIP	Federal Funds Obligated in FFY 2016	Federal Funds Obligated To Date	Federal Funds Remaining	Bus Acts Pvt Elements	Project Status
402 and 412	5307-45-40	Operating Funds	Lawrence Transit	Lawrence	Transit/Paratransit	Operating	5307	8,790	1,935	1,935	6,855	No	Active
413		Independence Inc./ FTA 5310 Capital Funds	Independence, Inc.	Based in Lawrence - Douglas County	Transit/Paratransit	Capital - Full Size Van Procurement	5310	47	47	47	(0)	No	Active
744	K-7880-01	Franklin-Douglas County Line, North To 2L/4L Divided	KDOT	Franklin-Douglas County Line N to 2L/4L Div	Franklin-Douglas County Line, North To 2L/4L Divided	Gr & Br For 4-L Freeway (Offset Alignment) Construction	STP	60,056	12,161	60,056	0	No	Completed
STHWY-75	K-7880-04	Franklin-Douglas County Line, North To 2L/4L Divided	KDOT	Franklin-Douglas County Line N to 4 Lane Divided section	7.3 Miles No OFFR-DG County Line, No To 2L/4L Divided	Asph Surf For 4-Lane Freeway Const, Gr, Ll, Pvt & Sign	STP	18,589	86	12,289	6,400	No	Close
86	K-0302-04	South Lawrence Trafficway	KDOT	SO Junct US 59/K10 E to K10	K-10 Connection, from South Junction US-59/K-10 East to K-10, South Lawrence Trafficway (SLT)	Construct a 4-Lane Freeway Section with interchanges at US-59, Haskell Avenue and K-10.	STP/ NHPP	173,939	38,607	175,175	(1,230)	Yes	Active
104	KA-0032-01	East Fork Tauy Creek Bridge Replacement (Bridge # 014)	KDOT	US 59 Tauy Creek Drainage Bridge 1.95 miles east of US-59 & Tauy Creek Bridge 2.7 miles east of US-59	East Fork Tauy Creek Bridge (014): 4.15 Miles East of US-59	Bridge Replacement	BR	2,687	34	1,042	1,045	No	Active
STHWY-87	KA-7059-01	West Fork Tauy Creek Bridge Replacement (Bridge # 015)	KDOT	US 59 over West Fork of Tauy Creek .14m N of DGFR County Line.	Bridge #015, 0.14 Miles North of the Douglas/Franklin County Line	Bridge Replacement based on a 36 ft. roadway.	STP	810	8	618	213	No	Close
500	TE-0173-01	Santa Fe Depot Restoration	Lawrence	413 East 7th Street, Lawrence, KS	Preservation of Santa Fe Station located at 413 E 7th Street, Lawrence	Preservation of historic features, improvements to the exterior (doors, roof, chimney and windows), interior improvements (doors, walls, ADA compliance, restoration of original finishes and furnishings), and mechanical/electrical systems (heating and cooling systems, light fixtures, fire suppression system, emergency lighting)	TE	1,153	(1,100)	0	1,153	No	Active
501	TE-0424-01	Baldwin City Depot Railscape	Baldwin City	1601 High Street, Baldwin City, KS	Baldwin City Depot located at 1601 High Street	Improvements to depot platform including extending the length of the brick train boarding platform, covering the boarding platform, platform lighting, landscaping, and addition of three ADA parking places	TE	179	175	175	(1)	No	Active
502	U-0464-01	City of Lawrence (Safe Routes to School)	Lawrence	Lawrence	City of Lawrence	Preliminary Engineering to develop Safe Routes to School Master Plan	TE	15	(15)	0	15	Yes	Active
	K-2802-01	BNSF & E 1900 Road east of Lawrence	KDOT	BNSF & E 1900 Road east of Lawrence	BNSF & E 1900 Road east of Lawrence	Rail-Highway Signals Flashing Light Straight Post Type w/Gates	HSIP	2,000	561	561	1,439	No	Active

Legend

5307 - FTA Section 5307 - Operating Assistance, Preventive Maintenance, Program Administration, & Security and Capital
5309 - FTA Section 5309 - Capital Bus and Bus Facilities
5310 - FTA Section 5310 - Elderly and Disabled
5317 - FTA Section 5317 - New Freedom
5339 - FTA Section 5339 - Bus and Bus Facilities
BR - Bridge Replacement Funds
HSIP - Highway Safety Improvement Program
NHPP - National Highway Performance Program
STP - Surface Transportation Program
SRTS - Safe Routes to School
TE - Transportation Enhancement

Appendix E – TIP Public Participation

Task	Date	July	August	September	October	November
Discuss TIP Development with TAC and MPO Policy Board	TAC - 7/5/16 MPO - 7/21/16					
TIP Project Submission Deadline to MPO Staff	7/22/16					
Send draft to KDOT, FHWA, and FTA for review	8/1/16 - 8/8/16					
Incorporate KDOT, FHWA, and FTA comments	8/8/16 - 8/18/16					
Draft for 30 day public comment period*	8/19/16 - 9/18/16					
Send draft plan to TAC/Policy Board for Review as a part of the public comment period	8/19/16 - 9/18/16					
Incorporate public comments and other KDOT, FHWA, and FTA comments	9/19/16 - 9/20/16					
Send revised draft back to KDOT, FHWA, and FTA	9/20/16 - 9/23/16					
TAC/MPO Policy Board consideration of incorporating public comments into final TIP	TAC - 10/4/16 MPO - 10/5/16					
Pending Policy Board approval post online and send to KDOT, FHWA, and FTA	10/5/16					
Inclusion in Kansas STIP	November					

* Public participation process includes: Newspaper advertisement, email to subscription list, place document online and at public locations - Baldwin City Public Library, Eudora Public Library, Lawrence Public Library, Lecompton City Hall, and MPO Office.

TIP public comments can be viewed at www.lawrenceks.org/mpo/tip/comments.

Appendix F – TIP Project Submission Form

Project Sponsor: _____

Project Name: _____

Location (to/from location):_____

Length (mi):_____ KDOT #:_____

Project Type (choose from available options on TIP Appendix I):_____

Work Type (choose from available options on TIP Appendix I):_____

Description:

Comments:

Does this project use Advanced Construction?	Yes	No
Will the project occur in more than one year?	Yes	No
Is the project in the Current MTP's Fiscally Constrained List of Recommended Projects?	Yes	No
Is the project listed in the MTP as an Illustrative Project?	Yes	No
Does the project address a transport system issue discussed or noted in the MTP?	Yes	No
If so, please list the issue(s): _____		
Is the project regionally significant as defined by the L-DC MPO?	Yes	No
Is the project identified as a TCM in the SIP?	Yes	No
Does this project have any ITS elements?	Yes	No
If yes, are the elements consistent with the approved ITS Plan?	Yes	No
Is the project listed and/or described in other documents or plans?	Yes	No

If so, list the documents:

_____

Total Project Cost (all years, all phases in $1,000s):_____

FFY	Fund Source	Phase	Federal	State	Local	If Local list source:

Local funding sources: Sales Tax, Bond, General Fund, CIP, Storm Water, etc

Appendix G – Funding Summary Table

The table below displays the fiscal breakdown by funding source for all roadway and transit projects listed in the 2017-2020 TIP. The projects are shown by year and funding source.

Estimated Expenditures by Year and Funding Source (in thousands)						
Funding Source		**FFY 2017**	**FFY 2018**	**FFY 2019**	**FFY 2020**	**Total**
Federal Funds	FTA 5307	$ 2,135	$ 2,135	$ 2,135	$ -	**$ 6,405**
	FTA 5310	$ 47	$ 156	$ -	$ -	**$ 203**
	FTA 5311	$ 54	$ 57	$ -	$ -	**$ 111**
	HSIP	$ 1,100	$ 1,245	$ 600	$ 500	**$ 3,445**
	STP	$ -	$ -	$ -	$ -	**$ -**
	TE/TA	$ 1,462	$ 773	$ 1,597	$ -	**$ 3,832**
	HRRR	$ 36	$ -	$ -	$ -	**$ 36**
	Other	$ -	$ -	$ -	$ -	**$ -**
State		$ 4,310	$ 2,792	$ 6,165	$ 500	**$ 13,767**
State AC Conversion*		$ (500)	$ (500)	$ (500)	$ (500)	**$ (2,000)**
Local		$ 24,404	$ 23,798	$ 9,024	$ 1,470	**$ 58,696**
Total		**$ 33,048**	**$ 30,456**	**$ 19,021**	**$ 1,970**	**$ 84,495**

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

Anticipated Funding (in thousands)					
Funding Source	**FFY 2017**	**FFY 2018**	**FFY 2019**	**FFY 2020**	**Total**
Federal: FTA	$ 2,698	$ 2,739	$ 2,780	$ 2,822	**$ 11,038**
Federal: FHWA	$ 10,650	$ 10,810	$ 10,972	$ 11,137	**$ 43,570**
State	$ 2,604	$ 3,366	$ 7,183	$ 2,723	**$ 15,877**
Local	$ 33,971	$ 32,527	$ 17,810	$ 18,077	**$102,384**
Total	**$ 49,924**	**$ 49,442**	**$ 38,745**	**$34,759**	**$172,870**

Anticipated funding is based on historical TIP programs averages from FFY2012-2015 that can be reasonably expected for FFY2017-2020. Local anticipated funding also includes known bonds and other sources of local funds for FFY2017 and FFY2018. Federal and State Funding as well as FFY2019 and FFY2020 Local funds includes 1.5% inflation.

The 2008 Lawrence sales tax referendum which funds 1) Roads/Infrastructure, 2) Transit Service, and 3) Transit Operating/Capital Improvements will be sunsetting in April of 2019. Decisions regarding future funding will need to be made. For the purposes of this fiscal constraint, it is assumed this funding will be available in the future.

Appendix H - Summary of TIP Changes

Costs in 1,000s

FFY 2017 - 2020 L-DC MPO Transportation Improvement Program (TIP)

Revision Summary: Amendment 3

TIP #:	KDOT #:	Project Name:	Project Sponsor:	Action:	Revision Description:	Total Project Cost:
505	TE-0459-01	19th & Iowa St Ped/Bike Underpass	Lawrence	New Project	Adding $200 of Local PE in 2018, $200 of Local CE in 2019, $1,597 TA CONST in 2019, and $400 of Local CONST in 2019.	$2,397
506	U-2334-01	Lawrence Safe Routes to School TA Phase 2	Lawrence	New Project	Adding $20 of Local PE, $394 of TA CONST, $99 of Local CONST, and $20 of Local CE funding in 2018.	$533
110	KA-4473-04	23rd St 2 Way Left Turn Lane	KDOT	Project Change	Revising 2019 State CONST from $500 to $460, adding $10 of 2019 Local CE, $940 of 2019 Local CONST, $20 of 2019 State PE, and $20 of 2019 State ROW funding.	$1,450
212		9th Street Reconstruction	Lawrence	Project Change	Revising 2015 Local PE from $300 to $170, Revising 2018 Local CONST from $3,000 to $2,330, and reducing 2018 Local UTIL from $300 to $0.	$2,500
230		Queens Road, 6th to North City Limits	Lawrence	Project Change	Updating project description to correctly include a roundabout at Overland Dr and Queens Rd.	$3,800
500	23TE-0373-01	Santa Fe Depot Restoration	Lawrence	Project Change	Shifting 2016 Local PE to 2018.	$1,501
501	TE-0424-01	Baldwin City Depot Railscape	Baldwin City	Project Change	Shifting and revising 2016 funding to 2018 funding. TA CE from $5 to $27, Local CE from $2 to $14, TA CONST from $169 to $163, Local CONST from $83 to $80, and $1 of Local PE funding.	$285

Appendix I – TIP Project Listings

1 **Project Sponsor:** KDOT

2 **TIP #:** 242

3 **Length (mi):** 0.50

4 **Project Type:** Road

5 **Date Added:** 1/2016

6 **Description:**
Access Improvements

7 **Project Name:** Access Consolidation on K-10 West of Ousdahl Rd

8 **KDOT #:** K-9667-10

9 **Location:** K-10 W of Ousdahl Rd.

10 **Work Type:** Access Management

11 **Last Revised:** 10/2016

12 **Comments:**

13 FFY	14 Fund Source	15 Phase	16 Federal	State	Local
2017	State	CONST	$0	$60	$0
2017	Local	CONST	$0	$0	$20

17 **Federal Total:** $0

18 **Non-Federal Total:** $80

19 **Grand Total:** $80

1 **Project Sponsor:** Agency responsible for project

2 **TIP #:** MPO assigned number based on project type:
- 100 – Roadway/Intersection
- 200 – Bridges
- 300 – ITS
- 400 – Transit/Paratransit
- 500 – Enhancement
- 600 – Safety
- 700 – Other – studies

3 **Length (mi):** Measures the length or distance of the project

4 **Project Type:** Classified into categories:
- Bridge
- Enhancement
- Interchange
- Intersection
- ITS
- Road
- Safe Routes To Schools (SRTS)
- Safety
- Traffic Signal
- Transit/Paratransit

5 **Date Added:** Date incorporated into the TIP

6 **Description:** Brief definition of the range of the project's work and tasks included

7 **Project Name:** General project name to identify the project

8 **KDOT #:** Assigned by KDOT for each state administered and/or funded project (including projects for which KDOT provides federal money to the local government)

9 **Location:** Identifies the starting and ending point of project

10 **Work Type:** Classified into categories:
- Access Management
- Bridge Rehabilitation
- Bridge Replacement
- Capital
- Geometric Improvement
- Grading
- Mill/Overlay
- Operating
- Other
- Pedestrian & Bicycle Work
- Planning
- Reconstruction
- Redeck Bridge
- Safety
- Seeding
- Signage
- Signal
- Special Work
- Surfacing
- Vehicle Replacement

11 **Last Revised:** Date of most recent project adjustment and amendment/revision number

12 **Comments:** Include notes or observations about the project, not included in the other categories.

13 **FFY:** Federal Fiscal Year – October 1 – September 30

14 **Fund Source:**
- National Highway Performance Program (NHPP)
- Surface Transportation Program (STP)
- Highway Safety Improvement Program (HSIP)
- Railway-Highway Crossings (set-aside from HSIP)
- Transportation Alternatives (TA) –includes Safe Routes To School funding
- Urban Area Formula Grants (5307)
- Rural Area Formula Grants (5311)
- Enhanced Mobility of Seniors and Individuals with Disabilities (5310)
- Bus and Bus Facilities (5339) Program
- State of Kansas Funding (State)
- Local Government Funding (Local) - County and City funds from local property and sales taxes

15 **Phase:**
- PE – Preliminary Engineering
- ROW – Right of Way
- CE – Construction Engineering
- CONST – Construction
- CAP – Capital
- OP – Operating
- UTIL - Utilities

16 **Funding:** Federal, State, or Local funding shown in 1,000s

17 **Federal Total:** Total federal funding

18 **Non-Federal Total:** Total non-federal (state and local) funding

19 **Grand Total:** Total amount of funding for the project

Project Sponsor: KDOT

Project Name: US 56 Tauy Creek Drainage Bridge

TIP #: 103

KDOT #: KA-0033-01

Length (mi): 0.00

Location: Bridge 1.95 miles east of US 59 & Tauy Creek Bridge 2.7 miles east of US-59

Project Type: Bridge

Work Type: Bridge Replacement

Date Added: 2/2017

Last Revised:

Description:
Bridge Replacement

Comments:
Amendment to revise the source of local match to the use of Toll Credits. The Federal amount of STP reflects the change to Toll Credits. The State amount reflects the non-participating amount of the project.

FFY	Fund Source	Phase	Federal	State	Local
2010	STP	PE	$362	$0	$0
2010	State	PE	$0	$26	$0
2012	STP	UTIL	$206	$0	$0
2013	STP	CE	$98	$0	$0
2013	State	CE	$0	$6	$0
2013	STP	CONST	$2,092	$0	$0
2013	State	CONST	$0	$23	$0
2013	State	ROW	$0	$223	$0

Federal Total: $2,758 **Non-Federal Total:** $278 **Grand Total:** $3,036

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 Drive

Project Type: Road

Work Type: Grading, Bridge, Surfacing

Date Added: 10/2016

Last Revised: 2/2017

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 - this amendment makes no changes to scope or funding.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	PE	$0	$0	$300
2019	Local	PE	$0	$0	$300
2020	Local	ROW	$0	$0	$250
2020	Local	UTIL	$0	$0	$20
2021	Local	CONST	$0	$0	$8,000

Federal Total: $0 **Non-Federal Total:** $8,870 **Grand Total:** $8,870

Project Sponsor: Lawrence

Project Name: Kasold Reconstruction: Clinton Parkway to HyVee

TIP #: 107

KDOT #:

Length (mi): 0.20

Location: Kasold from 22nd Street to Clinton Parkway

Project Type: Road

Work Type: Reconstruction

Date Added: 10/2016

Last Revised: 2/2017

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
2017	Local	PE	$0	$0	$100
2018	Local	CONST	$0	$0	$1,000

Federal Total: $0 **Non-Federal Total:** $1,100 **Grand Total:** $1,100

Project Sponsor: Lawrence

Project Name: Wakarusa Reconstruction: 18th to 23rd St

TIP #: 108

KDOT #:

Length (mi): 0.60

Location: Wakarusa - 18th to 23rd St

Project Type: Road

Work Type: Reconstruction

Date Added: 10/2016

Last Revised: 2/2017

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

Comments:
Included in CIP. Changed TIP # from 102 to 108 in 2/2017 - this amendment makes no changes to scope or funding.

FFY	Fund Source	Phase	Federal	State	Local
2020	Local	PE	$0	$0	$250
2021	Local	CONST	$0	$0	$2,500

Federal Total: $0 **Non-Federal Total:** $2,750 **Grand Total:** $2,750

Project Sponsor: KDOT

Project Name: South Lawrence Trafficway/K-10 West Leg in DG Co.

TIP #: 109

KDOT #: KA-3634-04

Length (mi): 0.00

Location: K-10: 2000 ft W of Junction K-10/E 1200 Rd to 1500 ft E of Junction of K-10/E 1200 Rd

Project Type: Intersection

Work Type: Reconstruction

Date Added: 10/2016

Last Revised: 2/2017

Description:
Conversion of Standard Stop Controlled intersection to Right In - Right Out configuration

Comments:
Project lets in Sept '17. Changed TIP # from 103 to 109 in 2/2017 - this amendment makes no changes to scope or funding.

FFY	Fund Source	Phase	Federal	State	Local
2016	State	CE	$0	$4	$0
2016	State	CONST	$0	$69	$0
2016	State	PE	$0	$231	$0

Federal Total: $0 **Non-Federal Total:** $304 **Grand Total:** $304

Project Sponsor: KDOT

Project Name: 23rd St 2 Way Left Turn Lane

TIP #: 110

KDOT #: KA-4473-04

Length (mi): 0.32

Location: 23rd St: Louisiana St to Massachusetts St

Project Type: Road

Work Type: Special Work

Date Added: 2/2017

Last Revised: 12/2017

Description:
Construction of a 2 way left turn lane on 23rd St from Louisiana St to Massachusetts St

Comments:
This project is part of the 23rd St KDOT/City turn back agreement. Agreement #385-16 was executed 4/24/17.

FFY	Fund Source	Phase	Federal	State	Local
2019	Local	CE	$0	$0	$10
2019	State	CONST	$0	$460	$0
2019	Local	CONST	$0	$0	$940
2019	State	PE	$0	$20	$0
2019	State	ROW	$0	$20	$0

Federal Total: $0 **Non-Federal Total:** $1,450 **Grand Total:** $1,450

Project Sponsor: KDOT

Project Name: 23rd St Resurfacing: Iowa St to Ousdahl Rd

TIP #: 111

KDOT #: KA-4473-03

Length (mi): 0.25

Location: 23rd St: Iowa St to Ousdahl Rd

Project Type: Road

Work Type: Surfacing

Date Added: 2/2017

Last Revised:

Description:
Resurfacing 23rd St from Iowa St to Ousdahl St

Comments:
This project is part of the 23rd St KDOT/City turn back agreement. This agreement, including final project(s) cost share, has not been finalized to date.

FFY	Fund Source	Phase	Federal	State	Local
2018	State	CONST	$0	$300	$0

Federal Total: $0 **Non-Federal Total:** $300 **Grand Total:** $300

Project Sponsor: KDOT

Project Name: South Lawrence Trafficway

TIP #: 200

KDOT #: K-8392-04

Length (mi): 5.96

Location: SO Junct US 59/K10 E to K10

Project Type: Road

Work Type: Special Work, Right of Way

Date Added: 10/2014

Last Revised: 7/2016

Description:
Linked to Project L-8392-01.

Comments:
Revise the source of local match for the use of toll credits- Fed amount of NHPP/STP reflect change to toll credits. State $ reflects non-participating amount of project.

FFY	Fund Source	Phase	Federal	State	Local
2016	STP/NHPP	CONST/CE	$143,662	$0	$0
2016	STP/NHPP	PE	$9,049	$0	$0
2016	State	PE/R/U/C/CE	$0	$4,030	$0
2016	STP/NHPP	UTIL	$18,743	$0	$0

Federal Total: $171,454 **Non-Federal Total:** $4,030 **Grand Total:** $175,484

Project Sponsor: Douglas County

Project Name: Route 458 3-R Improvements

TIP #: 201

KDOT #:

Length (mi): 4.30

Location: Route 458 between E 800 Rd & N 1175 Rd Douglas County

Project Type: Road

Work Type: Surfacing, Reconstruction

Date Added: 10/2014

Last Revised:

Description:
3-R Improvements (restoration, resurfacing, reconstruction).

Comments:
Const in 2017.

FFY	Fund Source	Phase	Federal	State	Local
2015	Local	PE	$0	$0	$480
2016	Local	ROW	$0	$0	$300
2016	Local	UTIL	$0	$0	$200
2017	Local	CONST	$0	$0	$5,000

Federal Total: $0 **Non-Federal Total:** $5,980 **Grand Total:** $5,980

Project Sponsor: Lawrence

Project Name: 19th Street: Naismith to Iowa Reconstruction

TIP #: 203

KDOT #:

Length (mi): 0.50

Location: 19th St from Iowa to Naismith

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 10/2014

Last Revised: 10/2016

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

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	PE	$0	$0	$200
2018	Local	CONST	$0	$0	$1,800

Federal Total: $0 **Non-Federal Total:** $2,000 **Grand Total:** $2,000

Project Sponsor: Lawrence

Project Name: Kasold Reconstruction: 6th St to Bob Billings Pkwy

TIP #: 204

KDOT #:

Length (mi): 1.00

Location: Kasold Drive: 6th St to Bob Billings Pkwy

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 10/2014

Last Revised: 2/2017

Description:
Reconstruction of street will include subgrade treatment, concrete pavement, traffic signal at Kasold and Harvard, and multi-modal facilities.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2015	Local	UTIL	$0	$0	$500
2017	Local	CONST	$0	$0	$6,000

Federal Total: $0 **Non-Federal Total:** $6,500 **Grand Total:** $6,500

Project Sponsor: KDOT

Project Name: 23rd Street (K-10) Access Point Consolidation

TIP #: 205

KDOT #: K-9667-01

Length (mi): 3.00

Location: 23rd St. (K-10) from US 59 (Iowa St.) E to O'Connell Rd.

Project Type: Road

Work Type: Access Management

Date Added: 10/2014

Last Revised: 8/2017

Description:
Consolidation of Access Points

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	PE	$0	$0	$67
2017	Local	ROW	$0	$0	$123
2018	State	CE	$0	$26	$0
2018	Local	CE	$0	$0	$76
2018	State	CONST	$0	$78	$0
2018	Local	CONST	$0	$0	$26
2018	Local	UTIL	$0	$0	$25

Federal Total: $0 **Non-Federal Total:** $421 **Grand Total:** $421

Project Sponsor: Douglas County
Project Name: Route 1055 at North 700 Curve
TIP #: 208
KDOT #:
Length (mi): 0.50
Location: Route 1055 from 725 North to 1675 East
Project Type: Road
Work Type: Geometric Improvement, Bridge Replacement
Date Added: 10/2014
Last Revised: 10/2016
Description:
Reconstruct curve, replace two bridges and one culvert
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	ROW	$0	$0	$250
2018	Local	PE	$0	$0	$120
2018	Local	ROW	$0	$0	$10
2019	Local	UTIL	$0	$0	$20
2020	Local	CONST	$0	$0	$950

Federal Total: $0 **Non-Federal Total:** $1,350 **Grand Total:** $1,350

Project Sponsor: Lawrence
Project Name: 9th Street Reconstruction
TIP #: 212
KDOT #:
Length (mi): 0.45
Location: Massachusetts St to Delaware St
Project Type: Road
Work Type: Grading, Surfacing
Date Added: 10/2014
Last Revised: 12/2017
Description:
Reconstruction of street will include subgrade treatment, surfacing, storm sewer, geometric improvements and multimodal facilities.
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2015	Local	PE	$0	$0	$170
2018	Local	CONST	$0	$0	$2,330

Federal Total: $0 **Non-Federal Total:** $2,500 **Grand Total:** $2,500

Project Sponsor: Lawrence

Project Name: Wakarusa Reconstruction (North)

TIP #: 213

KDOT #:

Length (mi): 0.50

Location: North of Inverness/Legends to 6th St

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 10/2014

Last Revised:

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

Comments:
Linked to project #226.

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	PE	$0	$0	$150
2017	Local	CONST	$0	$0	$3,500

Federal Total: $0 **Non-Federal Total:** $3,650 **Grand Total:** $3,650

Project Sponsor: Lawrence

Project Name: Wakarusa Reconstruction (South)

TIP #: 214

KDOT #:

Length (mi): 0.22

Location: Research Parkway to 18th Street

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 10/2014

Last Revised:

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

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	PE	$0	$0	$100
2019	Local	CONST	$0	$0	$2,500

Federal Total: $0 **Non-Federal Total:** $2,600 **Grand Total:** $2,600

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Douglas County

Project Name: Route 458 Improvements, E1500 to E1600

TIP #: 219

KDOT #:

Length (mi): 1.00

Location: E1500 to E1600

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 8/2015

Last Revised:

Description:
Construct paved shoulders; replace narrow culvert; flatten roadside slope

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	ROW	$0	$0	$30
2018	Local	UTIL	$0	$0	$40
2019	Local	CONST	$0	$0	$1,130

Federal Total: $0 **Non-Federal Total:** $1,200 **Grand Total:** $1,200

Project Sponsor: Douglas County

Project Name: Route 1055 Improvements, N1000 to N1180

TIP #: 220

KDOT #:

Length (mi): 1.80

Location: N1000 to N1180

Project Type: Road

Work Type: Grading, Surfacing

Date Added: 8/2015

Last Revised:

Description:
Construct paved shoulders; replace narrow culvert; flatten roadside slope

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	ROW	$0	$0	$45
2017	Local	UTIL	$0	$0	$70
2018	Local	CONST	$0	$0	$1,885

Federal Total: $0 **Non-Federal Total:** $2,000 **Grand Total:** $2,000

Project Sponsor: Douglas County
Project Name: Bridge 1000-1638 Replacement
TIP #: 222
KDOT #:
Length (mi): 0.17
Location: Rte 458 .38 mi east of Rte 1055
Project Type: Bridge
Work Type: Bridge Replacement
Date Added: 8/2015
Last Revised:
Description:
Replace Rte 458 bridge over Coal Creek
Comments:
Includes replacing Br No. 1001-1649; PE completed 2014' ROW/Utilities completed 2015

FFY	Fund Source	Phase	Federal	State	Local
2013	Local	PE	$0	$0	$69
2014	Local	PE	$0	$0	$67
2015	Local	PE	$0	$0	$4
2015	Local	ROW	$0	$0	$3
2016	Local	CONST	$0	$0	$795

Federal Total: $0 **Non-Federal Total:** $938 **Grand Total:** $938

Project Sponsor: Douglas County
Project Name: Bridge 0064-0550 Replacement
TIP #: 224
KDOT #:
Length (mi): 0.10
Location: Rte 1029 .6 mi North of N1 Rd
Project Type: Bridge
Work Type: Bridge Replacement
Date Added: 8/2015
Last Revised:
Description:
Replace Bridge
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	PE	$0	$0	$41
2016	Local	ROW	$0	$0	$10
2016	Local	UTIL	$0	$0	$10
2017	Local	CONST	$0	$0	$625

Federal Total: $0 **Non-Federal Total:** $686 **Grand Total:** $686

Project Sponsor: Douglas County
Project Name: Culvert 1500-1624 Replacement
TIP #: 225
KDOT #:
Length (mi): 0.10
Location: N 1500 Rd/E 15th St. at E 1625 Rd Intersection
Project Type: Road
Work Type: Grading, Surfacing
Date Added: 8/2015
Last Revised:
Description:
Replace narrow culverts, channel improvements
Comments:
South half N1500 Rd in City Limits

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	ROW	$0	$0	$20
2016	Local	UTIL	$0	$0	$20
2017	Local	CONST	$0	$0	$460

Federal Total: $0 **Non-Federal Total:** $500 **Grand Total:** $500

Project Sponsor: Lawrence
Project Name: Harvard & Wakarusa Roundabout
TIP #: 226
KDOT #: U-0561-01
Length (mi): 0.24
Location: Harvard & Wakarusa Intersection
Project Type: Intersection
Work Type: Geometric/Intersection Improvements
Date Added: 8/2015
Last Revised: 8/2017
Description:
Convert All Way Stop controlled intersection to two lane roundabout
Comments:
PE/ROW are each estimated at 10% of Construction Costs. Linked to project #213.

FFY	Fund Source	Phase	Federal	State	Local
2015	State	PE	$0	$6	$0
2017	Local	CE	$0	$0	$195
2017	HSIP	CE	$36	$0	$0
2017	Local	CONST	$0	$0	$1,380
2017	HSIP	CONST	$564	$0	$0
2017	Local	PE	$0	$0	$20
2017	Local	ROW	$0	$0	$13

Federal Total: $600 **Non-Federal Total:** $1,614 **Grand Total:** $2,214

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence

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

TIP #: 229

KDOT #:

Length (mi): 0.54

Location: O'Connell to Harper

Project Type: Road

Work Type: Reconstruction

Date Added: 8/2015

Last Revised: 7/2016

Description:
Reconstruct & tie into venture park, roundabout at 19th & harper, construct sidewalk & bike lanes

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

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CONST	$0	$0	$2,500
2018	Local	PE	$0	$0	$250
2018	Local	ROW	$0	$0	$250

Federal Total: $0 **Non-Federal Total:** $3,000 **Grand Total:** $3,000

Project Sponsor: Lawrence

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

TIP #: 230

KDOT #:

Length (mi): 0.75

Location: 6th Street to North City Limits

Project Type: Road

Work Type: Reconstruction

Date Added: 8/2015

Last Revised: 12/2017

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

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
2018	Local	CONST	$0	$0	$3,000

Federal Total: $0 **Non-Federal Total:** $3,800 **Grand Total:** $3,800

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence

Project Name: 23rd & Ousdahl Storm Sewer Improvements

TIP #: 232

KDOT #: KA-4473-02

Length (mi):

Location: 23rd & Ousdahl Intersection

Project Type: Intersection

Work Type: Intersection Improvements

Date Added: 8/2015

Last Revised: 2/2017

Description:
Geometric Improvements & Storm Sewer

Comments:
PE/ROW are each estimated at 10% of Construction Costs. This project is part of the 23rd St KDOT/City turn back agreement. This agreement, including final project(s) cost share, has not been finalized to date.

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	ROW	$0	$0	$250
2017	Local	CONST	$0	$0	$2,500
2017	Local	PE	$0	$0	$250
2018	State	CONST	$0	$700	$0
2018	Local	CONST	$0	$0	$300

Federal Total: $0 **Non-Federal Total:** $4,000 **Grand Total:** $4,000

Project Sponsor: Lawrence

Project Name: 23rd Street Reconstruction, Haskell to East City Limits

TIP #: 234

KDOT #: KA-4473-01

Length (mi): 2.01

Location: Haskell to East City Limits

Project Type: Road

Work Type: Reconstruction

Date Added: 8/2015

Last Revised: 2/2017

Description:

Comments:
PE/ROW are each estimated at 10% of Construction Costs. Project is part of the 23rd St KDOT/City turn back agreement. This agreement, including final project(s) cost share, has not been finalized to date.

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	ROW	$0	$0	$600
2018	Local	CONST	$0	$0	$6,000
2018	Local	PE	$0	$0	$600
2019	State	CONST	$0	$4,000	$0

Federal Total: $0 **Non-Federal Total:** $11,200 **Grand Total:** $11,200

Project Sponsor: KDOT

Project Name: SLT/K-10 West Leg in Douglas County

TIP #: 236

KDOT #: KA-3634-02

Length (mi): 1.20

Location: I-70/K10 Junction South to 3500 ft N of K-10/US-40 Junction

Project Type: Road/Interchange

Work Type: Interchange/Reconstruction

Date Added: 1/2016

Last Revised:

Description:
Add 2 lanes to existing 2 lanes for a 4 lane freeway section. This will include reconstruction of existing interchange @ KTA (I-70). A mainline ORT (open road tolling) toll plaza on K-10 is included in reconstruction of interchange @ I-70.

Comments:
Project is authorized for PE only. The total project cost, including all work phases, is estimated at $73,775 K. This estimate should be used for planning purposes only.

FFY	Fund Source	Phase	Federal	State	Local
2016	State	PE	$0	$4,200	$0

Federal Total: $0 **Non-Federal Total:** $4,200 **Grand Total:** $4,200

Project Sponsor: KDOT

Project Name: SLT/K-10 West Leg in Douglas County

TIP #: 237

KDOT #: KA-3634-03

Length (mi): 7.00

Location: 3500 ft N of K-10/US-40 Junction,to K-10 US-59/Iowa St Junction

Project Type: Road/Interchange

Work Type: Interchange/Reconstruction

Date Added: 1/2016

Last Revised:

Description:
Add 2 lanes to existing 2 lanes for a 4 lane freeway section. Includes existing interchanges @ US-40, Bob Billings, Clinton & US-59. New interchange approx. .8 mi east of Wakarusa/27th St intersection. Kasold Dr intersection will be RI-RO [Project #109]

Comments:
Project is authorized for PE only. The total project cost, including all work phases, is estimated at $159,800 K. This estimate should be used for planning purposes only.

FFY	Fund Source	Phase	Federal	State	Local
2016	State	PE	$0	$10,800	$0

Federal Total: $0 **Non-Federal Total:** $10,800 **Grand Total:** $10,800

Project Sponsor: KDOT
Project Name: Access Consolidation on K-10 West of Ousdahl Rd
TIP #: 242
KDOT #: K-9667-10
Length (mi): 0.50
Location: K-10 W of Ousdahl Rd.
Project Type: Road
Work Type: Access Management
Date Added: 1/2016
Last Revised: 10/2016
Description:
Access Improvements
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	State	CONST	$0	$60	$0
2017	Local	CONST	$0	$0	$20

Federal Total: $0 **Non-Federal Total:** $80 **Grand Total:** $80

Project Sponsor: KDOT
Project Name: US-56 Improvements from Eisenhower St to 1st St
TIP #: 243
KDOT #: KA-4365-01
Length (mi): 0.30
Location: Eisenhower St to 1st St
Project Type: Road
Work Type: Other/Reconstruction
Date Added: 7/2016
Last Revised:
Description:
Improvements to US-56 - Realign Eisenhower and construct 3 lane US-56 in Baldwin City
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	State	CONST	$0	$1,675	$0

Federal Total: $0 **Non-Federal Total:** $1,675 **Grand Total:** $1,675

Project Sponsor: KDOT

Project Name: Install Permanent Signal at K-10 at US-59/CR 458

TIP #: 300

KDOT #: KA-3634-06

Length (mi): 0.00

Location: K-10 at US-59/CR 458

Project Type: Traffic Signal

Work Type: Signal

Date Added: 10/2016

Last Revised:

Description:
Installation of a permanent signal

Comments:
Project lets in March '17

FFY	Fund Source	Phase	Federal	State	Local
2016	State	PE	$0	$43	$0
2017	State	CE	$0	$43	$0
2017	State	CONST	$0	$850	$0

Federal Total: $0 **Non-Federal Total:** $936 **Grand Total:** $936

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: 8/2017

Description:
Operating

Comments:
2017 – 5311 Admin- $25, Local Admin $6;
2018 – 5311 Admin- $32, Local Admin $8

FFY	Fund Source	Phase	Federal	State	Local
2017	State	OP	$0	$11	$0
2017	Local	OP	$0	$0	$23
2017	5311	OP	$54	$0	$0
2018	State	OP	$0	$23	$0
2018	Local	OP	$0	$0	$34
2018	5311	OP	$57	$0	$0

Federal Total: $111 **Non-Federal Total:** $91 **Grand Total:** $202

Project Sponsor: Lawrence Transit **Project Name:** Operating Funds

TIP #: 402 **KDOT #:** 5307 FTA

Length (mi): 0.00 **Location:** Lawrence

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

Date Added: 10/2014 **Last Revised:** 10/2016

Description:
Operating and Preventative Maintenance activities

Comments:
Federal Transit 5307 Funds. Not included in fiscal contraint. Previous unspent balances. Linked with project #412.

FFY	Fund Source	Phase	Federal	State	Local
2012	Local	OP	$0	$0	$13
2012	5307	OP	$50	$0	$0
2014	Local	OP	$0	$0	$18
2014	5307	OP	$100	$0	$0
2015	Local	OP	$0	$0	$18
2015	5307	OP	$100	$0	$0
2016	Local	OP	$0	$0	$1,524
2016	5307	OP	$2,135	$0	$0

Federal Total: $2,385 **Non-Federal Total:** $1,573 **Grand Total:** $3,958

Project Sponsor: Lawrence Transit **Project Name:** Transit Capital Assistance

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

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

Project Type: Transit/Paratransit **Work Type:** Special Work

Date Added: 10/2014 **Last Revised:** 10/2016

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

Comments:
StateCTP

FFY	Fund Source	Phase	Federal	State	Local
2015	State	CAP	$0	$500	$0
2015	State	OP	$0	$558	$0
2016	State	CAP	$0	$500	$0
2016	State	OP	$0	$640	$0
2017	State	CAP	$0	$500	$0
2017	State	OP	$0	$665	$0
2018	State	CAP	$0	$500	$0
2018	State	OP	$0	$665	$0
2019	State	CAP	$0	$500	$0
2019	State	OP	$0	$665	$0

Federal Total: $0 **Non-Federal Total:** $5,693 **Grand Total:** $5,693

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Cottonwood Inc.
Project Name: Cwood: FTA 5310 Capital Funds

TIP #: 409
KDOT #:

Length (mi): 0.00
Location: Lawrence

Project Type: Transit/Paratransit
Work Type: Capital

Date Added: 8/2017
Last Revised:

Description:
Purchase a Ramp Mini-Van

Comments:
80/20 federal/local split

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CAP	$0	$0	$8
2018	5310	CAP	$31	$0	$0

Federal Total: $31 **Non-Federal Total:** $8 **Grand Total:** $39

Project Sponsor: Lawrence Transit
Project Name: Lawrence Multi-Modal Center

TIP #: 410
KDOT #:

Length (mi):
Location:

Project Type: Transit/Paratransit
Work Type:

Date Added: 7/2016
Last Revised:

Description:
Transit Facility

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	PE	$0	$0	$1,000
2018	Local	CONST	$0	$0	$1,000
2019	Local	CONST	$0	$0	$2,000

Federal Total: $0 **Non-Federal Total:** $4,000 **Grand Total:** $4,000

Project Sponsor: Independence Inc.
Project Name: Indep. Inc: FTA 5310 Capital Funds
TIP #: 411
KDOT #:
Length (mi):
Location:
Project Type: Transit/Paratransit
Work Type: Capital
Date Added: 7/2016
Last Revised:
Description:
Full size van
Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	CAP	$0	$0	$12
2017	5310	CAP	$47	$0	$0

Federal Total: $47 **Non-Federal Total:** $12 **Grand Total:** $59

Project Sponsor: Lawrence Transit
Project Name: Operating Funds
TIP #: 412
KDOT #: 5307 FTA
Length (mi):
Location: Lawrence
Project Type: Transit/Paratransit
Work Type: Operating
Date Added: 10/2014
Last Revised: 10/2016
Description:
Operating and Preventative Maintenance activities.
Comments:
Federal Transit 5307 Funds. 2016-2019 amounts based on 2016 levels projected. Linked with project #402.

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	OP	$0	$0	$1,524
2017	5307	OP	$2,135	$0	$0
2018	Local	OP	$0	$0	$1,524
2018	5307	OP	$2,135	$0	$0
2019	Local	OP	$0	$0	$1,524
2019	5307	OP	$2,135	$0	$0

Federal Total: $6,405 **Non-Federal Total:** $4,572 **Grand Total:** $10,977

Project Sponsor: Lawrence Presbyterian Manor
Project Name: LPM: FTA 5310 Capital Funds
TIP #: 413
KDOT #:
Length (mi): 0.00
Location: Lawrence
Project Type: Transit/Paratransit
Work Type: Capital
Date Added: 8/2017
Last Revised:
Description: Purchase a 14 Passenger Composite Small Transit Bus
Comments: 80/20 federal/local split

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CAP	$0	$0	$18
2018	5310	CAP	$47	$0	$0

Federal Total: $47 **Non-Federal Total:** $18 **Grand Total:** $65

Project Sponsor: Senior Resource Center for Douglas County, Inc.
Project Name: SRC DGCO: FTA 5310 Capital Funds
TIP #: 414
KDOT #:
Length (mi): 0.00
Location: Lawrence
Project Type: Transit/Paratransit
Work Type: Capital
Date Added: 8/2017
Last Revised:
Description: Purchase a Ramp Mini-Van ($38) and a Full Size Van ($60)
Comments: 80/20 federal/local split

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CAP	$0	$0	$20
2018	5310	CAP	$78	$0	$0

Federal Total: $78 **Non-Federal Total:** $20 **Grand Total:** $98

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: Lawrence

Project Name: Santa Fe Depot Restoration

TIP #: 500

KDOT #: 23TE-0373-01

Length (mi):

Location: 413 East 7th Street, Lawrence, KS

Project Type: Enhancement

Work Type: Special Work

Date Added: 10/2014

Last Revised: 12/2017

Description:
Revitalize the Santa Fe Depot site and building

Comments:
TA funding to pay 80% of eligible costs.

FFY	Fund Source	Phase	Federal	State	Local
2017	TA	CE	$88	$0	$0
2017	Local	CE	$0	$0	$22
2017	TA	CONST	$1,112	$0	$0
2017	Local	CONST	$0	$0	$278
2018	Local	PE	$0	$0	$1

Federal Total: $1,200 **Non-Federal Total:** $301 **Grand Total:** $1,501

Project Sponsor: Baldwin City

Project Name: Baldwin City Depot Railscape

TIP #: 501

KDOT #: TE-0424-01

Length (mi): 0.00

Location:

Project Type: Enhancement

Work Type: Other

Date Added: 10/2014

Last Revised: 12/2017

Description:
Extend the length of the brick boarding platform, cover the platform and install lighting, install native prairie landscaping and three additional ADA parking spaces to complete the Depot Railscape.

Comments:
2014 KDOT Transportation Alternatives Project

FFY	Fund Source	Phase	Federal	State	Local
2018	TA	CE	$27	$0	$0
2018	Local	CE	$0	$0	$14
2018	TA	CONST	$163	$0	$0
2018	Local	CONST	$0	$0	$80
2018	Local	PE	$0	$0	$1

Federal Total: $190 **Non-Federal Total:** $95 **Grand Total:** $285

Project Sponsor: Eudora

Project Name: Eudora South Trail Phase 2

TIP #: 503

KDOT #: TE-0437-01

Length (mi): 0.66

Location: South Eudora from Eudora High School to Eudora Middle School

Project Type: Enhancement

Work Type: Pedestrian & Bicycle Work

Date Added: 7/2016

Last Revised:

Description:
10' wide shared use path that will have ADA ramps and create a safe access for residents of all ages.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2016	Local	PE	$0	$0	$26
2017	TA	CE	$44	$0	$0
2017	Local	CE	$0	$0	$11
2017	TA	CONST	$218	$0	$0
2017	Local	CONST	$0	$0	$55

Federal Total: $262 **Non-Federal Total:** $92 **Grand Total:** $354

Project Sponsor: Lawrence

Project Name: Lawrence Safe Routes to School TA

TIP #: 504

KDOT #: U-2305-01

Length (mi): 0.43

Location: Various sidewalk in 3 locations, RRFB at aprox. 10 locations

Project Type: Enhancement

Work Type: Pedestrian & Bicycle Work

Date Added: 7/2016

Last Revised: 9/2017

Description:
The project will add sidewalks along designated safe routes for 2 schools (LMCMS/WES) on arterial roadways w/sidewalk on 1 side & residential roadways w/no sidewalk on either side. It will also add RRFBs at existing school crossings w/o a crossing guard

Comments:
The SRTS funding is an 80/20 (KDOT/City) cost share with KDOT contributing a max of $189,156.

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	CE	$0	$0	$24
2018	TA	CONST	$189	$0	$0
2018	Local	CONST	$0	$0	$69

Federal Total: $189 **Non-Federal Total:** $93 **Grand Total:** $282

Project Sponsor: Lawrence

Project Name: 19th & Iowa St Ped/Bike Underpass

TIP #: 505

KDOT #: TE-0459-01

Length (mi): 0.02

Location: 19th St & Iowa St (US-59) Intersection

Project Type: Enhancement

Work Type: Pedestrian & Bicycle Work

Date Added: 12/2017

Last Revised:

Description:
Pedestrian/bicycle underpass

Comments:
KDOT awarded Transportation Alternatives (TA) grant for FFY2019. Linked with project #203. Pending Advanced Construction.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	PE	$0	$0	$200
2019	Local	CE	$0	$0	$200
2019	TA	CONST	$1,597	$0	$0
2019	Local	CONST	$0	$0	$400

Federal Total: $1,597 **Non-Federal Total:** $800 **Grand Total:** $2,397

Project Sponsor: Lawrence

Project Name: Lawrence Safe Routes to School TA Phase 2

TIP #: 506

KDOT #: U-2334-01

Length (mi): 0.40

Location: City of Lawrence

Project Type: Safe Routes to School (SRTS)

Work Type: Pedestrian & Bicycle Work

Date Added: 12/2017

Last Revised:

Description:
New sidewalk construction along designated Safe Routes to School. Driveway and sidewalk ramp construction will be included for ADA compliance.

Comments:
This project will give a space for children to walk and/or bike to school along designated safe routes.

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CE	$0	$0	$20
2018	TA	CONST	$394	$0	$0
2018	Local	CONST	$0	$0	$99
2018	Local	PE	$0	$0	$20

Federal Total: $394 **Non-Federal Total:** $139 **Grand Total:** $533

Lawrence-Douglas County MPO
FFY 2017 - 2020 Transportation Improvement Program Projects (Costs in 1,000s)

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

Project Sponsor: KDOT

Project Name: Various Railroad Safety Projects in the Region

TIP #: 600

KDOT #:

Length (mi):

Location:

Project Type: Safety

Work Type:

Date Added: 10/2014

Last Revised: 10/2016

Description:
Safety improvements along railroads in region as identified by KDOT. These funds may be used to benefit the region by working to correct or improve identified safety hazards at public railway-highway crossing in a proactive manner.

Comments:
This is a master project that would include any safety projects selected in region. State funds (SF) Conversions: 2016 SF to 2017 HSIP, 2017 SF to 2018 HSIP, 2018 SF to 2019 HSIP, 2019 SF to 2020 HSIP.

FFY	Fund Source	Phase	Federal	State	Local
2017	State-AC	CONST	$0	$500	$0
2017	HSIP	CONVERSION	$500	$0	$0
2017	Credit	OTHER	$0	($500)	$0
2018	State-AC	CONST	$0	$500	$0
2018	HSIP	CONVERSION	$500	$0	$0
2018	Credit	OTHER	$0	($500)	$0
2019	State-AC	CONST	$0	$500	$0
2019	HSIP	CONVERSION	$500	$0	$0
2019	Credit	OTHER	$0	($500)	$0
2020	State-AC	CONST	$0	$500	$0
2020	HSIP	CONVERSION	$500	$0	$0
2020	Credit	OTHER	$0	($500)	$0

Federal Total: $2,000 **Non-Federal Total:** $0 **Grand Total:** $2,000

Project Sponsor: Douglas County

Project Name: Rte 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: 2/2017

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	$48
2017	Local	ROW	$0	$0	$75
2017	Local	UTIL	$0	$0	$75
2018	Local	CE	$0	$0	$45
2018	Local	CONST	$0	$0	$83
2018	HSIP	CONST	$745	$0	$0

Federal Total: $745 **Non-Federal Total:** $326 **Grand Total:** $1,071

Project Sponsor: Douglas County
Project Name: Local Road Safety Plan

TIP #: 602
KDOT #:

Length (mi):
Location: County road network

Project Type: Safety
Work Type: Safety

Date Added: 1/2016
Last Revised: 10/2016

Description:
Safety study of county road network (major collectors) to identify needed safety improvements.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local		$0	$0	$4
2017	HRRR		$36	$0	$0

Federal Total: $36 **Non-Federal Total:** $4 **Grand Total:** $40

Project Sponsor: Lawrence
Project Name: 23rd St Access Management - 2246 Ohio St Driveway

TIP #: 603
KDOT #: K-9667-11

Length (mi): 0.03
Location: 23rd Street & Ohio Street

Project Type: Safety
Work Type: Access Management

Date Added: 10/2016
Last Revised:

Description:
Removal of driveway access to 23rd Street east of Ohio Street.

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2017	Local	CE	$0	$0	$1
2017	State	CONST	$0	$6	$0
2017	Local	CONST	$0	$0	$2

Federal Total: $0 **Non-Federal Total:** $9 **Grand Total:** $9

Project Sponsor: Lawrence

Project Name: Massachusetts St, 11th to 14th St Reconfigure Lanes

TIP #: 604

KDOT #: U-0225-01

Length (mi): 0.50

Location: Massachusetts 11th Street to 14th Street

Project Type: Safety

Work Type: Mill/Overlay

Date Added: 8/2017

Last Revised:

Description:
Reconfigure lanes for center turn lane and bike amenities

Comments:

FFY	Fund Source	Phase	Federal	State	Local
2018	Local	CONST	$0	$0	$30
2018	Local	PE	$0	$0	$20
2019	HSIP	CONST	$100	$0	$0

Federal Total: $100 **Non-Federal Total:** $50 **Grand Total:** $150

Project Sponsor: KDOT

Project Name: Toll Feasibility Study for the SLT & K-10 Corridors

TIP #: 703

KDOT #: KA-2362-02

Length (mi): 38.00

Location: I-10(KTA)/K-10 Junction to I-435/K-10 Junction

Project Type: Other

Work Type: Special Work

Date Added: 1/2016

Last Revised: 10/2016

Description:
Study for the feasibility of tolling in the SLT & K-10 Corridors in Douglas and Johnson County. This study will include a determination of which tolling scenarios are most feasible at a sketch planning level for implementing corridor improvements.

Comments:
Study is currently on hold pending future direction from KDOT leadership. Project also included in MARC TIP.

FFY	Fund Source	Phase	Federal	State	Local
2016	State	PE	$0	$94	$0
2016	KTA	PE	$0	$0	$94

Federal Total: $0 **Non-Federal Total:** $188 **Grand Total:** $188

MTPO

Metropolitan Topeka Planning Organization
620 SE Madison Street, Unit 11
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December 1st, 2017

Cory Davis
KDOT Urban Planning Unit Manager
Kansas Department of Transportation
700 SW Harrison Street
Topeka, KS 66603

Dear Mr. Davis:

This letter is being sent to your office today to inform you that on November 30th, 2017 the Metropolitan Topeka Planning Organization (MTPO) approved the enclosed Amendment #5 to the **2017-2020 Transportation Improvement Program (TIP).**

This TIP amendment was reviewed by MTPO staff and by the MTPO Technical Advisory Committee (TAC). Following a public review period this updated TIP was recommended for approval by the MTPO-Policy Board at their November 30th, 2017 meeting. The approved TIP Amendment and resolution are enclosed with this letter.

I would appreciate it if you could review and approve this TIP amendment as soon as possible and forward a copy of it to the Federal Transit Administration and Federal Highway Administration for their approval and inclusion into the STIP. If you have any questions concerning this amendment please call me at (785) 368-3728. I appreciate your assistance with this matter.

Sincerely,

Bill Flander
MTPO Secretary

Enclosure: 2017-2020 TIP Amendment #5 and Resolution
cc: Karen Hiller, – MTPO Chairman

MTPO

Metropolitan Topeka Planning Organization
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RESOLUTION

WHEREAS, the Metropolitan Topeka Planning Organization (MTPO) is designated as the Metropolitan Planning Organization (MPO) to carry out the Continuing, Cooperative and Comprehensive planning program (3C process), including transportation planning; and,

WHEREAS, the Transportation Improvement Program (TIP) of the MPO identifies its project programming objectives, the functional and financial responsibilities of all participating entities, and projects designed to address regional mobility issues raised and discussed in the MPO's Long Range Transportation Plan; and,

WHEREAS, a Transportation Improvement Program for the Topeka Area is required to be adopted at least once every four years, and must be amended when necessary, in accordance with the Fixing America's Surface Transportation Act (FAST Act) and related laws and regulations as well as MTPO adopted policies.

NOW, THEREFORE BE IT RESOLVED, that in accordance with the provisions of 23 CFR Part 450.212(b), the Kansas Department of Transportation and the Metropolitan Topeka Planning Organization hereby agree that the public involvement activities carried out in response to the metropolitan planning requirements in 23 CFR 450.322(c) or 23 CFR 450.324(c) satisfy the public involvement requirements to add the projects in this Amendment #5 to the 2017-2020 TIP into the Statewide Transportation Improvement Program (STIP).

Amendment #5 to the MTPO 2017-2020. TIP is included in the attachments to this Resolution.

Karen Hiller, MTPO Chairperson

Bill Fiander, MTPO Secretary

METROPOLITAN
TOPEKA
PLANNING
ORGANIZATION

TIP AMENDMENT #5

a) **Project # TIP-3-18-05-6** (New to TIP) TA Grant to City of Topeka for Bikeways Phase III Implementation

b) **Project # TIP-3-18-04-6** (New to TIP) Transportation Alternative (TA) Grant to City of Topeka for Quincy Elementary School Safe Routes to School Phase II

c) **Project # KA-4730-01** (New to TIP) Roadway/Bridge Overlay on US 75 Hwy.

d) **Project # KA-4754-01** (New to TIP) Roadway/Bridge Overlay on US 75 Hwy.

e) **Project # KA-4729-01** (New to TIP) Roadway/Bridge Overlay on US 75 Hwy.

f) **Project # TIP-2-18-01-6** (New to TIP) TA Grant to Shawnee Co. for Deer Creek Trail Extension

g) **Project # TIP-7-18-01-6** (New to TIP) TA Grant to Topeka Metro for Bikeshare Infrastructure Expansion

h) **Project # TIP-7-18-02-6** (New to TIP) TA Grant to Topeka Metro for Bus Stop Integration

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5a**

TIP #: 3-18-05-6 **KDOT#:**

Project Type: TA (New to TIP)

Jurisdiction: Topeka

Project: Implementation of Phase III of the Bikeways Master Plan

Fiscal Year(s): 2018

Location: Various throughout City (Map Attached)

Total Project Cost: $1,586,409

PROJECT TYPES:
Transportation Alternative (TA)

PROJECT Description and Justification: Implementation of the Bikeways Master Plan. Includes on-street designations for bikes lanes, raised bike lanes, and side-paths.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	TOTAL COST ($)
PE	2018			$129,490	$129,873
Util.	2018			$50,000	$50,000
ROW	2018			$15,000	$15,000
CE	2018	$77,618		$19,404	$97,022
Const.	2018	$726,202		$407,781	$907,752
Other				$160,914	
TOTAL		$803,820		$782,589	$1,586,409

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5b**

TIP #: 3-18-04-6 KDOT#:

Project Type: TA (New to TIP)

Jurisdiction: Topeka

Project: Phase II Safe-Routes-To-School (SRTS) Project for Quincy Elementary

Fiscal Year(s): 2018

Location: Vicinity of Quincy Elementary School (Map Attached)

Total Project Cost: $408,000

PROJECT TYPES:
Transportation Alternative (TA)

PROJECT Description and Justification: Phase II of SRTS project, and implementation of the Topeka Pedestrian Master Plan.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	TOTAL COST ($)
PE	2018			$35,000	$35,000
Util.	2018			$20,000	$20,000
ROW	2018			$3,000	$3,000
Const.	2018	$280,000		$70,000	$350,000
TOTAL		**$280,000**		**$128,000**	**$408,000**

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5c**

TIP #: 1-18-03-1 KDOT#: KA-4730-01

Project Type: Roadway (New to TIP)

Jurisdiction: KDOT

Project: Resurfacing

Fiscal Year(s): 2018

Location: US-75 Beginning 0.70 mi. South of NW 62nd St. Thence North to Shawnee/Jackson County Line.

Total Project Cost: $1,951,155

PROJECT TYPES:
Roadway

PROJECT Description and Justification: Roadway surfacing. Program addition.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
PE	2018	0	$1,000	0	0	1,000
CE	2018		$92,865		$74,292	$92,865
Const.	2018		$1,857,290		$1,485,832	$1,857,290
TOTAL		0	$1,951,155	0	$1,560,124	$1,951,155

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5d**

TIP #: 1-18-04-1 KDOT#: KA-4754-01

Project Type: Roadway/Bridge (New to TIP)

Jurisdiction: KDOT

Project: Asphalt Overlay

Fiscal Year(s): 2018

Location: 089-279 & 280 (NB), US-75 over 46th St, Shawnee County

Total Project Cost: $242,400

PROJECT TYPES:
Roadway/Bridge

PROJECT Description and Justification: Bridge resurfacing. Program addition.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
PE	2018		$20,200			20,200
CE	2018		$20,200		$16,160	$20,200
Const.	2018		$202,000		$161,600	$202,000
TOTAL			$242,400		$177,760	$242,400

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5e**

TIP #: 1-18-05-1 KDOT#: KA-4729-01

Project Type: Roadway/Bridge (New to TIP)

Jurisdiction: KDOT

Project: Asphalt Overlay

Fiscal Year(s): 2018

Location: 089-279 & 280 (NB), US-75 over 46th St, Shawnee County

Total Project Cost: $748,021

PROJECT TYPES:
Roadway/Bridge

PROJECT Description and Justification: Bridge resurfacing. Program addition.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
PE	2018		$1,000			1,000
CE	2018		$35,572		$28,458	$35,572
Const.	2018		$711,449		$569,159	$711,449
TOTAL			$748,021		$597,617	$748,021

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5f**
TIP #: 2-18-01-6 KDOT#:

Project Type: Transportation Alternative (New to TIP)

Jurisdiction: Shawnee County

Project: Deer Creek Trail Extension

Fiscal Year(s): 2018

Location: Beginning at SE 10th continuing south to the parking lot of Dornwood Park at SE 25th St.

Total Project Cost: $2,433,648

PROJECT TYPES:
Transportation Alternative (TA)

PROJECT Description and Justification: 1.7 mi extension of the current Deer Creek Trail. Awarded TA Grant.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
Const.	2018	$1,748,288		$685,360		$2,433,648
TOTAL						$2,433,648

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5g**

TIP #: 7-18-01-6 **KDOT#:**

Project Type: Transportation Alternative (New to TIP)

Jurisdiction: Topeka Metro.

Project: Bikeshare Infrastructure Expansion

Fiscal Year(s): 2018

Location: Various throughout city

Total Project Cost: $94,710

PROJECT TYPES:
Transportation Alternative (TA)

PROJECT Description and Justification: Installation of bike feeder stations in areas currently underserved by Transit and bikeshare. Topeka. Awarded TA Grant.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
Const.	2018	$75,768		$18,942		$94,710
TOTAL						$94,710

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Transportation Improvement Program **TIP**

PROJECT DATA SHEET

New TIP Project **2017-2020 TIP Amendment #5h**

TIP #: 7-18-02-6 **KDOT#:**

Project Type: Transportation Alternative (New to TIP)

Jurisdiction: Topeka Metro.

Project: Topeka Bus Stop Integration

Fiscal Year(s): 2018

Location: Various throughout city

Total Project Cost: $767,930

PROJECT TYPES:
Transportation Alternative (TA)

PROJECT Description and Justification: Installation and upgrades of bus shelters, standing pads and bus stops at various locations throughout Topeka, making them ADA accessible. Awarded TA Grant.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal ($)	State ($)	Local ($)	AC-NHP (2019)	TOTAL COST ($)
Const.	2018	$614,344		$153,586		$767,930
TOTAL						$767,930

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Funding Summary Table 2017 through 2020

TIP Amendment #5 Approved

Metropolitan Topeka Planning Organization

MTPO Metropolitan Planning Area

Kansas Department of Transportation, Shawnee County, City of Topeka, and the Topeka Metropolitan Transit Authority

Anticipated Funding

Year	Federal Total for Road, Bridge, Safety, and Enhancement Projects	State Total for Road, Bridge, Safety, and Enhancement Projects	Local Total for Road, Bridge, Safety, and Enhancement Projects	Federal Total for Urban Transit Projects	State Total for Urban Transit Projects	Local Total for Urban Transit Projects	Total of Anticipated Funding	Anticipated Minus Programmed
2017	$36,800,336	$20,737,599	$12,268,900	$2,598,400	$1,736,074	$7,084,096	$81,225,405	$26,100
2018	$5,144,726	$2,130,566	$12,473,962	$4,223,336	$11,984,674	$6,818,978	$42,776,242	$0
2019	$820,000	$750,000	$7,480,000	$2,270,491	$730,000	$6,450,000	$18,500,491	$3,481,558
2020	$23,600,000	$2,500,000	$10,890,000	$2,270,491	$730,000	$6,450,000	$46,440,491	$3,302,092
Totals	**$66,365,062**	**$26,118,165**	**$43,112,862**	**$11,362,718**	**$15,180,748**	**$26,803,074**	**$188,942,629**	**$26,100**

Funding Programmed in the TIP

Year	Federal Total for Road, Bridge, Safety, and Enhancement Projects	State Total for Road, Bridge, Safety, and Enhancement Projects	Local Total for Road, Bridge, Safety, and Enhancement Projects	Federal Total for Urban Transit Projects	State Total for Urban Transit Projects	Local Total for Urban Transit Projects	Total of Programmed Funding
2017	$36,800,336	$20,737,599	$12,268,900	$2,572,300	$1,736,074	$7,084,096	$81,199,305
2018	$5,144,726	$2,130,566	$12,473,962	$4,223,336	$11,984,674	$6,818,978	$42,776,242
2019	$0	$750,000	$5,220,000	$2,318,933	$730,000	$6,000,000	$15,018,933
2020	$23,600,000	$2,500,000	$7,890,000	$2,368,399	$730,000	$6,050,000	$43,138,399
Totals	**$65,545,062**	**$26,118,165**	**$37,852,862**	**$11,482,968**	**$15,180,748**	**$25,953,074**	**$182,132,879**

Notes for Funding Programmed in the TIP

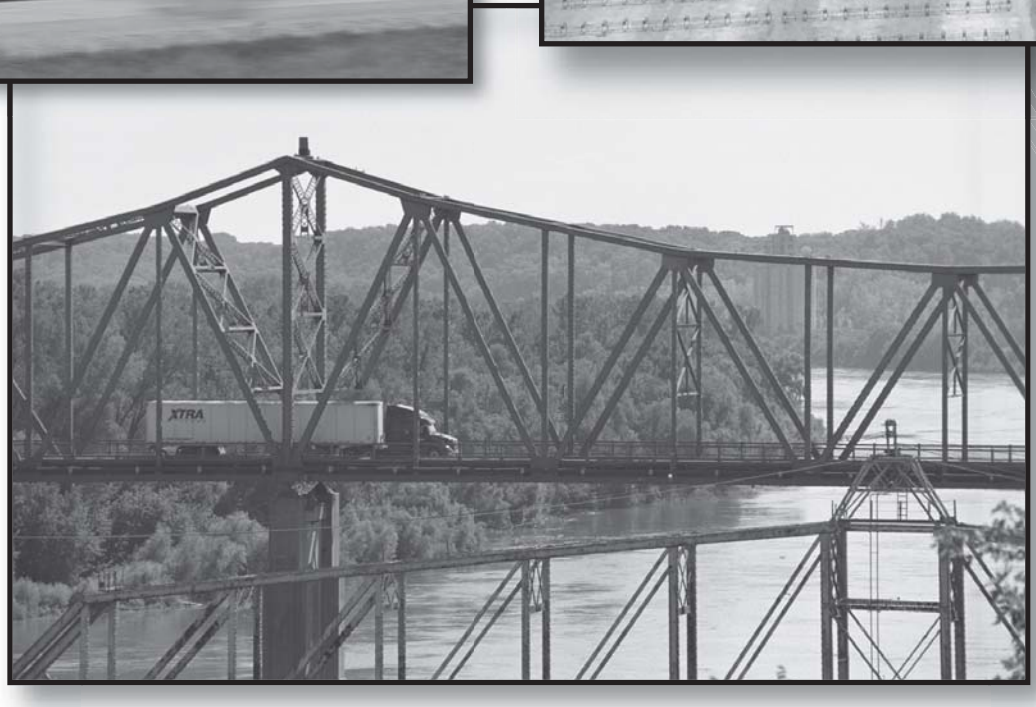
This table includes all of the forms of anticipated funding listed herein including local funds in excess of what is needed to match federal and state funding sources.

Each proposed project for the TIP is placed into the TIP tables only after the project sponsor meets with the MTPO staff and identifies its funding sources.

Administrative Modification #1 (as of 11/14/2017) to the Kansas FFY 2018-2021 STIP

The attached administrative modification to the Kansas FFY 2018-2021 Statewide Improvement Program (STIP) updates the Program Financing and Metropolitan Transportation Improvement Programs narrative sections of the STIP. The Program Financing section was updated as the result of changes made to the KDOT Cash-Flow worksheet. The Division of Budget for the State of Kansas made changes to the expenditure sections and categories of the KDOT Cash-Flow Worksheet. The change necessitated an update to the narrative section concerning State Expenditures in the Program Financing section along with the insertion of a revised Cash-Flow document reflecting the changes. The Metropolitan Transportation Improvement Programs section was updated for the approvals of TIPS in the following MPOs: MARC (Kansas City area), MTPO (Topeka-Shawnee County), FHMPO (Flint Hills area which includes-parts of Riley, Geary and Pottawatomie counties) and SJATSO (St. Joseph, MO area including Elwood and Wathena KS). Also, general information updates were made for changes in location, address, contact and linked information.

Program Financing



PROGRAM FINANCING

FUNDING

The funding of highway improvements is based upon criteria established by state and federal law for the use of those funds. Highway projects may be financed entirely by state funds, by a combination of federal and matching state funds, by a combination of federal or state funds and matching local funds; or by a combination of all three- federal, state and local funds. Estimates for project cost in the FFY 2018-2021 STIP reflect an inflation rate of approximately 4.5 percent per year. KDOT's historical cost trends and future cost expectations were used to develop these rates. Cost trend information is based upon reasonable financial principles developed cooperatively by KDOT, the MPO's and experts from the public and private sector.

A key federal requirement of the STIP is the demonstration of fiscal constraint. Fiscal constraint of only federal funds is demonstrated in the Federal Funds section of this narrative in the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table. This table provides a breakout by apportionment grouping of the federal apportionments and obligations anticipated in the next four federal fiscal years. The federal apportionments by year represent the federal funds the state of Kansas reasonably expects to be available in the next four fiscal years. While the obligations demonstrate the projects currently programmed and anticipated to obligate in the next four fiscal years- including projects anticipated to obligate in the MPO areas. To stay within limitation on obligations imposed by Congress, KDOT strives to maintain obligations of not more than approximately 93% of apportionment.

In addition to the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table, at the end of this discussion is a Cash-Flow Worksheet, which provides a broader picture of KDOT funding, by itemizing all anticipated resources- state, federal and local and all anticipated expenditures in the upcoming four years. Provided funding and expenditures continue at estimated levels, the Cash-Flow Worksheet provided demonstrates that KDOT is funded through 2021.

To further illustrate financial constraint all projects programmed to date and administered by KDOT that are anticipated to have one or more work phase obligate regardless of funding source (meaning not just federally funded projects) in the years of the STIP are listed in the project appendixes A & B. In Appendix A, the first

project index, the interim projects from the preceding year that are anticipated to obligate during the preparation and approval period of the new STIP are reported. Appendix B, the second project index, reports all KDOT administered projects programmed at the time the STIP was developed and that are anticipated to have a work phase obligate during the four federal fiscal years of the STIP. Both appendixes provide the estimated total project cost for each project listed (included in this total project cost if funded, are the estimates for work phases that extend outside the STIP years). Appendix C provides a summary by year of the information provided in Appendixes A & B. The fourth appendix, Appendix D, lists projects using Advanced Construction and provides the year(s) and amount (s) of anticipated conversion for each project listed. The information provided in these indexes along with the information in the finance section illustrates the fiscal constraint the State of Kansas has in place.

The KDOT Cash-Flow Worksheet is based upon the state fiscal year (SFY) which is from July 1 through June 30 while the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table is based upon the federal fiscal year, which is from October 1 through September 30. The reason for the different periods is that federal funds are distributed on the FFY while state funds are distributed on the SFY. It is important to recognize this difference when comparing the information in the tables and worksheet provided in this section. The federal funding estimated in the KDOT Cash-Flow Worksheet is the funding estimated for the state fiscal years. This period is not the same period used in the anticipated apportionments and obligations presented in the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table.

STATE FUNDS

Designated funding sources for T-WORKS include motor fuels tax, sales and compensating tax, vehicle registration fees, bond proceeds, driver's license fees, special vehicle permit fees and a number of miscellaneous fees such as mineral royalties, publications and sale of usable condemned equipment. All of these revenues are itemized in the **Resources section** of the Cash-Flow Worksheet located at the end of the Fiscal Constraint section of this narrative. These revenue sources are, also, listed in the "Estimated State Generated Revenues by Source" table on the following page. However, in the "Estimated State Generated Revenues by Source" table rather than itemizing each source as in the Cash-Flow Worksheet several of the sources have been grouped together. Specifically, Miscellaneous fees (Revenues), Transfers, Motor Carrier Property Tax and Interest (on funds) are grouped together and

Driver's License Fees and Special Vehicle Permits are combined. Below is the "Estimated State Generated Revenues by Source" which estimates anticipated revenue by source per year for the next four years and provides a sum of the 4-year total revenue anticipated from each source.

As the "Estimated State Generated Revenues by Source" table illustrates, motor fuels tax receipts and sales tax receipts provide most of the revenue with an estimated 35 % and 40 %, respectively of the four-year total SFY 2018 - 2021 state-generated funding. Vehicle registration fees and bond proceeds represent approximately 15 % and 8 % respectively. The bond percentage has changed from 0% as reported in last year's FFY 2017-2020 STIP to 8% in this document with the recent approval of $400 million in new bonding passed by the 2017 State legislature. KDOT has been directed to use the proceeds of this bonding for projects in SFY's 2018 and 2019. All remaining sources combined- Driver's License Fees, Special Vehicle Permits and Interest-compose 2% of the four-year total. The estimates for KDOT revenues come from three main sources- the Consensus Estimating Group (CEG), the Highway Revenue Estimating Group (HREG) and agency staff in the Office of Finance and Budget (OFAB). The CEG includes staff from the State Division of the Budget, the Department of Revenue, Legislative Research, as well as several consulting economists. Each member of the CEG prepares independent estimates of receipts to the State General Fund and then the CEG meets as a group to arrive at a consensus. Although the primary emphasis of the

Estimated State Generated Revenues by Source ($ Millions)

Some totals may not sum due to rounding of dollars.

Source	State Fiscal Years				Source 4-year Total
	2018	2019	2020	2021	
Motor Fuels Tax	449	453	454	454	1,810
Vehicle Registration Fees	205	205	205	205	818
Sales & Compensating Tax	515	519	528	538	2,100
Bond Proceeds (Net)	200	200	0	0	400
Driver's License Fees & Special Vehicle Permits	10	10	10	10	40
Miscellaneous Revenues, Transfers & Interest	17	14	12	11	54
Total Estimated State Revenues by Fiscal Year	$1,396	$1,401	$1,208	$1,218	$5,223

CEG group is on the State General Fund receipts, the group also prepares estimates for the growth rate of personal income, inflation, interest rates, and fuel prices and production. These factors all affect state revenues and ultimately the revenues KDOT receives from taxes and fees. The CEG provides estimated revenue growth from **sales and compensating use taxes** for two years.

The HREG group is composed of representatives from the State Department of Revenue, Legislative Research, Division of the Budget and KDOT. Typically, this group meets shortly after the CEG meets. The primary function of the HREG is to prepare forecasts for the amounts of **motor vehicle registration fees and motor fuels tax** that will be collected. Since these revenues do not flow into the State General Fund, the CEG does not prepare these estimates. In addition, since the CEG only estimates a growth rate of revenues for two years, the HREG agrees on a long- term growth rate of revenues for the latter years.

KDOT's OFAB estimates the remaining KDOT revenues in the Cash-Flow Worksheet Resources group. **Miscellaneous revenues, Drivers Licenses Fees and Special Vehicle Permits** are estimated based upon historical data and the previous year's actual revenues. **Transfers** are determined by review of applicable statute and **Interest on Funds** is determined by staff projected interest rates. **Transfers (Out)** are resources that are transferred to other state agencies for transportation-related functions performed by these agencies but financed by the State Highway Fund. KDOT transfers funds to agencies to finance salary and operating costs of these functions. The Department of Revenue, for example, receives state highway funds for activities related to the collection and enforcement of vehicle registrations, titles, driver licensing and motor fuel tax. Estimates for 'transfers out' are from the budget and are modified after each legislative session to reflect appropriations set by the legislature.

The second revenue section of the Cash-Flow Worksheet is the **Federal and Local Construction Reimbursement** section. While this group is not "revenue" in the traditional sense, the section estimates the receipt of the federal share and local share of project costs. The federal-aid program is a reimbursement program, which means funding received from FHWA is reimbursement for monies already spent. In the case of the local share, these are monies received from locals in advance of a project using local funds being let. The local share is the LPA estimated portion of projects programmed. After construction is completed for projects with LPA participation, a final accounting of cost is done. This final accounting is to determine if the local share received prior to construction was less than or greater than the actual local share of actual project costs. Any overage is returned to the

LPA and reimbursements for shortages are requested from the LPA.

FEDERAL FUNDS

With a new long-term federal program in place, Fixing America's Surface Transportation Highway act (FAST Act) passed on December 4, 2015 available federal funding is established for the years of this STIP. In general, the FAST Act provides for a modest increase in funding with levels slightly higher than inflation and with proportionate funding increases for both highway and transit programs. The FFY 2018-2021 STIP for Kansas funding information reflects the funding outlined in the FAST Act. Using these funding levels in the STIP assures that programming is based upon reasonably expected sources and ensures that the State of Kansas does not over program.

The FAST Act builds upon the program structure established in MAP-21 while making some revisions. The changes enacted by the FAST Act are reflected in this STIP. The "core" program established in MAP-21 continues in the FAST Act with some modifications and with the addition of a new program. This brings the total number of core programs to six. Additionally, the smaller programs and allocations from MAP-21 are continued and two new discretionary programs were created.

The National Highway Performance program (NHPP), which is part of the apportioned core programming continues without change. This program is designed to provide support for the condition and performance of the National Highway System (NHS), for the construction of new facilities on the NHS and to ensure that funds used in highway construction support the newly established performance targets established in each state's asset management plan for the NHS.

The second core program, the Surface Transportation Program (STP) has been converted under the FAST Act into the Surface Transportation Block Grant Program (STBG). The most significant change to the STBG program is the addition as a set-aside, of the Transportation Alternatives (TA) program, which was originally created under MAP-21 and designated as a core program. The STBG program has the greatest flexibility in eligibility among all Federal fund programs and is intended to provide funding to address transportation needs at the State and local levels. To achieve this goal, the STBG program sub-allocates funds by population to areas with populations greater than 200,000, to areas with populations greater than 5,000 but not more than 200,000 and to areas with populations of 5,000 or less. The percentage of funding to be sub-allocated by population grows over the period of the FAST Act by 1% each year beginning at 53% of state apportionment of STBG in FFY 2018 to 55% in FFY 2020. Until a new act is passed, in the

years after FFY 2020 the STBG allocation remains estimated at the FFY 2020 level of 55%. The portion of STBG funds remaining after all set-asides and sub-allocations are applied may be used in any area of the State.

With the authorization of the FAST Act, the Transportation Alternatives Program (TAP) created under MAP-21 was eliminated. Instead the projects and activities that were previously eligible under TAP are now funded by the Transportation Alternatives (TA) set aside of the STBG program. The TA set aside provides funds that encompass a variety of smaller-scale transportation projects such as pedestrian and bicycle facilities, recreational trails, safe routes to school projects, community improvements such as historic preservation and vegetation management, and environmental mitigation related to storm water and habitat connectivity. Recreational Trails (RT) funding remains a set-aside of the TA funds and the portion of funding for RT is transferred to the Kansas Department of Wildlife, Parks and Tourism (KDWP&T) for their administration as directed by the Governor. Since these funds are transferred from KDOT and are never obligated by KDOT, they are not included in the KDOT funding tables of apportionment and obligation that follow this discussion. For more information about the RT program including funding and projects, see the RT narrative section later in this document.

Congestion Mitigation and Air Quality program (CMAQ) remains a core program under the FAST Act and is designed to provide funding for projects or programs that alleviate congestion to improve air quality in areas of nonattainment or in areas of former nonattainment. Some limited expansion in activity eligibility was made under the FAST Act but essentially the program remains unchanged from MAP-21.

The fourth core program under the FAST Act, the Highway Safety Improvement program (HSIP) is intended to achieve a significant reduction in traffic fatality and serious injury accidents nationally on all public roads including Federal, State and non-State-owned public roads and roads on tribal lands. The approach to achieving the goals of this program and the newly created performance measures are data driven and strategic in nature. To be eligible under HSIP, projects must be for safety activities and must be consistent with each State's strategic highway safety plan.

A set-aside of the HSIP, the Railway-Highway Crossings program, continues to be funded under the FAST Act. The Railway Highway Crossing program provides funding for safety related improvements to reduce fatal and serious injury accidents at public railway-highway grade crossings. Funds set-aside for this program are not eligible for transfer to other apportioned programs.

The FAST Act establishes a new core program, the National Highway Freight Program (NHFP), to promote the efficient transport of freight on the National Freight Network (NHFN) by investing in infrastructure and operational improvements that will strengthen economic competitiveness, reduce congestion, reduce freight transport costs, improve reliability and increase overall productivity. Other areas of emphasis of the program include the improvement of safety and security of freight transport across the nation in both rural and urban areas, the improvement of State flexibility in supporting corridor planning and highway freight connectivity and the reduction of environmental impacts created by freight transport on the NHFN. To be eligible for funding from this program a State must have a State freight plan and a freight investment plan in place by December of FFY 2018. Currently, the State of Kansas is in the final editing stage with an anticipated submittal of these documents to FHWA in September.

Metropolitan Planning (MP) is the sixth and last core program of the FAST Act and continues from prior acts. The focus of this program is the establishment of a cooperative comprehensive framework for decision making concerning transportation issues and investments in metropolitan areas of the state. The MP program funds are transferred to the FTA and are managed jointly by FTA, FHWA, the Kansas MPOs and KDOT. Since these funds are transferred from KDOT and never obligated by KDOT, they are not included in the funding tables of apportionment and obligation that follow this discussion.

Two new discretionary grant programs were established by the FAST Act, the Surface Transportation System Funding Alternatives program and the Fostering Advancements in Shipping and Transportation for the Long-Term Achievement of National Efficiencies (FASTLANE) program. Both of these programs require the submittal of an application from all interested eligible candidates with selection and award of funding made by FHWA. Since the funding for these programs is made by award, their dollars are not part of the apportioned funding table and obligations for these programs would only be added to the obligation table if/when an application submitted by Kansas were to be selected. Additionally, the non-core program Ferry Boats created under MAP-21 is continued under the FAST Act but Kansas does not receive this funding.

Discretionary programs were greatly reduced under MAP-21 and, in general, this trend continues with the FAST Act. For the discretionary programs that remain under the FAST Act, funds are allocated on a yearly basis without guarantees that the level of funding or frequency of funding will be in place from one year to the next. Generally, KDOT receives some allocated funding from the On-the-Job

Training Support Services program and Disadvantaged Business Enterprise (DBE) Support Services program but the amounts received have varied greatly from one year to the next.

The funding tables showing the apportionment and obligations that KDOT anticipates in the years of the STIP are by the apportioned funding categories just described and may be found following this discussion on page 43. The HSIP and STBG set aside programs of Railway Grade Crossings (Railway) and Transportation Alternatives (TA) have been grouped independently from their associated core programs. The funding table is grouped in this way to match how funding is distributed to the States by FHWA and reflects how information concerning these funds must be reported to FHWA.

As with past transportation acts, some provisions in the FAST Act are comprehensive applying to all projects that use federal funding, while other provisions are program specific. For a project to be eligible to use a specific program's funding, the project must meet the conditions identified within the program in addition to meeting the broader requirements laid out in the act itself. The contents of this STIP reflect the requirements of the FAST Act.

In addition to apportioning funds to the states, Congress annually sets an upper limit, termed an obligation ceiling on the total amount of obligations that each state may incur. This limit is used as a means of controlling budget outlays to improve the federal-aid highway programs' responsiveness to the nation's current economic and budgetary conditions. The obligation limitation is typically less than the amount of federal-aid apportioned to the states and is determined and approved by Congress on an annual basis. Since this "ceiling" is unknown when the STIP is prepared, KDOT tries to limit total estimated obligations for the four years of the STIP at approximately 93% of the total expected four-year contract authority. This percentage approximates the average obligation ceiling that Kansas has historically received.

The apportionment section of the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table provides the total apportionments anticipated to be received in each of the four years of the STIP and the anticipated FFY 2017 Carry-Over Apportionment by program. The FFY 2018 – 2021 apportionments reflect levels specified in the FAST Act with 2021 estimated at the levels of the last year covered by FAST- FFY 2020. Furthermore, the table displays how the funding is anticipated to be distributed by year in the core funding programs previously discussed. The funds estimated in the program groups are those that are at KDOT's discretion to use apart from SBTG and CMAQ. A portion of each of these program funds is shared. The SBTG funding as specified in the program guidelines must be divided into

three portions, one for local entities, one for MPOs and the remaining portion is at KDOT's discretion to use. As specified in the CMAQ funding guidelines portions are reserved for the two larger MPO areas, the Kansas City area and the Wichita area, and for State planning and research activities with the remaining to be used at KDOT's discretion. As discussed in the program descriptions, neither, the MP program nor the RT program funding is shown in the tables since the funding is transferred to the FTA and the KDWP&T, respectively.

Currently, within the apportionments section the 'Other' grouping is reserved for the discretionary programs (if applicable) and the redistribution of miscellaneous funds- currently there are no apportionments in this grouping.

The estimates presented within the apportionment and obligation table capture all projects within the boundaries of the state including estimates for projects located within MPO areas. However, the actual projects that comprise the estimates that fall within MPO areas are not listed in the project appendixes of this document. Rather, MPO project information is provided in the STIP by reference only. Specific projects in MPO areas may be viewed in each MPO's Transportation Improvement Program (TIP), a document similar to the STIP that covers an MPO area. (For more information concerning MPOs and their TIPs, please refer to the Metropolitan Transportation Improvement Program section of this document.)

Below the apportionment section of the table is the estimated obligation section that provides the total estimated obligations for FFY 2018-2021. In addition to the total obligations anticipated in each of the four years, the table displays how the obligations are anticipated to be obligated within the core funding programs and the 'Other' grouping.

In the obligation section, the 'Other' grouping is reserved for ear mark funding-if applicable and allocated funding. Specifically, in FFY 2018 and 2019 the 'Other' Grouping is composed of allocated DBE, OJT and DEMO funds anticipated to be awarded. Since OJT and DBE funds are allocated, the funding is distributed on a yearly basis, is not guaranteed each year and past amounts received have varied greatly from one year to the next. For these reasons, Kansas does not estimate receiving the funds in the apportionment tables and does not develop projects and corresponding obligation for these funds in any year but the current year to be awarded plus one year. In this way, KDOT ensures that excessive over programming without funding does not occur.

For each year in the table, the estimated obligations for each grouping is composed of the expected advance construction conversion projects including projects within MPO areas- if any, and

the obligation of non-advance construction committed projects including projects within MPO areas. From the table on the previous page, the total estimated obligations for FFY 2018-2021 are $491 million and of this obligation total advance construction conversions anticipated for FFY 2018-2021 are $404 million (as determined from Appendix D-the Advance Construction Project Index). Additionally, in the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table the "Advance Construction Conversions after 2021" column provides estimates for advance construction already in place for years that exceed the STIP range. For the years after 2021, the advance construction conversions are provided as lump sums by federal fund category and currently are estimated at a total of $116 million.

An exception to MPO projects not being listed in the STIP is projects using Advanced Construction. Since MPO projects comprise a significant portion of the projects funded in the state and these projects are the usually constructed using the advance construction mechanism, adequately illustrating fiscal constraint would not be possible without their inclusion. Thus, MPO project information is included in Appendix D-Advanced Construction and in the estimated obligations for advanced construction in the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table. This inclusion facilitates the demonstration of fiscal constraint in federal funding. The advance Construction in years after FFY 2021 is included to clarify that the State does have conversions planned outside the years of this STIP document and that total planned advance construction is within the policy for advance construction outlined under 23 U.S.C. 115 and 630 and to further aid in demonstrating fiscal constraint.

The total estimated obligations for the four FFY's covered by this STIP are less than or equal to the federal appropriations expected in the four-year period (including FFY 2017 Carry Over). When comparing estimated apportionments for an individual grouping with the estimated obligations for that grouping, there may be instances where obligations are greater than the apportionments estimated to be available. There may be several reasons for the apparent disparity. However, the most common reason is Carry-Over apportionment. Frequently, the federal obligation ceiling is set lower than the apportionment for a given year. The difference between the two is "carried-over" to the next fiscal year as part of the estimated obligation. The anticipated carry- over apportionment from FFY 2017 has been added to the apportionment table and there is anticipated apportionment carry-over from FFY 2017 for all apportionment groupings. Finally, it must be noted that the inclusion of the anticipated advance construction conversions and MPO information in the "Federal Fiscal

Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations

Estimated Apportionments for FFY 2018-2021 STIP as of 07/12/2017

All dollar amounts in $1,000's - Dollar amounts may be rounded

Apportionment Grouping	Anticipated Carryover from FFY 2017	FFY 2018	FFY 2019	FFY 2020	FFY 2021	FFY 2018-2021 Total
NHPP	$223,407	$229,086	$233,786	$238,649	$238,649	$940,170
STBG*	$138,762	$103,703	$105,752	$108,303	$108,303	$426,061
HSIP	$32,962	$18,900	$19,228	$19,616	$19,616	$77,360
Railway	$9,190	$6,367	$6,502	$6,638	$6,638	$26,145
CMAQ	$19,302	$9,677	$9,854	$10,054	$10,054	$39,639
TA	$25,650	$9,439	$9,439	$9,439	$9,439	$37,757
Freight**	$15,691	$11,289	$12,700	$14,112	$14,112	$52,213
Other	$16,326	$0	$0	$0	$0	$0
Total	**$481,290**	**$388,461**	**$397,262**	**$406,811**	**$406,811**	**$1,599,345**

Notes:

* STBG is the former STP grouping- this apportionment grouping was renamed under the FAST Act and the Transportation Alternative (TA) program was merged into the group as a set- aside. However, a separate row for TA remains in both the apportionment and obligation tables as the federal funds are distributed in this manner to the States.

** This is a new fund grouping authorized under the FAST Act.

Estimated Obligations for FFY 2018-2021 STIP as of 07/12/2017

All dollar amounts in $1,000's - Dollar amounts may be rounded

Obligation Grouping	Advance Construction Conversion after FFY 2021	FFY 2017 Remaining to Obligate	FFY 2018	FFY 2019	FFY 2020	FFY 2021	FFY 2018-2021 Total
NHPP	$93,983	$162,768	$150,120	$123,111	$0	$0	$273,231
STBG*	$21,313	$62,279	$105,415	$50,539	$6,219	$0	$162,173
HSIP	$0	$23,636	$20,537	$10,060	$3,925	$200	$34,722
Railway	$0	$878	$361	$0	$0	$0	$361
CMAQ	$0	$1,928	$4,731	$2,351	$2,569	$0	$9,651
TA	$0	$10,191	$4,977	$726	$1,069	$0	$6,772
Freight**	$985	$15,691	$2,079	$0	$0	$0	$2,079
Other	$46	$688	$1,228	$1,107	$0	$0	$2,335
Total	**$116,327**	**$278,059**	**$289,448**	**$187,894**	**$13,782**	**$200**	**$491,324**

Notes:

* STBG is the former STP grouping- this apportionment grouping was renamed under the FAST Act and the Transportation Alternative (TA) program was merged into the group as a set- aside. However, a separate row for TA remains in both the apportionment and obligation tables as the federal funds are distributed in this manner to the States.

In some years, the estimated obligation grouping may include funds apportioned in prior years resulting in the anticipated obligations being greater than the corresponding apportionments for that grouping.

The Other grouping estimates the obligations for allocated funds and other specials funds that are not apportioned like emergency funding. For this reason, there is not a corresponding apportionment in the Other grouping in the apportionments portion of this table.

Estimated obligations may include advance construction projects that are anticipated to be converted in the year.

Years 2018-2021 Estimated Apportionments & Obligations" table precludes the total expected obligations in the table and the total expected obligations from Appendix C-Summary of State Transportation Improvement Program Project Indexes from matching. The table and the appendix do not share the same source data. Appendix C summarizes, Appendixes A & B which does not include the MPO projects (MPO project information is available in the individual MPO TIPs) or the advance construction conversion information (AC information is listed separately in Appendix D). In general, the information presented within the "Federal Fiscal Years 2018-2021 Estimated Apportionments & Obligations" table is broader and more encompassing than the information summarized in Appendix C.

LOCAL FUNDS

Local government sources of transportation funds include state motor fuels tax revenue received through the Special City and County Highway Fund, federal-aid funds received through KDOT, state funds through partnership with KDOT on certain projects or through the local federal fund exchange program, property taxes, local option sales taxes, and bond issues. Of these transportation revenue sources, property taxes are the largest with the majority of this revenue being spent on maintenance rather than new construction.

The funds are distributed to cities and counties with respect to all applicable federal laws, state statutes, and/or KDOT policies and these funds comprise the "obligation authority" or "allocation" that is distributed to each Local Public Authority (LPA). County funding is allocated in accordance with K.S.A. 68-402(b) and funding to cities is allocated based upon the proportion each cities population is to the total population of all eligible cities. Only cities with a population between 5,000 and less than 200,000, not within an urbanized area are eligible for funding. Cities with a population of 200,000 or greater fall within the urbanized classification and funding for these cities is outlined in the requirements in place for Metropolitan Planning Organizations (MPOs).

Additionally, local governments may obtain funding through the City Connecting Link Program (CCLIP) a partnership program between LPAs and KDOT. In this program, the state participates in a portion of the project cost. CCLIP includes the KLINK Surface Preservation (K1R), the newly created KLINK Pavement Restoration (K2R) and the KLINK Geometric Improvement (K3R) subcategories. For more information about this program's requirements, refer to the "Project Selection Criteria" section of this document or visit KDOT's BLP webpage at http://www.ksdot.org/bureaus/bur-localproj/default.asp

Another option for funding is the City Connecting Link Payments program. In this option, cities through an agreement with KDOT take responsibility for maintaining the city connecting link and in return receive payments from KDOT to assist in the cost of the maintenance.

The Federal Fund Exchange (FFE) program was implemented under T-WORKS and is a voluntary program. By electing to participate in the FFE program, a Local Public Authority (LPA) may trade all or a portion of their federal fund allocation in a specific federal fiscal year with KDOT, in exchange for state transportation dollars or with another LPA in exchange for their local funds.

Under this program, the LPA may utilize the funds in a project following its own procedures, criteria, and standards. All work performed shall be consistent with the Kansas Statues, applicable regulations, and normal engineering practices. Any work performed on the state highway or city connecting link will require coordination with the local KDOT Area Office.

Only LPAs eligible to receive a federal fund allocation may participate in the federal fund exchange program. Eligible LPAs include all counties in the state and cities with populations greater than 5,000 that are not located in a Transportation Management Area (TMA). Currently the only TMAs in Kansas are the Mid-America Regional Council (MARC – Kansas City Region) and the Wichita Metropolitan Planning Organization (WAMPO).

This optional program provides LPAs more flexibility when planning their programs and when deciding how to fund them. Eligible LPAs may elect to exchange their federal funds or they may use the funds to develop a federal-aid project following the established procedures. If exchanged, the exchange rate for the program is $0.90 of state funds for every $1.00 of local federal obligation authority exchanged. For more information about this program, visit KDOT's Bureau of Local Projects website at the following link: http://www.ksdot.org/burlocalproj/default.asp

STATE EXPENDITURES

Sources used to forecast expenditures are more varied than those used for revenues. Primary sources for expenditure forecasting are the agency's budget and two computer information systems- the Comprehensive Program Management System (WinCPMS) and the Contract Management System (CMS). These two computer systems are used to maintain program information and specific project and contract information. Data generated from these two computer programs are used to create the FFY 2018-2021 Estimated Apportionments and Obligations table, Interim Project Index- Appendix A, FFY 2018-2021 Project Index- Appen-

dix B, Project Index Summaries- Appendix C and the Advance Construction Index- Appendix D, and aids in the generation of the expenditure information in the KDOT Cash-Flow Worksheet.

Expenditures in the KDOT Cash-Flow Worksheet may be divided into fixed costs and variable costs. Fixed costs represent the expense of KDOT's daily operation and costs such as debt service and transfers to other agencies. Variable costs are expenses that change in proportion to the magnitude of the work being done. For KDOT, variable costs are those associated with the preservation, modernization and expansion of the highway infrastructure and those associated with modal support. Specifically, in the Cash-Flow Worksheet, the fixed costs are the following categories: from the Maintenance section - Regular Maintenance (state roads) and City Connecting Links (local roads); from the Construction section - Buildings; from the Local Support section - Agency Operations; from the Transportation Planning and Modal Support section - Agency Operations and Other Planning, Administration, and Debt Service. All remaining categories in the Cash-Flow Worksheet are variable costs.

Regular Maintenance, a fixed cost, is the first category under the Maintenance expenditure section of the Cash-Flow Worksheet. Regular Maintenance is defined as expenditures on equipment, staff salaries, and materials used in snow/ice removal, mowing and minor roadway repair necessary to preserve the State Highway System. This Cash-Flow Worksheet expenditure is a summation of four budgeted groups: salary, contractual activities, commodities and capital outlay. The *salary* portion is the budgeted amount for positions in SFY 2018 & 2019 that are necessary to maintain the system. (Included are the salaries for the district, area and subarea maintenance personnel as well as some headquarter positions that provide policy and planning support.). *Contractual activities* are the portion budgeted for equipment repair that exceeds the capabilities of the KDOT shops or repairs that are more cost effective to be contracted. The *commodities* portion represents the materials necessary to accomplish the work anticipated in SFY 2018 & 2019. (This is a large and varied group composed of items like fuels-unleaded, ethanol, diesel, equipment repair parts, signing materials, motor oil, propane gas, rock salt and traffic paint.) *Capital outlay* is the last group included in regular maintenance and is for the purchase of heavy equipment to maintain the system, vehicles to transport the personnel to the work sites, shop tools, equipment and computers used in the support of these maintenance activities. Regular maintenance is typically done entirely by KDOT forces. The long-term projected need for this expense is calculated by inflating historical actual expenditures for the above four group

ings using a standard inflation rate of 2.5 percent. In the Cash-Flow Worksheet, the values for SFY 2018 and 2019 are from the budget submittal, while SFY 2020 & 2021 are percentage estimates based upon projected inflation. Recently rolled into this category are the expenses associated with the network of 76 communication towers KDOT operates across the state. Expenditures are for maintenance to keep the towers operational and for the purchase of 800 MHzdigital trunked radio system to replace the current antiquated conventional MHzl radio towers. Previously, the expense related to this function was reported as a stand-alone category - Other in the Local Support section of the Cash-Flow Worksheet.

The second expense category under Maintenance, **City Connecting Links**, was previously reported under the Local Support section. The change in location was made because the expense associated with this activity is routine maintenance in nature even though occurring on local roads. The expenditure is for payments from KDOT to Local Public Authorities (LPA) that have elected to maintain the City Connecting Links within their boundaries. Instead of KDOT, the LPAs oversee the maintenance of these roads and KDOT pays for a share of the cost of the maintenance. The expenditure for this category is calculated based on formula as outlined in state statute and is set at a rate of $3,000 dollars per lane mile with a total estimated number of city connecting link miles of 1,120 miles.

To ensure that the expenditure dollars reserved for regular maintenance (state roads) are sufficient to meet the need, KDOT has several internal initiatives in place to monitor routine maintenance activities. These initiatives include the Maintenance Quality Assurance (MQA) Program, the Managing Kansas' Roadsides (MKR) guidelines for mowing and Managing Snow & Ice (MS&I) guidance. Together these three resources help KDOT measure the value of the maintenance effort and helps ensure that routine maintenance is being performed at adequate levels.

The MQA roadside program divides the road into different segments for monitoring: Travelway-the portion of the roadway for the movement of vehicles, Traffic Guidance-all KDOT maintained signs, pavement markings, striping or anything used to regulate, warn or guide traffic, Shoulders-areas of consideration are joint separation, cracking, drop-off or build-up and vegetation, Drainage- areas of focus include curb and gutter, ditches, erosion control, culverts and pipes and Roadside-with areas of focus that include fencing, litter, vegetation control, erosion and side roads and entrances. The MQA program is a management tool that assists managers in prioritizing maintenance projects and resources (personnel, equipment, materials and funding) and helps determine funding

needs. The program involves the annual physical inspections of randomly selected sites across the state. Each sample is rated using a level of service (LOS) criteria rating. The data from the inspections are compiled into the LOS reports. These reports provide information about the Kansas highway system at the State, District, Area and Subarea levels. From these reports, KDOT staff make determinations about what areas need increased maintenance efforts or if additional funding should be requested in the next budget for additional equipment or materials. KDOT's MQA program was initiated in 1999. The program was developed using the National Cooperative Highway Research Program (NCHRP) report 422 "Maintenance QA Program Implementation Manual". With guidance from the manual and input from KDOT staff and public input from surveys and correspondence LOS targets were established for each of the roadway segments. These targets are reviewed periodically and adjusted as needed. The LOS (level of service) established targets for the different segments are Travelway-90; Traffic Guidance-90; Shoulders-90; Drainage-85 and Roadside-85. The combined statewide target LOS is 90. For the most recent data, from SFY 2016, the statewide combined LOS rating was 89. (This rating does not denote that all districts- areas -subareas have a rating of 89 nor that all segments monitored were at this LOS but, rather that when considered in its entirety the overall rating for the state is a LOS of 89.) All the ratings for SFY 2016 may be viewed at the following link http://kdotapp.ksdot.org/perfmeasures/.

KDOT maintains more than 150,000 acres of highway right-of-way. To maintain a land area of this size requires a flexible approach that adjusts to the needs of differing areas. To meet this need KDOT uses the Managing Kansas' Roadside Program (MKR). The MKR program is a responsive program that uses different mowing approaches to achieve greater mowing efficiency. The different approaches include elimination of mowing, varying height mowing and varying frequency (based on the season) mowing. The characteristics of each mowing site determine which approach or approaches are employed. Some of the site characteristics considered when making mowing decisions are the location (rural versus urban), line of sights and slopes. This tailored mowing approach has yielded key benefits like cost reductions and increased employee safety. Additionally, the modified approach to mowing benefits small wildlife by increasing necessary cover, restricts unwanted vegetation growth and reduces erosion on roadsides. For more information about KDOT's roadside management program, visit KDOT's website at https://www.ksdot.org/bureaus/burConsMain/Connections/roadside/roadside.asp.

The MS&I guidance is used to manage the 10,000 miles of Kansas Highways during snow and ice events.

To use resources effectively and efficiently, KDOT decides which roads should be treated and plowed most frequently. KDOT determines how to treat roads by dividing the highways into three categories based upon road usage. Each category has a level of service for snow and ice control that KDOT crews attempt to achieve. Category I roads with 3,000 vehicles or more daily are treated and plowed most frequently. Category II roads are two-lane roads with 1,000 to 3,000 vehicles daily and are treated and plowed frequently while Category III roads with less than 1,000 vehicles daily are treated and plowed less frequently. Even with this approach to snow and ice management, there are times when weather prevents KDOT from maintaining a passable highway. When this happens, the only alternative is to close the road. The road will be reopened when the conditions allow.

Construction is the second expenditure section in the Cash-Flow Worksheet and is divided into six categories of expense. The first three of these categories **Preservation, Modernization, and Expansion and Enhancement,** are the anticipated construction work phase expenditures for KDOT projects and reflects the three 'Core' program groups KDOT uses to organize similar work. (For a discussion of the KDOT programs and subcategories within, refer to the preceding Project Selection Criteria narrative.) The expenditures for these three categories pertain to road system infrastructure on state roads. The expenditure amount for the unprogrammed portion of each category is determined by the current state program and estimated revenues from all sources. Project expenditures prior to letting are based on engineers' estimates and the post construction letting expenditures are based on the encumbered construction contract amount and actual payments to contractors.

The construction expenditure information presented here is provided at the project work phase level in Appendix A & Appendix B for projects KDOT has programmed. However, the total of the projects programmed will not equal the Cash-Flow Worksheet forecasts. The reason for the difference is threefold:

1) the Cash-Flow Worksheet forecasts the entire program including the unprogrammed portion, while the Appendixes only provide information about projects created and committed at the time the STIP was prepared;

2) the Cash-Flow Worksheet includes projections for projects that have <u>all</u> work phases obligated and underway; these projects are not part of Appendixes A or B.

3) While expenditures in the Cash-Flow Worksheet prior to con-

struction letting are based on engineers' estimates as is the STIP information in Appendixes A & B, post construction letting Cash-Flow expenditures are based on a combination of the encumbered construction contract amount (inflated slightly for change orders) and actual payments made to the contractor.

As with routine maintenance for preservation, there are measures - one for roads and one for bridges - to verify the system is being maintained at adequate levels. Roads are assessed annually using the Pavement Management System and bridges are assessed annually using the Pontis Bridge Management System. For roads, the targets are 85 percent and 80 percent for Interstate and Non-Interstate pavements, respectively, with a rating of PL-1. A PL-1 rating indicates the roadway surface is in good condition and needs only routine or light preventative maintenance. The road table below shows the actual road conditions in the state for the years SFY 2014-2016.

Statewide Roadway Condition for Interstate and Non-Interstate Miles

	Interstate Miles		Non-interstate Miles	
Fiscal Year	Minimum Acceptable Condition Level*	Actual Condition Level*	Minimum Acceptable Condition Level*	Actual Condition Level*
2014	85	98	80	89
2015	85	98	80	90
2016	85	97	80	92

* - Percent of miles in PL-1 condition

For state-owned bridges, a bridge health index (BHI) is used, and while KDOT's goal is to maintain the state-owned bridge system at a high level, an overall bridge health index (BHI) of 85 is defined as the minimum acceptable condition level. The following bridge table shows the actual bridge conditions statewide for the years SFY 2014-2016.

Statewide Bridge Health Ratings

Fiscal Year	Minimum Acceptable Bridge Health Index	Actual Health Index
2014	85	87
2015	85	86
2016	85	87

As both tables illustrate, KDOT continues to maintain roads and bridges at acceptable levels. For more information concerning asset allocation and maintenance levels of the highway infrastructure, refer to the current CAFR report at the following link: http://www.ksdot.org/bureaus/burFiscal/default.asp

Construction engineering and preliminary engineering (CE & PE) categories are expenditures for the design aspect of KDOT projects on state roads. The expenses in this category are a combination of agency CE & PE work and projected contracted CE & PE work. For the agency engineering salary portion, the first two years of the Cash-Flow Worksheet expenditure are taken directly from the budget and the last two years are determined by inflat-

ing the budgeted amounts. For the contracted CE & PE, estimates are provided by the Bureau of Design and are adjusted for inflation. CE & PE information is provided at the project level in Appendix A & Appendix B for projects KDOT has programmed. However, CE costs are rolled into the Construction costs in the Appendixes to display the costs in the manner preferred by Federal Highway, since construction and CE expenditure are not separated at the federal level.

Local Federal Aid expenditures, the fifth expenditure in the Construction section, deals with road infrastructure improvements on local roads. Specific project information programmed for LPAs during the STIP years is in the STIP appendixes, except for those projects being completed by LPAs using the Federal Fund Exchange program. The expenditure estimated for the unprogrammed portion is determined by the current state program and estimated revenues from all sources. Project expenditures prior to letting are based on engineers' estimates and the post construction letting expenditures are based on the encumbered construction contract amount and actual payments to contractors. Since the initiation of the Federal Fund Exchange program, the number of LPA projects funded with federal dollars has diminished greatly. Currently, most LPAs elect to trade their federal funds with KDOT for state funds. For more information about the Federal Fund Exchange program, see the Project Selection Criteria section of this document and the following Local Support section of the Cash-Flow Work Sheet Expenditure.

Buildings expense is the only fixed cost reported under the Construction section of the Cash-Flow Worksheet and is for the purchase, maintenance and repair of KDOT-owned buildings. These buildings are located throughout the state in the district, areas and subareas of KDOT and are used for offices, equipment storage and material storage. Estimates for this expenditure are from the Capital Improvement Plan, a five-year request adjusted each year to reflect the Governor's budget.

The expenditures in the Local Support grouping of the Cash-Flow Worksheet are for improvements on city or county roads. This section is composed of Agency Operations, Special City & County Highway Fund (SC&CHF), Local Partnership Programs and the newly created Categorical Grants (which was formerly reported as part of the Local Partnership Program) categories. The Other category formerly reported in this group has now been moved into the Regular Maintenance expenditure category located in the Maintenance section of the Cash-Flow Worksheet.

The first two expense categories under Local Support, **Agency Opera**

tions and SC&CH are fixed costs. Agency Operations are for salaries for administrative and support personnel dedicated to the support of local planning activities. This expenditure is projected by growing the historical expenditures using an inflation rate of 2.5%. The SC&CH expenditure is a pass through of funds designated for use by LPAs as directed by State law. Thus, although the funds are in the transportation T-WORKS program, they are not KDOT's to use. The expenditure is based upon expected tax receipts and the disbursement is calculated and made by the State Treasurer.

The **Local Partnership Programs category expenditure** was previously a combination of three subcategories of work – City Connecting Link projects for maintenance functions, Pavement Restoration projects for more extensive road repairs exceeding maintenance and Geometric Improvement projects for improvement functions. Under the revised Cash-Flow Worksheet, the City Connecting Links are now being reported as a separate category under the Maintenance section, leaving the Pavement Restoration and Geometric Improvement expenditures in the Local Partnership Program category. Pavement Restoration projects are designed to address severe deficiencies in road surface. Geometric Improvement projects are designed to address upgrades like pavement widenings, adding or widening shoulders, eliminating steep hills and/or sharp curves and adding acceleration and deceleration lanes. The work involved with these projects encompasses more than maintenance but unlike the construction group of expenditure categories the work occurs on local roads. The expenditure for this category is determined based on where a project is in its life-cycle. For the unprogrammed portion of this category, expenditure is determined by the current state program and estimated revenues from all sources (projects have not been created yet so the dollars are not captured in the STIP appendixes). The category expenditure portion related to projects selected and not yet let are based on engineers' estimates. This portion of the expenditure correlates to the projects listed in the STIP appendixes. Finally, the portion of category expenditure associated with projects that are post construction letting is based on the encumbered construction contract amount and actual payments to contractors. (These projects are already obligated and underway and are not in the STIP document).

The final category in the Local Support section is **Categorical Grants,** which report the KDOT funds being given to the LPAs under the Federal Fund Exchange program. The expense for this program was formerly included with the Local Partnership Program expenditure. However, since this expense is not directly related to work on roads, but is rather a fixed cost for the exchange of cash for federal dollars, the expense has been broken out into its

own category. The current exchange rate for this program is $0.75/$1.00. The expenditure amount is calculated based on this exchange rate and the number of LPAs who have entered into a fund exchange agreement with the State. For more information about this program visit the KDOT Bureau of Local Projects web at http://www.ksdot.org/bureaus/burLocalProj/default.asp.

The Transportation Planning and Modal Support section of the Cash-Flow Worksheet combines the previous Modes section with the Transportation Planning portion of the former Administration and Transportation Planning section. This section of the Cash-Flow Worksheet focuses on the planning needed to meet the transportation needs of the state and the modal transportation forms such as transit, rail and aviation.

Like the **Agency Operations** category in Local Support, this first category of the transportation Planning and Modal Support section comprises the salaries for the administration and support personnel dedicated to transportation planning functions and modal activities throughout the state. This is a fixed cost that is projected by growing the historical expenditures using an inflation rate of 2.5%.

KDOT categorizes the modes into three groups - **aviation, public transit and rail.** The expenditures for these three categories are for the ongoing activities and functions undertaken by KDOT throughout the state - from rail improvements, to airport and runway expansion, repair and maintenance, to transit aid throughout the state. To leverage transportation dollars to obtain the largest benefit possible, under the T-WORKS program, funding to all three of these alternate modes was increased. The expenditures forecasted in the Cash-Flow Worksheet for the three modes are provided by the Division of Planning and Development and the Division of Aviation and are adjusted for inflation. While the modes are a part of the Cash-Flow Worksheet, the projects that compose the modal group are not represented in the STIP – except for public transit. For purposes of the STIP, the public transit mode is the only mode required to be reported in the STIP document. The public transit information is presented in its own narrative and is presented at the program level rather than the project level as the FTA has requested. Since the other modes are outside the “Core” programs required by federal law to be in the STIP and because the modes (except for public transit) do not receive federal funding from FHWA or FTA, they are not included in this document. The intent of this document is to meet the requirements for the STIP as outlined in law. To learn more about the modes in Kansas, visit the KDOT T-WORKS web site at http://tworks.ksdot.org/ .

The last category in the Transportation Planning and Modal Support section is **Other Planning**. This category has been split out from the Agency Operations category and is for the debt services related to the Transportation Revolving Fund and for federal expenses that do not pass through the State Highway Fund, such as the National Highway Traffic Safety Administration (NHTSA) and Federal Aviation Administration (FAA) expenses. The costs associated with this category are fixed in nature.

The last two sections in the Cash-Flow Worksheet expenditures are **Administration and Debt Service**. Administration expenditure encompasses salaries for administrative and support personnel for the continued function of the agency and the daily operation costs like utilities. The administration expenditure is a fixed cost projected by growing the historical expenditure using an inflation rate of 2.5%. **Debt Service** reflects the expense related to the repayment of highway bonds. These are fixed rate bonds so the expenditures are a fixed cost.

The Cash Flow Worksheet is projecting positive ending balances in all four years of the STIP, providing a reasonable expectation of fiscal constraint.

FISCAL CONSTRAINT

In accordance with 23 CFR 450.216(a)(5), the STIP is required to be financially constrained by year, and this fiscal constraint must be demonstrated in the STIP. To be fiscally constrained by year, the demand on total available funding (state, federal and local) for each STIP year must not exceed the funding that is available for that year. To assure fiscal constraint, KDOT's OFAB maintain a Cash-Flow Worksheet that summarizes agency revenue and expenditure project-tons. The agency's most recent Cash-Flow Worksheet follows this discussion. The Cash-Flow Worksheet is reviewed and updated as needed at key times during the SFY in:

- September during budget preparation
- January after the Governor's budget is presented, if needed
- May/June at the end of the legislative session, if needed
- And as changes to programs and projects warrant.

As discussed in this finance section, the sources of information and data used to compile and maintain the Cash-Flow Worksheet are many and varied. In addition to the methods already described, the OFAB uses a Cash-Flow computer system, Cash Availability and Forecasting Environment (CAFE). CAFE maintains the cash-flow data and models cashflows in

and out of the agency. CAFE is compatible with and interacts with KDOT's other computer systems, which greatly automates cash-flow modeling and allows project data from the project management system, WinCPMS, to be incorporated into the modeling. In addition, CAFE can store assumptions such as inflation factors for motor fuel taxes for use in modeling. CAFÉ allows for efficient and effective cash management by KDOT.

The Cash-Flow Worksheet forecasts all anticipated revenues (state, federal and local) and all anticipated expenditures in the next four years. The federal reimbursement estimates in the Cash-Flow Worksheet, while based on the level of federal funding KDOT expects to receive (the obligation limit) as outlined in the recently passed FAST Act, do not correlate exactly. Since federal aid is a reimbursement program, funds must be expended and then requests for reimbursement made. The federal reimbursement for the years of the cash-flow is composed of three parts: 1) underway projects with outstanding reimbursement expected to be received in the 2018-2021 SFYs; 2) the reimbursement from new projects that are anticipated to obligate and reimburse in the four years of this STIP; 3) projects advanced constructed and anticipated to be converted in each of the four years. To estimate state and local revenues that will be available for the agency's use, KDOT uses information from both the CEG and the HREG. Whenever, the CEG and/or HREG issue revised information, usually in April, November and September, KDOT reviews the new data to determine whether the new information continues to support current revenue projections in the cash-flow modeling. If KDOT's OFAB determines the new information warrants an adjustment to the state and local funding projections, then changes are made to CAFÉ and a revised the Cash-Flow Worksheet is generated. Likewise, as information changes in KDOT's project management system, these changes are incorporated automatically to CAFE since the two systems interact. Finally, the OFAB staff continually monitors and reviews the data relevant to revenue and expenditure. In this way, the Cash-Flow Worksheet generated from CAFE is timely and provides the information KDOT needs to be fiscally constrained.

KDOT Cash-Flow Worksheet

as of October 2017

KDOT - All Agency Funds

($000)	2018	2019	2020	2021	FY 2018-2021
BEGINNING BALANCE	414,309	411,474	419,730	263,632	414,309
Resources					
Motor Fuel Taxes	449,155	453,135	453,615	454,095	1,810,000
Sales & Compensating Tax	514,539	519,355	528,441	537,687	2,100,022
Registration Fees	204,500	204,500	204,500	204,500	818,000
Drivers Licenses Fees	8,843	8,843	8,843	8,843	35,372
Special Vehicle Permits	2,708	2,708	2,708	2,708	10,832
Interest on Funds	4,481	2,262	2,174	1,228	10,145
Misc. Revenues	11,442	11,110	8,158	8,201	38,911
Transfers:	1,158	1,158	1,158	1,158	4,632
Motor Carrier Property Tax	-	-	-	-	-
Transfers Out	(527,062)	(531,857)	(528,438)	(537,684)	(2,125,041)
Subtotal	669,764	671,214	681,159	680,736	2,702,873
Federal and Local Construction Reimbursement					
Federal Reimbursement - SHF	236,839	293,320	291,492	296,723	1,118,374
Local Construction - Federal	51,749	75,562	82,722	68,899	278,932
Local Construction - Local	22,071	25,281	16,210	20,570	84,132
Miscellaneous Federal Aid	36,136	36,553	35,907	35,907	144,503
Subtotal Federal & Local	346,795	430,716	426,331	422,099	1,625,941
Total before Bonding	1,016,559	1,101,930	1,107,490	1,102,835	4,328,814
Bond Sales (par)	200,000	200,000	-	-	400,000
Issue Costs/Premium/Discount/Acc Int.	-	-	-	-	-
Net from Bond Sales:	200,000	200,000	-	-	400,000
Net TRF Loan Transactions	4,815	3,038	2,698	2,674	13,225
TOTAL RECEIPTS	1,221,374	1,304,968	1,110,188	1,105,509	4,742,039
AVAILABLE RESOURCES	1,635,683	1,716,442	1,529,918	1,369,141	5,156,348

The following revenue estimates are currently being used:
April 2017 State Consensus Revenue Estimating Group
November 2016 Highway Revenue Estimating Group
Debt Service updated December 2016

KDOT Cash-Flow Worksheet

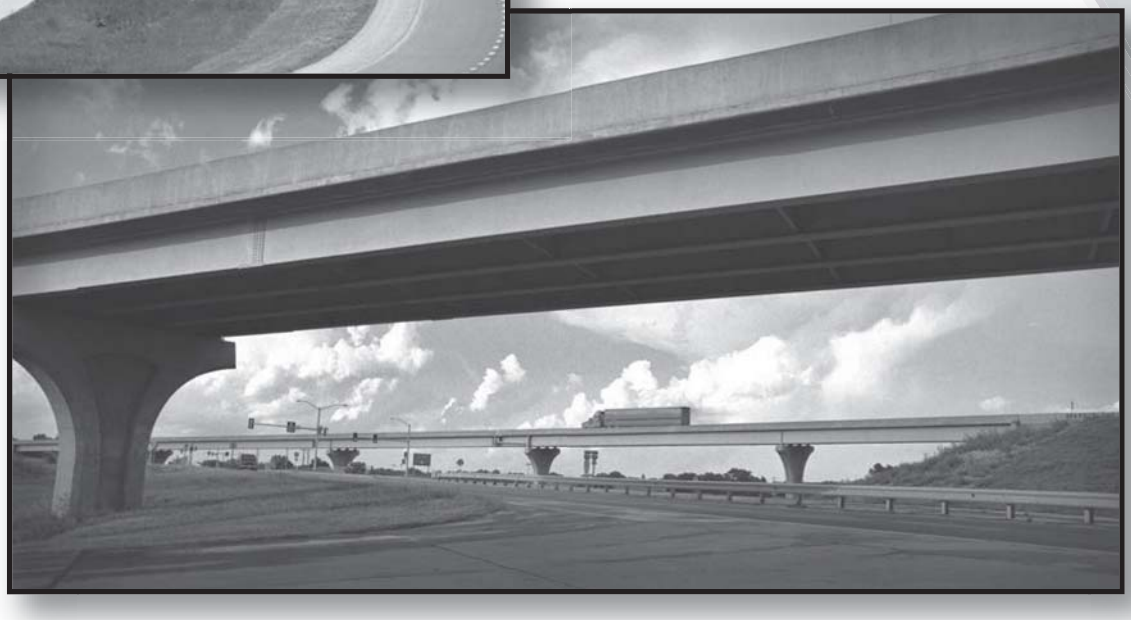
as of Octobere 2017

EXPENDITURES:	2018	2019	2020	2021	FY 2018-2021
Maintenance					
Regular Maintenance	136,902	140,446	143,958	147,557	568,863
City Connecting Links	3,360	3,360	3,360	3,360	13,440
Total Maintenance	140,262	143,806	147,318	150,917	582,303
Construction					
Preservation	194,699	284,022	339,987	299,889	1,118,597
Modernization	40,378	32,997	6,417	6,811	86,603
Expansion & Enhancements	146,466	132,780	83,336	71,807	434,389
CE & PE	57,265	58,402	59,746	61,123	236,536
Local Federal Aid Projects	62,378	84,492	80,389	81,971	309,230
Buildings	8,725	9,364	9,598	9,838	37,525
Total Construction	509,911	602,057	579,473	531,439	2,222,880
Local Support					
Agency Operations	1,724	1,763	1,807	1,852	7,146
SC&CHF	151,048	152,387	152,548	152,709	608,692
Local Partnership Programs	32,410	34,442	31,325	28,016	126,193
Categorical Grants	40,000	30,000	25,000	25,000	120,000
Other					-
Total Local Support	225,182	218,592	210,680	207,577	862,031
Transportation Planning & Modal Support					
Agency Operations	13,020	12,705	13,023	13,349	52,097
Aviation	9,495	6,582	5,557	5,196	26,830
Public Transit	36,794	36,988	36,988	36,988	147,758
Rail	14,069	9,071	7,348	6,770	37,258
Other Planning	27,074	6,020	6,002	5,874	44,970
Total Planning & Modal Support	100,452	71,366	68,918	68,177	308,913
Administration	50,793	50,191	51,421	52,682	205,087
TOTAL before Debt Service	1,026,600	1,086,012	1,057,810	1,010,792	4,181,214
Debt Service	197,609	210,700	208,476	208,700	825,485
TOTAL EXPENDITURES	1,224,209	1,296,712	1,266,286	1,219,492	5,006,699
ENDING BALANCE	411,474	419,730	263,632	149,649	149,649
	2018	2019	2020	2021	FY 2018-2021

Required Ending Balances reflect:

1. Amounts required to satisfy bond debt service requirements.
2. Funds allocated by statute for distribution to specific programs.
3. An amount necessary to provide for orderly payment of agency bills.

Metropolitan Transportation Improvement Programs



METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAMS

Under Title 23 of the United States Code pertaining to transportation, communities with population greater than 50,000 are required to have a Metropolitan Planning Organization (MPO). The MPOs are responsible for coordinating transportation planning efforts in their region. The six Kansas MPOs are: the Mid-America Regional Council (covers the bi-state Kansas City metropolitan area), the Lawrence-Douglas County Metropolitan Planning Organization, the Wichita Area Metropolitan Planning Organization, the Metropolitan Topeka Planning Organization, the Flint Hills Metropolitan Planning Organization (covers Manhattan, Ogden, Junction City, Wamego, St. George and Grandview Plaza), and the St. Joseph Area Transportation Study Organization (covers the bi-state area of the St. Joseph, Missouri metropolitan area including Elwood/Wathena, Kansas).

The planning process by the MPOs encompasses all modes of transportation and covers both short-range and long-range transportation planning. MPO plans and programs are reviewed and approved by the Federal Highway Administration and the Federal Transit Administration. The role of the MPO is to coordinate the transportation planning activities within their region. This includes serving as a liaison between local communities, their citizens, and the state departments of transportation. MPOs help determine how and where available state and federal dollars for transportation improvements will be spent. As defined by federal and state transportation regulations, the primary functions of the MPO are to:

- Establish the goals, objectives and policies governing transportation planning in the region.
- Approve an annual Unified Planning Work Program (UPWP) and budget.
- Direct the preparation and adoption of the Metropolitan Transportation Plan (MTP) goals, objectives, and priorities.
- Program projects for implementation through the adoption of the Transportation Improvement Program (TIP).
- Dependent on attainment status: perform the air quality conformity determination for the TIP and MTP.

Projects within each MPO are incorporated in the Kansas STIP by reference of the TIP each MPO has in place. To view specific MPO project information and cost, follow the links provided below to each MPO TIP. In addit-

ion to TIP information, contact information and currently adopted MTP information, formerly referred to as the Long Range Transportation Plan (LRTP), is provided. As new TIPs or MTPs are adopted by MPOs, the new documents will be amended into this STIP using the amendment process.

Mid-America Regional Council (MARC)
Kansas City Metropolitan Area

FFY 2018-2022
Transportation Improvement Program

- Approval by MARC on October 24, 2017
- Approval by KDOT on November 2, 2017
- Approval by FHWA/ FTA on November 06, 2017

Link to current TIP:
http://www.marc.org/Transportation/Plans-Studies/Transportation-Plans-and-Studies/TIP/Assets/TIP_2018-2022.aspx

Metropolitan Transportation Plan (MTP):
"Transportation Outlook 2040 Update"

- Approval Date: June 23, 2015
- Expiration Date: June 23, 2020

Link to current MTP:
http://www.to2040.org/

Contact Information:
MARC
600 Broadway, Suite 200
Kansas City, MO 64105
Telephone: 816-474-4240
www.marc.org/transportation/
Email: transportation@marc.org

Wichita Area Metropolitan Planning Organization (WAMPO)
Wichita Metropolitan Area

FFY 2017 - 2020
Transportation Improvement Program

- Approval by WAMPO on October 11, 2016
- Approval by KDOT on November 03, 2016
- Approval by FHWA/FTA on November 04, 2016

Link to current TIP:
http://www.wampo.org/Work/Pages/TIP.aspx

Metropolitan Transportation Plan (MTP):
"Move 2040"

- Approval Date: July 14, 2015
- Expiration Date: July 14, 2020

Link to current MTP:
http://www.wampo.org/Boards/Pages/MTP-PAC.aspx

Contact Information:
WAMPO
271 W 3rd St., Ste 208
Wichita, KS 67202
Telephone: 316-268-4315
www.wampo.org/Pages/default.aspx
Email: KZimmerman@wichita.gov

Metropolitan Topeka Planning Organization (MTPO)
Topeka Metropolitan Area

FFY 2018-2022
Transportation Improvement Program

- Approval by MTPO on
- October 24, 2017
- Approval by KDOT on October 26, 2017
- Approval by FHWA/FTA on November 6, 2017

Link to current TIP: http://www.marc.org/Transportation/Plans-Studies/Transportation-Plans-and-Studies/TIP/Assets/TIP_2018-2022.aspx

Metropolitan Transportation Plan (MTP):
"Futures 2040 "

- Approval Date: June 22, 2017
- Expiration Date: June 21, 2022

Link to current MTP: http://www.topekampo.org/futures-2040.html

Contact Information:
MTPO
620 SE Madison
Topeka, KS 66607
Telephone: 785-368-3728
https://www.topeka.org/planning/Pages/Transportation-Planning.aspx
Email: cscroggins@topeka.org

Lawrence-Douglas County Metropolitan Planning Organization (L-DC MPO)
Lawrence & Douglas County Area

FY 2017 – 2020
Transportation Improvement Program
For the Lawrence Urbanized Area

- Approval by the L-DC MPO on October 5, 2016
- Approval by KDOT on November 03, 2016
- Approval by FHWA/FTA on November 04, 2016

Link to current TIP: www.lawrenceks.org/mpo/tip

Metropolitan Transportation Plan (MTP):
"Transportation 2040-Moving Forward Together"

- Approval Date: March 21, 2013
- Expiration Date: March 21,2018

Link to current MTP:
http://www.lawrenceks.org/mpo/t2040

Contact Information:
Transportation Planning/L-DC MPO
6 East 6th Street- City Hall
1st Floor, Planning Office
PO Box 708
Lawrence, KS 66044
Telephone: 785-832-3165
www.lawrenceks.org/mpo/
Email: jmortinger@lawrenceks.org

Flint Hills Metropolitan Planning Organization (FHMPO)
Manhattan Metropolitan Area

FFY 2018-2021
Transportation Improvement Program:

- Approval by FHMPO on July 19, 2017
- Approval by KDOT on August 18, 2017
- Approval by FHWA/FTA on August 22, 2017

Link to current TIP:
http://docs.wix-static.com/ugd/5b8c10_85f08406f1724cc1aef4c6c16f6599e1.pdf

Metropolitan Transportation Plan (MTP):
"Flint Hills Transportation Plan-FHTP"

- Approval Date: February 17, 2016
- Expiration Date: February 17, 2021

Link to current MTP:
http://www.flinthillsmpo.org/fhtp

Contact Information:
Physical Address:
1801 Buffalo Soldier
Fort Riley, KS 66442

Mailing Address:
FHMPO
PO Box 1901
Manhattan, KS 66505
Telephone: 785-845-9050
http://www.FlintHillsMPO.org
Email: stephanie@flinthillsmpo.org

St. Joseph Area Transportation Study Organization (SJATSO)
St. Joseph Metropolitan Area

FY 2018-2021
Transportation Improvement Program For the St. Joseph Area

- Approval by SJATSO on May 25, 2017
- Approval by FHWA-MO/FTA on July 25, 2017

Links to current TIP:
http://stjoempo.org/wp-content/uploads/2016/08/2018-2021-TIP-with-Amendment-1.pdf

Metropolitan Transportation Plan (MTP):
"2040 St. Joseph Metropolitan Transportation Plan"

- Approval Date: January 22, 2015
- Expiration Date: January 22, 2020

Link to current MTP:
http://stjoempo.org/metropolitan-transportation-plan-mtp/

Contact Information:
SJATSO
1100 Frederick Avenue, Room 202
St. Joseph, MO 64501
Telephone: 816-236-4653
http://stjoempo.org/
Email: aclements@ci.st-joseph.mo.us