



Federal Transit Administration
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Kansas City, MO 64106
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Federal Highway Administration
6111 SW 29th Street, Suite 100
Topeka, KS 66614-4271
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U.S. Department of Transportation

September 12, 2016

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 2016-2019
Kansas STIP

Dear Ms. Patrick:

As requested by your September 08, 2016 letter, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the proposed Amendment #8 to the FY 2016-2019 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

Richard Carlson, Interim Secretary
Catherine M. Patrick, P.E.,
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Sam Brownback, Governor

September 8, 2016

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 #8 to the 2016-2019 STIP

The Kansas Department of Transportation (KDOT) has approved an amendment to the Kansas 2016-2019 Statewide Transportation Improvement Program (STIP) which includes projects within the Manhattan 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 2016-2019 STIP.

The public involvement activities conducted by the Flint Hills Metropolitan Planning Organization (FHMPO) and the Metropolitan Topeka Planning Organization (MTPO) for the Transportation Improvement Program (TIP) serve to satisfy the requirements of 23 CFR §450.324.

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, P.E.
State Transportation Engineer

Enclosures: 2016 September STIP Amendment List of Projects
2016 STIP Amendment Cash Flow Report
FHMPO 2016-2019 TIP Amendment Approval Request Letter and Related Documents
MTPO 2015-2018 TIP Amendment Approval Request Letter and Related Documents

Messrs. Ahmad and Backlund

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September 8, 2016

cc: Mark Bechtel, FTA Region VII, Team Leader
Daniel Nguyen, FTA Region VII, Community Planner
Jeremiah Schuler, 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
Tod Salfrank, KDOT Local Projects
Crystal Madrid, KDOT Local Projects
David Marten, KDOT Local Projects
Susie Lovelady, KDOT Program and Project Management
Linda Fritton, KDOT Program and Project Management

SEPTEMBER STIP AMENDMENT
 FEDERAL FISCAL YEAR 2016-2019 STIP
 All dollars in \$1,000's and some dollars may be rounded.

DISPOSITION	ROUTE	COUNTY	KDOT PROJECT		WORK TYPE	LENGTH (Miles)	F/A PROJECT NUMBER	FUND CAT CODE	PRO-RATA	WORK PHASE ESTIMATE (\$1,000's)	FUNDS EXPECTED TO OBLIGATE (\$1,000's)	WORK PHASE	PLANNED YEAR OBLIGATION
			NUMBER	DESCRIPTION									
Move Out		MORRIS	C-0371-01	Safety Improvements at Various Locations in Morris Co	GRSU	0.0	C037(101)	HRRR	90.00	\$485	\$437	CONST	2017
Move Out		MORRIS	C-0371-01	Safety Improvements at Various Locations in Morris Co	GRSU	0.0	C037(101)	C0064	10.00	\$485	\$49	CONST	2017
Chg Cost		STAFFORD	C-4816-01	Signing on Minor Collectors in NW Third of Stafford Co	SIGN	0.0	C481(601)	HSIP	100.00	\$54	\$54	CONST	2017
Chg Cost		STAFFORD	C-4816-01	Signing on Minor Collectors in NW Third of Stafford Co	SIGN	0.0	C481(601)	HSIP	100.00	\$10	\$10	PE	2016
Add		CRAWFORD	C-4856-01	260th from K-171 to K-126 & 200th from 570th to 590th	GR	7.0	C485(601)	HSIP	90.00	\$372	\$335	CONST	2018
Add		CRAWFORD	C-4856-01	260th from K-171 to K-126 & 200th from 570th to 590th	GR	7.0	C485(601)	C0019	10.00	\$372	\$37	CONST	2018
Add		CRAWFORD	C-4856-01	260th from K-171 to K-126 & 200th from 570th to 590th	GR	7.0	C485(601)	HSIP	90.00	\$25	\$23	PE	2016
Add		CRAWFORD	C-4856-01	260th from K-171 to K-126 & 200th from 570th to 590th	GR	7.0	C485(601)	C0019	10.00	\$25	\$3	PE	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	STP	100.00	\$914	\$914	CONST	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	K	100.00	\$10	\$10	CONST	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	STP	100.00	\$290	\$290	PE	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	K	100.00	\$7	\$7	PE	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	K	100.00	\$5	\$5	ROW	2016
Chg FF	K-31	BOURBON	KA-2052-01	Br#38 over Clever Cr 2.98 Mi E of E Jct K-31/K-7	BRRPL	0.0	A205(201)	STP	100.00	\$1	\$1	UTIL	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	STP	80.00	\$580	\$464	CONST	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	K	20.00	\$580	\$116	CONST	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	STP	80.00	\$281	\$225	PE	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	K	20.00	\$281	\$56	PE	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	K	100.00	\$32	\$32	PE	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	STP	80.00	\$1	\$1	UTIL	2016
Chg Cost		COFFEY	KA-2056-01	Br#48 over Dinner Cr .45 Mi E of CF/GW Co Ln	BRRPL	0.0	A205(601)	K	20.00	\$1	\$0	UTIL	2016
Chg FF	K-2	HARPER	KA-2063-01	Br#24 over Camp Cr 6.24 Mi E of HP/BA Co Ln	BRRPL	0.0	A206(301)	STP	100.00	\$1,329	\$1,329	CONST	2016
Chg FF	K-2	HARPER	KA-2063-01	Br#24 over Camp Cr 6.24 Mi E of HP/BA Co Ln	BRRPL	0.0	A206(301)	K	100.00	\$18	\$18	CONST	2016
Chg FF	K-2	HARPER	KA-2063-01	Br#24 over Camp Cr 6.24 Mi E of HP/BA Co Ln	BRRPL	0.0	A206(301)	STP	100.00	\$183	\$183	PE	2016
Chg FF	K-2	HARPER	KA-2063-01	Br#24 over Camp Cr 6.24 Mi E of HP/BA Co Ln	BRRPL	0.0	A206(301)	K	100.00	\$8	\$8	PE	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	STP	100.00	\$1,112	\$1,112	CONST	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	K	100.00	\$24	\$24	CONST	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	STP	100.00	\$267	\$267	PE	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	K	100.00	\$1	\$1	PE	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	K	100.00	\$14	\$14	ROW	2016
Chg FF	US-24	JEFFERSON	KA-2064-01	Br over Kansas River Drng 3.71 Mi E of US-24/US-59 Jct	BRRPL	0.0	A206(401)	STP	100.00	\$31	\$31	UTIL	2016
Chg FF	K-61	RENO	KA-2083-01	Br#83 over Cow Cr Drng 2.29 Mi N of E Jct of US-50	BRRPL	0.0	A208(301)	NHPP	100.00	\$943	\$943	CONST	2016
Chg FF	K-61	RENO	KA-2083-01	Br#83 over Cow Cr Drng 2.29 Mi N of E Jct of US-50	BRRPL	0.0	A208(301)	K	100.00	\$4	\$4	CONST	2016
Chg FF	K-61	RENO	KA-2083-01	Br#83 over Cow Cr Drng 2.29 Mi N of E Jct of US-50	BRRPL	0.0	A208(301)	NHPP	100.00	\$184	\$184	PE	2016
Chg FF	K-61	RENO	KA-2083-01	Br#83 over Cow Cr Drng 2.29 Mi N of E Jct of US-50	BRRPL	0.0	A208(301)	K	100.00	\$3	\$3	PE	2016
Chg FF	K-61	RENO	KA-2083-01	Br#83 over Cow Cr Drng 2.29 Mi N of E Jct of US-50	BRRPL	0.0	A208(301)	K	100.00	\$0	\$0	UTIL	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	STP	100.00	\$1,334	\$1,334	CONST	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	K	100.00	\$26	\$26	CONST	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	STP	100.00	\$192	\$192	PE	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	K	100.00	\$11	\$11	PE	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	K	100.00	\$46	\$46	ROW	2016
Chg FF	US-81	SUMNER	KA-2090-01	Br#41 over Fall Cr 1.58 Mi N of OK St Ln	BRRPL	0.0	A209(001)	STP	100.00	\$13	\$13	UTIL	2016
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	RDF	80.00	\$4,756	\$3,805	CONST	2016
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	K	20.00	\$4,756	\$951	CONST	2016

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			NUMBER	DESCRIPTION										
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	RDF	80.00	\$206	\$165	PE	2016	
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	K	20.00	\$206	\$41	PE	2016	
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	K	100.00	\$62	\$62	ROW	2016	
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	RDF	80.00	\$102	\$81	UTIL	2016	
Convert AC	US-400	BUTLER	KA-2375-02	From 8.3 Mi E of US-400/US-54 Jct E for 2.5 Mi	GRSU	2.5	A237(502)	K	20.00	\$102	\$20	UTIL	2016	
Chg Scope/Cost	K-177	CHASE	KA-3943-01	Br#25 over US-50 at Jct US-50/K-177	BRRPL	0.0	A394(301)	ACSTP	80.00	\$268	\$215	PE	2016	
Chg Scope/Cost	K-177	CHASE	KA-3943-01	Br#25 over US-50 at Jct US-50/K-177	BRRPL	0.0	A394(301)	K	20.00	\$268	\$54	PE	2016	
Cnvr AC	K-177	CHASE	KA-3943-01	Br#25 over US-50 at Jct US-50/K-177	BRRPL	0.0	A394(301)	STP	80.00	\$268	\$215	PE	2022	
Add	K-177	CHASE	KA-4430-01	Br#24 over Fox Cr 3.33 Mi N of US-50	BRRPL	0.0	A443(001)	ACSTP	80.00	\$171	\$137	PE	2016	
Add	K-177	CHASE	KA-4430-01	Br#24 over Fox Cr 3.33 Mi N of US-50	BRRPL	0.0	A443(001)	K	20.00	\$171	\$34	PE	2016	
Cnvr AC	K-177	CHASE	KA-4430-01	Br#24 over Fox Cr 3.33 Mi N of US-50	BRRPL	0.0	A443(001)	STP	80.00	\$171	\$137	PE	2022	
Add	K-177	CHASE	KA-4431-01	Br#23 over Fox Cr Drng 5.7 Mi N of US-50	BRRPL	0.0	A443(101)	ACSTP	80.00	\$171	\$137	PE	2016	
Add	K-177	CHASE	KA-4431-01	Br#23 over Fox Cr Drng 5.7 Mi N of US-50	BRRPL	0.0	A443(101)	K	20.00	\$171	\$34	PE	2016	
Cnvr AC	K-177	CHASE	KA-4431-01	Br#23 over Fox Cr Drng 5.7 Mi N of US-50	BRRPL	0.0	A443(101)	STP	80.00	\$171	\$137	PE	2022	
Add		STATEWIDE	KA-4438-01	Regional Operations Forum Training for TSM&O	ITS	0.0	A443(801)	SHRP2	100.00	\$100	\$100	PE	2016	
Add		STATEWIDE	KA-4450-01	Statewide Traffic Incident Management (TIM) Program	PE	0.0	A445(001)	STIC	100.00	\$60	\$60	PE	2016	
Add		STATEWIDE	KA-4451-01	Statewide Study/Development of Low Distortion Projects (LDP)	PE	0.0	A445(101)	STIC	80.00	\$50	\$40	PE	2016	
Add		STATEWIDE	KA-4451-01	Statewide Study/Development of Low Distortion Projects (LDP)	PE	0.0	A445(101)	K	20.00	\$50	\$10	PE	2016	
Add		STATEWIDE	TE-0402-04	Flint Hills Nature Trail - Ph IV	PEDBI	26.5	T040(204)	TA	80.00	\$3,808	\$3,046	CONST	2017	
Add		STATEWIDE	TE-0402-04	Flint Hills Nature Trail - Ph IV	PEDBI	26.5	T040(204)	OTHER	20.00	\$3,808	\$762	CONST	2017	
Add		STATEWIDE	TE-0402-04	Flint Hills Nature Trail - Ph IV	PEDBI	26.5	T040(204)	OTHER	100.00	\$154	\$154	CONST	2017	
Chg Cost		MCPHERSON	TE-0410-01	Ped/Bike Path in the City of McPherson	PEDBI	0.0	T041(001)	TA	60.00	\$505	\$303	CONST	2016	
Chg Cost		MCPHERSON	TE-0410-01	Ped/Bike Path in the City of McPherson	PEDBI	0.0	T041(001)	U0480	40.00	\$505	\$202	CONST	2016	
Chg Cost		MCPHERSON	TE-0410-01	Ped/Bike Path in the City of McPherson	PEDBI	0.0	T041(001)	U0480	100.00	\$765	\$765	CONST	2016	
Chg Cost		MCPHERSON	TE-0410-01	Ped/Bike Path in the City of McPherson	PEDBI	0.0	T041(001)	U0480	100.00	\$1	\$1	PE	2016	
Chg Cost		BROWN	TE-0421-01	Streetscape Improvements in the City of Hiawatha	LNDBT	0.0	T042(101)	TA	80.00	\$1,142	\$914	CONST	2016	
Chg Cost		BROWN	TE-0421-01	Streetscape Improvements in the City of Hiawatha	LNDBT	0.0	T042(101)	U0310	20.00	\$1,142	\$228	CONST	2016	
Chg Cost		BROWN	TE-0421-01	Streetscape Improvements in the City of Hiawatha	LNDBT	0.0	T042(101)	U0310	100.00	\$86	\$86	PE	2016	
Add		ATCHISON	TE-0435-01	Streetscape on 800 Block of Commercial St in Atchison	LNDBT	0.3	T043(501)	TA	80.00	\$1,056	\$845	CONST	2017	
Add		ATCHISON	TE-0435-01	Streetscape on 800 Block of Commercial St in Atchison	LNDBT	0.3	T043(501)	U0040	20.00	\$1,056	\$211	CONST	2017	
Add		ATCHISON	TE-0435-01	Streetscape on 800 Block of Commercial St in Atchison	LNDBT	0.3	T043(501)	U0040	100.00	\$2	\$2	CONST	2017	
Add		MARSHALL	TE-0440-01	Crosswalk Enhancements for School and Park in Marysville	PEDBI	0.0	T044(001)	TA	80.00	\$109	\$87	CONST	2017	
Add		MARSHALL	TE-0440-01	Crosswalk Enhancements for School and Park in Marysville	PEDBI	0.0	T044(001)	U0470	20.00	\$109	\$22	CONST	2017	
Add		MARSHALL	TE-0440-01	Crosswalk Enhancements for School and Park in Marysville	PEDBI	0.0	T044(001)	U0470	100.00	\$5	\$5	CONST	2017	
Add		CHASE	TE-0441-01	Bridge St Restoration on Peral St in Cottonwood Falls	ROHTB	0.4	T044(101)	TA	80.00	\$717	\$574	CONST	2018	
Add		CHASE	TE-0441-01	Bridge St Restoration on Peral St in Cottonwood Falls	ROHTB	0.4	T044(101)	U0121	20.00	\$717	\$143	CONST	2018	
Add		CHASE	TE-0441-01	Bridge St Restoration on Peral St in Cottonwood Falls	ROHTB	0.4	T044(101)	U0121	100.00	\$60	\$60	CONST	2018	
Add		MCPHERSON	TE-0442-01	Valkommen Tr Phase 2 in the City of Lindsborg	PEDBI	1.4	T044(201)	TA	80.00	\$902	\$722	CONST	2018	
Add		MCPHERSON	TE-0442-01	Valkommen Tr Phase 2 in the City of Lindsborg	PEDBI	1.4	T044(201)	U0318	20.00	\$902	\$180	CONST	2018	
Add		MCPHERSON	TE-0442-01	Valkommen Tr Phase 2 in the City of Lindsborg	PEDBI	1.4	T044(201)	U0318	100.00	\$71	\$71	CONST	2018	
Add		MCPHERSON	TE-0443-01	Multi-Use Trail on Ave A/Centennial Dr in the City of McPherson	PEDBI	1.5	T044(301)	TA	80.00	\$1,378	\$1,102	CONST	2017	
Add		MCPHERSON	TE-0443-01	Multi-Use Trail on Ave A/Centennial Dr in the City of McPherson	PEDBI	1.5	T044(301)	U0480	20.00	\$1,378	\$276	CONST	2017	
Add		MCPHERSON	TE-0443-01	Multi-Use Trail on Ave A/Centennial Dr in the City of McPherson	PEDBI	1.5	T044(301)	U0480	100.00	\$112	\$112	CONST	2017	
Add		MARION	TE-0444-01	Main St Revitalization 1st to 5th St in Marion	LNDBT	0.3	T044(401)	TA	80.00	\$895	\$716	CONST	2017	

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DISPOSITION	ROUTE	COUNTY	KDOT PROJECT NUMBER	DESCRIPTION	WORK TYPE	LENGTH (Miles)	F/A PROJECT NUMBER	FUND CAT CODE	PRO-RATA	WORK PHASE ESTIMATE (\$1,000's)	FUNDS EXPECTED TO		WORK PHASE	PLANNED YEAR OBLIGATION
											OBLIGATE (\$1,000's)	OBLIGATE (\$1,000's)		
Add		MARION	TE-0444-01	Main St Revitalization 1st to 5th St in Marion	LNDBT	0.3	T044(401)	U0346	20.00	\$895	\$179	CONST	2017	
Add		MARION	TE-0444-01	Main St Revitalization 1st to 5th St in Marion	LNDBT	0.3	T044(401)	U0346	100.00	\$76	\$76	CONST	2017	
Add		COFFEY	TE-0446-01	Downtown Streetscape Improvements in the City of Lebo	LNDBT	0.1	T044(601)	TA	80.00	\$704	\$563	CONST	2017	
Add		COFFEY	TE-0446-01	Downtown Streetscape Improvements in the City of Lebo	LNDBT	0.1	T044(601)	U0302	20.00	\$704	\$141	CONST	2017	
Add		COFFEY	TE-0446-01	Downtown Streetscape Improvements in the City of Lebo	LNDBT	0.1	T044(601)	U0302	100.00	\$409	\$409	CONST	2017	
Add		FORD	TE-0449-01	Heritage District Landscaping on 5th Ave in Dodge City	LNDBT	0.3	T044(901)	TA	80.00	\$193	\$154	CONST	2017	
Add		FORD	TE-0449-01	Heritage District Landscaping on 5th Ave in Dodge City	LNDBT	0.3	T044(901)	U0170	20.00	\$193	\$39	CONST	2017	
Add		FORD	TE-0449-01	Heritage District Landscaping on 5th Ave in Dodge City	LNDBT	0.3	T044(901)	U0170	100.00	\$8	\$8	CONST	2017	
Add		FINNEY	TE-0450-01	Pioneer Pathway in Garden City	PEDBI	1.0	T045(001)	TA	80.00	\$308	\$246	CONST	2017	
Add		FINNEY	TE-0450-01	Pioneer Pathway in Garden City	PEDBI	1.0	T045(001)	U0240	20.00	\$308	\$62	CONST	2017	
Add		FINNEY	TE-0450-01	Pioneer Pathway in Garden City	PEDBI	1.0	T045(001)	U0240	100.00	\$44	\$44	CONST	2017	
Add		ALLEN	U-2308-01	Safe Routes to School in the city of Iola	PEDBI	0.5	U230(801)	TA	80.00	\$180	\$144	CONST	2017	
Add		ALLEN	U-2308-01	Safe Routes to School in the city of Iola	PEDBI	0.5	U230(801)	U0370	20.00	\$180	\$36	CONST	2017	
Add		ALLEN	U-2308-01	Safe Routes to School in the city of Iola	PEDBI	0.5	U230(801)	U0370	100.00	\$8	\$8	CONST	2017	
Add		CRAWFORD	U-2309-01	Safe Routes to School in the city of Pittsburg	PEDBI	0.5	U230(901)	TA	80.00	\$222	\$178	CONST	2017	
Add		CRAWFORD	U-2309-01	Safe Routes to School in the city of Pittsburg	PEDBI	0.5	U230(901)	U0570	20.00	\$222	\$44	CONST	2017	
Add		SUMNER	U-2310-01	Safe Routes to School in the city of Caldwell	PEDBI	0.1	U231(001)	SRTS	80.00	\$250	\$200	CONST	2018	
Add		SUMNER	U-2310-01	Safe Routes to School in the city of Caldwell	PEDBI	0.1	U231(001)	U0084	20.00	\$250	\$50	CONST	2018	
Add		SUMNER	U-2310-01	Safe Routes to School in the city of Caldwell	PEDBI	0.1	U231(001)	U0084	100.00	\$44	\$44	CONST	2018	
Add		GRAY	U-2311-01	Safe Routes to School in the city of Cimarron	PEDBI	0.0	U231(101)	SRTS	80.00	\$250	\$200	CONST	2017	
Add		GRAY	U-2311-01	Safe Routes to School in the city of Cimarron	PEDBI	0.0	U231(101)	U0102	20.00	\$250	\$50	CONST	2017	
Add		GRAY	U-2311-01	Safe Routes to School in the city of Cimarron	PEDBI	0.0	U231(101)	U0102	100.00	\$10	\$10	CONST	2017	
Chg FF/Cnvr AC		SUMNER	X-2912-01	UP RR Xing & W 80th St S at Perth	FLTSG	0.0	X291(201)	RRS	100.00	\$222	\$222	CONST	2016	
Add		LYON	X-2981-01	BNSF RR Xing & CR 200 3 Mi NE of Emporia	FLTSG	0.0	X298(101)	ACHSP	100.00	\$276	\$276	CONST	2016	
Add		LYON	X-2981-01	BNSF RR Xing & CR 200 3 Mi NE of Emporia	FLTSG	0.0	X298(101)	HSIP	100.00	\$276	\$276	CONST	2017	
Add		HARVEY	X-2982-01	BNSF RR Xing & N Rock Rd 1 Mi NE of Walton	FLTSG	0.0	X298(201)	ACHSP	100.00	\$301	\$301	CONST	2016	
Add		HARVEY	X-2982-01	BNSF RR Xing & N Rock Rd 1 Mi NE of Walton	FLTSG	0.0	X298(201)	HSIP	100.00	\$301	\$301	CONST	2017	
Add		HARVEY	X-2983-01	BNSF RR Xing & 24th St in Newton	FLTSG	0.0	X298(301)	ACHSP	100.00	\$326	\$326	CONST	2016	
Add		HARVEY	X-2983-01	BNSF RR Xing & 24th St in Newton	FLTSG	0.0	X298(301)	HSIP	100.00	\$326	\$326	CONST	2017	
Add		STAFFORD	X-2984-01	BNSF RR Xing & Prairie St in St. John	FLTSG	0.0	X298(401)	ACHSP	100.00	\$326	\$326	CONST	2016	
Add		STAFFORD	X-2984-01	BNSF RR Xing & Prairie St in St. John	FLTSG	0.0	X298(401)	HSIP	100.00	\$326	\$326	CONST	2017	
Add		SUMNER	X-2985-01	BNSF RR Xing & Dixon Rd 2 Mi E of Argonia	FLTSG	0.0	X298(501)	ACHSP	100.00	\$451	\$451	CONST	2016	
Add		SUMNER	X-2985-01	BNSF RR Xing & Dixon Rd 2 Mi E of Argonia	FLTSG	0.0	X298(501)	HSIP	100.00	\$451	\$451	CONST	2017	
Add		SUMNER	X-2986-01	BNSF RR Xing & Caldwell Rd 3 Mi W of Mayfield	FLTSG	0.0	X298(601)	ACHSP	100.00	\$451	\$451	CONST	2016	
Add		SUMNER	X-2986-01	BNSF RR Xing & Caldwell Rd 3 Mi W of Mayfield	FLTSG	0.0	X298(601)	HSIP	100.00	\$451	\$451	CONST	2017	
Add		SUMNER	X-2987-01	BNSF RR Xing & 120th N Ave 4 Mi NOW of Udall	FLTSG	0.0	X298(701)	ACHSP	100.00	\$301	\$301	CONST	2016	
Add		SUMNER	X-2987-01	BNSF RR Xing & 120th N Ave 4 Mi NOW of Udall	FLTSG	0.0	X298(701)	HSIP	100.00	\$301	\$301	CONST	2017	
Add		COWLEY	X-2988-01	BNSF RR Xing & 42nd Rd 2 Mi NW of Udall	FLTSG	0.0	X298(801)	ACHSP	100.00	\$301	\$301	CONST	2016	
Add		COWLEY	X-2988-01	BNSF RR Xing & 42nd Rd 2 Mi NW of Udall	FLTSG	0.0	X298(801)	HSIP	100.00	\$301	\$301	CONST	2017	
Add		BUTLER	X-2989-01	BNSF RR Xing & NE 140th St 1 Mi SW of Cassoday	FLTSG	0.0	X298(901)	ACHSP	100.00	\$301	\$301	CONST	2016	
Add		BUTLER	X-2989-01	BNSF RR Xing & NE 140th St 1 Mi SW of Cassoday	FLTSG	0.0	X298(901)	HSIP	100.00	\$301	\$301	CONST	2017	
Add		BUTLER	X-2990-01	BNSF RR Xing & Kickapoo Rd 3 Mi SW of El Dorado	FLTSG	0.0	X299(001)	ACHSP	100.00	\$351	\$351	CONST	2017	
Add		BUTLER	X-2990-01	BNSF RR Xing & Kickapoo Rd 3 Mi SW of El Dorado	FLTSG	0.0	X299(001)	HSIP	100.00	\$351	\$351	CONST	2018	
Add		BUTLER	X-2990-01	BNSF RR Xing & Kickapoo Rd 3 Mi SW of El Dorado	FLTSG	0.0	X299(001)	ACHSP	100.00	\$10	\$10	ROW	2016	

SEPTEMBER STIP AMENDMENT
 FEDERAL FISCAL YEAR 2016-2019 STIP
 All dollars in \$1,000's and some dollars may be rounded.

DISPOSITION	ROUTE	COUNTY	KDOT PROJECT		WORK TYPE	LENGTH (Miles)	F/A PROJECT NUMBER	FUND CAT CODE	PRO-RATA	WORK PHASE ESTIMATE (\$1,000's)	FUNDS EXPECTED TO OBLIGATE (\$1,000's)	WORK PHASE	PLANNED YEAR OBLIGATION
			NUMBER	DESCRIPTION									
Add		BUTLER	X-2990-01	BNSF RR Xing & Kickapoo Rd 3 Mi SW of El Dorado	FLTSG	0.0	X299(001)	HSIP	100.00	\$10	\$10	ROW	2017
Add		BUTLER	X-2991-01	BNSF RR Xing & 50th St 4 Mi SW of El Dorado	FLTSG	0.0	X299(101)	ACHSP	100.00	\$351	\$351	CONST	2017
Add		BUTLER	X-2991-01	BNSF RR Xing & 50th St 4 Mi SW of El Dorado	FLTSG	0.0	X299(101)	HSIP	100.00	\$351	\$351	CONST	2018
Add		BROWN	X-2992-01	UP RR Xing & 340th St 2 Mi N of Reserve	FLTSG	0.0	X299(201)	ACHSP	100.00	\$276	\$276	CONST	2016
Add		BROWN	X-2992-01	UP RR Xing & 340th St 2 Mi N of Reserve	FLTSG	0.0	X299(201)	HSIP	100.00	\$276	\$276	CONST	2017
Add		MORRIS	X-2993-01	UP RR Xing & S 3000 Rd 2.5 Mi SW of Latimer	FLTSG	0.0	X299(301)	ACHSP	100.00	\$261	\$261	CONST	2016
Add		MORRIS	X-2993-01	UP RR Xing & S 3000 Rd 2.5 Mi SW of Latimer	FLTSG	0.0	X299(301)	HSIP	100.00	\$261	\$261	CONST	2017
Add		BUTLER	X-2994-01	UP RR Xing & SW Adams Rd 1.5 Mi W of Towanda	FLTSG	0.0	X299(401)	ACHSP	100.00	\$236	\$236	CONST	2016
Add		BUTLER	X-2994-01	UP RR Xing & SW Adams Rd 1.5 Mi W of Towanda	FLTSG	0.0	X299(401)	HSIP	100.00	\$236	\$236	CONST	2017
Add		FORD	X-2995-01	UP RR Xing & 126 Rd 1 Mi NE of Kingsdown	FLTSG	0.0	X299(501)	ACHSP	100.00	\$256	\$256	CONST	2016
Add		FORD	X-2995-01	UP RR Xing & 126 Rd 1 Mi NE of Kingsdown	FLTSG	0.0	X299(501)	HSIP	100.00	\$256	\$256	CONST	2017
Add		WOODSON	X-2996-01	UP RR Xing & 150th Rd 4.5 Mi NE of Yates Center	FLTSG	0.0	X299(601)	ACHSP	100.00	\$231	\$231	CONST	2016
Add		WOODSON	X-2996-01	UP RR Xing & 150th Rd 4.5 Mi NE of Yates Center	FLTSG	0.0	X299(601)	HSIP	100.00	\$231	\$231	CONST	2017
Add		WILSON	X-2997-01	UP RR Xing & 700 Rd 4 Mi N of Neodesha	FLTSG	0.0	X299(701)	ACHSP	100.00	\$241	\$241	CONST	2016
Add		WILSON	X-2997-01	UP RR Xing & 700 Rd 4 Mi N of Neodesha	FLTSG	0.0	X299(701)	HSIP	100.00	\$241	\$241	CONST	2017
Add		MONTGOMERY	X-2998-01	UP RR Xing & 3600 Rd 4.5 Mi SW of Independence	FLTSG	0.0	X299(801)	ACHSP	100.00	\$231	\$231	CONST	2016
Add		MONTGOMERY	X-2998-01	UP RR Xing & 3600 Rd 4.5 Mi SW of Independence	FLTSG	0.0	X299(801)	HSIP	100.00	\$231	\$231	CONST	2017
Add		NEOSHO	X-2999-01	UP RR Xing & 60th Rd 5 Mi N of Parsons	FLTSG	0.0	X299(901)	ACHSP	100.00	\$241	\$241	CONST	2016
Add		NEOSHO	X-2999-01	UP RR Xing & 60th Rd 5 Mi N of Parsons	FLTSG	0.0	X299(901)	HSIP	100.00	\$241	\$241	CONST	2017

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/ Chg 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#	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 #	The state project number has changed or is being corrected.
Chg Scp	The project scope has been revised or corrected.
Chg Scope/ 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 the project/ project phase.

KDOT Cash-Flow Worksheet

KDOT - All Agency Funds					
(\$000)	2016	2017	2018	2019	FY 2016-2019
BEGINNING BALANCE	655,824	656,145	226,440	428,247	
Resources					
Motor Fuel Taxes	437,833	439,133	440,433	441,733	1,759,132
Sales & Compensating Tax	514,379	530,924	550,822	571,473	2,167,598
Registration Fees	206,000	206,000	206,000	206,000	824,000
Drivers Licenses Fees	7,090	7,090	7,090	7,090	28,360
Special Vehicle Permits	2,763	2,763	2,763	2,763	11,052
Interest on Funds	4,621	4,777	5,982	5,359	20,739
Misc. Revenues	18,843	14,920	10,487	10,530	54,780
Transfers:	4,813	21,201	1,401	1,401	28,816
Motor Carrier Property Tax	-	-	-	-	-
Transfers Out	(506,201)	(515,054)	(108,630)	(110,272)	(1,240,157)
Subtotal	690,141	711,754	1,116,348	1,136,077	3,654,320
Federal and Local Construction Reimbursement					
Federal Reimbursement - SHF	213,088	295,594	275,839	283,320	1,067,841
Local Construction - Federal	59,023	55,239	74,607	71,428	260,297
Local Construction - Local	19,121	18,088	33,019	24,392	94,620
Miscellaneous Federal Aid	33,147	36,866	36,525	36,730	143,268
Subtotal Federal & Local	324,379	405,787	419,990	415,870	1,566,026
Total before Bonding	1,014,520	1,117,541	1,536,338	1,551,947	5,220,346
Bond Sales (par)	488,243	-	-	-	488,243
Issue Costs/Premium/Discount/Acc Int.	-	-	-	-	-
Net from Bond Sales:	488,243	-	-	-	488,243
Net TRF Loan Transactions	5,074	5,087	2,974	2,660	15,795
TOTAL RECEIPTS	1,507,837	1,122,628	1,539,312	1,554,607	5,724,384
AVAILABLE RESOURCES	2,163,661	1,778,773	1,765,752	1,982,854	

The following revenue estimates are currently being used:

April 2016 State Consensus Revenue Estimating Group

November 2015 Highway Revenue Estimating Group

Debt Service updated December 2015

KDOT Cash-Flow Worksheet

EXPENDITURES:	2016	2017	2018	2019	FY 2016-2019
Maintenance	131,586	136,235	136,832	140,253	544,906
Construction					
Preservation	323,250	369,729	277,530	377,715	1,348,224
Modernization	23,808	33,443	24,378	48,898	130,527
Expansion & Enhancements	301,388	304,962	167,228	140,626	914,204
CE & PE	98,040	95,537	91,845	95,723	381,145
Total Construction	746,486	803,671	560,981	662,962	2,774,100
Modes					
Aviation	7,711	5,954	5,336	5,118	24,119
Public Transit	35,543	38,028	38,028	38,028	149,627
Rail	13,944	9,083	7,410	6,850	37,287
Total Modes	57,198	53,065	50,774	49,996	211,033
Local Support					
SC&CHF	147,224	147,674	148,111	148,548	591,557
Local Federal Aid Projects	84,959	57,663	81,413	74,199	298,234
Local Partnership Programs	74,567	70,666	79,955	66,176	291,364
City Connecting Links	3,360	3,360	3,360	3,360	13,440
Agency Operations	7,306	7,243	7,307	7,489	29,345
Other	11,940	12,772	10,781	9,584	45,077
Total Local Support	329,356	299,378	330,927	309,356	1,269,017
Administration & Transportation Planning	57,666	57,960	58,338	59,771	233,735
Buildings	6,188	7,128	7,435	7,621	28,372
Total	63,854	65,088	65,773	67,392	262,107
TOTAL before Debt Service	1,328,480	1,357,437	1,145,287	1,229,959	5,061,163
Debt Service	179,037	194,895	192,220	195,700	761,852
TOTAL EXPENDITURES	1,507,517	1,552,332	1,337,507	1,425,659	5,823,015
ENDING BALANCE	656,145	226,440	428,247	557,195	
Minimum Ending Balance Requirement	303,967	281,559	284,629	297,759	
AVAILABLE ENDING FUND BALANCE:	352,178	(55,119)	143,618	259,436	
	2016	2017	2018	2019	Total FY 2016-2019

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.



Flint Hills Metropolitan Planning Organization

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FHMPO@FlintHillsRegion.org

August 25, 2016

Rene Hart
KDOT Transportation Planning
700 SW Harrison St.
Topeka, KS 66603

Re: FHMPO 2016-2019 Transportation Improvement Program Amendment #

Dear Ms. Hart:

The Flint Hills Metropolitan Planning Organization (FHMPO) Policy Board approved Amendment #4 to the 2016-2019 Transportation Improvement Program (TIP) on August 24, 2016. The FHMPO is requesting KDOT's approval and its inclusion by reference into the Statewide Transportation Improvement Program.

A fifteen-day public comment period was held for the 2016-2019 TIP and no public comments were received.

If you have questions or need additional information regarding this letter, please contact me at (785) 845-9050 or Stephanie@FlintHillsRegion.org. The TIP may also be found on the FHMPO website at www.FlintHillsMPO.org.

Sincerely,

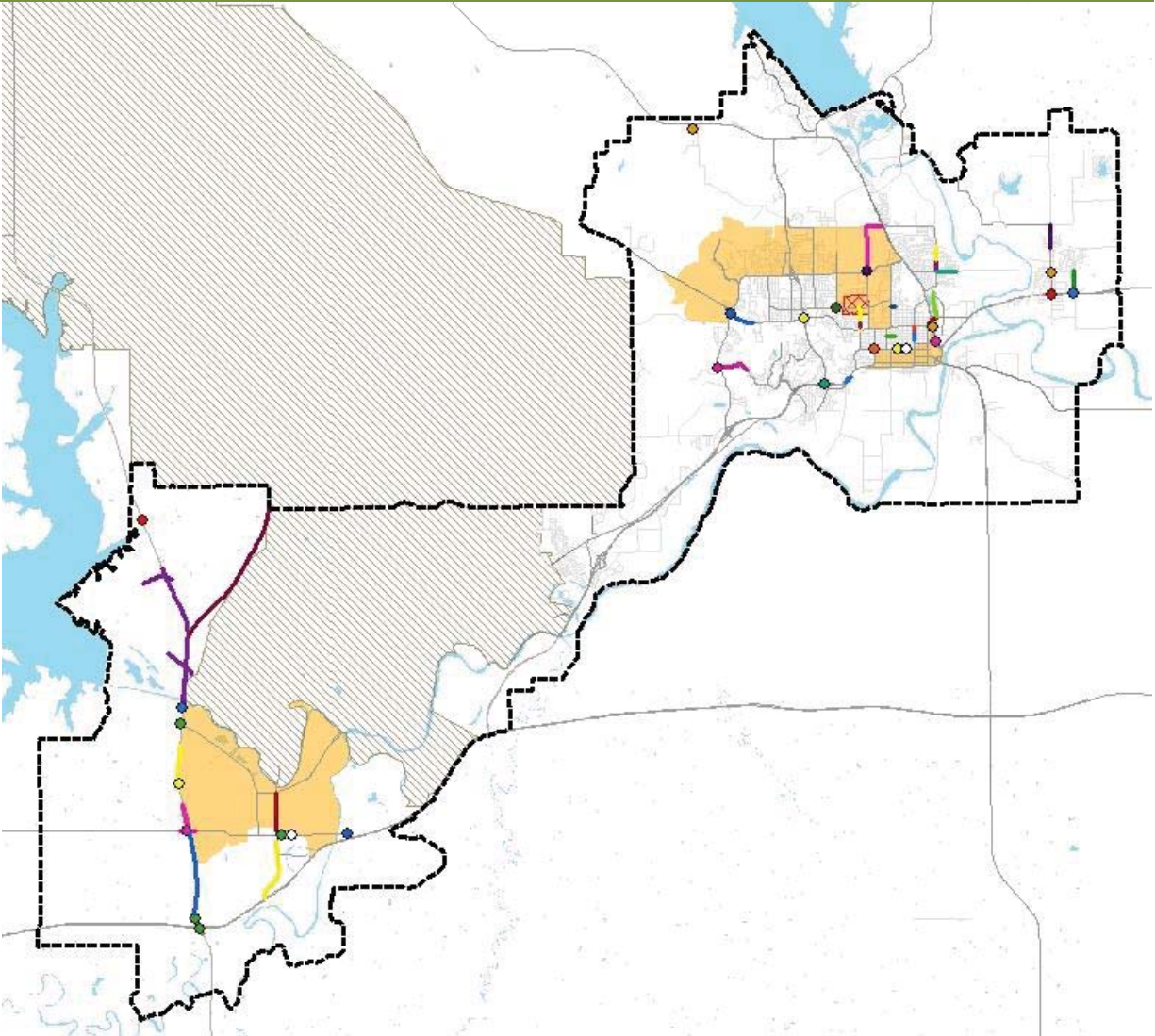
A handwritten signature in blue ink that reads "Stephanie Watts".

Stephanie Watts, AICP
Transportation Planning Manager

Enclosures: 2016-2019 TIP Amendment #4

Transportation Improvement Program

FFY 2016-2019



Amendment #4
Approved August 24, 2016



Flint Hills Metropolitan Planning Organization

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Title VI Note

The Flint Hills Metropolitan Planning Organization (FHMPO) 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, sex, or national origin, 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 FHMPO 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 FHMPO. Any such complaint must be in writing and filed with the FHMPO'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.FlintHillsMPO.org.

Disclaimer

The preparation of this report has been financed in part through funds from the Federal Highway Administration and Federal Transit Administration, U. S. Department of Transportation, under the Metropolitan Planning Program, Section 104(f) of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

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Introduction

What is the TIP?

The Transportation Improvement Program (TIP) is a federally required document and one of many tools used to implement the vision and goals of the Flint Hills Metropolitan Planning Organization (FHMPPO). The TIP contains all federally funded and/or regionally significant, multimodal, surface transportation projects that are to be implemented in the FHMPPO area during the next four years.

The TIP is a fluid document, updated at least every four years; however, the FHMPPO will update the TIP every two years with quarterly amendments to reflect project additions, removals, or changes.

The TIP must maintain fiscal constraint; meaning, only projects that have an identified funding source can be programmed in the TIP. There is further discussion of fiscal constraint under the “Fiscal Analysis” section.

Federal Fiscal Year (FFY):
The FFY is from October 1 through September 30

Appendix G contains a list of all programmed projects from Federal Fiscal Year (FFY) 2016-2019 within the FHMPPO planning boundary.

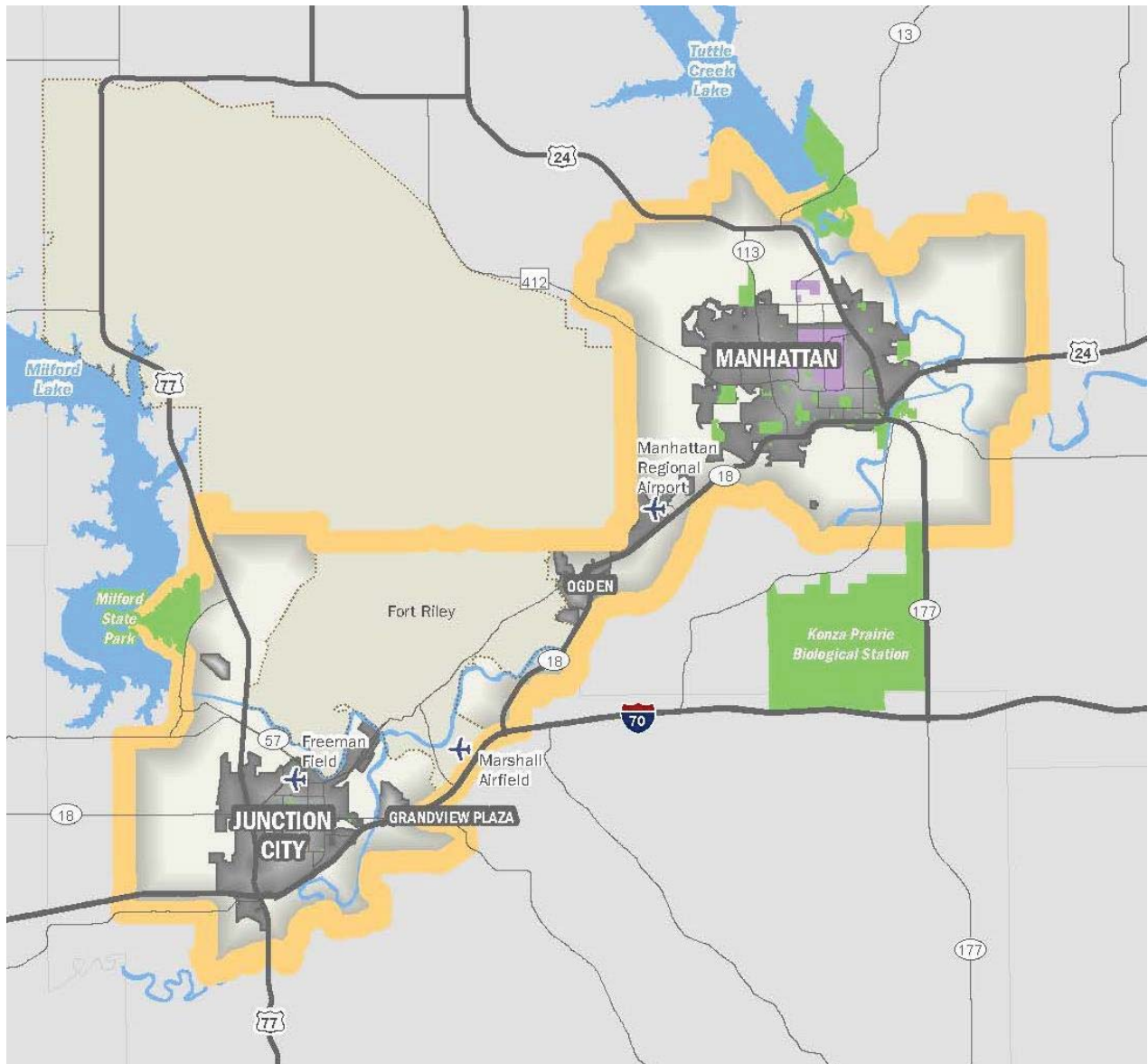
What is the FHMPPO?

The Flint Hills Metropolitan Planning Organization (FHMPPO) is the designated Metropolitan Planning Organization (MPO) for the Manhattan, Kansas Urbanized Area. The FHMPPO serves a much larger area than just the City of Manhattan; consisting of four cities (the Cities of Manhattan, Junction City, Ogden, and Grandview Plaza), portions of three counties (Riley, Pottawatomie, and Geary Counties), and the southern portion of Fort Riley Military Base.

The FHMPPO is comprised of a Technical Advisory Committee (TAC) and a Policy Board. The TAC is a staff-level committee, which provides technical support and recommendations to the FHMPPO Policy Board. The Policy Board is the decision-making body comprised mainly of local elected officials and a representative from KDOT.

A map of the FHMPPO planning area is in *Figure 1* on the following page.

Figure 1: FHMPO Planning Area Map

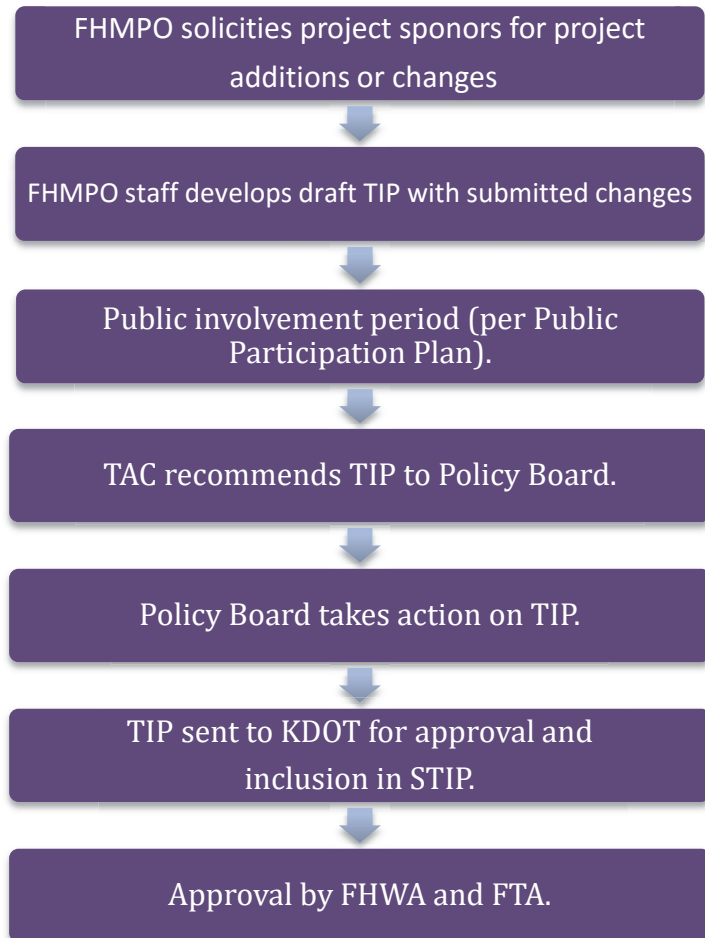


TIP Procedures

Process for Including Projects in the TIP?

Prior to a project being included in the TIP, the draft document must be posted for public comment, reviewed by the Technical Advisory Committee (TAC), and approved by the FHMPO Policy Board. After Policy Board approval, the TIP is sent to the Kansas Department of Transportation (KDOT) for approval by the Secretary. Projects in the metropolitan areas' TIPs are included by reference in the Statewide Transportation Improvement Program (STIP), which is the State's equivalent of a TIP, but includes all federally funded transportation projects throughout the state. KDOT sends the STIP to Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) for approval. Approval of the STIP by FHWA and FTA also serves as the TIP approval. **Figure 2** outlines the TIP approval process.

Figure 2: TIP Approval Diagram



TIP Amendments

Amendments to the TIP are processed once every quarter, if needed. Prior to each quarterly amendment, a notice will be sent out to all project sponsors notifying them of the upcoming amendment. The project sponsors will then have the opportunity to add, remove, or change a project. The amendment approval process will then follow the same procedures as depicted in **Figure 2**.

Whenever there is an amendment to the TIP, a summary of changes will be provided to highlight the modifications made to the project listing. Detailed procedures for the TIP amendment process and the associated public involvement process for the TIP amendments are outlined in the FHMPO Public Participation Plan (PPP).

Administrative Modifications

Administrative Modifications are minor revisions to the TIP that do not require public review and comment or approval from KDOT, FHWA, nor FTA. Revisions that meet any of the following criteria are considered Administrative Modifications:

- Revise a project description without changing the project scope;
- Revise the funding amount listed for projects or project phases. Additional funding is limited to 25% of the total project cost or \$5 million (whichever is less), based on the amount programmed in the original approved TIP;
- Decrease project cost;
- Change in source of federal funds;
- Conversion of state funds to federal funds for projects programmed previously as Advanced Construction;
- Change program year of project within the four-year TIP; or
- Split or combine individually listed projects, provided the cost, schedule, and scope remain unchanged.

Any revision or change not listed above must go through a formal TIP amendment.

Fiscal Analysis

Project Funding

Projects in the TIP are funded through various sources of Federal, State, and local funds. Regardless of the funding source, the TIP must be able to demonstrate fiscal constraint. This means there must be adequate local, state, and federal funds available, or can reasonably be expected to become available, to pay for all projects listed in the TIP.

Fiscal constraint:

Project costs do not exceed anticipated revenues and the region can fund all projects identified in the TIP.

Federal Funding Sources

The main source of federal funds for the FHMPO region is Surface Transportation Program (STP) funds. STP funds are distributed to every county in Kansas, as well as to cities with more than 50,000 people in the Census defined Urbanized Area. It should be noted that not all of the STP funds received by the counties are attributable to projects within the FHMPO boundary. All three counties have areas outside of the MPO and may elect to use STP funds on projects in those locations.

In addition to STP, there are also several opportunities to apply for other Federal funds; including, Transportation Alternatives (TA), Highway Safety Improvement Program (HSIP), and National Highway Performance Program (NHPP) funds.

Federal funding for transit and paratransit operations will generally be derived from transit urban and rural formula programs from FTA, such as; 5307, 5310 and 5311 funds. These funds are used for capital and operational expenses.

State Funds

The Kansas Department of Transportation (KDOT) is by far the largest financial investor in the FHMPO region’s transportation system. TWorks, the State’s 10-year, \$8 billion, multimodal transportation program, is expected to invest nearly \$240 million in the three-county area (Riley, Geary and Pottawatomie Counties) by 2020. The level of KDOT funding expended in the region varies greatly from year-to-year based on the number of projects, the scope of projects, and award of competitive funding (i.e. Geometric Improvement, City Connecting Link (KLINK), High Risk Rural Road, etc.).



For more information on the TWorks Program and projects, please visit: <http://kdotapp.ksdot.org/TWorks/Investments>.

Local Funds

Transportation investments are typically identified in the City or County’s Capital Improvements Program (CIP) for the upcoming fiscal year (with the exception of Geary County, which does not have a formal CIP). The following sources are dedicated to transportation investments for each jurisdiction.

Table 1: Local Revenue Sources

Jurisdiction	Source of Revenue	Average Amount/Year
City of Manhattan	*1/2 cent Sales Tax (City's share is 65%, but only 1/3 can be used for transportation)	\$200,000
Geary County	**Mill Levy (1 mill is typically set aside for transportation each year, but not a guarantee)	\$220,000
Riley County	*1/2 cent Sales Tax (County's share is 35%, earmarked for Roads and Bridges)	\$1,600,000
Pottawatomie County	**Special Highway Fund (Any remaining balance from Road & Bridge Fund at end of year is transferred to Special Highway Fund)	\$500,000

*The 1/2 cent sales tax is split between the City and County.

**Average between 2010-2014

The Cities and Counties use other revenue sources on the transportation system such as KDOT’s Federal Fund Exchange Program. The exchange rate for the program is \$0.90 of state

funds for every \$1.00 of local federal dollars exchanged. This program provides the jurisdictions with greater flexibility with how and where the funds can be used.

Advance Construction

The State often uses a practice known as Advance Construction (AC) to maximize the state's ability to utilize federal funds while still completing projects in a timely manner. AC allows the State to begin a project in one FFY using state funds, and then be reimbursed for eligible project costs with federal funds in a later FFY. In other words, the state must front the cost of the project in the year it is being AC'd with non-federal funds. Once federal funds are available, the state can be reimbursed with federal funds. The fiscal year that the State is reimbursed with federal funds is referred to as the conversion year. Projects using AC must be identified as doing so, along with the anticipated year of conversion.

Operations and Maintenance (O&M)

Operation and maintenance (O&M) activities are necessary to ensure the safety and efficiency of the existing transportation system. This consists of routine activities such as pothole patching, minor repairs to pavement and curbs, snow removal, striping and marking, mowing, signal repairs, sign replacement, and other minor work tasks. The expense related to this type of work is usually paid for by the local entities that own and operate the roadway. KDOT is responsible for maintaining the major highways running throughout the region. More information on O&M will be included after the completion of the FHMPO's Metropolitan Transportation Plan.

Year of Expenditure Inflation Factor

Federal regulations require that inflation be applied to transportation projects programmed in the future years of the TIP. Projects programmed in FFY 2017 through FFY 2019 of the TIP must reflect inflation to provide an estimate of costs incurred in the actual year of project activity. The estimated cost of the project multiplied by an inflation factor (4% compounded annually) yields the total cost of the project in Year of Expenditure (YOE) dollars. This allows both the local project sponsor and the MPO to have a more accurate account of the funding required to accomplish the projects programmed in the TIP. YOE is not applied to projects awarded competitive funding from the state (ex. Geometric Improvement, City Connecting Link, Safe Routes to School, Transportation Alternatives, etc.) or KDOT projects.

Demonstration of Fiscal Constraint

Federal law requires that the first four years of the TIP be financially constrained, as discussed above. The Funding Summary Table, in **Appendix A**, provides realistic costs and funding estimates for the projects in the TIP.

KDOT projects are considered financially constrained when submitted to the FHMPO staff for inclusion in the TIP, given the process the state undertakes when identifying statewide

projects. The locals, however, are asked to document fiscal constraint when submitting a new project for inclusion in the TIP or increasing the cost of an existing project.

Breakdown of Funding by Project Type

The projects included in the TIP are grouped into one of eight categories based on project type. Below are the eight categories as well as a brief description of each.

- Roadway Expansion: Increasing capacity of the roadway by adding travel lanes;
- Roadway Preservation: Maintaining the existing roadways (mill and overlay, brick street rehabilitation, resurfacing, etc);
- Bridge Rehabilitation/Replacement: Replacement or rehabilitation of existing bridges;
- Safety/Intersections: Projects that improve the safety of intersections and roadways, including geometric improvement projects, restriping, rumble strips, adding turn lanes or shoulders, etc.;
- Intelligent Transportation Systems (ITS): ITS related projects and technologies;
- Bicycle/Pedestrian: Projects adding or improving bicycle or pedestrian infrastructure and accommodations, including multi-use paths, bike lanes, pedestrian signals, etc.;
- Transit: Paratransit and transit activities (operating and capital purchases); and
- Railroad Crossings: Improvement related to railroad crossings.

The “project type” for each TIP project is included in the project tables in **Appendix G**. Please note that the “Funding Amount” shown in *Table 2* takes into account the total project cost from all years and phases; even those outside of the 2016-2019 TIP timeframe.

Table 2: Funding by Project Type

Project Type	Funding Amount*	Percentage of Total
Roadway Expansion	\$ 39,949,706	32.0%
Roadway Preservation	\$ 33,092,991	26.5%
Bridge Rehab/Replacement	\$ 24,158,000	19.4%
Transit	\$ 10,663,454	8.5%
Safety/Intersection	\$ 13,115,029	10.5%
Bicycle/Pedestrian	\$ 2,863,375	2.3%
Intelligent Transportation Systems	\$ 185,249	0.1%
Planning Study/PE	\$ 750,000	0.6%
Railroad Crossings	\$ -	0.0%
Total	\$ 124,777,804	100.0%

*Note: Includes all years and phases of projects.

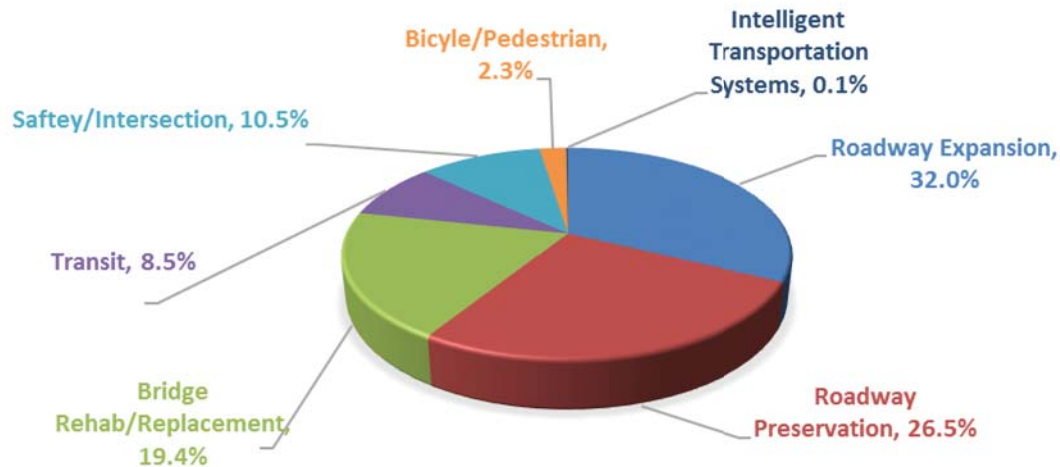


Figure 3: Project Type Funding Breakout

Major Projects

As per federal regulation, MPOs must list any major projects implemented from the previous TIP and identify any projects that experienced significant delays. The following provides a definition of each of the terms:

Roadways Projects (including intersections and bridges)

The major roadway projects implemented from the previous TIP will include projects located on roadways classified by the FHMPO as a collector or higher, with construction costs of at least \$2.0 million and that have at least one of the following attributes:

- Increased roadway capacity or decreased traffic congestion
- Significantly improved safety
- Replaced aging infrastructure or improved to current standards
- Resulted in significant delay and/or detour

Transit Facilities sand Services Projects

The major transit projects implemented from the previous TIP will include projects that have a total project 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 of new operations and/or maintenance buildings or expansion of existing buildings
- Initiation of new transit service of expansion of existing transit services into territory not previously served by transit

Bikeway and Pedestrian Projects

The major bikeway and pedestrian projects implemented from the previous TIP will include projects that meet at least one of the following:

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

Significant Delay

The FHMPO defines significant delay as a project that has experienced a delay by two or more years from the year it was initially programmed in the TIP.

Progress on Projects from Previous TIP

Using the definitions listed above, the following is a list of major projects that were implemented from the 2014-2017 TIP.

Table 3: Roadway projects (including bridges) Implemented

TIP#	Project Name	Location	Scope	Year	Cost
0-06-2014	McDowell Creek Road Reconstruction	McDowell Creek Rd: K-177 SW 3 miles	Safety Improvements to road by adding turn lanes and shoulders. Improve load carrying capacity of roadway.	2013-2014	\$6,200,000
1-07-2014	Casement Bridge and Roadway Improvements Phase I	Casement Rd: Marlatt Ave to Brookmont	Roadway Improvements, including new bridge over Marlatt Waterway	2013-2014	\$3,445,900
0-11-2014	US-24:North Jct US-24/K-13 Road Improvement	US-24: N Jct US-24/K-13 south to E. Jct US-24/K-177	Deep mill and inlay, includes 1.5 miles of 4-lane pavement replacement and the extension of turn lanes	2014	\$6,908,000
6-12-2014	US-24 and Excel Rd Turn lanes	US-24 at Excel Road	Construct turn lanes on US-24 at Excel Road	2015	\$745,000
6-14-2014	US-77: Lacy Dr to K-18 & K-18/Spring Valley Rd Intersection	US-77: Lacy Dr to K-18 & K-18/Spring Valley Rd	Reconstruct K-18/Spring Valley Rd intersection, Widen US-77 from US-77/K-18 Interchange S. to Lacy Dr. Intersection improvements US-77/Ash St. and US-77/McFarland Rd	2012-2015	\$7,452,800
4-26-2014	Manhattan Ave Roadway Expansion Phase I & II	N. Manhattan: Kimball to Research Park Dr	Phase II of roadway widening improvements and new traffic signal at Research Park Dr	2014-2015	\$2,150,000

Transit Facilities and Services Projects Implemented-no major projects

Bikeway and Pedestrian Projects Implemented-no major projects

Significant Delay-no projects experienced significant delays

Environmental Justice

Environmental Justice (EJ) is defined as the fair treatment and meaningful involvement of all people regardless of race, color, sex, national origin, or income with respect to the development, implementation, and enforcement of laws, regulations, and policies. The U.S. Department of Transportation requires that FHMPO make EJ part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of our programs, policies and activities on minority and/or low-income populations (collectively, "EJ populations"). The legal backbone of the federal EJ requirement is Title VI of the Civil Rights Act of 1964, which prohibits discrimination "on the basis of race, color, or national origin" in any "program or activity receiving federal financial assistance." **Three core EJ principles** defined by the U.S. Department of Transportation spell out the EJ goals for transportation planning and projects. The FHMPO and project sponsors work together to assure that the TIP process and the projects included within the TIP address these core principles.

Three core EJ principles:

- 1) Avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on EJ populations.
- 2) Prevent the denial, reduction, or delay in the receipt of benefits to EJ populations.
- 3) To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.

2016-2019 TIP EJ Analysis Methodology

Identifying EJ tracts

The first step in the EJ analysis process is to identify where low-income and minority populations live in the area. Census tracts are used to understand the demographics of this geographically large area. The FHMPO region consists of 21 census tracts; 12 in Riley County, 8 in Geary County, and 1 in Pottawatomie County. Individual census tracts are defined as EJ tracts if they meet certain **EJ criteria** regarding race, ethnicity, and/or household income. The data used to identify EJ tracts came from the 2011 American Community Survey (ACS).

EJ criteria

A Census tract is defined as an EJ tract if it meets at least one of the following two criteria:

1. The minority population is 20% or greater than the average for the respective area.
2. The median household income is at or below the Department of Health and Human Services' poverty threshold.

To identify the low-income tracts in the FHMPO region, the average household income was gathered for all 21 tracts within the Metropolitan Planning Area (MPA) boundary. The tracts that had average household incomes at or below the Department of Health and Human Service's poverty threshold are considered low-income EJ tracts.

To calculate the minority population threshold for the region, Manhattan and Junction City were evaluated separately given the significant differences in community demographics; however, the below methodology is consistent for both areas.

To calculate the average minority population, ACS data was collected for the Census tracts that were within the MPA boundary. Riley County and Pottawatomie County Census tracts were used to calculate the minority population average and threshold for the Manhattan area, while Geary County data was used to determine the Junction City area information.

The U.S. Department of Housing and Urban Development (HUD) defines a minority neighborhood as any neighborhood where the minority population is 20% or higher than the average neighborhood percentage. This methodology was implemented on a larger scale to determine the minority EJ threshold for each of the two areas. The average minority population from the Manhattan area and Junction City area were each multiplied by 20% to establish the minority population threshold.

The average minority population for the Manhattan area is 14.5%, making the minority threshold 17.4%. The average minority population for the Junction City area is 33.8%, resulting in a minority threshold of 40.6%.

After the minority thresholds were established for the two areas, Census tracts where the average minority population exceeded the threshold were designated as minority EJ tracts.

Mapping Projects

The second step is mapping the 2016-2019 TIP projects with the identified EJ tracts. This comparison allows the FHMPO to analyze the distribution of project types between EJ and non-EJ tracts.

EJ Analysis Results

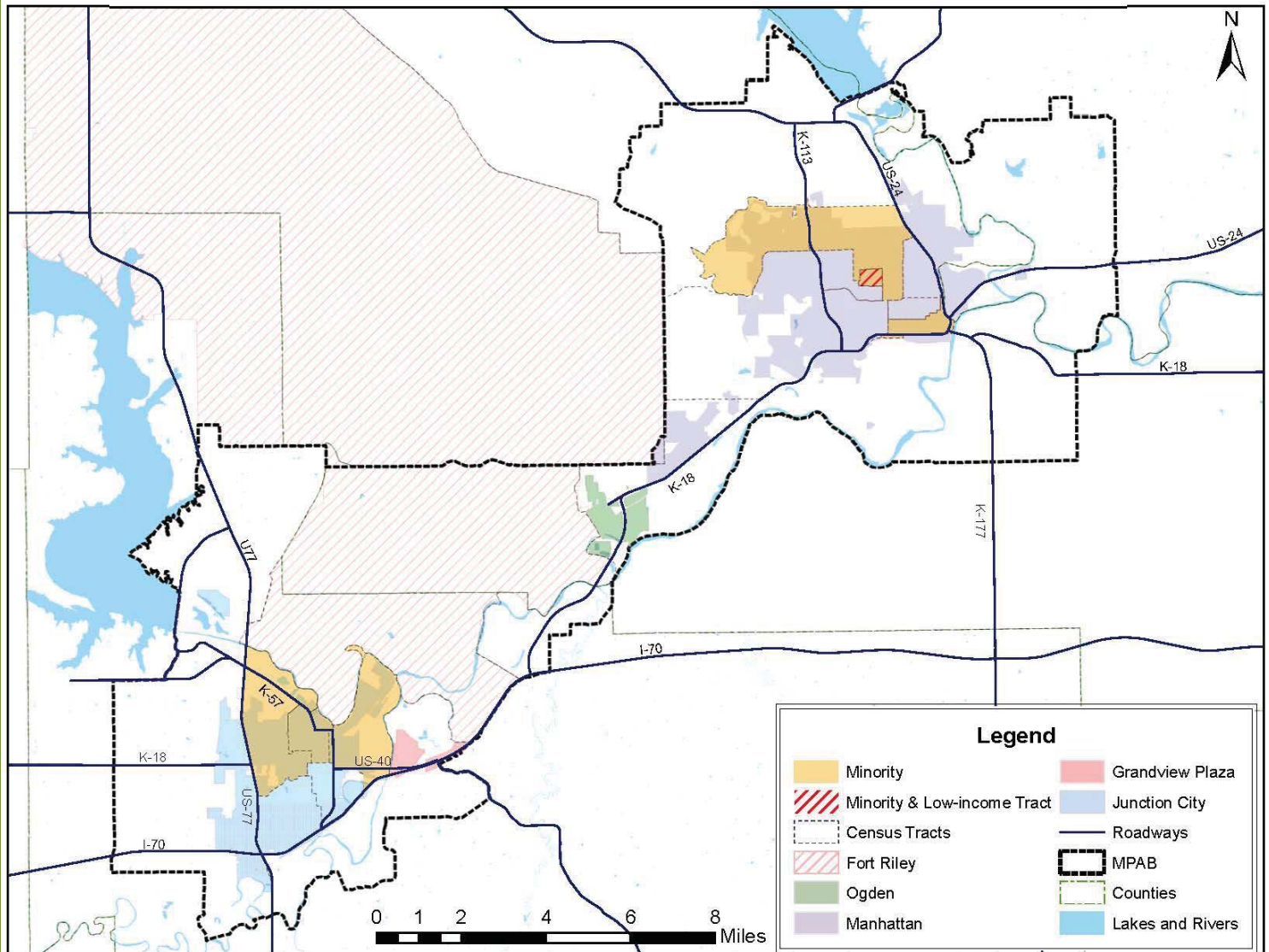
Low-income Tracts

Of the 21 tracts in the FHMPO area, only one is considered low-income (Tract 3.03 in Riley County). Tract 3.03 is located adjacent to Kansas State University (KSU) and mainly consists of rental units occupied by students and group housing, such as dormitories, Greek houses, and honors houses. In June of 2013, Katherine Nesse, a professor in the College of Architecture, Planning, and Design at Kansas State University, prepared a memorandum for the Manhattan Area Habitat for Humanity titled, "Median Income for the population of Riley County, excluding students." This memorandum highlights that the student population in Riley County significantly alters the median income for the county since the student population is roughly 1/3 of the total population. Students have lower median incomes reported than the general population since they often work only part-time, rely on loans, grants and/or parental financial support. For the purposes of EJ analysis, the FHMPO does not consider Tract 3.03 to meet the intent or definition of the low-income threshold.

Minority Tracts

As explained above, Manhattan and Junction City's minority populations were analyzed separately. There were three tracts in Manhattan area that exceeded the minority population threshold of 17.4% and three tracts in Junction City area that exceeded the established threshold of 40.6%, as identified in **Figure 4**.

Figure 4: Environmental Justice Census Tracts



Manhattan EJ Analysis

The Manhattan/Riley County/Pottawatomie County projects can be found in **Appendix E**. There are twenty-two (22) roadway projects, for a combined total of \$50.5 million dollars. Seven of these projects are located within, or adjacent to, the EJ areas (shown in **Table 4**) for a total improvement cost of \$20.0 million. Approximately 40.2% of the total roadway funding in the Manhattan Area will be invested in the EJ identified tracts.

Table 4: Roadway Projects in Manhattan EJ Tracts

Project Name	Project #	Total Cost (in 1000s)	Page Number
Marlatt & Denison Roadway Expansion	0-01-2016	\$ 9,150.0	G-1
Signal Upgrade: 11th & Poyntz Ave	4-03-2016	\$ 600.6	G-2
West Anderson Ave Expansion	4-08-2016	\$ 6,500.0	G-3
US-24 & Leavenworth GI Improvements	4-09-2016	\$ 439.0	G-3
ITS System Expansion--KSU Fiber Projects	0-24-2014	\$ 160.0	G-8
Kimball & Denison Intersection Improvements	0-25-2014	\$ 3,202.8	G-8
College Ave & Claflin Ave Signal Upgrade	0-34-2014	\$ 146.2	G-10

All of the projects above will enhance safety along roadways or at intersections. The expansion of Marlatt Avenue and Denison Avenue will improve access for vehicles, cyclists and pedestrians; as the project includes the addition of a center turn-lane, bicycle lanes, and sidewalk.

The Manhattan Area will invest in four bicycle/pedestrian projects; all of which are will improve connectivity by installing missing sidewalks/multiuse paths or improvements to the crosswalks.

Table 5: Bicycle and Pedestrian Projects in Manhattan EJ Tracts

Project Name	Project #
Claflin: N. Manhattan Ave to McCain Sidewalk	0-B1-2016
9th St & Poyntz Ave Pedestrian Improvements	4-B8-2016
Sunset Ave Corridor Improvements	4-B12-2016
US-24/Bluemont Ave. Crossing Improvements	0-25-2014

Based on the analysis above, there appears to be no disproportionate benefit or impact when comparing the types of projects or level of investment of projects located within EJ versus non-EJ tracts.

Junction City EJ Analysis

There are eleven (11) roadway projects in the Junction City/Geary County area programmed in the TIP, totaling \$60.8 million. Six (6) of these projects are located in or adjacent to the identified EJ tracts in Junction City, totaling \$51.0 million (as shown in **Table 6**). Approximately 84% of the funding spent on road and bridge projects will be spent in or adjacent to the EJ areas.

Two (2) of the projects adjacent to the EJ areas are located along the US-77 corridor, which runs north south on the western edge of Junction City. As depicted in **Appendix F**, this corridor serves as the western boundary of one of the three identified EJ tracts. All three US-77 projects include improving current capacity issues along the corridor, as well as addressing safety issues at intersections near and along US-77.

Table 6: Road and Bridge Projects within Junction City EJ Tracts

Project Name	Project #	Total Cost (in 1000s)	Page Number
KLINK: K-57 (Washington St) Resurfacing	1-02-2016	\$ 525.0	G-1
US-77 & K-18 Reconstruction and US-77/K-18 Interchange	0-03-2014	\$ 22,376.0	G-1
US-77/I-70 DDI & US-77 Improvements N. to US-77/K-57	0-15-2014	\$ 11,709.9	G-6
US-40 (6th St) and Franklin Street Intersection Improvements	0-21-2014	\$ 288.4	G-7
US-77 Bridge Replacement (Rush Creek Bridge)	1-31-2014	\$ 6,126.8	G-9
US-40 Bridge Replacement (UP Railroad and Monroe St)	0-32-2014	\$ 10,014.6	G-9

Junction City has one bicycle and pedestrian projects programmed in the 2016 TIP and it is located in an EJ tract. This multiuse path will provide a crucial link for bicyclists and pedestrians along K-18 in Junction City where sidewalks are currently absent.

Table 7: Bicycle and Pedestrian Projects within Junction City EJ Tracts

Project Name	Project #
K-18/8th Street: Spring Valley Road to Rucker Rd Multiuse Path	0-B6-2014

Based on the analysis above, there does not appear to be any disproportionate impacts when comparing the projects located within EJ versus non-EJ areas.

Appendix A: Funding Summary Table

Table 8: Funding Summary Table

Funding Source of Programmed Projects (in thousands)						
Funding Source	FFY 2016	FFY 2017	FFY 2018	FFY 2019	Total	
Federal Funds	FLAP	\$ 482.0	\$ -	\$ -	\$ -	\$ 482.0
	FTA 5307	\$ 959.3	\$ 1,243.5	\$ 857.8	\$ 857.8	\$ 3,918.4
	FTA 5310	\$ -	\$ 44.0	\$ -	\$ -	\$ 44.0
	FTA 5311	\$ 500.0	\$ -	\$ -	\$ -	\$ 500.0
	FTA 5316	\$ 139.0	\$ -	\$ -	\$ -	\$ 139.0
	FTA 5317	\$ 55.3	\$ -	\$ -	\$ -	\$ 55.3
	FTA 5339	\$ 328.0	\$ -	\$ -	\$ -	\$ 328.0
	HSIP	\$ 100.0	\$ 500.0	\$ -	\$ -	\$ 600.0
	NHPP	\$ 8,935.0	\$ 15,876.0	\$ 5,148.0	\$ 80.0	\$ 30,039.0
	STP	\$ -	\$ 1,280.0	\$ 1,040.0	\$ -	\$ 2,320.0
	TA	\$ 594.8	\$ 200.0	\$ 1,574.6	\$ -	\$ 2,369.4
	TOTAL	\$ 12,093.4	\$ 19,143.5	\$ 8,620.4	\$ 937.8	\$ 40,795.1
State	\$ 11,457.9	\$ (5,925.1)	\$ (5,271.0)	\$ 418.0	\$ 679.8	
Local	\$ 14,058.8	\$ 11,332.6	\$ 4,897.8	\$ 3,237.5	\$ 33,526.7	
Total	\$ 37,610.1	\$ 24,551.0	\$ 8,247.2	\$ 4,593.3	\$ 75,001.6	

FLAP-Federal Land Access Program

STP-Surface Transportation Program

HSIP-Highway Safety Improvement Program

TA-Transportation Alternatives

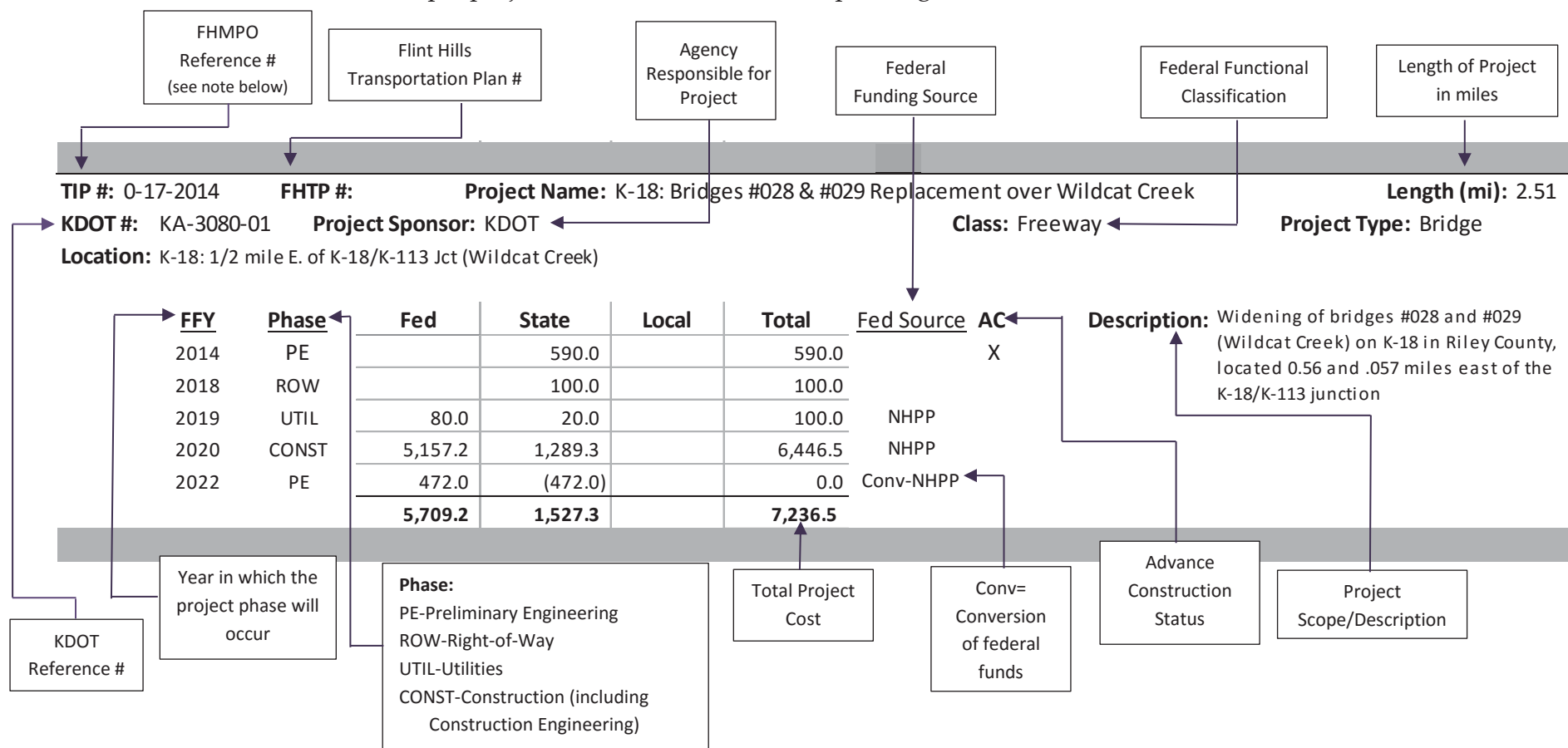
NHPP-National Highway Performance Program

Note: FTA transit funds in the FHMPPO region are typically only programmed for the current year of the TIP due to unknown funding amounts in future years (except for 5307 funds).

Anticipated Funding (in thousands)					
Funding Source	FFY 2016	FFY 2017	FFY 2018	FFY 2019	Total
Federal	\$ 17,343.8	\$ 19,143.5	\$ 28,891.0	\$ 80,000.0	\$ 145,378.3
State	\$ 18,276.7	\$ 16,079.4	\$ 405.0	\$ 138.0	\$ 34,899.1
Local	\$ 20,897.9	\$ 41,336.6	\$ 37,897.9	\$ 37,897.9	\$ 138,030.3
Total	\$ 56,518.4	\$ 76,559.5	\$ 67,193.9	\$ 118,035.9	\$ 318,307.7

Appendix B: TIP Project Listing Information

The projects listed in the TIP are broken down into four categories: Road and Bridge; Bicycle and Pedestrian; Transit and Para-tranist; and Railroad. Below is a sample project from the TIP to aid in explaining each field of the form.



Decoding the TIP

X-XX-201X The first digit identifies the most recent amendment to make changes to the project. A "0" means the project has not been modified since the original TIP document.

X-XX-201X The second set of numbers is the project number. This number never changes for a project.

X-XX-201X The last set of numbers indicates the year the project was first programmed in the TIP. The TIP is updated in even years (i.e. 2014, 2016, 2018).

Appendix C: Summary of Changes

Project #	Project Name	Year	Phase	Phase Cost	Total Cost	Funding	Description of Change	Page #
4-03-2016	Signal Upgrade: 11th & Poyntz Ave	2017	CONST	\$ 600.6	\$ 600.6	HSIP & Local	Change in Year and Cost	G-2
4-08-2016	West Anderson Ave Expansion	2016	CONST	\$ 6,500.0	\$ 6,500.0	Local	Remove Federal Funds and Increase Project Cost	G-3
4-09-2014	US-24 & Leavenworth GI Improvements	2017	CONST	\$ 419.0	\$ 439.0	State & Local	Project Addition	G-3
4-12-2016	TA: Juliette Ave. Phase 2 Brick Street Rehabilitation	2018	CONST	\$ 566.0	\$ 566.0	TA & Local	Project Addition	G-5
4-13-2016	17th St & Poyntz Intersection Improvements	2018	CONST	\$ 700.0	\$ 700.0	State & Local	Project Addition	G-5
4-14-2016	TA: Old Big Blue River Stormwater Management & Beautification, Phase V	2018	CONST	\$ 1,500.0	\$ 1,500.0	TA & Local	Project Addition	G-5
4-15-2016	Road Weather Information System (RWIS) Expansion	2016	CONST	\$ 21.0	\$ 21.0	Local	Project Addition	G-6
4-17-2014	K-18: Bridges #028 & #029 Replacement over Wildcat Creek	2020	CONST	\$ 6,502.6	\$ 7,292.6	NHPP & State	Change in Year	G-7
4-B5-2016	Manhattan/USD 383 Safe Routes to School Phase 2	2017	CONST	\$ 250.0	\$ 250.0	TA & Local	Project Addition	G-11
4-B7-2014	Knox Lane Bicycle and Pedestrian Path (TA)	2016	PE	\$ 1.0	\$ 281.0	Local	Project Addition	G-12
		2016	ROW	\$ 25.0	\$ 281.0	Local		
		2016	CONST	\$ 255.0	\$ 281.0	TA & Local		
4-B7-2016	City of Manhattan 2017 Bicycle & Pedestrian Improvements	2017	CONST	\$ 60.0	\$ 60.0	Local	Project Addition	G-12
4-B8-2014	Fremont Street Pedestrian Improvements	2017	PE	\$ 15.0	\$ 211.9	Local	Project Addition	G-12
		2017	CONST	\$ 196.9	\$ 211.9	5307 & Local		
4-B8-2016	9th St & Poyntz Ave Pedestrian Improvements	2017	CONST	\$ 60.0	\$ 60.0	Local	Project Addition	G-13
4-B9-2016	2016 Bike Boulevard Projects	2016	CONST	\$ 29.0	\$ 29.0	Local	Project Addition	G-13
4-B10-2016	Old Blue River Trail	2017	CONST	\$ 153.0	\$ 153.0	CDBG & Local	Project Addition	G-13

Project #	Project Name	Year	Phase	Phase Cost	Total Cost	Funding	Description of Change	Page #
4-B11-2016	Sunset Avenue Sidewalk	2016	CONST	\$ 50.0	\$ 50.0	Local	Project Addition	G-13
4-B12-2016	Sunset Ave Corridor Improvements	2017	CONST	\$ 115.5	\$ 115.5	Local	Project Addition	G-13
4-T5-2016	FHATA Rural Services Operating Assistance	2016	OPR	\$ 914.3	\$ 1,092.6	5311, State, & Local	Change in Cost	G-14
		2016	CAP	\$ 178.4	\$ 1,092.6	5311, State, & Local		
4-T7-2016	FHRTA Urban Transit Service Operating Expenses	2016	OPR	\$ 2,306.7	\$ 8,292.1	5307, State, & Local	Change in Cost	G-15
4-T17-2016	FHATA Crime Prevention & Security	2017	CAP	\$ 10.0	\$ 10.0	5307 & Local	Project Addition	G-15

Appendix D: Project Index

Manhattan Area Projects

Project Name	Project #	Total Cost (in 1000s)	Funding Source	Page Number
17th & Poyntz Intersection Improvements	4-13-2016	\$ 700.0	State & Local	G-5
Casement Rd Improvement Phase II	0-20-2014	\$ 2,431.7	Local	G-7
Casement Rd Improvement Phase III	0-23-2014	\$ 1,601.9	Local	G-7
College Ave and Claflin Ave Signal Upgrade	0-34-2014	\$ 146.2	HSIP & Local	G-10
Excel Road Capacity Improvements	1-05-2016	\$ 2,727.9	Local	G-2
Green Valley Rd & Elk Creek Rd. Intersection and Bridge Improvements	0-16-2014	\$ 724.0	Local	G-6
Green Valley Road Extension	2-10-2016	\$ 3,361.0	Local	G-4
ITS System Expansion--KSU Fiber Projects	0-24-2014	\$ 164.2	Local	G-8
Juliette Ave Brick Rehabilitation	0-28-2014	\$ 797.6	TA & Local	G-8
K-18 & K-113 GI Improvements (KA-3042-01)	0-13-2014	\$ 3,206.3	State & Local	G-5
K-18: Bridges #028 & #029 Riley County (KA-3080-01)	4-17-2014	\$ 7,292.6	NHPP & State	G-7
Kimball & Denison Intersection Improvements	0-25-2014	\$ 3,202.8	Local	G-8
Marlatt & Denison Roadway Expansion	0-01-2016	\$ 9,442.3	Local	G-1
Miller Parkway Expansion	2-09-2016	\$ 2,675.0	STP & Local	G-4
Road Weather Information System Expansion	4-15-2016	\$ 21.0	Local	G-6
Signal Upgrad: 11th Street & Poyntz Ave	4-03-2016	\$ 606.6	HSIP	G-2
TA: Juliette Ave. Phase 2 Brick Street Rehabilitation	4-12-2016	\$ 566.0	TA & Local	G-5
TA: Old Big Blue River Stormwater Management & Beautification, Phase V	4-14-2016	\$ 1,500.0	TA & Local	G-5
US-24 & Excel Rd Turn Lanes (KA-2261-01)	1-12-2014	\$ 966.7	State & Local	G-4
US-24 & Green Valley Road Intersection	2-11-2016	\$ 1,400.0	Local	G-4
US-24 & Leavenworth GI Improvements (KA-2609-01)	4-09-2014	\$ 439.0	State & Local	G-3
West Anderson Ave Expansion	4-08-2016	\$ 6,500.0	Local	G-3

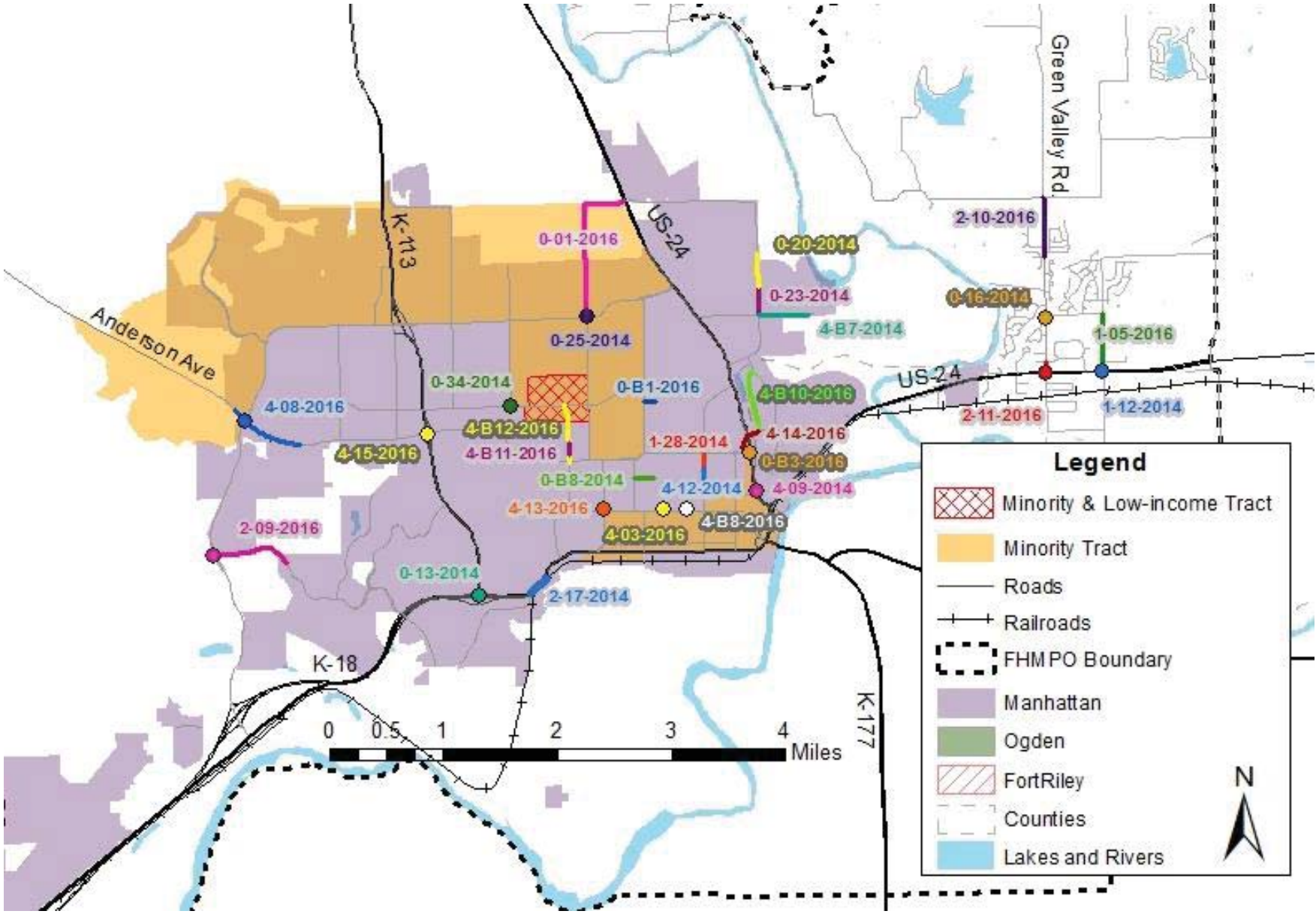
Junction City Area Projects

Project Name	Project #	Total Cost (in 1000s)	Funding Source	Page Number
KLINK: K-57 (Washington St) Resurfacing	1-02-2016	\$ 525.0	State & Local	G-1
KLINK: US-40 Business from Chestnut to I-70	1-07-2016	\$ 411.4	State & Local	G-3
K-57 and J Hill Road GI Improvements	1-30-2014	\$ 665.0	State	G-8
Old Highway 77 Overlay and Pavement Marking	0-33-2014	\$ 482.0	FLAP	G-9
US-40 (6th St) and Franklin Street Intersection Improvements--GI (KA-3549-01)	0-21-2014	\$ 288.4	State & Local	G-7
US-40 Bridge Replacement (UP Railroad and Monroe St)	0-32-2014	\$ 10,014.6	STP & State	G-9
US-77 Corridor Management Plan (KA-2367-01)	1-06-2016	\$ 750.0	STP & State	G-3
US-77 & K-18 Reconstruction and US-77/K-18 Interchange (KA-2367-04)	2-03-2014	\$ 22,376.0	STP, NHPP & State	G-1
US-77 Bridge Replacement (Rush Creek Bridge) (KA-3953-01)	2-31-2014	\$ 6,126.8	NHP & State	G-9
US-77 Reconstruction from Old Milford Rd to N Jct US-77/K-57 (KA-2367-05)	1-04-2014	\$ 7,935.0	STP, NHPP & State	G-2
US-77/I-70 DDI & US-77 Improvements N. to US-77/K-57	1-15-2014	\$ 11,210.0	NHPP & State	G-6

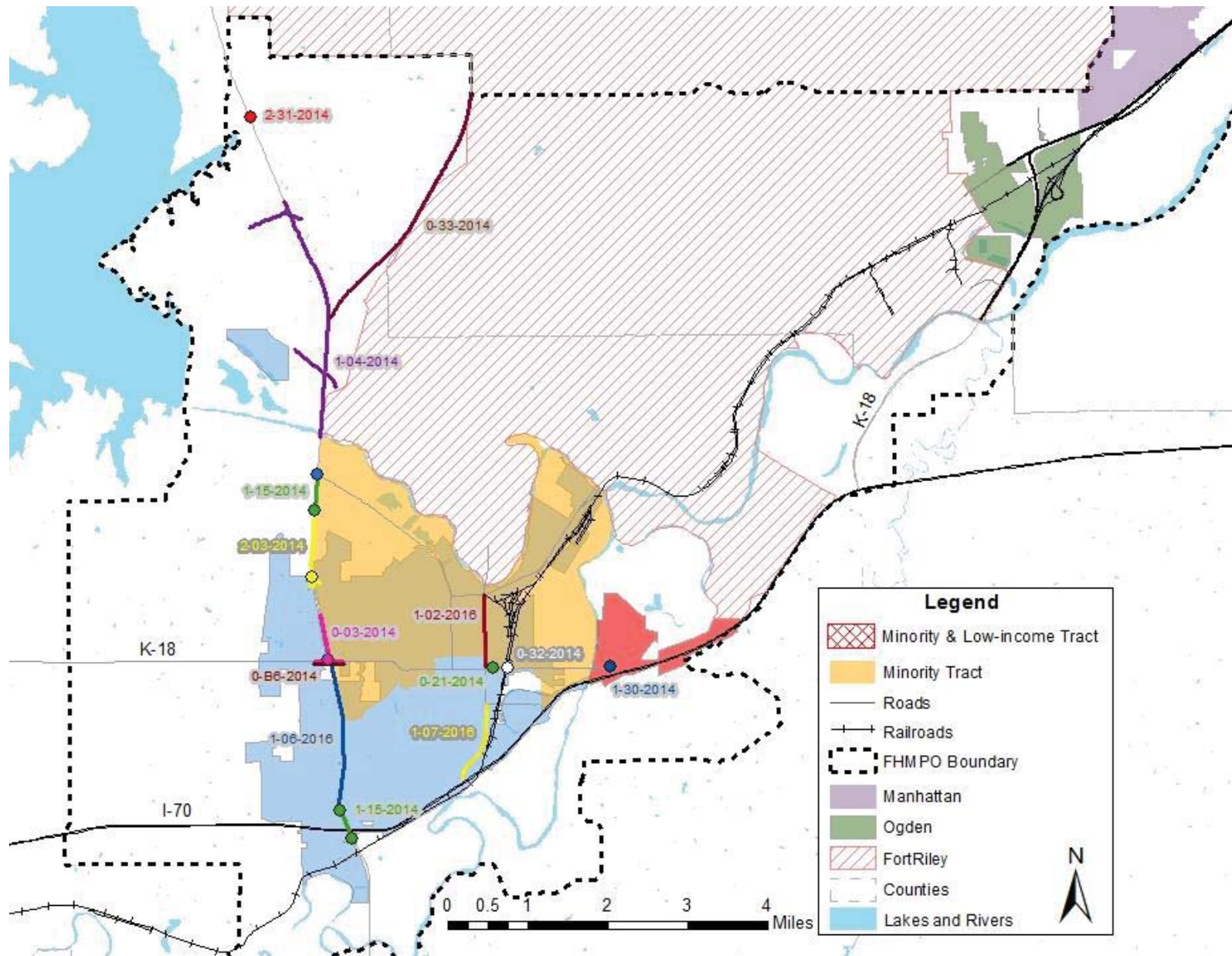
Bike & Pedestrian Projects..... G-11

Transit Projects..... G-14

Appendix E: Map of Manhattan Area



Appendix F: Map of Junction City Area



Appendix G: Project Listing

Road and Bridge Projects

TIP #: 0-01-2016 **FHTP #:** 15 & 14 **Project Name:** Marlatt/Denison Expansion Project **Length (mi):** 1.30
KDOT #: **Project Sponsor:** Riley County/City of Manhattan **Class:** Minor Arterial **Project Type:** Expansion
Location: Marlatt Ave: Tuttle Creek Blvd to Denison Ave & Denison Ave: Marlatt Ave to Kimball Ave **Bike/Ped?** Yes **ITS?** No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2016	PE			725.0	725.0			Notes: Expand roadway from 2-lane to 3-lane with bike lanes and sidewalk. Project will link linear trail around the City of Manhattan. Project cost will roughly be split 60/40 (County/City). Route has been identified as truck route for NBAF
2016	ROW			50.0	50.0			
2016	UTIL			25.0	25.0			
2017	CONST			8,642.3	8,642.3			
			-	9,442.3	9,442.3			

TIP #: 1-02-2016 **FHTP #:** N/A **Project Name:** KLINK: K-57 (Washington St) Resurfacing **Length (mi):** 0.57
KDOT #: U-0750-01 **Project Sponsor:** City of Junction City **Class:** Minor Arterial **Project Type:** Preservation
Location: K-57/Washington Street: 6th Street to 14th Street **Bike/Ped?** No **ITS?** No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2017	CONST		262.5	262.5	525.0			Mill and overlay
			262.5	262.5	525.0			

TIP #: 2-03-2014 **FHTP #:** **Project Name:** Reconstruction of US-77, US-77/K-18 Interchange and of K-18 **Length (mi):** 1.47
KDOT #: KA-2367-04 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Preservation
Location: US-77: K-18 to Rucker Rd, Improvements on K-18 **Bike/Ped?** No **ITS?** No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2012	PE		1,600.0		1,600.0		X	Notes: PE, UTIL and Const being AC'd, to be converted in 2018.
2014	ROW		200.0		200.0			
2015	UTIL		2,000.0		2,000.0		X	
2016	CONST		17,845.0		17,845.0		X	
2017	PE	1,280.0	(1,280.0)		-	Conv-STP		
2017	UTIL	1,600.0	(1,600.0)		-	Conv-NHPP		
2017	CONST	14,276.0	(13,545.0)		731.0	Conv-NHPP		
		17,156.0	5,220.0		22,376.0			

TIP #: 4-03-2016 **FHTP #:** **Project Name:** Signal Upgrade: 11th & Poyntz Ave **Length (mi):** 0.00
KDOT #: U-0541-01 **Project Sponsor:** City of Manhattan **Class:** Maj Collector **Project Type:** Safety
Location: Intersection of 11th Street and Poyntz Ave **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	CONST	500.0		100.6	600.6	HSIP		Upgrade NB/SB traffic signal to poles with mast arms
		500.0	-	100.6	600.6			

TIP #: 1-04-2014 **FHTP #:** **Project Name:** US-77 Reconstruction from S of Old Milford Rd to N Jct K-57 **Length (mi):** 2.50
KDOT #: KA-2367-05 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Preservation
Location: US-77: .3 mi S of US-77/Old Milford Rd to N Jct US-77/K-57 **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2012	PE		1,300.0		1,300.0		X	Reconstruct US-77 to a 2-Lane on 4-Lane ROW. Includes realignment of Old Milford Road, Quarry Road, Rifle Range Road and the connection with Old US-77. Intersection improvements as funding allows Notes: PE, UTIL and Const being AC'd, to be converted in 2018
2015	ROW		200.0		200.0			
2016	UTIL		200.0		200.0		X	
2017	CONST		6,235.0		6,235.0		X	
2018	PE	1,040.0	(1,040.0)		-	Conv-STP		
2018	UTIL	160.0	(160.0)		-	Conv-NHPP		
2018	CONST	4,988.0	(4,988.0)		-	Conv-NHPP		
		6,188.0	1,747.0		7,935.0			

TIP #: 1-05-2016 **FHTP #:** **Project Name:** Excel Road Capacity Improvements **Length (mi):** 0.00
KDOT #: **Project Sponsor:** Pottawatomie County **Class:** Local **Project Type:** Capacity
Location: Excel Road: US-24 to Elk Creek Rd **Bike/Ped?** Yes **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	PE			70.7	70.7			3-lane Excel Road, including a sidewalk to the west side of Excel.
2015	ROW			78.4	78.4			
2016	CONST			2,578.8	2,578.8			
				2,727.9	2,727.9			

TIP #: 1-06-2016 **FHTP #:** **Project Name:** US-77 Corridor Management Plan **Length (mi):** 8.0
KDOT #: KA-2367-01 **Project Sponsor:** KDOT **Class:** OPA **Project Type:** Study
Location: US-77: I-70 to North Junction US-77/K-57 **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	PE		750.0		750.0		X	Development of a 4-lane expressway and construction improvement list. Project Authorized for PE only.
2022	PE	600.0	(600.0)		0.0	Conv-STP		
		600.0	150.0		750.0			

TIP #: 1-07-2016 **FHTP #:** **Project Name:** KLINK: US-40 Business from Chestnut to I-70 **Length (mi):** 1.03
KDOT #: U-0294-01 **Project Sponsor:** Junction City **Class:** Minor Arterial **Project Type:** Preservation
Location: US-40 Bus: Chestnut St to I-70 **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	CONST		205.7	205.7	411.4			Mill and overlay. FY 2016 KLINK Funds
			205.7	205.7	411.4			

TIP #: 4-08-2016 **FHTP #:** **Project Name:** West Anderson Ave Expansion **Length (mi):** 0.93
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Expansion
Location: Anderson Ave: Anneberg Park Entrance to 1400 ft West of Scenic Drive **Bike/Ped?** Yes **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2009	PE			500.0	500.0			Expansion of W. Anderson Ave to 3-lane section, roundabout at the intersection of Scenic Drive and Anderson, 10' multiuse trail on south side, and 5' sidewalk on north
2016	CONST			6,000.0	6,000.0			
		-	-	6,500.0	6,500.0			

TIP #: 4-09-2014 **FHTP #:** **Project Name:** US-24 & Leavenworth GI Improvements **Length (mi):** 0.65
KDOT #: KA-2609-01 **Project Sponsor:** KDOT **Class:** Principal Arterial **Project Type:** Safety
Location: Intersection of US-24 & Leavenworth St **Bike/Ped?** Yes **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2014	PE			20.0	20.0			Safety and capacity improvements at the intersection
2016	CONST		216.0	203.0	419.0			
		-	216.0	223.0	439.0			

TIP #: 2-09-2016 **FHTP #:** 36 **Project Name:** Miller Parkway Connection **Length (mi):** 0.65
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Urban Collector **Project Type:** Expansion
Location: Miller Parkway: Current terminus, west to Scenic Drive **Bike/Ped?** Yes **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2007	PE			175.0	175.0			Expansion of Miller Parkway to Scenic Drive. Includes traffic signal at Scenic Drive intersection, bicycle lanes, and sidewalks
2016	CONST			2,500.0	2,500.0			
		-	-	2,675.0	2,675.0			

TIP #: 2-10-2016 **FHTP #:** 54 **Project Name:** Green Valley Road Extension **Length (mi):** 0.40
KDOT #: **Project Sponsor:** Pottawatomie County **Class:** Principal Arterial **Project Type:** Expansion
Location: Green Valley Road: Nellie Dr to Junietta Rd. **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			250.0	250.0			Extend the concrete paving of Green Valley Road from where it currently transitions from concrete to gravel, north to the intersection of Junietta Rd.
2016	ROW			500.0	500.0			
2016	UTIL			150.0	150.0			
2016	CONST			2,461.0	2,461.0			
			-	3,361.0	3,361.0			

TIP #: 2-11-2016 **FHTP #:** 49 **Project Name:** US-24 & Green Valley Road Intersection Improvements **Length (mi):** 0.20
KDOT #: **Project Sponsor:** Pottawatomie County **Class:** Urban Collector **Project Type:** Intersection
Location: Intersection of US-24 & Green Valley Road **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			100.0	100.0			Add additional EB left-turn lane on US-24 and widen Green Valley Road, along with signal modifications
2016	ROW			50.0	50.0			
2016	CONST			1,400.0	1,400.0			
			-	1,400.0	1,400.0			

TIP #: 1-12-2014 **FHTP #:** **Project Name:** US-24 and Excel Rd Turn Lanes **Length (mi):** 0.00
KDOT #: KA-2261-01 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Safety
Location: US-24 & Excel Road Intersection **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	PE			120.8	120.8			Add turn lanes on US-24 at Excel Road and widen Excel Road to Elk Creek Road
2015	ROW			100.9	100.9			
2016	CONST		745.0	-	745.0			
			745.0	221.7	966.7			

TIP #: 4-12-2016 **FHTP #:** **Project Name:** TA: Juliette Ave. Phase 2 Brick Street Rehabilitation **Length (mi):**
KDOT #: **Project Sponsor:** City of Manhattan **Class:** **Project Type:** Preservation
Location: Juliette Ave: Laramie St. to Osage St. Bike/Ped? No ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2018	CONST	452.6		113.4	566.0	TA		Remove existing bricks, rehab roadway base, and reinstall salvaged bricks.
		452.6	-	113.4	566.0			

TIP #: 0-13-2014 **FHTP #:** **Project Name:** K-18 & K-113 Intersection Improvements **Length (mi):** 0.16
KDOT #: KA-3042-01 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Safety
Location: K-113 & K-18 Intersection Bike/Ped? No ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	PE			323.4	323.4			Address capacity issues with south bound traffic on K-113 heading eastbound on K-18
2015	ROW			2.0	2.0			
2015	UTIL			28.0	28.0			
2017	CONST		2,183.7	669.2	2,852.9			Notes: Includes a study and intersection improvements
			2,183.7	1,022.6	3,206.3			

TIP #: 4-13-2016 **FHTP #:** **Project Name:** 17th St & Poyntz Intersection Improvements **Length (mi):** 0.25
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Urban Collector **Project Type:** Safety
Location: 17th St & Poyntz Intersection Bike/Ped? Yes ITS? Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2018	CONST		300.0	400.0	700.0			Intersection improvements including new left turn lanes for north and south bound traffic. Upgrad signal and adjust signal phasing.
		-	300.0	400.0	700.0			

TIP #: 4-14-2016 **FHTP #:** **Project Name:** TA: Old Big Blue River Stormwater Management & Beautification, Phase V **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Freeway **Project Type:** Safety
Location: Old Big Blue River/Pretty Ditch at McCall and Tuttle Creek Blvd Bike/Ped? Yes ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2018	CONST	1,122.0		378.0	1,500.0	TA		Extend stormwater infrastructure north of McCall Rd, add a 10-foot multi-use trail along McCall Rd and North 3rd St. and a pedestrian crossing across Tuttle Creek Blvd at McCall to 3rd St.
		1,122.0	-	378.0	1,500.0			

TIP #: 1-15-2014 **FHTP #:** **Project Name:** Reconstruction of US-77: I-70 DDI, Intersections at Rucker Rd and Lacy **Length (mi):** 1.40
KDOT #: KA-2367-02 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Expansion
Location: US-77/I-70 & US-77 between Rucker Rd and US-57 **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2014	PE	836.0	84.0		920.0	STP		Description: Construct 4-lanes on US-77, a DDI at I-70, reconstruct intersections at US-77 & Lacy Dr/Goldenbelt Blvd. and US-77 & Rucker Rd. Notes: 2014 TIP#: 6-15-2014
2014	ROW		200.0		200.0			
2014	UTIL		200.0		200.0		X	
2015	CONST		9,890.0		9,890.0		X	
2016	UTIL	160.0	(160.0)		-	Conv-NHPP		
2016	CONST	8,775.0	(8,775.0)		-	Conv-NHPP		
		9,771.0	1,439.0		11,210.0			

TIP #: 4-15-2016 **FHTP #:** **Project Name:** Road Weather Information System (RWIS) Expansion **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Safety
Location: Anderson & K-113 **Bike/Ped?** No **ITS?** Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	CONST			21.0	21.0			Description: Expansion of RWIS system tied into ITS network along K-113
		-	-	21.0	21.0			

TIP #: 0-16-2014 **FHTP #:** **Project Name:** Green Valley/Elk Creek Rd. Intersection and Bridge Improvements **Length (mi):** 0.30
KDOT #: **Project Sponsor:** Pottawatomie County **Class:** Rural Major Collector **Project Type:** Bridge
Location: Green Valley Rd and Elk Creek Rd Intersection **Bike/Ped?** No **ITS?** No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2014	PE			118.0	118.0			Description: Rehab bridge on Green Valley Road and add an additional lane and bike/pedestrian crossing Notes: Project also include realigning Elk Creek Rd
2014	ROW			40.0	40.0			
2015	UTIL			26.0	26.0			
2016	CONST			540.0	540.0			
				724.0	724.0			

TIP #: 4-17-2014 **FHTP #:** 78 **Project Name:** K-18: Bridges #028 & #029 Replacement over Wildcat Creek **Length (mi):** 2.51
KDOT #: KA-3080-01 **Project Sponsor:** KDOT **Class:** Freeway **Project Type:** Bridge
Location: K-18: 1/2 mile E. of K-18/K-113 Jct (Wildcat Creek) Bike/Ped? Yes ITS? No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2014	PE		590.0		590.0		X	Widening of bridges #028 and #029 (Wildcat Creek) on K-18 in Riley County, located 0.56 and .057 miles east of the K-18/K-113 junction Notes: Authorized for PE only
2018	ROW		100.0		100.0			
2019	UTIL	80.0	20.0		100.0	NHPP		
2020	CONST	5,202.1	1,300.5		6,502.6	NHPP		
2022	PE	472.0	(472.0)		0.0	Conv-NHPP		
		5,754.1	1,538.5		7,292.6			

TIP #: 0-20-2014 **FHTP #:** 20 **Project Name:** Casement Rd. Improvements Phase II **Length (mi):** 0.38
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Expansion
Location: Casement Rd: Brookmont to Griffith Bike/Ped? Yes ITS? No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2018	PE			214.2	214.2			Widen roadway and add multi-use path. Notes: Phase 2 of 3
2019	CONST			2,217.4	2,217.4			
				2,431.7	2,431.7			

TIP #: 0-21-2014 **FHTP #:** **Project Name:** US-40 (6th St) & Franklin Intersection Improvements (GI) **Length (mi):** 0.00
KDOT #: KA-3549-01 **Project Sponsor:** KDOT **Class:** OPA **Project Type:** Safety
Location: US-40 (6th St) and Franklin St Bike/Ped? No ITS? No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2014	PE			13.0	13.0			Installation of new traffic signal and intersection improvements (sidewalk & ADA ramps).
2016	CONST		231.7	43.7	275.4			
			231.7	56.7	288.4			

TIP #: 0-23-2014 **FHTP #:** 21 **Project Name:** Casement Rd. Improvements Phase III **Length (mi):** 0.27
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Expansion
Location: Casement Rd: Griffith to Allen Bike/Ped? Yes ITS? No

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	Description:
2019	PE			133.0	133.0			Widen roadway and add multi-use path Notes: Phase 3 of 3
2020	CONST			1,468.8	1,468.8			
				1,601.9	1,601.9			

TIP #: 0-24-2014 **FHTP #:** **Project Name:** ITS System Expansion--KSU Fiber Projects **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** ITS
Location: Various locations on KSU Campus Bike/Ped? ITS?

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	CONST			40.0	40.0			Connect City fiber to University fiber optic in order to expand the network to 18 locations on campus
2016	CONST			40.0	40.0			
2017	CONST			41.4	41.4			
2018	CONST			42.8	42.8			
				164.2	164.2			

TIP #: 0-25-2014 **FHTP #:** 44 **Project Name:** Kimball & Denison Intersection Improvements **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Safety
Location: Intersection of Kimball & Denison Bike/Ped? ITS?

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	PE			310.5	310.5			Improve intersection with additional turning lanes and traffic signal modifications
2018	CONST			2,892.3	2,892.3			
				3,202.8	3,202.8			

TIP #: 1-28-2014 **FHTP #:** **Project Name:** Juliette Ave Brick Rehab **Length (mi):** 0.15
KDOT #: TE-0417-01 **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Preservation
Location: Juliette: Bluemont to Laramie Bike/Ped? ITS?

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	PE			1.0	1.0			Rehabilitation of the historical brick street
2016	CONST	517.8		278.8	796.6	TA		
		517.8		279.8	797.6			

TIP #: 1-30-2014 **FHTP #:** **Project Name:** Gl: K-57 and J Hill Rd Intersection **Length (mi):**
KDOT #: KA-4044-01 **Project Sponsor:** City of Grandview Plaza **Class:** Minor Arterial **Project Type:** Safety
Location: K-57 and J Hill Rd Intersection Bike/Ped? ITS?

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2015	PE		60.0		60.0			Intersection Improvements including signage, lane addition and mill and overlay
2015	Util		65.0		65.0			
2017	CONST		525.0	15.0	540.0			
			650.0	15.0	665.0			

TIP #: 2-31-2014 **FHTP #:** 79 **Project Name:** US-77 Bridge Replacement (Rush Creek Bridge) **Length (mi):** N/A
KDOT #: KA-3953-01 **Project Sponsor:** KDOT **Class:** Other Principal Arterial **Project Type:** Bridge
Location: US-77: 1.5 miles north of K-57 N. Junction Bridge #043 (Rush Creek) Bike/Ped? No ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u> Bridge Replacement
2015	PE		675.0		675.0			
2017	ROW		135.0		135.0			
2020	UTIL		68.0		68.0			
2021	CONST		5,248.8		5,248.8		X	
2022	CONST	4,199.1	(4,199.1)		0.0	Conv-NHP		
		4,199.1	1,927.7		6,126.8			

Notes: Project Authorized for PE Only.

TIP #: 0-32-2014 **FHTP #:** 67 **Project Name:** US-40 Bridge Replacement (UP Railroad and Monroe St) **Length (mi):** N/A
KDOT #: KA-3952-01 **Project Sponsor:** KDOT **Class:** Other Principal Arterial **Project Type:** Bridge
Location: US-40: 2.3 miles east of US-77 Junction Bike/Ped? No ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u> Bridge Replacement
2015	PE		1,182.0		1,182.0		X	
2018	ROW		237.0		237.0			
2019	UTIL		118.0		118.0		X	
2020	CONST		8,477.6		8,477.6		X	
2022	PE	945.6	(945.6)		0.0	Conv-STP		
2022	UTIL	94.4	(94.4)		0.0	Conv-STP		
2022	CONST	6,784.4	(6,784.4)		0.0	Conv-STP		
		7,824.4	2,190.2		10,014.6			

Notes: Project Authorized for PE Only.
AC Conversion in 2022.

TIP #: 0-33-2014 **FHTP #:** **Project Name:** Old Highway 77 Overlay and Pavement Markings **Length (mi):** 3.30
KDOT #: **Project Sponsor:** Geary County **Class:** Major Collector **Project Type:** Preservation
Location: Old Highway 77: US-77 to Vinton School Rd Bike/Ped? No ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u> 2" Overlay and Pavement Marking FLAP-Federal Land Access Program
2016	PE	5.0			5.0	FLAP		
2016	CONST	477.0			477.0	FLAP		
		477.0			482.0			

TIP #: 0-34-2014 **FHTP #:** **Project Name:** College Ave & Claflin Ave Signal Upgrade **Length (mi):**
KDOT #: U-0543-01 **Project Sponsor:** City of Manhattan **Class:** Minor Arterial **Project Type:** Safety
Location: Intersection of College Ave & Claflin Ave Bike/Ped? ITS?

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u> Signal Upgrade
2016	PE			7.0	7.0			
2016	CONST	100.0		39.2	139.2	HSIP		
		100.0		39.2	146.2			

Bicycle and Pedestrian Projects

TIP #: 0-B1-2016 **FHTP #:** **Project Name:** Claflin Rd Pedestrian Improvements **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Local **Project Type:** Bike/Ped
Location: Claflin Rd: N. Manhattan east to McCain Lane

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			8.0	8.0			Construction of sidewalk on the south side of Claflin Rd from N. Manhattan east to McCain Dr
2017	CONST	84.0			84.0	5307		
		84.0		8.0	92.0			

TIP #: 0-B3-2016 **FHTP #:** **Project Name:** US-24/Bluemont Pedestrian Improvements **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Principal Arterial **Project Type:** Bike/Ped
Location: Intersection of US 24 & Bluemont

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			20.0	20.0			Pedestrian refuge and/or medians for the east to west crossing and similar for new north to south routes
2017	CONST	210.0			210.0	5307		
		210.0		20.0	230.0			

TIP #: 2-B4-2016 **FHTP #:** **Project Name:** Blue Township Safe Routes to School Phase I **Length (mi):** N/A
KDOT #: **Project Sponsor:** Pottawatomie County **Class:** N/A **Project Type:** Bike/Ped
Location: Blue Township

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			15.0	15.0			Prepare a SRTS Phase I Study for the Township to identify bicycle and pedestrian improvements for accessing the Flint Hills Christian School and future USD 383 Elementary School
				15.0	15.0			

TIP #: 4-B5-2016 **FHTP #:** **Project Name:** Manhattan/USD 383 Safe Routes to School Phase 2 **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** Bike/Ped
Location: Various location in the City of Manhattan

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	CONST	200.0		50.0	250.0	TA		Projects include: sidewalks & crosswalks on Wreath Ave., sidewalk on 14th St., crosswalk enhancements on Lee St & College Heights, sidewalk on Gross 't, and sidewalk with flashing beacons on Casement Rd
		200.0		50.0	250.0			

TIP #: 0-B6-2014 **FHTP #:** **Project Name:** K-18/West 8th St Bicycle and Pedestrian Path (TA) **Length (mi):** 0.96
KDOT #: TE-0415-01 **Project Sponsor:** City of Junction City **Class:** Other Principal Arterial **Project Type:** Bike/Ped
Location: K-18: Spring Valley Rd. to Rucker Rd.

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			129.0	129.0			10 foot pedestrian and bicycle trail to safely connect Junction City west of US-77 to Junction City proper.
2016	CONST	950.0		237.0	1,187.0	TA		
		950.0		366.0	1,316.0			

TIP #: 4-B7-2014 **FHTP #:** **Project Name:** Knox Lane Bicycle and Pedestrian Path (TA) **Length (mi):** 0.44
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** Bike/Ped
Location: Knox Lane: Casement to Northeast Park

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2016	PE			1.0	1.0			10' Multi-use path along Knox Ln connecting into existing path along Northeast Park
2016	ROW			25.0	25.0			
2016	CONST	165.0		90.0	255.0	TA		
		165.0		116.0	281.0			

TIP #: 4-B7-2016 **FHTP #:** **Project Name:** City of Manhattan 2017 Bicycle & Pedestrian Improvements **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** Bike/Ped
Location: Various Locations

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	CONST			60.0	60.0			Various bicycle and pedestrians projects around the City of Manhattan, as guided by the Bicycle and Pedestrian Strategic Plan
				60.0	60.0			

TIP #: 4-B8-2014 **FHTP #:** **Project Name:** Fremont Street Pedestrian Improvements **Length (mi):** 0.50
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Local **Project Type:** Bike/Ped
Location: Fremont: 12th St. to 14th St.

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	Description:
2017	PE			15.0	15.0			Construct bulb outs and improve safety for pedestrian crossing to the bus stop in City Park.
2017	CONST	157.5		39.4	196.9	5307		
		157.5		54.4	211.9			

TIP #: 4-B8-2016 **FHTP #:** **Project Name:** 9th St & Poyntz Ave Pedestrian Improvements **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** Bike/Ped
Location: Intersection of 9th St. & Poyntz Ave

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u>
2017	CONST			60.0	60.0			Add center refuge island on Poyntz
				60.0	60.0			

TIP #: 4-B9-2016 **FHTP #:** **Project Name:** 2016 Bike Boulevard Projects **Length (mi):** N/A
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Various **Project Type:** Bike/Ped
Location: Various Location in the City of Manhattan

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u>
2016	CONST			29.0	29.0			Various bicycle and pedestrian projects around the City of Manhattan, as guided by the Bicycle and Pedestrian Strategic Plan
				29.0	29.0			

TIP #: 4-B10-2016 **FHTP #:** **Project Name:** Old Blue River Trail **Length (mi):** 0.50
KDOT #: **Project Sponsor:** City of Manhattan **Class:** N/A **Project Type:** Bike/Ped
Location: Linear Trail Trailhead at Hayes Drive to McCall Rd Multi-Use Path

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u>
2017	CONST	77.0		76.0	153.0	CDBG		Construct a new multi-use trail atop abandoned levee and existing gravel service road.
		77.0		76.0	153.0			

TIP #: 4-B11-2016 **FHTP #:** **Project Name:** Sunset Avenue Sidewalk **Length (mi):** 0.12
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Urban Collector **Project Type:** Bike/Ped
Location: Sunset Ave: College Heights Rd to Montgomery Dr

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u>
2016	CONST			50.0	50.0			Installation of a sidewalk on the east side of Sunset Ave. between College Heights Rd. and Montgomery Drive
				50.0	50.0			

TIP #: 4-B12-2016 **FHTP #:** **Project Name:** Sunset Ave Corridor Improvements **Length (mi):** 0.50
KDOT #: **Project Sponsor:** City of Manhattan **Class:** Urban Collector **Project Type:** Bike/Ped
Location: Sunset Ave: Claflin Road to Anderson Ave

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>AC</u>	<u>Description:</u>
2017	CONST			115.5	115.5			Sunset Ave. improvements such as curb and gutter, storm sewer, sidewalk, grading, retaining wall.
				115.5	115.5			

Transit and Paratransit Projects

TIP #: 1-T1-2016 **FHTP #:** **Project Name:** Via Christi Village Operating Assistance **Project Type:** Transit/Paratransit
Project Sponsor: Via Christi Village **Location:** City of Manhattan

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description: Operating Assistance
2016	OPR		5.0		5.0		Note: 5310 provider
2017	OPR		5.0		5.0		
			10.0		10.0		

TIP #: 0-T2-2016 **FHTP #:** **Project Name:** Geary Co. Senior Center Operating Assistance **Project Type:** Transit/Paratransit
Project Sponsor: Geary County Senior Center **Location:** Geary County

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description: Operating Assistance
2016	OPR		5.0		5.0		Note: 5310 Provider
			5.0		5.0		

TIP #: 0-T3-2016 **FHTP #:** **Project Name:** Pawnee Mental Health Operating Assistance **Project Type:** Transit/Paratransit
Project Sponsor: Pawnee Mental Health **Location:** Riley, Geary, & Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description: Operating Assistance
2016	OPR		10.0		10.0		Note: 5310 Provider
		-	10.0	-	10.0		

TIP #: 0-T4-2016 **FHTP #:** **Project Name:** Big Lakes Developmental Center, Inc. Operating Funds **Project Type:** Transit/Paratransit
Project Sponsor: Big Lakes Development Center **Location:** Riley, Geary and Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description: Operation expenses for multiple routes
2016	OPR	139.0		109.0	248.0	5316	
		139.0		109.0	248.0		

TIP #: 4-T5-2016 **FHTP #:** **Project Name:** FHATA Rural Services Operating Assistance **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Area Transportation Agency (FHATA) **Location:** FHMPO Region

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description: Operating assistance and admin for areas outside of the Manhattan Urbanized Area, including Junction City and Fort Riley
2016	OPR	500.0	161.0	253.3	914.3	5311	
2016	CAP	142.7	-	35.7	178.4	5311	
		642.7	161.0	289.0	1,092.6		

TIP #: 1-T6-2016 **FHTP #:** **Project Name:** FHATA Rural Bus Purchase **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Area Transportation Agency (FHATA) **Location:** FHMPO Region

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	CAP	328.0	11.7	70.3	410.0	5339	Seven (7) 20-passenger, lift equipped small transit buses
		328.0	11.7	70.3	410.0		

TIP #: 4-T7-2016 **FHTP #:** **Project Name:** FHRTA Urban Transit Service Operating Expenses **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Regional Transit Administration (FHRTA) **Location:** Manhattan Urbanized Area

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	OPR	857.8	649.6	799.3	2,306.7	5307	The transit services provided in the Manhattan UZA are contracted to a provider. Includes TWORKS funding for UZA service
2017	OPR	857.8	280.0	828.0	1,965.8	5307	
2018	OPR	857.8	280.0	857.0	1,994.8	5307	
2019	OPR	857.8	280.0	887.0	2,024.8	5307	
		3,431.2	1,489.6	3,371.3	8,292.1		

TIP #: 0-T8-2016 **FHTP #:** **Project Name:** FHATA Safety Project **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Area Transportation Agency (FHATA) **Location:** Manhattan Urbanized Area

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	CAP	8.0		2.0	10.0	5307	Purchase of security cameras for FHATA's facility
		8.0	-	2.0	10.0		

TIP #: 3-T9-2016 **FHTP #:** **Project Name:** FHRTA 5307 Education and Training **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Regional Transit Administration (FHRTA) **Location:** Manhattan Urbanized Area

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	OPR	13.7	12.0	2.7	28.4	5307	Training expenses (tuition, travel, lodging, etc.) for the Regional Transit Manager.
2017	OPR	4.7	6.7	2.3	13.7	5307	
		13.7	12.0	2.7	28.4		

TIP #: 0-T10-2016 **FHTP #:** **Project Name:** FHATA Mobility Manager Administration Costs **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Area Transportation Agency (FHATA) **Location:** Manhattan Urbanized Area

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	CAP	55.3		13.8	69.1	5317	Mobility Manager Administrative Costs
		55.3		13.8	69.1		

TIP #: 3-T11-2016 **FHTP #:** **Project Name:** FHRTA Mobility Manager Administration Costs **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Regional Transit Administration (FHRTA) **Location:** Manhattan Urbanized Area

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	OPR	79.8	70.0		149.8	5307	Costs associated with the administration and management of the 5307 program and mobility management functions. These costs also appear in the FHMP's 2016 UPWP.
2017	OPR	85.0	75.0	32.0	192.0	5307	
		164.8	145.0	32.0	341.8		

TIP #: 1-T12-2016 **FHTP #:** **Project Name:** Big Lakes Developmental Center, Inc. Operating Funds **Project Type:** Transit/Paratransit
Project Sponsor: Big Lakes Development Center **Location:** Riley, Geary and Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2017	OPR		5.0		5.0	5310	Operation expenses
			5.0		5.0		

TIP #: 1-T13-2016 **FHTP #:** **Project Name:** Big Lakes Developmental Center, Inc. Bus Purchase **Project Type:** Transit/Paratransit
Project Sponsor: Big Lakes Development Center **Location:** Riley, Geary and Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2017	CAP	44.0		11.0	55.0	5310	Capital Purchase
		44.0		11.0	55.0		

TIP #: 0-T14-2016 **FHTP #:** **Project Name:** Big Lakes Health-10 Passenger Van Purchase **Project Type:** Transit/Paratransit
Project Sponsor: Big Lakes Development Center **Location:** Riley, Geary & Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2016	CAP		37.0		37.0		Capital Purchase of full-sized (10 passenger) van
			37.0		37.0		

TIP #: 0-T15-2016 **FHTP #:** **Project Name:** Big Lakes Health-10 Passenger Van Purchase **Project Type:** Transit/Paratransit
Project Sponsor: Big Lakes Development Center **Location:** Riley, Geary & Pottawatomie Counties

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	<u>Description:</u>
2017	OPR		37.0		37.0		Capital Purchase of full-sized (10 passenger) van
			37.0		37.0		

TIP #: 3-T16-2016 **FHTP #:** **Project Name:** FHATA Crime Prevention and Security Project **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Area Transportation Agency **Location:** FHATA Facility in Riley County

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description:
2016	CAP	2.0		0.5	2.5	5307	Purchase of 45 gallon flammable safety cabinets for FHATA maintenance facility.
		2.0		0.5	2.5		

TIP #: 4-T17-2016 **FHTP #:** **Project Name:** FHATA Crime Prevention & Security **Project Type:** Transit/Paratransit
Project Sponsor: Flint Hills Regiona Transit Administration **Location:** Manhattan UZA

<u>FFY</u>	<u>Phase</u>	<u>Fed</u>	<u>State</u>	<u>Local</u>	<u>Total</u>	<u>Fed Source</u>	Description:
2017	CAP	8.0		2.0	10.0	5307	Security Cameras for 3-5 transit vehicles
		8.0		2.0	10.0		

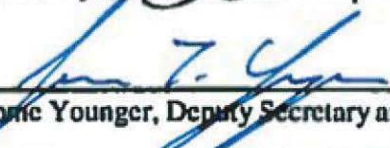
Appendix H: MPO Self-Certification

Concurrent with the submittal of the proposed TIP to the FHWA and the FTA, the Flint Hills Metropolitan Planning Organization (FHMPPO) certifies that the metropolitan transportation planning process is carried out in accordance with all applicable requirements, including:

- 1) 23 U.S.C. 134, 49 U.S.C. 5303 and this subpart;
- 2) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- 3) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- 4) 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;
- 5) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- 6) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR Parts 27, 37, and 38;
- 7) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- 8) Section 324 of the title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- 9) **Section 504 of the Rehabilitation of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.**



Robert Boyd, Policy Board Chairperson



Jerome Younger, Deputy Secretary and State Transportation Engineer

Aug 19, 2015
Date

8/21/15
Date

Appendix I: Public Comments

The 2016-2019 Transportation Improvement Program (TIP) was out for public comment from July 19, 2016 through August 3, 2016. No public comments were received.

Appendix J: List of Acronyms

AC —Advance Construction	MTP —Metropolitan Transportation Plan
ACS —American Community Survey	NHPP —National Highway Performance Program
CDBG —Community Development Block Grant	O&M —Operations and Maintenance
CE —Construction Engineering	PE —Preliminary Engineering
CONST-- Construction	PPP —Public Participation Plan
EJ —Environmental Justice	ROW —Right-of-way
FFY —Federal Fiscal Year (Oct 1-Sept 30)	SRTS – Safe Routes to School
FHATA —Flint Hills Area Transportation Agency	STIP —Statewide Transportation Improvement Program
FHMPO —Flint Hills Metropolitan Planning Organization	STP —Surface Transportation Program
FHRC —Flint Hills Regional Council	TA —Transportation Alternatives
FHRTA —Flint Hills Regional Transit Administration	TAC —Technical Advisory Committee
FHWA —Federal Highway Administration	TIP —Transportation Improvement Program
FTA —Federal Transit Administration	UTIL-- Utilities
GI – Geometric Improvement	YOE —Year of Expenditure
HSIP —Highway Safety Improvement Program	
HAWK Signal —High-intensity Activated crossWalk signal	
HUD —US Department of Housing and Urban Development	
KDOT —Kansas Department of Transportation	
KLINK – City Connecting Link	
KSU —Kansas State University	
MPAB —Metropolitan Planning Area Boundary	
MPO —Metropolitan Planning Organization	

MTPO

Metropolitan Topeka Planning Organization

620 SE Madison Street, Unit 11
Topeka, Kansas 66607-1118
Tel.: (785) 368-3728
Fax: (785) 368-2535
www.topeka.org

August 25, 2016

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 August 25th 2016 the Metropolitan Topeka Planning Organization (MTPO) approved the enclosed Amendment to the **2015-2018 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 August 25th 2016 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 Fiander
MTPO Secretary

Enclosure: 2015-2018 TIP Amendment #7 and Resolution
cc: Cory Davis, – MTPO Chairman

MTPO

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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 #7 to the 2015-2018 TIP into the Statewide Transportation Improvement Program (STIP).

Amendment #7 to the MTPO 2015-2018. TIP is included in the attachments to this Resolution.



Cory Davis, MTPO Chairperson



Bill Fiander, MTPO Secretary



PROJECT DATA SHEET

TIP Amendment #

Juris: TIP #: Federal # KDOT#:
***Project Type:** Roadways & Bridges
Requested by: Shawnee County
Project: SE 29th Bridge over Deer Creek Replacement & grading
Fiscal Year(s):
Total Project Cost: \$3,3680,000

**PROJECT
TYPES:**

Transportation Alternative
 Roadways & Bridges
 Transit/Paratransit
 Other

PROJECT SUMMARY AND JUSTIFICATION:

Remove existing structurally deficient 3-lane wide bridge over Deer Creek on SE 29th St. and replace with a 5-lane bridge. The project will include street and intersection improvement at the intersection of SE 29th & West Edge Rd.
Justification: To replace a structurally deficient bridge and improve SE 29th Street capacity and safety.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal	State	Local	TOTAL COST x (1,000)
PE	2016	-	-	\$150.0	\$150.0
PE	2017	-	-	\$150.0	\$150.0
ROW/UTIL	2018	-	-	\$150.0	\$150.0
Const.	2019	-	-	\$2,950.0	\$2,950.0
CE	2019	-	-	\$280.0	\$280.0
TOTAL		-	-		\$3,680.0

***Notes: Please use KDOT phases:**

PE (Preliminary Engineering & Design); ROW (Right-of-Way Acquisition); UTIL (Utility Work)
 CONST (Construction); CE (Construction Engineering)

TAC RECOMMENDATION & COMMENTS:

TAC Review Data: TAC review: 8/11/2016
TAC Comments:

PUBLIC COMMENTS:

Out for Comment: – 8/11/2016
Legal Advertising: 8/15/16
Comments Received:



PROJECT DATA SHEET

TIP Amendment #

Juris: TIP #: Federal # KDOT#:
***Project Type:** Roadways & Bridges
Requested by: Shawnee County
Project: Trfwy Improvement @ SW Urish Rd: 17th Huntoon
Fiscal Year(s):
Total Project Cost: \$3,045,322

**PROJECT
TYPES:**

Transportation Alternative
Roadways & Bridges
Transit/Paratransit
Other

PROJECT SUMMARY AND JUSTIFICATION:

Widen SW Urish Rd. Between SW 17th & SW Huntoon St. from a 2-lane rural section with ditches to a 5-lane urban arterial with storm sewers and sidewalks. The intersection at SW Urish Rd. and Huntoon will be reconstructed as a single lane roundabout . **Justification:** To increase capacity and improve safety.

EXPENSE SUMMARY

*Phase	Year of Obligation	Federal	State	Local	TOTAL COST x (1,000)
PE	2016	-	-	\$140.3	\$140.3
R/W	2017	-	-	\$60.0	\$60.0
UTIL	2017	-	-	\$25.0	\$25.0
Const.	2018	-	-	\$2,819.7	\$2,819.7
TOTAL		-	-		\$3,045.3

***Notes: Please use KDOT phases:**

PE (Preliminary Engineering & Design); ROW (Right-of-Way Acquisition); UTIL (Utility Work)
 CONST (Construction); CE (Construction Engineering)



**AMENDMENT
PROJECT DATA SHEET**

TIP Amendment #	2016-07-3		
	TIP #:	KDOT#:	
	Transportation Alternative (TA): Construction of Bus Stops		PROJECT TYPES:
Project Type:	Stops		Transportation Alternative
Requested by:	Topeka Metropolitan Transit Authority		Roadways & Bridges
Project:	ADA-Accessible Bus Stops		Transit/Paratransit
Fiscal Year(s):	2016 – 2018		
Total Project Cost:	\$891,930		

EXPENSE SUMMARY

FY	PHASE	Federal	State	Local	TOTAL COST
2016	Phase 7a – approx. 35 stops	\$249,740		\$62,435	\$312,175
2017	Phase 7b – approx. 35 stops	\$249,740		\$62,435	\$312,175
2018	Phase 7c – approx. 30 stops	\$214,064		\$53,516	\$267,580
TOTAL		\$713,544		\$178,386	\$891,930

PROJECT SUMMARY AND JUSTIFICATION:

This Amendment transfers the recently awarded TA grant funds from State funds to Federal funds, Federal Transit Administration (FTA). This change is being made so that Topeka Metro can apply for these funds directly. Specifically:

“.. to use your existing contracts for benches, etc. as we discussed, you'll need to transfer the STP-TA funds to FTA and do the project with FTA funds. That would allow you to operate as you are accustomed, use your existing contracts for materials, and would incur only one obligation on our end (the actual Funds transfer at the beginning of your project).”

Funding from this grant will be used to continue the City of Topeka Bus Stop Integration Project. The project will be completed in several phases. The first three phases of the project are complete, in which we placed 37 new bus shelters which are all ADA-accessible. This phase of the project will continue to place bus stops throughout the fixed route designated stop system. Some stops will have shelters; others will have benches or standing surfaces. All bus stops will meet or exceed current ADA-accessibility requirements. Topeka Metro has three ongoing projects which require placement of ADA-accessible bus stops. First, our Freedom Pass Program was initiated to identify disabled riders who currently use the Lift service as potential candidates that could access the fixed route system. Second, Topeka Metro is moving from a flag-down system to a designated-stop system. Third, Topeka Metro initiated its City of Topeka Bus Stop Integration Project in 2013. Topeka Metro is building ADA-accessible bus stops in order to make our fixed route more easily accessible to all of our passengers, and especially those passengers who are elderly or disabled.

Funding Summary Table 2015 through 2018	Amendment #7
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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								
<u>Year</u>	<u>Federal Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>State Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>Local Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>Federal Total for Urban Transit Projects</u>	<u>State Total for Urban Transit Projects</u>	<u>Local Total for Urban Transit Projects</u>	<u>Total of Anticipated Funding</u>	<u>Anticipated Minus Programmed</u>
2015	\$35,402,975	\$18,304,200	\$8,209,300	\$3,044,000	\$711,171	\$6,374,168	\$72,045,814	\$0
2016	\$9,000,000	\$4,870,000	\$9,340,300	\$3,235,340	\$470,260	\$6,380,663	\$33,296,563	\$0
2017	\$9,000,000	\$26,083,900	\$4,198,000	\$2,453,156	\$470,260	\$6,240,459	\$48,445,775	\$0
2018	\$5,400,000	\$1,380,000	\$3,469,700	\$439,514	\$505,936	\$6,301,863	\$17,497,013	\$0
Totals	\$58,802,975	\$50,638,100	\$25,217,300	\$9,172,010	\$2,157,627	\$25,297,153	\$171,285,165	\$0

Funding Programmed in the TIP								
<u>Year</u>	<u>Federal Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>State Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>Local Total for Road, Bridge, Safety, and Enhancement Projects</u>	<u>Federal Total for Urban Transit Projects</u>	<u>State Total for Urban Transit Projects</u>	<u>Local Total for Urban Transit Projects</u>	<u>Total of Programmed Funding</u>	
2015	\$35,402,975	\$18,304,200	\$8,209,300	\$3,044,000	\$711,171	\$6,374,168	\$72,045,814	
2016	\$9,000,000	\$4,870,000	\$9,340,300	\$3,235,340	\$470,260	\$6,380,663	\$33,296,563	
2017	\$9,000,000	\$26,083,900	\$4,198,000	\$2,453,156	\$470,260	\$6,240,459	\$48,445,775	
2018	\$5,400,000	\$1,380,000	\$3,469,700	\$439,514	\$505,936	\$6,301,863	\$17,497,013	
Totals	\$58,802,975	\$50,638,100	\$25,217,300	\$9,172,010	\$2,157,627	\$25,297,153	\$171,285,165	

Notes for Anticipated Funding:
 County Annual estimates: STP Funds \$2,415,725; City Annual estimate: [STP Funds \$4,016,034]
 Program Highway Safety Improvement Program (HSIP), and Transportation Alternative (TA) funds from the FHWA for locally sponsored projects.
 This table includes an assumption that on average the region will receive annually \$150,000 in HES/HSIP funds and \$200,000 in TE funds based on recent history.
 These estimates for Safety and TA funds were used in the Anticipated Funds amounts for all years.
 This table includes the latest estimates from KDOT for sub-allocation amounts for STP and BR funding for Topeka and Shawnee County.
 This table includes all federal, state and local funding that is anticipated for KDOT sponsored or administered roadway and bridge projects in the MTPO metropolitan planning area.
 Projects using Advanced Construction are reimbursed with federal funds if and when available.
 This table includes FTA Section 5307 Formula funds, Section 5309 Discretionary Capital funds, and Section 5316 Job Access-Reverse Commute (JARC) funds for urban transit. (if applicable)
 This table includes awarded FTA Section 5310 funds for projects in the MTPO metropolitan planning area. (if applicable)
 This table includes State Operating Assistance for the TMTA that is at levels funded under the current Comprehensive Transportation Program. (if applicable)

This table includes local funding for transportation projects from various sources including general obligation bonds, sales taxes, property taxes, mill levees and other sources.
 The local amounts include funding needed to match federal and/or state funds plus funds for locally funded projects that are regionally significant.

*Includes federal funds for Shawnee County and Topeka advanced by KDOT Local Projects

Notes for Funding Programmed in the TIP
 This table includes all of the forms of anticipated funding listed above 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.