



**Federal Transit Administration**  
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**Federal Highway Administration**  
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*U.S. Department of Transportation*

February 01, 2017

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 2017-2020  
Kansas STIP

Dear Ms. Patrick:

As requested by your January 27<sup>th</sup>, 2017 letter, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the proposed Amendment #4 to the FY 2017-2020 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



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

Sam Brownback, Governor

January 27, 2017

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 #4 to the 2017-2020 STIP


The Kansas Department of Transportation (KDOT) has approved an amendment to the Kansas 2017-2020 Statewide Transportation Improvement Program (STIP) which includes projects within the Kansas City and Manhattan metropolitan areas. These items are enclosed for your review.

We are requesting your concurrence and approval of this amendment to the 2017-2020 STIP.

The public involvement activities conducted by the Mid-America Regional Council (MARC) and the Flint Hills Metropolitan Planning Organization (FHMPPO) for the Transportation Improvement Program (TIP) serve to satisfy the requirements of 23 CFR §450.324. No public comments were received.

Please forward any questions or comments regarding projects within these metropolitan areas to Allison Smith, Bureau of Transportation Planning, at (785) 296-0341.

Sincerely,

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

Enclosures: MARC 2016-2020 TIP Amendment Approval Request Letter and Related Document  
FHMPPO 2016-2019 TIP Amendment Approval Request Letter and Related Document

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

Messrs. Ahmad and Backlund

Page 2

January 27, 2017

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  
Paul Ahlenius, KDOT Local Projects  
Susie Lovelady, KDOT Program and Project Management  
Linda Fritton, KDOT Program and Project Management

600 Broadway, Suite 200  
Kansas City, Missouri 64105-1659

816-474-4240  
816-421-7758 FAX  
www.marc.org



January 25, 2017

To: KDOT, MoDOT and Federal Offices

Subject: 2017 1<sup>st</sup> Quarter Amendment to the *FFY 2016-2020 Transportation Improvement Program (TIP)*

On January 24, 2017 the Mid-America Regional Council amended the *FFY 2016-2020 Transportation Improvement Program* for the Kansas City Metropolitan Region. This 2017 1<sup>st</sup> Quarter Amendment consists of 24 projects: 16 Kansas, 5 Missouri and 3 Transit. Details of specific funding and other information are included in the project listing of the amendment and the project index list specifies the project by type (new, modified or deleted), state, and TIP number. The amendment and index list are posted on the MARC website at [www.marc.org/Transportation/Plans-Studies/Transportation-Plans-and-Studies/TIP/TIP-Amendment-Archive](http://www.marc.org/Transportation/Plans-Studies/Transportation-Plans-and-Studies/TIP/TIP-Amendment-Archive) and are printable for filing.

MARC's Public Involvement Plan requires that proposed amendments to the TIP be released for public review and comment prior to adoption by the MARC Board of Directors. No comments were received during the comment period.

This amendment is financially constrained and maintains the financial feasibility of the *FFY 2016-2020 TIP*.

Since the MARC TIP is incorporated by reference, without modification, into the statewide transportation improvement program (STIP), the MARC TIP represents the most current listing of projects within the boundaries of the Kansas City metropolitan planning area and should be the basis for comparison of projects listed in the amendment. The MARC TIP is available for review online at:

<http://www.marc.org/transportation/tip.htm>.

Please take the necessary steps to amend the STIP to include these projects. Please contact me if you have any questions about this action.

A handwritten signature in black ink, appearing to read "Ron Achelpohl".

Ronald B. Achelpohl, P.E.  
Director of Transportation

Chair Curt Skoog Councilmember Overland Park, Kansas	1st Vice Chair Carol Suter Councilmember Gladstone, Missouri	2nd Vice Chair Ed Eilert Commission Chairman Johnson County, Kansas	Treasurer Beverlee Roper Commissioner Platte County, Missouri	Secretary Randy Rhoads Mayor Lee's Summit, Missouri	Executive Director David A. Warm
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## How to Read the TIP Amendment Project Listings

The project listing is a complete list of all projects in the TIP amendment. The state is noted in the heading. Bistate projects are listed first, followed by Kansas, then Missouri projects.

Below is a sample TIP amendment project listing. The numbered fields are described in the key below.

### SAMPLE TIP AMENDMENT PROJECT LISTING

Missouri		DRAFT 2011 2nd Quarter Amendment			
<b>1 TIP #:</b> 590161	<b>2 Juris:</b> CLAY COUNTY	<b>3 Location/Improvement:</b> SMITHVILLE LAKE TRAIL (HWY W TO 188TH ST.)			
<b>County:</b> CLAY	<b>4 Project Type:</b> PEDESTRIAN AND/OR BIKE WAYS	<b>Length (miles):</b>			
<b>5 Federal ID#:</b> STP-3301(428)	<b>6 State ID #:</b>				
<b>7 Phase</b>	<b>8 Year of Obligation</b>	<b>9 Type</b>	<b>10 Source</b>	<b>Cost (IN THOUSANDS)</b>	<b>12 Description:</b> Smithville Lake Trail (Hwy W to 188th St.)
Construction	2011	Federal	TE-MO	\$202.7	<b>13 Amendment Description:</b> New project
Construction	2011	Non-Federal	LOCAL	\$133.5	
<b>Federal Total: \$202.7</b>		<b>Non-Federal Total: \$133.5</b>		<b>11 Total: \$336.2</b>	
<b>14</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1 TIP #:</b> The number assigned to TIP project, which is how an agency identifies a project.</p> <p><b>2 Juris:</b> The lead public agency or municipality responsible for the project.</p> <p><b>3 Location/Improvement:</b> Name of project, identifying what it is and where it is located.</p> <p><b>4 Project Type:</b> Projects are classified into descriptive categories.</p> <p><b>5 Federal ID#:</b> Identification number within a federal funding program.</p> <p><b>6 State ID#:</b> Identification number within a state funding program.</p> <p><b>7 Phase:</b> Shows phases of project, classified into categories.</p> | <p><b>8 Year of Obligation:</b> Shows when each phase is scheduled to be obligated.</p> <p><b>9 Type:</b> Indicates whether federal funds will be used in each phase.</p> <p><b>10 Source:</b> Indicates funding source abbreviation for each phase.</p> <p><b>11 Total:</b> Total estimated federal and non-federal funds being spent on the project.</p> <p><b>12 Description:</b> Provides a short outline of the project. This may include type, scope and major features of the project.</p> <p><b>13 Amendment Description:</b> Describes what is being modified by the amendment.</p> <p><b>14</b> Indicates the reason(s) for inclusion in the amendment.</p> |
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KANSAS CITY METROPOLITAN REGION  
TRANSPORTATION IMPROVEMENT PROGRAM  
FISCAL YEARS 2016-2020  
**2017 1st Quarter Amendment**

## Kansas

<b>TIP #:</b> 380096	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-35 SW JOHNSON COUNTY INTERCHANGE PROJECT			<b>Length (mi):</b> 1.48
<b>State #:</b> KA-1109-02	<b>Fed #:</b>	<b>County:</b> JOHNSON	<b>Project Type:</b> Capacity		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Construct new interchange which will be the selected alternative from the Location Study (Project No. KA-1109-01). Includes grading, concrete pavement, bridges, fencing, seeding, lighting, signals, pavement marking and implementation of a work zone ITS system. This project will include grading and surfacing for Homestead Lane improvements north to 199th St.
Engineering	2009	Federal	NHPP-KS	\$1,267.9	<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.
Engineering	2009	Non-Federal	STATE-KS	\$157.6	
Right-of-Way	2013	Non-Federal	STATE-KS	\$5,442.8	
Other	2013	Non-Federal	STATE-KS	\$1,601.5	
Construction	2012	Federal	NHPP-KS	\$21,082.6	
Construction	2012	Non-Federal	STATE-KS	\$2,366.7	
<b>Federal Total:</b>	<b>\$22,350.5</b>	<b>Non-Federal Total:</b>	<b>\$9,568.6</b>	<b>Total:</b>	<b>\$31,919.1</b>

New  Deleted  Schedule  Budget  AirQuality  Scope

<b>TIP #:</b> 380112	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> BRIDGES #054, #055, #273 AND #274 IN JOHNSON COUNTY ON I-435 (RECONSTRUCTION OF ROE BLVD. INTERCHANGE)			<b>Length (mi):</b> 0
<b>State #:</b> KA-2100-01	<b>Fed #:</b> NHPP-4353(361)	<b>County:</b> JOHNSON	<b>Project Type:</b> Bridge Replacement		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Replace bridges #054 and #055 with new bridges #415 and #418. Remove bridges #273 (pedestrian) and #274 (median) The interchange configuration will be changed from the existing compressed diamond interchange to a diverging-diamond interchange (DDI). Pedestrians will be accommodated in the new bridges and DDI improvements.
Engineering	2011	Federal	NHPP-KS	\$1,560.7	<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.
Engineering	2011	Non-Federal	STATE-KS	\$8.0	
Other	2013	Federal	NHPP-KS	\$237.5	
Construction	2014	Federal	NHPP-KS	\$10,279.7	
Construction	2014	Non-Federal	STATE-KS	\$8.1	
<b>Federal Total:</b>	<b>\$12,077.9</b>	<b>Non-Federal Total:</b>	<b>\$16.1</b>	<b>Total:</b>	<b>\$12,094.0</b>

New  Deleted  Schedule  Budget  AirQuality  Scope

<b>TIP #:</b> 380135	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> CORRIDOR:FROM 119TH ST, NO TO I-35 & I-35 NO TO 75TH ST			<b>Length (mi):</b> 0
<b>State #:</b> K-8251-14	<b>Fed #:</b>	<b>County:</b> JOHNSON	<b>Project Type:</b> Engineering (Roadway)		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Preliminary Engineering for grading, surfacing and bridges are for improvements to US-69 for expansion to a 6-Lane freeway. This project includes constructing US-69 to a 6-Lane section, constructing a portion of the US-69/I435 interchange, Signing, Pavement Marking, Lighting and ITS. Project is authorized for PE and ROW only. The total project cost, including all work phases, is estimated at \$102458K. This estimate should be used for planning purposes only.
Engineering	2016	Non-Federal	STATE-KS	\$3,100.0	<b>Amendment Description:</b> Revise budget to reflect the latest project cost estimates
Right-of-Way	2020	Non-Federal	STATE-KS	\$50.0	
Engineering	2016	Non-Federal	LOCAL	\$1,000.0	
<b>Federal Total:</b>		<b>Non-Federal Total:</b>	<b>\$4,150.0</b>	<b>Total:</b>	<b>\$4,150.0</b>

New  Deleted  Schedule  Budget  AirQuality  Scope

# Kansas

<b>TIP #:</b> 380137	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-35: JUST NORTH OF I-35/K-7, NORTH TO I-35/SANTA FE		
<b>State #:</b> KA-3560-01	<b>Fed #:</b> NHPP-0353(418)	<b>County:</b> JOHNSON	<b>Project Type:</b> Reconstruction	<b>Length (mi):</b> 2
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Engineering	2015	Non-Federal	STATE-KS	\$492.1
Construction	2015	Federal	NHPP-KS	\$16,882.9
Construction	2015	Non-Federal	STATE-KS	\$20.3
<b>Federal Total:</b>	<b>\$16,882.9</b>	<b>Non-Federal Total:</b>	<b>\$512.4</b>	<b>Total:</b> <b>\$17,395.3</b>
<b>Description:</b> Concrete pavement replacement on I-35 only. This project will include the repair of bridges # 315 thru #319. This project is located along a major interstate freight corridor. There are no pedestrian accommodations along this interstate section. Bus on shoulder operates within this section of the interstate.				
<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.				
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				

<b>TIP #:</b> 380148	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-435: BRIDGE #208 IN JOHNSON COUNTY, LOCATED AT THE I-435/MIDLAND DRIVE INTERCHANGE (NORTHBOUND LANES)(3.06 MILES SOUTH OF THE JOHNSON/WYANDOTTE COUNTY LINE)		
<b>State #:</b> KA-4275-03	<b>Fed #:</b>	<b>County:</b> JOHNSON	<b>Project Type:</b> Bridge Rehabilitation	<b>Length (mi):</b> 1
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Engineering		Non-Federal	STATE-KS	
Construction		Non-Federal	STATE-KS (AC)	
Construction		Non-Federal	STATE-KS	
Conversion		Federal	NHPP-KS	
Other		Non-Federal	CREDIT	
<b>Federal Total:</b>		<b>Non-Federal Total:</b>		<b>Total:</b>
<b>Description:</b> Bridge redeck				
<b>Amendment Description:</b> Project has been combined with #380149.				
<input type="checkbox"/> New <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				

<b>TIP #:</b> 380149	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-435: BRIDGES #207 & #208 IN JOHNSON COUNTY, LOCATED AT THE I-435/MIDLAND DRIVE INTERCHANGE (3.05 MILES SOUTH OF THE JOHNSON/WYANDOTTE COUNTY LINE)		
<b>State #:</b> KA-4275-02	<b>Fed #:</b>	<b>County:</b> JOHNSON	<b>Project Type:</b> Bridge Rehabilitation	<b>Length (mi):</b> 1
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Engineering	2017	Non-Federal	STATE-KS	\$217.8
Construction	2017	Non-Federal	STATE-KS (AC)	\$2,156.2
Construction	2017	Non-Federal	STATE-KS	\$239.6
Conversion	2019	Federal	NHPP-KS	\$2,156.2
Other	2019	Non-Federal	CREDIT	(\$2,156.2)
<b>Federal Total:</b>	<b>\$2,156.2</b>	<b>Non-Federal Total:</b>	<b>\$457.4</b>	<b>Total:</b> <b>\$2,613.6</b>
<b>Description:</b> Bridge redeck				
<b>Amendment Description:</b> Revise project to include work identified previously under #348148 and the addition of Advance Construction federal funds				
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				

# Kansas

<b>TIP #:</b> 380153	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-35: FROM 0.4 MILES SOUTH OF I-35/75TH ST., NORTH TO 0.2 MILES SOUTH OF I-35/67TH ST.		
<b>State #:</b> KA-4220-02	<b>Fed #:</b>	<b>County:</b> JOHNSON	<b>Project Type:</b> Reconstruction	<b>Length (mi):</b> 1
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Engineering	2017	Non-Federal	STATE-KS (AC)	\$985.3
Conversion	2023	Federal	FRP-KS	\$985.3
Other	2023	Non-Federal	CREDIT	(\$985.3)
Engineering	2017	Non-Federal	STATE-KS	\$109.5
<b>Federal Total:</b>	<b>\$985.3</b>	<b>Non-Federal Total:</b>	<b>\$109.5</b>	<b>Total:</b> <b>\$1,094.8</b>
<b>Description:</b> Widening of northbound and southbound lanes from 3 to 4-lane, increase northbound vertical clearance under 75th Street and modification of NB on-ramp and SB on & off-ramps. Project is authorized for PE ONLY. Project created after the completion of the location study under KA-4220-01. The PE work phase will utilize AC in the amount of \$985.3 K with conversion to FRP-KS in 2023. The total project cost, including all work phases, is estimated at \$21,347 K. This estimate should be used for planning purposes only.				
<b>Amendment Description:</b> New Project				
<input checked="" type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				

<b>TIP #:</b> 350214	<b>Juris:</b> OVERLAND PARK	<b>Location/Improvement:</b> METCALF AVENUE, 159TH STREET TO 167TH STREET		
<b>State #:</b> N-0648-01	<b>Fed #:</b> STP-N064(801)	<b>County:</b> JOHNSON	<b>Project Type:</b> Reconstruction	<b>Length (mi):</b> 1.0
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Construction	2018	Federal	STPM-KS	\$6,640.0
Construction	2018	Non-Federal	LOCAL	\$6,605.0
Engineering	2016	Non-Federal	LOCAL	\$1,000.0
Other	2017	Non-Federal	LOCAL	\$2,760.0
<b>Federal Total:</b>	<b>\$6,640.0</b>	<b>Non-Federal Total:</b>	<b>\$10,365.0</b>	<b>Total:</b> <b>\$17,005.0</b>
<b>Description:</b> Reconstruct unimproved 2-lane roadway to 4-lane thoroughfare with curb and gutter, sidewalks, raised median, turn lanes, storm sewers and streetlighting.				
<b>Amendment Description:</b> Revise budget to reflect the latest project cost estimates				
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				

<b>TIP #:</b> 880002	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> US-169: FRANKLIN-MIAMI COUNTY LINE TO 1.2 MILES SOUTHWEST OF K-7		
<b>State #:</b> KA-0735-01	<b>Fed #:</b> NHPP-A073(501)	<b>County:</b> MIAMI	<b>Project Type:</b> Resurfacing	<b>Length (mi):</b> 6
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>
Engineering	2010	Federal	NHPP-KS	\$458.9
Engineering	2010	Non-Federal	STATE-KS	\$17.1
Right-of-Way	2013	Non-Federal	STATE-KS	\$654.2
Other	2013	Non-Federal	STATE-KS	\$684.2
Construction	2013	Federal	NHPP-KS	\$11,273.8
Construction	2013	Non-Federal	STATE-KS	\$41.5
<b>Federal Total:</b>	<b>\$11,732.7</b>	<b>Non-Federal Total:</b>	<b>\$1,397.0</b>	<b>Total:</b> <b>\$13,129.7</b>
<b>Description:</b> Heavy Roadway Rehabilitation - 44 ft. roadway which includes 2 - 12 ft driving lanes and 10 ft. shoulders (6 ft. paved and 4 ft. turf). Project includes culvert extensions as warranted.				
<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.				
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope				



# Kansas

<b>TIP #:</b> 970099	<b>Juris:</b> MARC	<b>Location/Improvement:</b> OGL KANSAS OPERATIONS SUPPORT AND ENHANCEMENTS			<b>Length (mi):</b> N/A
<b>State #:</b>	<b>Fed #:</b>	<b>County:</b> REGIONAL	<b>Project Type:</b> Traffic Management		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> On going support of the regional arterial signal timing and communications that provides real-time operations for 22 agencies arterial operations and communications networks for support of 50% of the program costs. Includes ATMS enhancements. Funding is for both 2017 & 2018.
Operations	2017	Federal	STPM-KS	\$450.0	<b>Amendment Description:</b> Updated budget to reflect latest estimates.
Operations	2017	Non-Federal	LOCAL	\$450.0	
<b>Federal Total:</b>	<b>\$450.0</b>	<b>Non-Federal Total:</b>	<b>\$450.0</b>	<b>Total:</b>	<b>\$900.0</b>
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

<b>TIP #:</b> 980027	<b>Juris:</b> KC SCOUT	<b>Location/Improvement:</b> ADVANCE DMS FOR K-7/US-169			<b>Length (mi):</b> 6
<b>State #:</b> KA-4166-01	<b>Fed #:</b>	<b>County:</b> WYANDOTTE	<b>Project Type:</b> Traffic Management		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Installation of electronic signs, cameras, and speed detectors to provide travel information on K-7 between Bonner Springs and Lansing and US-169 near Paola
Construction	2017	Non-Federal	STATE-KS (AC)	\$260.0	<b>Amendment Description:</b> Revise budget to reflect the latest project cost estimates ad the use of Advance Construction
Construction	2017	Non-Federal	STATE-KS	\$1,040.0	
Engineering	2017	Non-Federal	STATE-KS	\$350.0	
Conversion	2018	Federal	CMAQ-KS	\$260.0	
Other	2018	Non-Federal	CREDIT	(\$260.0)	
<b>Federal Total:</b>	<b>\$260.0</b>	<b>Non-Federal Total:</b>	<b>\$1,390.0</b>	<b>Total:</b>	<b>\$1,650.0</b>
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

<b>TIP #:</b> 280102	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> I-70 AND K-7 INTERCHANGE; RIVERVIEW AVENUE OVERPASS, 0.9 MILES EAST OF K-7			<b>Length (mi):</b> .34
<b>State #:</b> KA-1003-06	<b>Fed #:</b> NHPP-0706(114)	<b>County:</b> WYANDOTTE	<b>Project Type:</b> Interchange Improvement		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Construct Riverview Avenue realignment; includes reconstruction of 122nd Street connection south of I-70. Multimodal considerations were evaluated for the entire interchange concept, and several are being implemented on individual phases of the project. On the local road network, bicycle and pedestrians have been accommodated with the design of sidewalks and shared use paths that follow the local municipalities transportation plan. While transit is not currently utilized in this part of the corridor, the geometrics of the interchange would accommodate those vehicle types if implemented in the future. Lastly, a conscious effort was made in regards to Park and Ride facilities, since one already exists unofficially at the KTA service yard in the NE loop ramp. Discussions were held with MARC and KDOT about creating new facilities versus using existing parking lots at local businesses, and a decision was made by the group to utilize existing infrastructure versus adding additional parking areas for use as Park and Ride facilities.
Engineering	2011	Non-Federal	STATE-KS	\$55.2	<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.
Engineering	2011	Federal	NHPP-KS	\$531.9	
Other	2013	Non-Federal	STATE-KS	\$268.6	
Construction	2013	Non-Federal	STATE-KS	\$18.4	
Construction	2013	Federal	NHPP-KS	\$4,879.8	
<b>Federal Total:</b>	<b>\$5,411.7</b>	<b>Non-Federal Total:</b>	<b>\$342.2</b>	<b>Total:</b>	<b>\$5,753.9</b>
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

# Kansas

**TIP #:** 280103      **Juris:** KDOT      **Location/Improvement:** I-70 AND K-7 INTERCHANGE; 118TH STREET OVERPASS, 1.3 MILES EAST OF K-7  
**State #:** KA-1003-07      **Fed #:** NHPP-0706(115)      **County:** WYANDOTTE      **Project Type:** Interchange Improvement      **Length (mi):** .25

Phase	Year of Obligation	Type	Source	Cost (\$1,000's)
Engineering	2011	Non-Federal	STATE-KS	\$48.8
Engineering	2011	Federal	NHPP-KS	\$648.5
Other	2013	Federal	NHPP-KS	\$112.5
Construction	2013	Non-Federal	STATE-KS	\$513.7
Construction	2013	Federal	NHPP-KS	\$5,430.5
<b>Federal Total:</b>	<b>\$6,191.5</b>	<b>Non-Federal Total:</b>	<b>\$562.5</b>	<b>Total:</b> <b>\$6,754.0</b>

**Description:** Construct the 118th Street Overpass. Multimodal considerations were evaluated for the entire interchange concept, and several are being implemented on individual phases of the project. On the local road network, bicycle and pedestrians have been accommodated with the design of sidewalks and shared use paths that follow the local municipalities transportation plan. For example, the Riverview Ave overpass and 118th Street overpass both incorporate these features on the bridge structures. While transit is not currently utilized in this part of the corridor, the geometrics of the interchange would accommodate those vehicle types if implemented in the future. Lastly, a conscious effort was made in regards to Park and Ride facilities, since one already exists unofficially at the KTA service yard in the NE loop ramp. Discussions were held with MARC and KDOT about creating new facilities versus using existing parking lots at local businesses, and a decision was made by the group to utilize existing infrastructure versus adding additional parking areas for use as Park and Ride facilities.

**Amendment Description:** Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.

New    Deleted    Schedule    Budget    AirQuality    Scope

**TIP #:** 280104      **Juris:** KDOT      **Location/Improvement:** I-70 FROM THE I-70/K-7 INTERCHANGE, EAST TO THE I-70/110TH ST. INTERCHANGE  
**State #:** KA-1003-08      **Fed #:** NHPP-0706(116)      **County:** WYANDOTTE      **Project Type:** Reconstruction      **Length (mi):** 3.0

Phase	Year of Obligation	Type	Source	Cost (\$1,000's)
Other	2012	Federal	NHPP-KS	\$616.0
Construction	2015	Non-Federal	STATE-KS	\$272.4
Construction	2015	Federal	NHPP-KS	\$22,009.3
Engineering	2011	Non-Federal	STATE-KS	\$117.8
Engineering	2011	Federal	NHPP-KS	\$1,543.4
Right-of-Way	2011	Non-Federal	STATE-KS	\$35.3
Right-of-Way	2011	Federal	NHPP-KS	\$6,046.0
Construction	2015	Non-Federal	KTA-KS	\$900.0
<b>Federal Total:</b>	<b>\$30,214.7</b>	<b>Non-Federal Total:</b>	<b>\$1,325.5</b>	<b>Total:</b> <b>\$31,540.2</b>

**Description:** Reconstruct I-70 to a 6-ln section with continuous acceleration and deceleration lanes from the I-70/K-7 interchange east to the I-70/110th St. interchange. Multimodal considerations were evaluated for the entire interchange concept, and several are being implemented on individual phases of the project. On the local road network, bicycle and pedestrians have been accommodated with the design of sidewalks and shared use paths that follow the local municipalities transportation plan. While transit is not currently utilized in this part of the corridor, the geometrics of the interchange would accommodate those vehicle types if implemented in the future. Lastly, a conscious effort was made in regards to Park and Ride facilities, since one already exists unofficially at the KTA service yard in the NE loop ramp. Discussions were held with MARC and KDOT about creating new facilities versus using existing parking lots at local businesses, and a decision was made by the group to utilize existing infrastructure versus adding additional parking areas for use as Park and Ride facilities.

**Amendment Description:** Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.

New    Deleted    Schedule    Budget    AirQuality    Scope

# Kansas

<b>TIP #:</b> 280107	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> BRIDGE #068 IN WYANDOTTE COUNTY ON US-73 LOCATED 1.77 MILES NORTH OF US-24 (PIPER CREEK)			
<b>State #:</b> KA-2092-01	<b>Fed #:</b> NHPP-A209(201)	<b>County:</b> WYANDOTTE	<b>Project Type:</b> Bridge Replacement	<b>Length (mi):</b> 0	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost(\$1,000's)</b>	<b>Description:</b> Bridge Replacement (southbound lanes) based on a 40 ft. roadway.
Engineering	2011	Federal	NHPP-KS	\$448.4	<b>Amendment Description:</b> Revise the source of local match to toll credits. The federal amount of NHPP-KS reflects the change to toll credits. The state amount reflects the non-participating amount of the project.
Engineering	2011	Non-Federal	STATE-KS	\$5.9	
Right-of-Way	2012	Non-Federal	STATE-KS	\$1.9	
Other	2013	Federal	NHPP-KS	\$64.0	
Construction	2014	Federal	NHPP-KS	\$1,973.5	
Construction	2014	Non-Federal	STATE-KS	\$12.3	
<b>Federal Total:</b>	<b>\$2,485.9</b>	<b>Non-Federal Total:</b>	<b>\$20.1</b>	<b>Total:</b>	
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

<b>TIP #:</b> 280111	<b>Juris:</b> KDOT	<b>Location/Improvement:</b> BRIDGE #033 IN WYANDOTTE COUNTY ON I-635 LOCATED 1.43 MILES NORTH OF I-35			
<b>State #:</b> KA-2093-01	<b>Fed #:</b> NHPP-6853(338)	<b>County:</b> WYANDOTTE	<b>Project Type:</b> Bridge Replacement	<b>Length (mi):</b> 0	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost(\$1,000's)</b>	<b>Description:</b> Bridge Replacement based on a 32 ft. roadway
Engineering	2011	Federal	NHPP-KS	\$518.8	<b>Amendment Description:</b> Adjusted budget and advance construction conversion to reflect latest estimates.
Engineering	2011	Non-Federal	STATE-KS	\$7.3	
Right-of-Way	2013	Non-Federal	STATE-KS	\$31.8	
Other	2013	Federal	NHPP-KS	\$57.5	
Construction	2014	Federal	NHPP-KS	\$2,582.2	
Construction	2014	Non-Federal	STATE-KS	\$1.8	
<b>Federal Total:</b>	<b>\$3,158.5</b>	<b>Non-Federal Total:</b>	<b>\$40.9</b>	<b>Total:</b>	
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

# Missouri

<b>TIP #:</b> 780007	<b>Juris:</b> HARRISONVILLE	<b>Location/Improvement:</b> JEFFERSON ST PEDESTRIAN WALKWAY			<b>Length (mi):</b> 0.5
<b>State #:</b>	<b>Fed #:</b> STP-2900(410)	<b>County:</b> CASS	<b>Project Type:</b> Pedestrian and/or Bikeways		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Sidewalk improvements on the west side of Jefferson Street, from Locust Street to the Harrisonville Community Center
Engineering	2016	Non-Federal	LOCAL	\$41.0	<b>Amendment Description:</b> New Project
Construction	2017	Federal	STP-MO	\$100.0	
Construction	2017	Non-Federal	LOCAL	\$146.0	
<b>Federal Total:</b>	<b>\$100.0</b>	<b>Non-Federal Total:</b>	<b>\$187.0</b>	<b>Total:</b>	<b>\$287.0</b>
<input checked="" type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope					

<b>TIP #:</b> 690394	<b>Juris:</b> MODOT	<b>Location/Improvement:</b> I-435 PAVEMENT AND BRIDGE IMPROVEMENTS			<b>Length (mi):</b> 5
<b>State #:</b> 412337	<b>Fed #:</b>	<b>County:</b> JACKSON	<b>Project Type:</b> Engineering (Roadway)		
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b> Corridor improvements from the Kansas state line to just west of I-49
Engineering	2018	Federal	NHPP-MO	\$3,400.0	<b>Amendment Description:</b> Updated budget to reflect latest estimates and included funding for the construction phase of the project.
Engineering	2018	Non-Federal	STATE-MO	\$378.0	
Construction	2018	Federal	NHPP-MO	\$27,540.0	
Construction	2018	Non-Federal	STATE-MO	\$3,060.0	
Engineering	2014	Non-Federal	STATE-MO	\$3.0	
Engineering	2014	Federal	NHPP-MO	\$24.0	
Engineering	2015	Non-Federal	STATE-MO	\$5.0	
Engineering	2015	Federal	NHPP-MO	\$45.0	
Engineering	2016	Non-Federal	STATE-MO	\$10.0	
Engineering	2016	Federal	NHPP-MO	\$90.0	
Engineering	2013	Federal	NHPP-MO	\$42.0	
Engineering	2013	Non-Federal	STATE-MO	\$5.0	
Engineering	2017	Federal	NHPP-MO	\$135.0	
Engineering	2017	Non-Federal	STATE-MO	\$15.0	
Engineering	2019	Non-Federal	STATE-MO	\$325.0	
Engineering	2019	Federal	NHPP-MO	\$2,985.0	
Construction	2019	Non-Federal	STATE-MO	\$3,060.0	
Construction	2019	Federal	NHPP-MO	\$27,540.0	
Other	2018	Federal	NHPP-MO	\$720.0	
Other	2018	Non-Federal	STATE-MO	\$80.0	
Right-of-Way	2018	Federal	NHPP-MO	\$90.0	
Right-of-Way	2018	Non-Federal	STATE-MO	\$10.0	
<b>Federal Total:</b>	<b>\$62,611.0</b>	<b>Non-Federal Total:</b>	<b>\$6,951.0</b>	<b>Total:</b>	<b>\$69,562.0</b>
<input type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input checked="" type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input checked="" type="checkbox"/> Scope					

# Missouri

<b>TIP #:</b> 690460		<b>Juris:</b> MODOT		<b>Location/Improvement:</b> I-435 SCOPING FOR PAVEMENT IMPROVEMENTS FROM RTE. W (BANNISTER ROAD) TO THE KANSAS STATE LINE		
<b>State #:</b> 413123	<b>Fed #:</b>	<b>County:</b> JACKSON	<b>Project Type:</b> Resurfacing		<b>Length (mi):</b> 5	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost(\$1,000's)</b>	<b>Description:</b>	I-435 Scoping for pavement improvements from Rte. W (Bannister Road) to the Kansas state line
Engineering		Federal	NHPP-MO		<b>Amendment Description:</b> This project has been combined with #690394 and will be deleted	
Engineering		Non-Federal	STATE-MO			
Engineering		Federal	NHPP-MO			
Engineering		Non-Federal	STATE-MO			
<b>Federal Total:</b>		<b>Non-Federal Total:</b>		<b>Total:</b>		
<input type="checkbox"/> New <input checked="" type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope						

<b>TIP #:</b> 990295		<b>Juris:</b> MODOT		<b>Location/Improvement:</b> HIGH FRICTION SURFACE TREATMENT IN VARIOUS LOCATIONS IN THE KANSAS CITY DISTRICT		
<b>State #:</b> 4P3231	<b>Fed #:</b>	<b>County:</b> REGIONAL	<b>Project Type:</b> Safety		<b>Length (mi):</b> N/A	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost(\$1,000's)</b>	<b>Description:</b>	High friction surface treatment in various locations in the Kansas City District
Engineering	2017	Federal	NHPP-MO	\$8.0	<b>Amendment Description:</b> New Project	
Engineering	2017	Non-Federal	STATE-MO	\$2.0		
Construction	2017	Federal	NHPP-MO	\$214.4		
Construction	2017	Non-Federal	STATE-MO	\$53.6		
<b>Federal Total:</b>	<b>\$222.4</b>	<b>Non-Federal Total:</b> \$55.6		<b>Total:</b> \$278.0		
<input checked="" type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope						

<b>TIP #:</b> 990296		<b>Juris:</b> MODOT		<b>Location/Improvement:</b> PRIORITY SIGNAL COMMUNICATION INFRASTRUCTURE		
<b>State #:</b>	<b>Fed #:</b>	<b>County:</b> REGIONAL	<b>Project Type:</b> Traffic Management		<b>Length (mi):</b> N/A	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost(\$1,000's)</b>	<b>Description:</b>	The installation of communication equipment will connect traffic signals to the MoDOT central server. This communication equipment includes fiber optic cable, wireless radios, telecommunication switches and pan-tilt-zoom cameras. The routes to be included will be MO-12 (Truman Rd.) in Independence, MO-92 in Platte City, MO-92 in Kearney and Route D (Cookingham Dr. by KCI).
Construction	2020	Federal	CMAQ-MO	\$615.0	<b>Amendment Description:</b> New Project	
Construction	2020	Non-Federal	STATE-MO	\$455.0		
<b>Federal Total:</b>	<b>\$615.0</b>	<b>Non-Federal Total:</b> \$455.0		<b>Total:</b> \$1,070.0		
<input checked="" type="checkbox"/> New <input type="checkbox"/> Deleted <input type="checkbox"/> Schedule <input type="checkbox"/> Budget <input type="checkbox"/> AirQuality <input type="checkbox"/> Scope						

# Transit

TIP #: 630056		Juris: KCATA		Location/Improvement: TRANSIT WAY LINES		
State #:	Fed #:	County: REGIONAL	Project Type: Transit (Capital)		Length (mi):	N/A
Phase	Year of Obligation	Type	Source	Cost (\$1,000's)	Description:	
Engineering	2017	Non-Federal	LOCAL	\$843.8	Preliminary Engineering, Final Design, Right of Way, Construction of Bus Rapid Transit	
Right-of-Way	2018	Non-Federal	LOCAL	\$562.5		
Other	2018	Federal	5309	\$8,000.0		
Other	2018	Non-Federal	LOCAL	\$2,000.0		
Other	2016	Federal	5307	\$2,640.0		
Other	2016	Non-Federal	LOCAL	\$660.0		
Other	2017	Federal	5309	\$10,000.0		
Other	2017	Non-Federal	LOCAL	\$2,500.0		
Construction	2019	Federal	STPM-MO	\$4,500.0		
Construction	2019	Non-Federal	LOCAL	\$1,125.0		
<b>Federal Total:</b>	<b>\$25,140.0</b>	<b>Non-Federal Total:</b>	<b>\$7,691.3</b>	<b>Total:</b>	<b>\$32,831.3</b>	

New 
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  Schedule 
  Budget 
  AirQuality 
  Scope

TIP #: 995002		Juris: KCATA		Location/Improvement: REVENUE ROLLING STOCK INCLUDING VANPOOL PROGRAM EXPANSION				
State #:	Fed #:	County: REGIONAL	Project Type: Transit (Capital)		Length (mi):	N/A		
Phase	Year of Obligation	Type	Source	Cost (\$1,000's)	Description:			
Other	2016	Federal	5339	\$3,000.0	Replacement Buses, Associated Capital Equipment, Fareboxes, Vans			
Other	2017	Federal	5339	\$6,000.0				
Other	2016	Non-Federal	LOCAL	\$530.0				
Other	2018	Federal	5309	\$1,000.0				
Other	2018	Non-Federal	LOCAL	\$2,055.0				
Other	2017	Non-Federal	LOCAL	\$3,547.0				
Other	2018	Federal	5339	\$8,650.0				
Other	2019	Federal	5307	\$1,250.0				
Other	2019	Federal	5339	\$2,250.0				
Other	2019	Non-Federal	LOCAL	\$617.0				
Other	2020	Federal	5339	\$2,500.0				
Other	2020	Federal	5307	\$1,500.0				
Other	2020	Non-Federal	LOCAL	\$706.0				
Other	2017	Federal	5307	\$7,100.0				
<b>Federal Total:</b>	<b>\$33,250.0</b>	<b>Non-Federal Total:</b>	<b>\$7,455.0</b>	<b>Total:</b>			<b>\$40,705.0</b>	

New 
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  Schedule 
  Budget 
  AirQuality 
  Scope

# Transit

<b>TIP #:</b> 995198		<b>Juris:</b> KCATA		<b>Location/Improvement:</b> MOBILITY ON DEMAND SANDBOX DEMONSTRATION PROGRAM		<b>Length (mi):</b> N/A
<b>State #:</b>		<b>Fed #:</b>		<b>County:</b> REGIONAL	<b>Project Type:</b> Transit (Capital)	
<b>Phase</b>	<b>Year of Obligation</b>	<b>Type</b>	<b>Source</b>	<b>Cost (\$1,000's)</b>	<b>Description:</b>	
Other	2017	Federal	5312	\$570.4	RideKC Freedom Platform activities including purchase of vehicles, smartphones, software development, technical support, project management, outreach and evaluation activities.	
Other	2017	Non-Federal	LOCAL	\$142.6	<b>Amendment Description:</b> New Project	
<b>Federal Total:</b>	<b>\$570.4</b>	<b>Non-Federal Total:</b>	<b>\$142.6</b>	<b>Total:</b>	<b>\$713.0</b>	

New
  Deleted
  Schedule
  Budget
  AirQuality
  Scope

# TRANSPORTATION IMPROVEMENT PROGRAM

## Financial Plan Updates

Approval of the 2017 1<sup>st</sup> Quarter Amendment to the 2016–2020 Transportation Improvement Program (TIP) will require tables from the financial plan of the 2016–2020 TIP, adopted on October 27, 2015 and amended on April 26, 2016, May 24, 2016, June 28, 2016, July 25, 2016, August 23, 2016, October 25, 2016, December 20, 2016 and January 24, 2017 (scheduled) to be modified as shown in Tables 1 – 3. The tables from the December 20, 2016 amendment are provided for comparison in Tables 4 – 6.

Table 1

Estimated Revenues by Year and Funding Source (\$1,000's)						
State	Source	2016	2017	2018	2019	2020
Kansas	CMAQ-KS	\$1,698.00	\$1,183.00	\$1,109.00	\$1,722.50	\$1,884.00
	AC Conversion	(\$104,917.99)	(\$102,591.50)	(\$33,398.00)	(\$24,281.20)	(\$3,080.00)
	FRP-KS	\$0.00	\$20,221.00	\$0.00	\$0.00	\$0.00
	HSIP-KS	\$1,114.91	\$1,250.00	\$794.23	\$750.00	\$750.00
	LOCAL	\$259,117.47	\$264,973.53	\$270,961.93	\$277,085.67	\$283,347.81
	LOCAL (AC)	\$200.00	\$2,013.00	\$0.00	\$330.00	\$0.00
	NHPP-KS	\$97,587.32	\$81,348.50	\$30,375.00	\$23,531.20	\$0.00
	STATE-KS	\$22,420.20	\$8,708.20	\$3,432.70	\$450.00	\$50.00
	STATE-KS (AC)	\$25,315.50	\$52,686.50	\$10,640.00	\$750.00	\$750.00
	STP-KS	\$1,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00
	STPM-KS	\$13,103.53	\$9,160.00	\$10,390.00	\$11,850.00	\$13,240.00
	TA-KS	\$1,218.08	\$2,561.60	\$1,790.00	\$1,138.00	\$1,138.00
	TE-KS	\$515.02	\$0.00	\$0.00	\$0.00	\$0.00
Missouri	BR-MO	\$4,455.20	\$0.00	\$0.00	\$0.00	\$0.00
	BRO-MO	\$1,403.50	\$3,362.00	\$1,096.00	\$0.00	\$0.00
	CMAQ-MO	\$3,761.12	\$1,524.00	\$206.00	\$2,112.10	\$1,846.00
	AC Conversion	(\$2,415.00)	(\$14,036.60)	(\$8,904.00)	(\$460.00)	\$0.00
	FLAP-MO	\$503.78	\$274.00	\$0.00	\$0.00	\$0.00
	HSIP-MO	\$2,632.00	\$2,105.00	\$158.00	\$0.00	\$0.00
	LOCAL	\$334,169.69	\$341,721.93	\$349,444.84	\$357,342.30	\$365,418.23
	LOCAL (AC)	\$0.00	\$6,800.00	\$0.00	\$0.00	\$0.00
	NHPP-MO	\$45,012.00	\$110,560.40	\$173,775.90	\$62,629.00	\$9,107.00
	NHS-MO	\$0.00	\$16.00	\$16.00	\$16.00	\$32.00
	PRIVATE	\$3,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$0.00	\$0.00	\$1,705.00	\$0.00	\$0.00
	STATE-MO	\$12,114.00	\$21,593.98	\$29,570.22	\$13,013.60	\$4,125.60
	STATE-MO (AC)	\$15,227.60	\$2,099.00	\$457.00	\$1.00	\$1,571.00
	STPM-MO	\$18,530.00	\$36,240.50	\$25,700.00	\$13,311.56	\$18,607.64
	STP-MO	\$3,703.66	\$7,230.60	\$5,060.60	\$7,874.20	\$4,808.60
	TA-MO	\$2,813.80	\$9,105.25	\$2,157.80	\$1,750.00	\$1,652.21
	TCSP-MO	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00
TE-MO	\$222.00	\$0.00	\$0.00	\$0.00	\$0.00	



Regional	CMAQ-KS	\$475.07	\$635.51	\$570.67	\$393.75	\$393.75
	CMAQ-MO	\$893.75	\$393.75	\$393.75	\$393.75	\$393.75
	AC Conversion	(\$3,016.00)	\$0.00	(\$2,400.00)	\$0.00	\$0.00
	LOCAL	\$767.41	\$586.62	\$120.50	\$1,014.93	\$776.18
	NHPP-KS	\$616.00	\$0.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$250.00	\$1,705.00	\$0.00	\$0.00	\$0.00
	STATE-MO (AC)	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00
	STPM-KS	\$163.00	\$1,200.00	\$0.00	\$565.00	\$210.00
	STPM-MO	\$382.93	\$600.00	\$0.00	\$1,090.00	\$490.00
	STP-MO	\$2,400.00	\$0.00	\$2,400.00	\$0.00	\$0.00
Transit	5307	\$24,907.40	\$29,782.70	\$20,418.10	\$21,181.40	\$21,969.80
	5309	\$0.00	\$10,000.00	\$9,000.00	\$0.00	\$0.00
	5310	\$0.00	\$2,207.41	\$1,100.00	\$1,100.00	\$1,100.00
	5311	\$81.24	\$35.40	\$0.00	\$0.00	\$0.00
	5312	\$0.00	\$570.40	\$0.00	\$0.00	\$0.00
	5337	\$1,000.00	\$1,040.00	\$1,082.00	\$1,125.00	\$1,170.00
	5339	\$3,000.00	\$6,000.00	\$8,650.00	\$2,250.00	\$2,500.00
	CMAQ-KS	\$1,574.89	\$381.11	\$1,353.36	\$935.04	\$688.00
	CMAQ-MO	\$1,018.00	\$1,008.00	\$1,285.99	\$410.00	\$288.00
	LOCAL	\$125,863.47	\$128,237.22	\$130,661.35	\$133,136.98	\$135,665.25
	STPM-KS	\$988.35	\$3,100.45	\$3,180.00	\$735.00	\$0.00
	STPM-MO	\$0.00	\$150.00	\$0.00	\$4,500.00	\$0.00

	Kansas Subtotal	\$318,372.04	\$341,513.83	\$296,094.86	\$293,326.17	\$300,079.81
	Missouri Subtotal	\$445,373.35	\$532,596.06	\$580,443.36	\$457,589.76	\$407,168.28
	Regional Subtotal	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
	Transit	\$158,433.35	\$182,512.69	\$176,730.80	\$165,373.42	\$163,381.05

	Subtotal by Year	\$925,110.89	\$1,064,143.46	\$1,054,353.94	\$919,746.78	\$872,892.82
	Total	\$4,836,247.88				

Table 2

Estimated Expenditures by Year and Funding Source (\$1,000's)						
State	Source	2016	2017	2018	2019	2020
Kansas	CMAQ-KS	\$1,698.00	\$1,063.00	\$846.00	\$1,722.50	\$1,884.00
	FRP-KS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	HSIP-KS	\$364.91	\$500.00	\$44.23	\$0.00	\$0.00
	LOCAL	\$51,279.54	\$29,268.78	\$25,985.91	\$25,148.35	\$44,100.50
	LOCAL (AC)	\$200.00	\$2,013.00	\$0.00	\$330.00	\$0.00
	NHPP-KS	\$90.10	\$48.00	\$0.00	\$0.00	\$0.00

	STATE-KS	\$22,420.20	\$8,708.20	\$3,432.70	\$450.00	\$50.00	
	STATE-KS (AC)	\$25,315.50	\$52,686.50	\$10,640.00	\$750.00	\$750.00	
	STP-KS	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	
	STPM-KS	\$6,432.77	\$9,160.00	\$8,640.00	\$11,850.00	\$13,240.00	
	TA-KS	\$1,218.08	\$2,361.60	\$1,790.00	\$1,138.00	\$808.00	
	TE-KS	\$515.02	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Missouri</b>	BR-MO	\$4,455.20	\$0.00	\$0.00	\$0.00	\$0.00	
	BRO-MO	\$1,403.50	\$3,362.00	\$1,096.00	\$0.00	\$0.00	
	CMAQ-MO	\$3,761.12	\$1,524.00	\$206.00	\$2,112.10	\$1,846.00	
	FLAP-MO	\$503.78	\$274.00	\$0.00	\$0.00	\$0.00	
	HSIP-MO	\$2,632.00	\$2,105.00	\$158.00	\$0.00	\$0.00	
	LOCAL	\$52,356.26	\$52,660.91	\$23,432.54	\$38,660.74	\$22,388.85	
	LOCAL (AC)	\$0.00	\$6,800.00	\$0.00	\$0.00	\$0.00	
	NHPP-MO	\$42,597.00	\$99,986.40	\$171,671.90	\$62,169.00	\$9,107.00	
	NHS-MO	\$0.00	\$16.00	\$16.00	\$16.00	\$32.00	
	PRIVATE	\$3,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00	
	STATE-KS	\$0.00	\$0.00	\$1,705.00	\$0.00	\$0.00	
	STATE-MO	\$12,114.00	\$21,593.98	\$29,570.22	\$13,013.60	\$4,125.60	
	STATE-MO (AC)	\$15,227.60	\$2,099.00	\$457.00	\$1.00	\$1,571.00	
	STPM-MO	\$18,530.00	\$36,240.50	\$18,900.00	\$13,311.56	\$18,607.64	
	STP-MO	\$3,703.66	\$3,768.00	\$5,060.60	\$7,874.20	\$4,808.60	
	TA-MO	\$2,813.80	\$9,105.25	\$2,157.80	\$1,750.00	\$1,652.21	
	TCSP-MO	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00	
	TE-MO	\$222.00	\$0.00	\$0.00	\$0.00	\$0.00	
	<b>Regional</b>	CMAQ-KS	\$475.07	\$635.51	\$570.67	\$393.75	\$393.75
		CMAQ-MO	\$893.75	\$393.75	\$393.75	\$393.75	\$393.75
LOCAL		\$767.41	\$586.62	\$120.50	\$1,014.93	\$776.18	
NHPP-KS		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
STATE-KS		\$250.00	\$1,705.00	\$0.00	\$0.00	\$0.00	
STATE-MO (AC)		\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00	
STPM-KS		\$163.00	\$1,200.00	\$0.00	\$565.00	\$210.00	
STPM-MO		\$382.93	\$600.00	\$0.00	\$1,090.00	\$490.00	
STP-MO		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Transit</b>	5307	\$24,907.40	\$29,782.70	\$20,418.10	\$21,181.40	\$21,969.80	
	5309	\$0.00	\$10,000.00	\$9,000.00	\$0.00	\$0.00	
	5310	\$0.00	\$2,207.41	\$0.00	\$0.00	\$0.00	
	5311	\$81.24	\$35.40	\$0.00	\$0.00	\$0.00	
	5312	\$0.00	\$570.40	\$0.00	\$0.00	\$0.00	
	5337	\$1,000.00	\$1,040.00	\$1,082.00	\$1,125.00	\$1,170.00	
	5339	\$3,000.00	\$6,000.00	\$8,650.00	\$2,250.00	\$2,500.00	

	CMAQ-KS	\$1,574.89	\$381.11	\$1,353.36	\$935.04	\$688.00
	CMAQ-MO	\$1,018.00	\$1,008.00	\$1,285.99	\$410.00	\$288.00
	LOCAL	\$89,683.50	\$94,789.34	\$92,535.64	\$92,107.41	\$94,324.50
	STPM-KS	\$988.35	\$3,100.45	\$3,180.00	\$735.00	\$0.00
	STPM-MO	\$0.00	\$150.00	\$0.00	\$4,500.00	\$0.00

	Kansas Subtotal	\$110,534.12	\$105,809.08	\$51,378.84	\$41,388.85	\$60,832.50
	Missouri Subtotal	\$163,559.92	\$243,535.04	\$254,431.06	\$138,908.20	\$64,138.90
	Regional Subtotal	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
	Transit	\$122,253.38	\$149,064.81	\$137,505.09	\$123,243.85	\$120,940.30

	Subtotal by Year	\$399,279.58	\$505,929.81	\$444,399.91	\$306,998.33	\$248,175.38
	Total	\$1,904,783.01				

Table 3

Estimated Revenues vs. Expenditures (\$1,000's)					
	2016	2017	2018	2019	2020
<b>Kansas Revenue</b>	\$318,372.04	\$341,513.83	\$296,094.86	\$293,326.17	\$300,079.81
<b>Kansas O&amp;M Expenditure</b>	\$34,399.20	\$35,431.18	\$36,494.11	\$37,588.93	\$38,716.60
<b>Kansas Project Expenditure</b>	\$110,534.12	\$105,809.08	\$51,378.84	\$41,388.85	\$60,832.50
<b>Difference</b>	\$173,438.72	\$200,273.57	\$208,221.91	\$214,348.39	\$200,530.71
<b>Missouri Revenue</b>	\$445,373.35	\$532,596.06	\$580,443.36	\$457,589.76	\$407,168.28
<b>Missouri O&amp;M Expenditure</b>	\$55,953.82	\$57,632.44	\$59,361.41	\$61,142.25	\$62,976.52
<b>Missouri Project Expenditure</b>	\$163,559.92	\$243,535.04	\$254,431.06	\$138,908.20	\$64,138.90
<b>Difference</b>	\$225,859.61	\$231,428.58	\$266,650.89	\$257,539.31	\$280,052.86
<b>Transit Revenue</b>	\$158,433.35	\$182,512.69	\$176,730.80	\$165,373.42	\$163,381.05
<b>Transit O&amp;M Expenditure</b>	\$93,301.14	\$96,100.48	\$98,983.50	\$101,953.00	\$105,011.59
<b>Transit O&amp;M TIP Project Expenditure</b>	\$94,337.40	\$92,134.00	\$90,843.00	\$92,870.00	\$96,285.00
<b>Remaining Transit O&amp;M</b>	\$0.00	\$3,966.48	\$8,140.50	\$9,083.00	\$8,726.59
<b>Transit Project Expenditure (Non O&amp;M)</b>	\$27,915.98	\$56,930.81	\$46,662.09	\$30,373.85	\$24,655.30
<b>Difference</b>	\$36,179.97	\$29,481.39	\$31,085.21	\$33,046.57	\$33,714.15
<b>Regional Revenue</b>	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
<b>Regional Expenditure</b>	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
<b>Difference</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Total Revenue</b>	\$925,110.89	\$1,064,143.46	\$1,054,353.94	\$919,746.78	\$872,892.82
<b>Total Expenditure</b>	\$489,632.60	\$602,959.91	\$548,395.93	\$414,812.52	\$358,595.10
<b>Difference</b>	\$435,478.30	\$461,183.55	\$505,958.01	\$504,934.26	\$514,297.72

Table 4

Estimated Revenues by Year and Funding Source (\$1,000's)						
State	Source	2016	2017	2018	2019	2020
Kansas	CMAQ-KS	\$1,698.00	\$1,183.00	\$1,109.00	\$1,722.50	\$1,884.00
	AC Conversion	(\$104,917.99)	(\$120,200.00)	(\$33,138.00)	(\$22,125.00)	(\$3,080.00)
	FRP-KS	\$0.00	\$20,221.00	\$0.00	\$0.00	\$0.00
	HSIP-KS	\$1,114.91	\$1,250.00	\$794.23	\$750.00	\$750.00
	LOCAL	\$259,117.47	\$264,973.53	\$270,961.93	\$277,085.67	\$283,347.81
	LOCAL (AC)	\$200.00	\$2,013.00	\$0.00	\$330.00	\$0.00
	NHPP-KS	\$97,587.32	\$98,957.00	\$30,375.00	\$21,375.00	\$0.00
	STATE-KS	\$19,538.00	\$9,147.10	\$3,497.70	\$450.00	\$0.00
	STATE-KS (AC)	\$25,315.50	\$49,285.00	\$10,640.00	\$750.00	\$750.00
	STP-KS	\$1,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00
	STPM-KS	\$13,103.53	\$9,160.00	\$10,390.00	\$11,850.00	\$13,240.00
	TA-KS	\$1,890.88	\$1,948.00	\$1,790.00	\$1,138.00	\$1,138.00
	TE-KS	\$515.02	\$0.00	\$0.00	\$0.00	\$0.00
Missouri	BR-MO	\$4,455.20	\$0.00	\$0.00	\$0.00	\$0.00
	BRO-MO	\$1,403.50	\$3,362.00	\$1,096.00	\$0.00	\$0.00
	CMAQ-MO	\$3,761.12	\$1,524.00	\$206.00	\$2,112.10	\$1,231.00
	AC Conversion	(\$2,415.00)	(\$14,036.60)	(\$8,904.00)	(\$460.00)	\$0.00
	FLAP-MO	\$503.78	\$274.00	\$0.00	\$0.00	\$0.00
	HSIP-MO	\$2,632.00	\$2,105.00	\$158.00	\$0.00	\$0.00
	LOCAL	\$334,169.69	\$341,721.93	\$349,444.84	\$357,342.30	\$365,418.23
	LOCAL (AC)	\$0.00	\$6,800.00	\$0.00	\$0.00	\$0.00
	NHPP-MO	\$44,927.00	\$110,207.00	\$142,025.90	\$32,104.00	\$9,107.00
	NHS-MO	\$0.00	\$16.00	\$16.00	\$16.00	\$32.00
	PRIVATE	\$3,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$0.00	\$0.00	\$1,705.00	\$0.00	\$0.00
	STATE-MO	\$12,107.00	\$21,524.38	\$26,042.22	\$9,628.60	\$3,760.60
	STATE-MO (AC)	\$15,227.60	\$2,099.00	\$457.00	\$1.00	\$1,571.00
	STPM-MO	\$18,530.00	\$36,240.50	\$25,700.00	\$13,311.56	\$18,607.64
	STP-MO	\$3,703.66	\$7,130.60	\$5,060.60	\$7,874.20	\$4,808.60
	TA-MO	\$2,813.80	\$9,105.25	\$2,157.80	\$1,750.00	\$1,652.21
	TCSP-MO	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00
	TE-MO	\$222.00	\$0.00	\$0.00	\$0.00	\$0.00
Regional	CMAQ-KS	\$475.07	\$635.51	\$570.67	\$393.75	\$393.75
	CMAQ-MO	\$893.75	\$393.75	\$393.75	\$393.75	\$393.75
	AC Conversion	(\$3,016.00)	\$0.00	(\$2,400.00)	\$0.00	\$0.00
	LOCAL	\$767.41	\$586.62	\$120.50	\$1,014.93	\$776.18
	NHPP-KS	\$616.00	\$0.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$250.00	\$1,705.00	\$0.00	\$0.00	\$0.00
	STATE-MO (AC)	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00
	STPM-KS	\$163.00	\$1,200.00	\$0.00	\$565.00	\$210.00
	STPM-MO	\$382.93	\$600.00	\$0.00	\$1,090.00	\$490.00
STP-MO	\$2,400.00	\$0.00	\$2,400.00	\$0.00	\$0.00	

Transit	5307	\$24,907.40	\$27,782.70	\$21,418.10	\$21,181.40	\$21,969.80
	5309	\$0.00	\$10,200.00	\$8,000.00	\$0.00	\$0.00
	5310	\$0.00	\$2,207.41	\$1,100.00	\$1,100.00	\$1,100.00
	5311	\$81.24	\$35.40	\$0.00	\$0.00	\$0.00
	5337	\$1,000.00	\$3,040.00	\$3,082.00	\$1,125.00	\$1,170.00
	5339	\$3,000.00	\$2,000.00	\$2,100.00	\$2,250.00	\$2,500.00
	CMAQ-KS	\$1,574.89	\$381.11	\$1,353.36	\$935.04	\$688.00
	CMAQ-MO	\$1,018.00	\$1,008.00	\$1,285.99	\$410.00	\$288.00
	LOCAL	\$125,863.47	\$128,237.22	\$130,661.35	\$133,136.98	\$135,665.25
	STPM-KS	\$988.35	\$3,100.45	\$3,180.00	\$735.00	\$0.00
	STPM-MO	\$0.00	\$150.00	\$0.00	\$4,500.00	\$0.00

	Kansas Subtotal	\$316,162.64	\$337,937.63	\$296,419.86	\$293,326.17	\$300,029.81
	Missouri Subtotal	\$445,281.35	\$532,073.06	\$545,165.36	\$423,679.76	\$406,188.28
	Regional Subtotal	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
	Transit	\$158,433.35	\$178,142.29	\$172,180.80	\$165,373.42	\$163,381.05

	Subtotal by Year	\$922,809.49	\$1,055,673.86	\$1,014,850.94	\$885,836.78	\$871,862.82
	Total	\$4,751,033.88				

Table 5

Estimated Expenditures by Year and Funding Source (\$1,000's)						
State	Source	2016	2017	2018	2019	2020
Kansas	CMAQ-KS	\$1,698.00	\$1,063.00	\$846.00	\$1,722.50	\$1,884.00
	FRP-KS	\$0.00	\$20,221.00	\$0.00	\$0.00	\$0.00
	HSIP-KS	\$364.91	\$500.00	\$44.23	\$0.00	\$0.00
	LOCAL	\$50,146.74	\$27,850.13	\$21,034.66	\$25,148.35	\$44,100.50
	LOCAL (AC)	\$200.00	\$2,013.00	\$0.00	\$330.00	\$0.00
	NHPP-KS	\$90.10	\$48.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$19,538.00	\$9,147.10	\$3,497.70	\$450.00	\$0.00
	STATE-KS (AC)	\$25,315.50	\$49,285.00	\$10,640.00	\$750.00	\$750.00
	STP-KS	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
	STPM-KS	\$6,432.77	\$9,160.00	\$8,640.00	\$11,850.00	\$13,240.00
	TA-KS	\$1,890.88	\$1,748.00	\$1,790.00	\$1,138.00	\$808.00
	TE-KS	\$515.02	\$0.00	\$0.00	\$0.00	\$0.00
	Missouri	BR-MO	\$4,455.20	\$0.00	\$0.00	\$0.00
BRO-MO		\$1,403.50	\$3,362.00	\$1,096.00	\$0.00	\$0.00
CMAQ-MO		\$3,761.12	\$1,524.00	\$206.00	\$2,112.10	\$1,231.00
FLAP-MO		\$503.78	\$274.00	\$0.00	\$0.00	\$0.00

	HSIP-MO	\$2,632.00	\$2,105.00	\$158.00	\$0.00	\$0.00
	LOCAL	\$52,315.26	\$52,514.91	\$23,432.54	\$38,660.74	\$22,388.85
	LOCAL (AC)	\$0.00	\$6,800.00	\$0.00	\$0.00	\$0.00
	NHPP-MO	\$42,512.00	\$99,633.00	\$139,921.90	\$31,644.00	\$9,107.00
	NHS-MO	\$0.00	\$16.00	\$16.00	\$16.00	\$32.00
	PRIVATE	\$3,000.00	\$4,000.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$0.00	\$0.00	\$1,705.00	\$0.00	\$0.00
	STATE-MO	\$12,107.80	\$21,524.38	\$26,042.22	\$9,628.60	\$3,670.60
	STATE-MO (AC)	\$15,227.60	\$2,099.00	\$457.00	\$1.00	\$1,571.00
	STPM-MO	\$18,530.00	\$36,240.50	\$18,900.00	\$13,311.56	\$18,607.64
	STP-MO	\$3,703.66	\$3,668.00	\$5,060.60	\$7,874.20	\$4,808.60
	TA-MO	\$2,813.80	\$9,105.25	\$2,157.80	\$1,750.00	\$1,652.21
	TCSP-MO	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00
	TE-MO	\$222.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Regional</b>	CMAQ-KS	\$475.07	\$635.51	\$570.67	\$393.75	\$393.75
	CMAQ-MO	\$893.75	\$393.75	\$393.75	\$393.75	\$393.75
	LOCAL	\$767.41	\$586.62	\$120.50	\$1,014.93	\$776.18
	NHPP-KS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	STATE-KS	\$250.00	\$1,705.00	\$0.00	\$0.00	\$0.00
	STATE-MO (AC)	\$0.00	\$2,400.00	\$0.00	\$0.00	\$0.00
	STPM-KS	\$163.00	\$1,200.00	\$0.00	\$565.00	\$210.00
	STPM-MO	\$382.93	\$600.00	\$0.00	\$1,090.00	\$490.00
	STP-MO	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Transit</b>	5307	\$24,907.40	\$27,782.70	\$21,418.10	\$21,181.40	\$21,969.80
	5309	\$0.00	\$10,200.00	\$8,000.00	\$0.00	\$0.00
	5311	\$81.24	\$35.40	\$0.00	\$0.00	\$0.00
	5337	\$1,000.00	\$3,040.00	\$3,082.00	\$1,125.00	\$1,170.00
	5339	\$3,000.00	\$2,000.00	\$2,100.00	\$2,250.00	\$2,500.00
	CMAQ-KS	\$1,574.89	\$381.11	\$1,353.36	\$935.04	\$688.00
	CMAQ-MO	\$1,018.00	\$1,008.00	\$1,285.99	\$410.00	\$288.00
	LOCAL	\$89,683.50	\$92,245.74	\$91,380.64	\$92,107.41	\$94,324.50
	STPM-KS	\$988.35	\$3,100.45	\$3,180.00	\$735.00	\$0.00
	STPM-MO	\$0.00	\$150.00	\$0.00	\$4,500.00	\$0.00

	Kansas Subtotal	\$107,191.92	\$121,035.23	\$46,492.59	\$41,388.85	\$60,782.50
	Missouri Subtotal	\$163,427.72	\$242,866.04	\$219,153.06	\$104,998.20	\$63,068.90
	Regional Subtotal	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
	Transit	\$122,253.38	\$139,943.40	\$131,800.09	\$123,243.85	\$120,940.30

Subtotal by Year	\$395,805.18	\$511,365.55	\$398,530.66	\$273,088.33	\$247,055.38
Total	\$1,825,845.10				

Table 6

Estimated Revenues vs. Expenditures (\$1,000's)					
	2016	2017	2018	2019	2020
Kansas Revenue	\$316,162.64	\$337,937.63	\$296,419.86	\$293,326.17	\$300,029.81
Kansas O&M Expenditure	\$34,399.20	\$35,431.18	\$36,494.11	\$37,588.93	\$38,716.60
Kansas Project Expenditure	\$107,191.92	\$121,035.23	\$46,492.59	\$41,388.85	\$60,782.50
Difference	\$174,571.52	\$181,471.22	\$213,433.16	\$214,348.39	\$200,530.71
Missouri Revenue	\$445,281.35	\$532,073.06	\$545,165.36	\$423,679.76	\$406,188.28
Missouri O&M Expenditure	\$55,953.82	\$57,632.44	\$59,361.41	\$61,142.25	\$62,976.52
Missouri Project Expenditure	\$163,427.72	\$242,866.04	\$219,153.06	\$104,998.20	\$63,068.90
Difference	\$225,899.81	\$231,574.58	\$266,650.89	\$257,539.31	\$280,142.86
Transit Revenue	\$158,433.35	\$178,142.29	\$172,180.80	\$165,373.42	\$163,381.05
Transit O&M Expenditure	\$93,301.14	\$96,100.48	\$98,983.50	\$101,953.00	\$105,011.59
Transit O&M TIP Project Expenditure	\$94,337.40	\$92,134.00	\$90,843.00	\$92,870.00	\$96,285.00
Remaining Transit O&M	\$0.00	\$3,966.48	\$8,140.50	\$9,083.00	\$8,726.59
Transit Project Expenditure (Non O&M)	\$27,915.98	\$47,809.40	\$40,957.09	\$30,373.85	\$24,655.30
Difference	\$36,179.97	\$34,232.40	\$32,240.21	\$33,046.57	\$33,714.15
Regional Revenue	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
Regional Expenditure	\$2,932.16	\$7,520.88	\$1,084.92	\$3,457.43	\$2,263.68
Difference	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total Revenue	\$922,809.49	\$1,055,673.86	\$1,014,850.94	\$885,836.78	\$871,862.82
Total Expenditure	\$486,158.20	\$608,395.65	\$502,526.68	\$380,902.52	\$357,475.10
Difference	\$436,651.30	\$447,278.21	\$512,324.26	\$504,934.26	\$514,387.72



**Flint Hills Metropolitan Planning Organization**

PO Box 514 | Ogden, KS | 66517  
Office: 855.785.3471 | Fax: 855.329.3472  
FHMPO@FlintHillsRegion.org

January 19, 2017

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

**Re: FHMPO 2016-2019 Transportation Improvement Program Amendment #5**

Dear Ms. Hart:

The Flint Hills Metropolitan Planning Organization (FHMPO) Policy Board approved Amendment #5 to the 2016-2019 Transportation Improvement Program (TIP) on January 18, 2017. 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](mailto:Stephanie@FlintHillsRegion.org). The TIP may also be found on the FHMPO website at [www.FlintHillsMPO.org](http://www.FlintHillsMPO.org).

Sincerely,

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

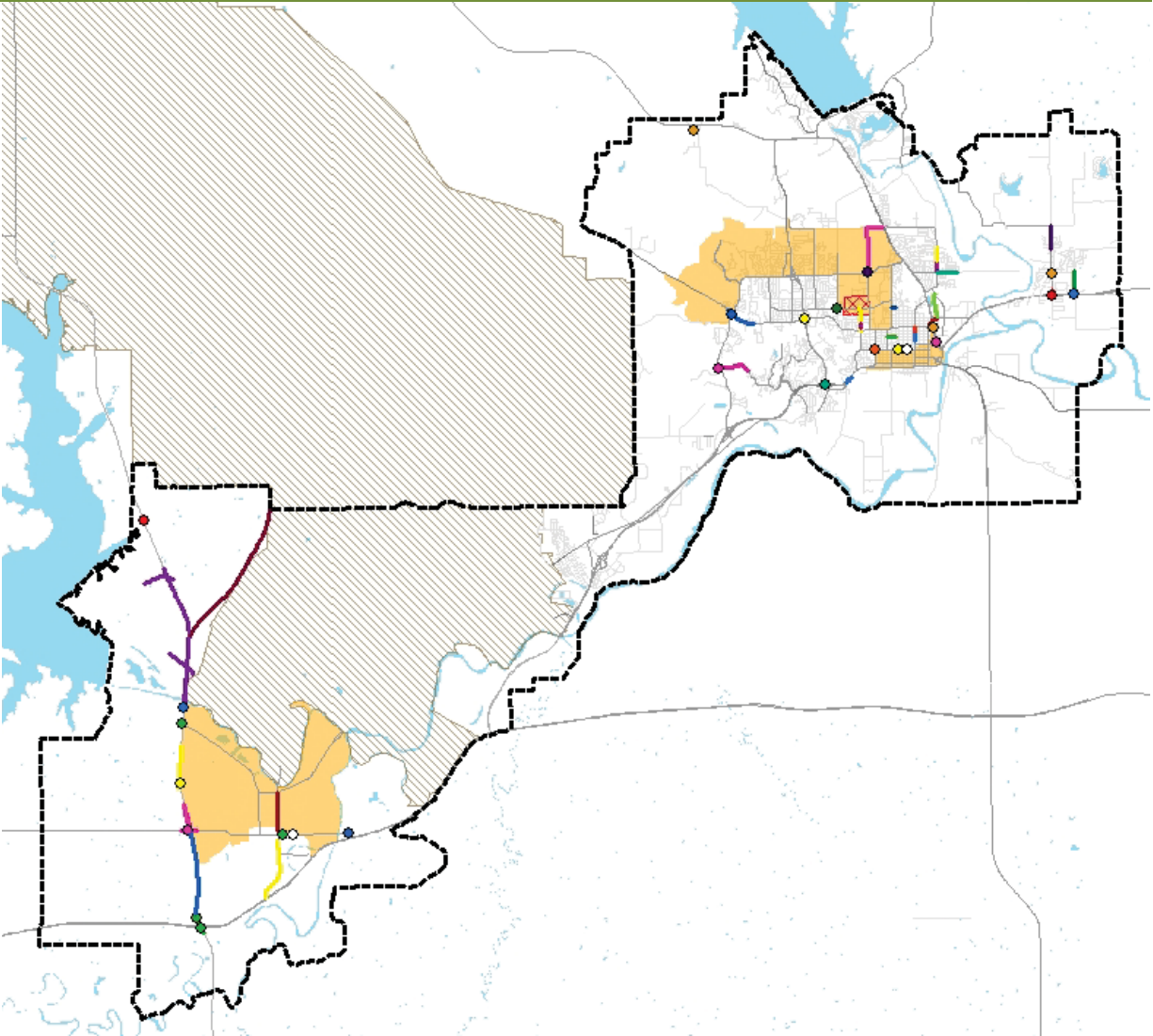
Stephanie Watts, AICP  
Transportation Planning Manager

Enclosures: 2016-2019 TIP Amendment #5



# Transportation Improvement Program

FFY 2016-2019



Amendment #5  
Approved January 18, 2017



**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](http://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.

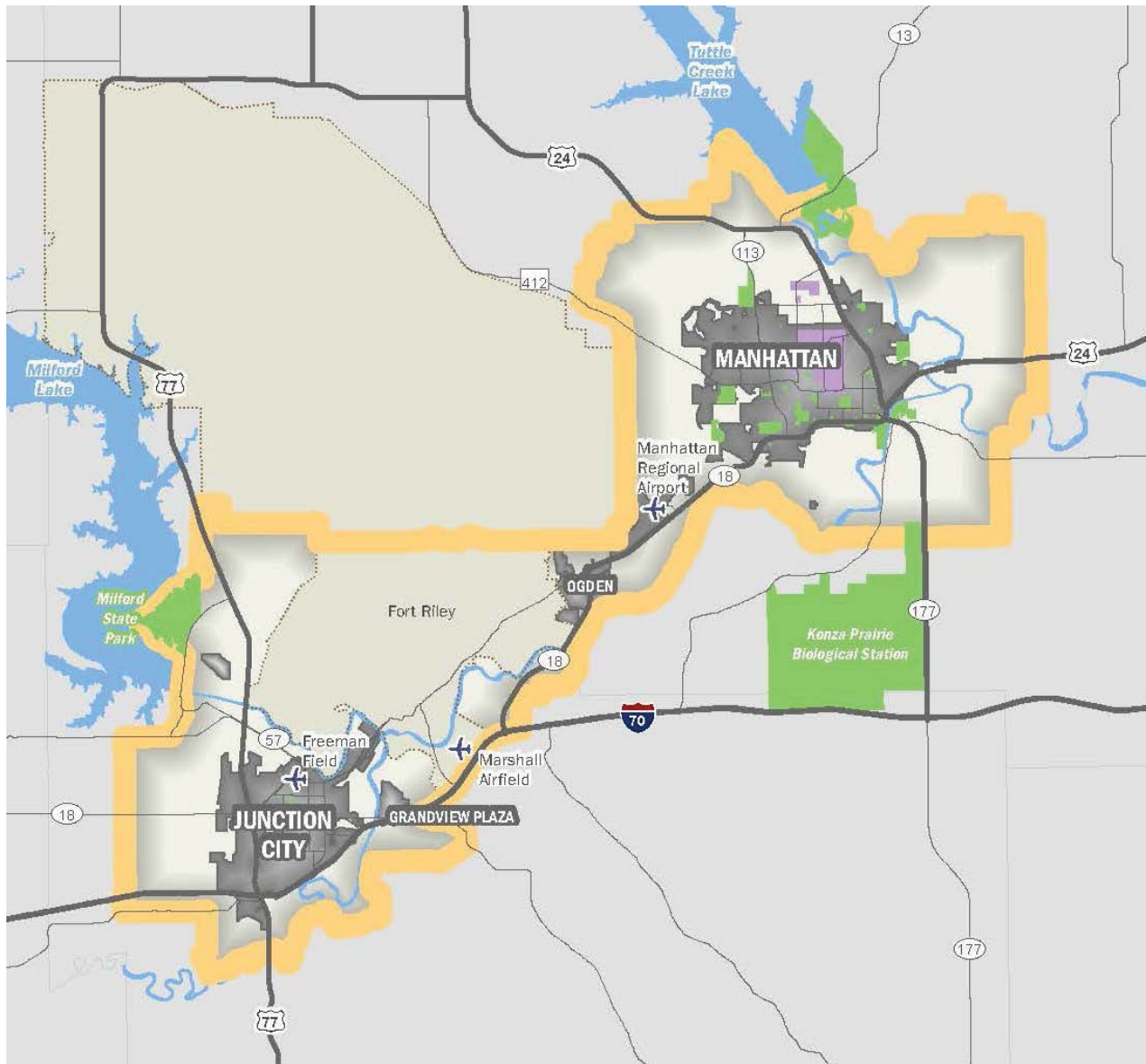
## What is the FHMPPO?

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

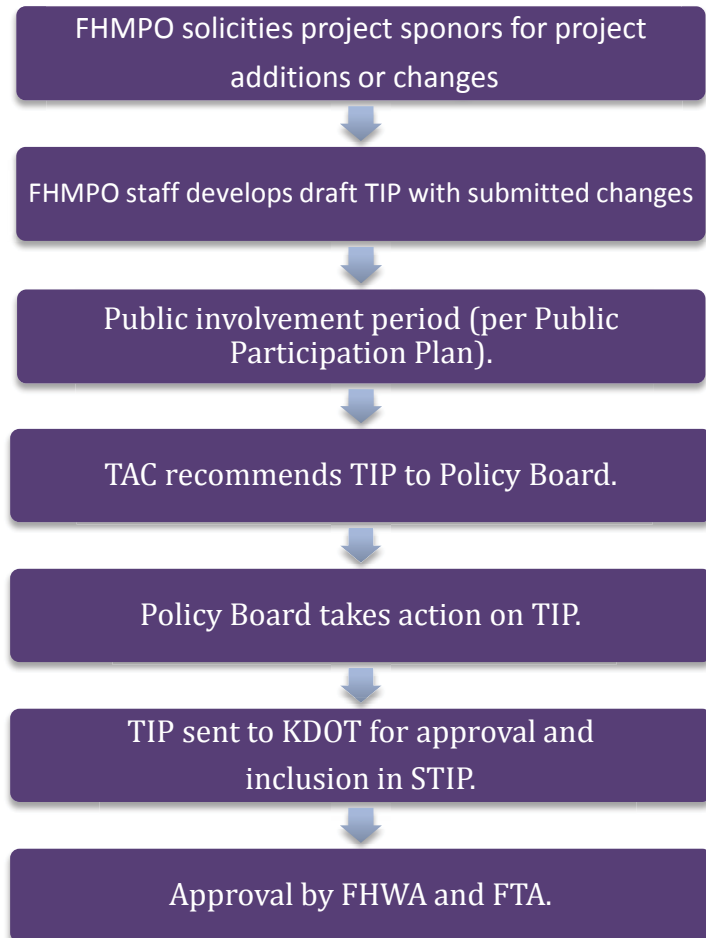


# TIP Procedures

## 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	<b>*1/2 cent Sales Tax</b> (City's share is 65%, but only 1/3 can be used for transportation)	\$200,000
Geary County	<b>**Mill Levy</b> (1 mill is typically set aside for transportation each year, but not a guarantee)	\$220,000
Riley County	<b>*1/2 cent Sales Tax</b> (County's share is 35%, earmarked for Roads and Bridges)	\$1,600,000
Pottawatomie County	<b>**Special Highway Fund</b> (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.

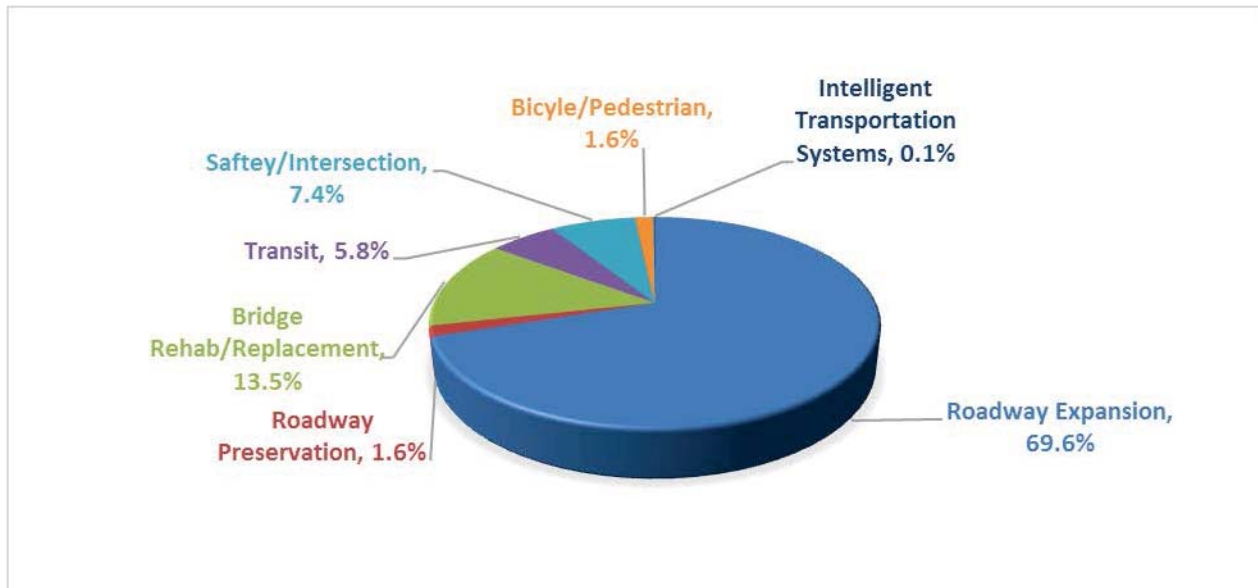
The “project type” for each TIP project is included in the project tables in **Appendix G**. Please note that the “Funding Amount” shown in *Table 2* takes into account the total project cost from all years and phases; even those outside of the 2016-2019 TIP timeframe.

*Table 2: Funding by Project Type*

Project Type	Funding Amount*	Percentage of Total
Roadway Expansion	\$ 124,188,706	69.6%
Roadway Preservation	\$ 2,882,778	1.6%
Bridge Rehab/Replacement	\$ 24,147,400	13.5%
Transit	\$ 10,256,454	5.8%
Safety/Intersection	\$ 13,115,029	7.4%
Bicycle/Pedestrian	\$ 2,802,600	1.6%
Intelligent Transportation Systems	\$ 185,249	0.1%
Planning Study/PE	\$ 750,000	0.4%
Railroad Crossings	\$ -	0.0%
<b>Total</b>	<b>\$ 178,328,216</b>	<b>100.0%</b>

\*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 and 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 or 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:

- Total project cost of at least \$500,000
- 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 FHMPPO 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**

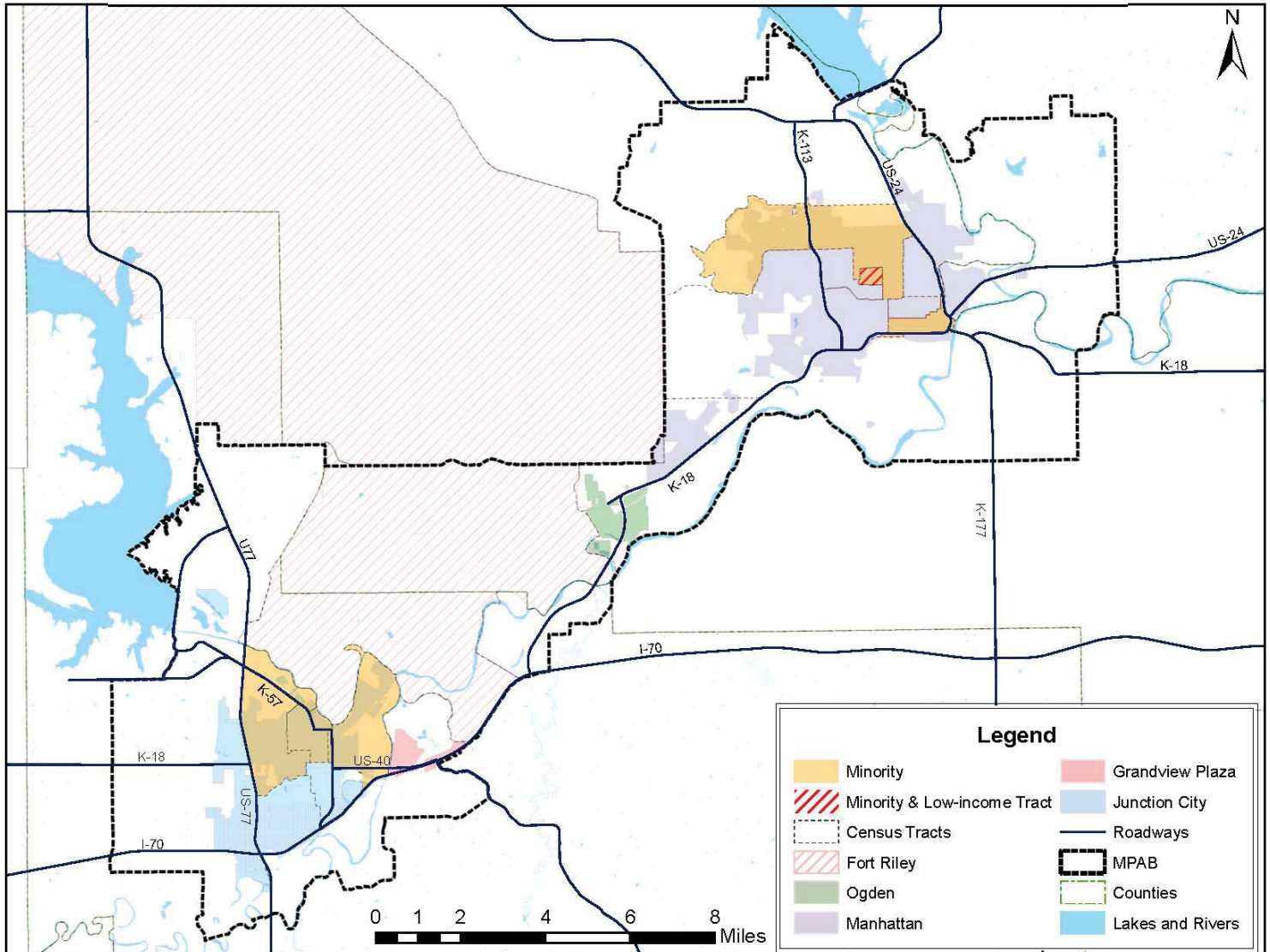
### **Low-income Tracts**

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)
Marlatt & Denison Roadway Expansion	0-01-2016	\$ 9,150.0
Signal Upgrade: 11th & Poyntz Ave	4-03-2016	\$ 600.6
West Anderson Ave Expansion	4-08-2016	\$ 6,500.0
US-24 & Leavenworth GI Improvements	4-09-2016	\$ 439.0
ITS System Expansion--KSU Fiber Projects	0-24-2014	\$ 160.0
Kimball & Denison Intersection Improvements	0-25-2014	\$ 3,202.8
College Ave & Claflin Ave Signal Upgrade	0-34-2014	\$ 146.2

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 \$54.8 million. Six (6) of these projects are located in or adjacent to the identified EJ tracts in Junction City, totaling \$39.3 million (as shown in **Table 6**). Approximately 72% 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. The 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*

<b>Project Name</b>	<b>Project #</b>	<b>Total Cost (in 1000s)</b>
KLINK: K-57 (Washington St) Resurfacing	1-02-2016	\$ 525.0
US-77 & K-18 Reconstruction and US-77/K-18 Interchange	0-03-2014	\$ 22,376.0
US-40 (6th St) and Franklin Street Intersection Improvements	0-21-2014	\$ 288.4
US-77 Bridge Replacement (Rush Creek Bridge)	1-31-2014	\$ 6,126.8
US-40 Bridge Replacement (UP Railroad and Monroe St)	0-32-2014	\$ 10,014.6

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*

<b>Project Name</b>	<b>Project #</b>
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	\$ 961.3	\$ 1,383.1	\$ 857.8	\$ 857.8	\$ 4,060.0
	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	\$ 470.7	\$ -	\$ -	\$ -	\$ 470.7
	CDBG	\$ -	\$ 77.0	\$ -	\$ -	\$ 77.0
	HSIP		\$ 600.0	\$ -	\$ -	\$ 600.0
	NHPP	\$ -	\$ 15,876.0	\$ -	\$ 80.0	\$ 15,956.0
	STP	\$ -	\$ 2,030.0	\$ -	\$ -	\$ 2,030.0
	TA	\$ 950.0	\$ 1,371.9	\$ 1,122.0	\$ -	\$ 3,443.9
	<b>TOTAL</b>	<b>\$ 3,558.3</b>	<b>\$ 21,382.0</b>	<b>\$ 1,979.8</b>	<b>\$ 937.8</b>	<b>\$ 27,857.9</b>
<b>State</b>	\$ 20,167.6	\$ (12,910.1)	\$ 3,427.0	\$ 418.0	\$ 11,102.5	
<b>Local</b>	\$ 19,610.8	\$ 11,921.5	\$ 5,106.4	\$ 3,237.5	\$ 39,876.1	
<b>Total</b>	<b>\$ 43,336.7</b>	<b>\$ 20,393.4</b>	<b>\$ 10,513.2</b>	<b>\$ 4,593.3</b>	<b>\$ 78,836.5</b>	

CDBG-Community Development Block Grant

NHPP-National Highway Performance Program

FLAP-Federal Land Access Program

STP-Surface Transportation Program

HSIP-Highway Safety Improvement Program

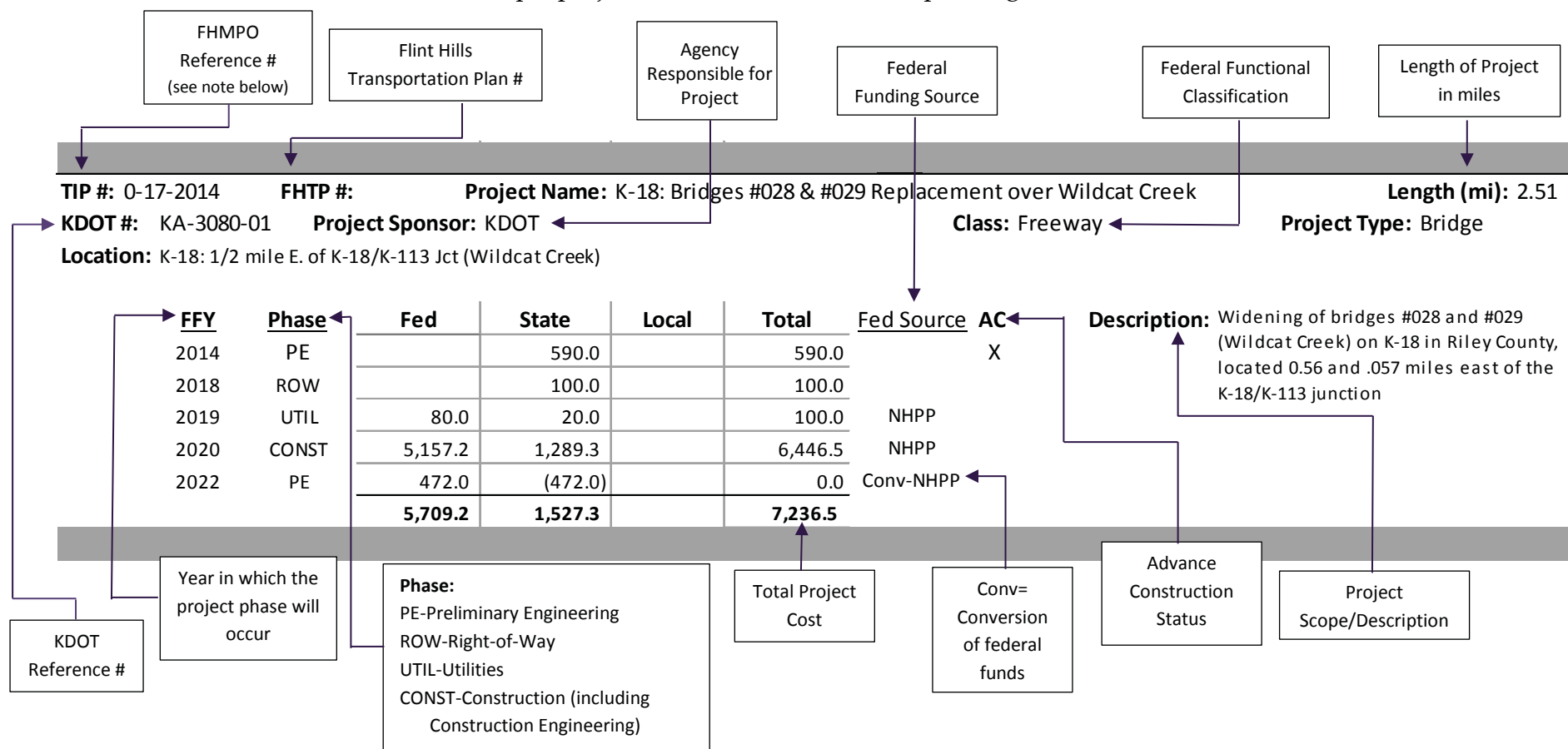
TA-Transportation Alternatives

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
<b>Federal</b>	\$ 17,343.8	\$ 21,382.0	\$ 28,891.0	\$ 80,000.0	\$ 147,616.8
<b>State</b>	\$ 18,276.7	\$ 16,079.4	\$ 405.0	\$ 138.0	\$ 34,899.1
<b>Local</b>	\$ 20,897.9	\$ 41,336.6	\$ 37,897.9	\$ 37,897.9	\$ 138,030.3
<b>Total</b>	<b>\$ 56,518.4</b>	<b>\$ 78,798.0</b>	<b>\$ 67,193.9</b>	<b>\$ 118,035.9</b>	<b>\$ 320,546.2</b>

## 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 Paratransit; 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 (in 1000s)	Total Cost (in 1000s)	Funding Source	Description of Change	Page #
5-04-2014	US-77 Reconstruction from S of Old Milford Rd to N Jct K-57 (KA-2367-05)	2017	CONST	\$ 6,235.0	\$ 7,935.0	State (Advance Construction)	Remove Project from TIP	--
5-12-2016	TA: Juliette Ave. Phase 2 Brick Street Rehabilitation	2017	CONST	\$ 610.8	\$ 610.8	TA & Local	Change in FFY	G-5
5-15-2014	US-77: Lacy Dr to K-18 & K-18/Spring Valley Rd Intersection	2015	CONST	\$ 10,992.0	\$ 10,992.0	STP, State, & Local	Remove AC (add toll credits)	G-6
5-16-2016	K-18 Expansion: Walnut St (Ogden) to K-113	2011	CONST	\$ 46,749.0	\$ 46,749.0	STP, State, & Local	Project Addition (toll credits)	G-7
5-17-2016	Intersection Improvements at US-24 & Green Valley Rd	2018	CONST	\$ 3,600.0	\$ 3,600.0	State & Local	Project Addition	G-8
5-28-2014	Juliette Ave Brick Rehab	2017	CONST	\$ 852.6	\$ 853.6	TA & Local	Change in FFY	G-9
5-32-2014	US-40 Bridge Replacement (UP Railroad and Monroe St)	2020	CONST	\$ 8,467.0	\$ 10,004.0	STP	Remove Advanced Construction (toll credits)	G-10
5-B1-2016	Claflin Rd Pedestrian Improvements	2017	CONST	\$ 73.6	\$ 81.6	5307 & Local	Change in Cost	G-12
5-B3-2016	US-24/Bluemont Pedestrian Improvements	2017	CONST	\$ 184.0	\$ 204.0	5307 & Local	Change in Cost	G-12
5-B7-2014	Knox Lane Bicycle and Pedestrian Path (TA)	2017	CONST	\$ 255.0	\$ 281.0	TA & Local	Change in FFY	G-13
5-B8-2014	Fremont Street Pedestrian Improvements	2017	CONST	\$ 172.5	\$ 187.5	5307 & Local	Change in Cost	G-13
5-T1-2016	Via Christi Village Operating Assistance	2018	OPR	\$ 5.0	\$ 5.0	5310	Add FFY 2018	G-16
5-T5-2016	FHATA Rural Services	2016	CAP	\$ 178.4	\$ 1,092.6	5339 & Local	Change in FF Source	G-17
5-T12-2016	Big Lakes Developmental Center, Inc. Operating Funds	2018	OPR	\$ 5.0	\$ 10.0	State	Add FFY 2018	G-18
5-T18-2016	FHATA Security-Electronic Gate	2016	CAP	\$ 40.0	\$ 40.0	5307	Project Addition	G-20

## Appendix D: Project Index

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-8
Casement Rd Improvement Phase III	0-23-2014	\$ 1,601.9	Local	G-8
College Ave and Claflin Ave Signal Upgrade	0-34-2014	\$ 146.2	HSIP & Local	G-11
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-7
Green Valley Road Extension	2-10-2016	\$ 3,361.0	Local	G-4
Green Valley Road & US-24 Intersection	5-17-2016	\$ 3,600.0	State & Local	G-8
ITS System Expansion--KSU Fiber Projects	0-24-2014	\$ 164.2	Local	G-9
Juliette Ave Brick Rehabilitation	5-28-2014	\$ 853.6	TA & Local	G-9
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
K-18 Expansion: Walnut St (Ogden) to K-113	5-16-2016	\$ 46,749.0	STP, State, & Local	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 Upgrade: 11th Street & Poyntz Ave	4-03-2016	\$ 606.6	HSIP	G-2
TA: Juliette Ave. Phase 2 Brick Street Rehabilitation	5-12-2016	\$ 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-6

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

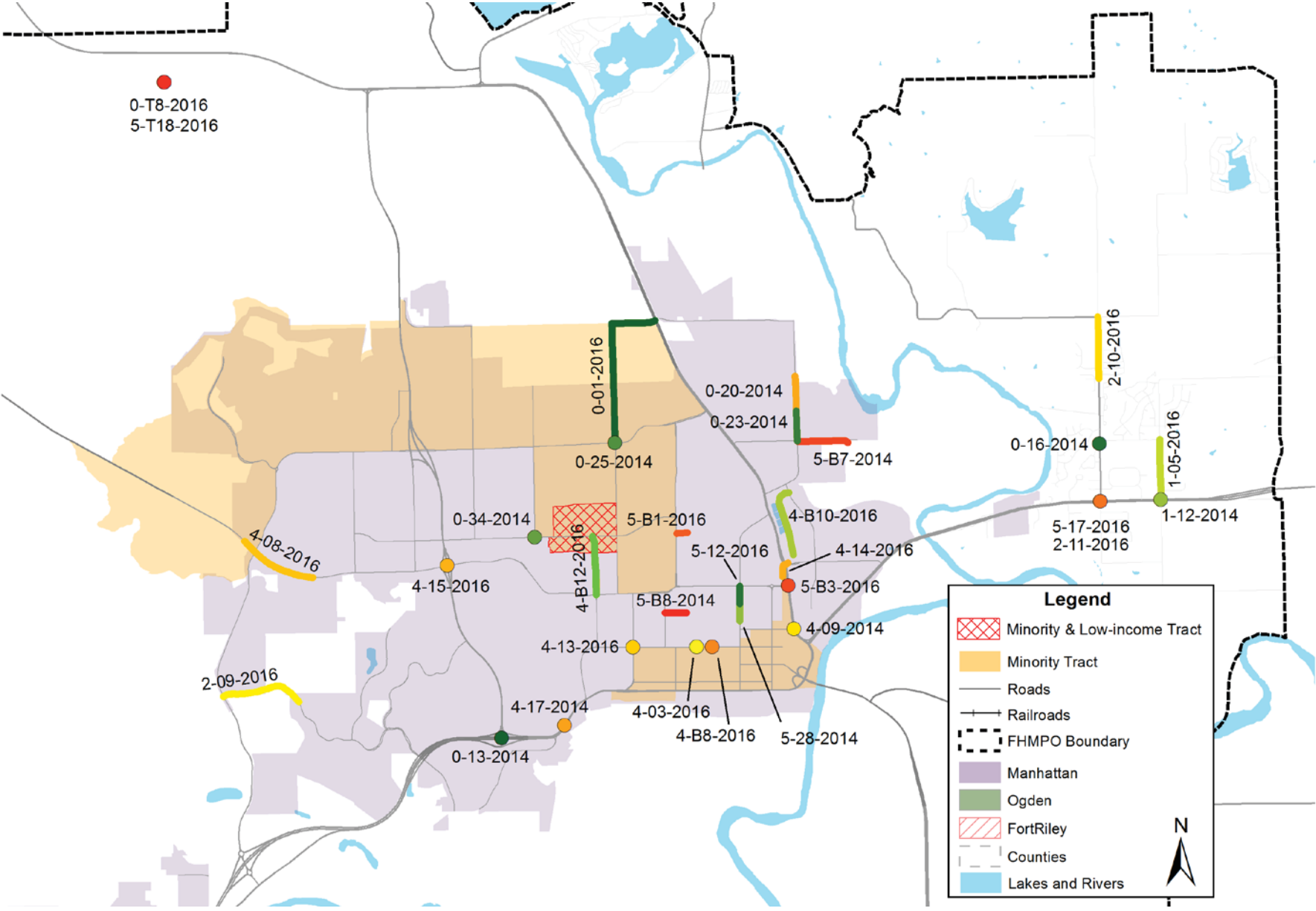
### Junction City Area Projects

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-9
Old Highway 77 Overlay and Pavement Marking	0-33-2014	\$ 482.0	FLAP	G-10
US-40 (6th St) and Franklin Street Intersection Improvements--GI (KA-3549-01)	0-21-2014	\$ 288.4	State & Local	G-8
US-40 Bridge Replacement (UP Railroad and Monroe St)	5-32-2014	\$ 10,004.0	STP & State	G-10
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-10
US-77/I-70 DDI & US-77 Improvements N. to US-77/K-57	5-15-2014	\$ 13,210.0	NHPP & State	G-6

**Bike & Pedestrian Projects.....** G-12

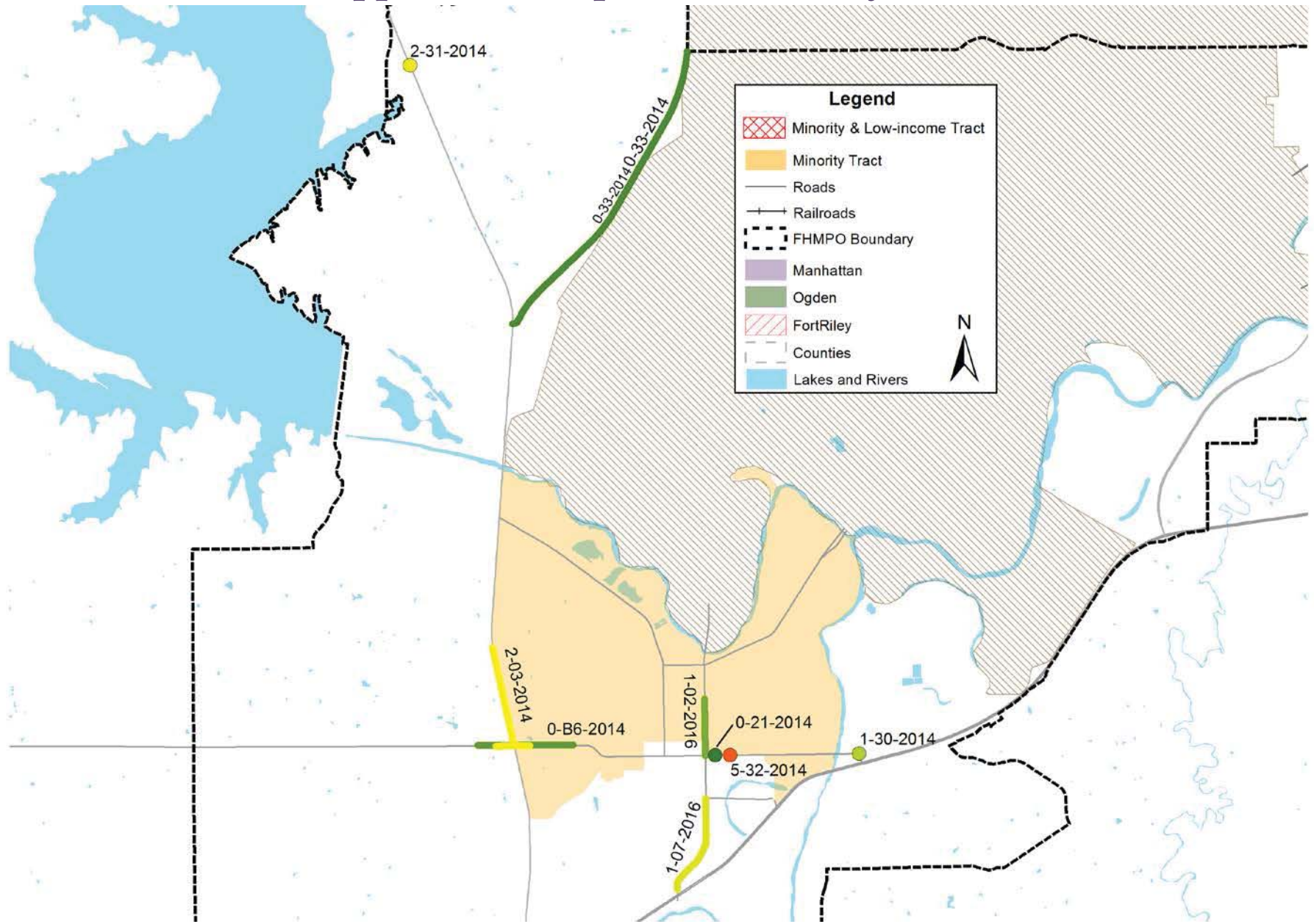
**Transit Projects.....** G-16

# 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			<b>Notes:</b> 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			
			-	<b>9,442.3</b>	<b>9,442.3</b>			

**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
			<b>262.5</b>	<b>262.5</b>	<b>525.0</b>			

**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	<b>Notes:</b> 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		
		<b>17,156.0</b>	<b>5,220.0</b>		<b>22,376.0</b>			

**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>	<b>Description:</b>
2017	CONST	500.0		100.6	600.6	HSIP		Upgrade NB/SB traffic signal to poles with mast arms
		<b>500.0</b>	-	<b>100.6</b>	<b>600.6</b>			

**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>	<b>Description:</b>
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  <b>Notes:</b> 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		
		<b>6,188.0</b>	<b>1,747.0</b>		<b>7,935.0</b>			

**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>	<b>Description:</b>
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			
				<b>2,727.9</b>	<b>2,727.9</b>			

**TIP #:** 5-06-2016      **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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2017	PE		750.0		750.0		X	Development of a 4-lane expressway and construction improvement list. Project Authorized for PE only.  <b>Notes:</b> Project using toll credits
2017	PE	750.0	(750.0)		0.0	Conv-STP		
		<b>750.0</b>			<b>750.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2016	CONST		205.7	205.7	411.4			Mill and overlay. FY 2016 KLINK Funds
			<b>205.7</b>	<b>205.7</b>	<b>411.4</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
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			
		-	-	<b>6,500.0</b>	<b>6,500.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2014	PE			20.0	20.0			Safety and capacity improvements at the intersection
2016	CONST		216.0	203.0	419.0			
		-	<b>216.0</b>	<b>223.0</b>	<b>439.0</b>			

**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

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	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

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	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

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	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

FFY	Phase	Fed	State	Local	Total	Fed Source	AC	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 #:** 5-12-2016      **FHTP #:**      **Project Name:** TA: Juliette Ave. Phase 2 Brick Street Rehabilitation      **Length (mi):**  
**KDOT #:** TE-0438-01      **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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2017	CONST	452.7		158.1	610.8	TA		Remove existing bricks, rehab roadway base, and reinstall salvaged bricks.
		<b>452.7</b>	-	<b>158.1</b>	<b>610.8</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
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			
			<b>2,183.7</b>	<b>1,022.6</b>	<b>3,206.3</b>			<b>Notes:</b> Includes a study and intersection improvements

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2018	CONST		300.0	400.0	700.0			Intersection improvements including new left turn lanes for north and south bound traffic. Upgrade signal and adjust signal phasing.
		-	<b>300.0</b>	<b>400.0</b>	<b>700.0</b>			

**TIP #:** 5-14-2014    **FHTP #:**    **Project Name:** US-77: Lacy Dr to K-18 & K-18/Spring Valley Rd Intersection    **Length (mi):** 1.55  
**KDOT #:** KA-2367-03    **Project Sponsor:** KDOT    **Class:** Freeway    **Project Type:** Expansion  
**Location:** US-77: Lacy Dr to K-18 & K-18/Spring Valley Rd    Bike/Ped? No    ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2012	PE	761.0	572.0		1333.0	NHPP		Reconstruct the K-18/Spring Valley Road intersection, Widen US-77. Intersection imprvmnts at US-77/Ash St. and US-77/McFarland Rd
2015	ROW		1,273.0		1273.0			
2014	UTIL	200.0			200.0	NHPP		
2015	CONST	6,677.0	31.0		6,708.0	NHPP		
		<b>7,438.0</b>	<b>603.0</b>	-	<b>9,514.0</b>			

**Notes:** Included in 2016 TIP to use toll credits

**TIP #:** 4-14-2016    **FHTP #:**    **Project Name:** TA: Old Big Blue River Stormwater Management & Beautification, Phase V    **Length (mi):** N/A  
**KDOT #:** TE-0439-01    **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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
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.
		<b>1,122.0</b>	-	<b>378.0</b>	<b>1,500.0</b>			

**TIP #:** 5-15-2014    **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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2014	PE	951.0	3.0		954.0	STP		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.
2015	ROW		975.0		975.0			
2014	UTIL	288.0	1.0		289.0	STP		
2015	CONST	10,968.0	24.0		10,992.0	STP		
		<b>12,207.0</b>	<b>1,003.0</b>		<b>13,210.0</b>			

**Notes:** 2014 TIP#: 6-15-2014. Project using toll credits

**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:** ITS  
**Location:** Anderson & K-113    Bike/Ped? No    ITS? Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2016	CONST			21.0	21.0			Expansion of RWIS system tied into ITS network along K-113
		-	-	<b>21.0</b>	<b>21.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)
2014	PE			118.0	118.0
2014	ROW			40.0	40.0
2015	UTIL			26.0	26.0
2016	CONST			540.0	540.0
				<b>724.0</b>	<b>724.0</b>

**Federal Source**      **AC**

**Description:** Rehab bridge on Green Valley Road and add an additional lane and bike/pedestrian crossing

**Notes:** Project also include realigning Elk Creek Rd

**TIP #:** 5-16-2016      **FHTP #:**      **Project Name:** K-18 Expansion: Walnut St (Ogden) to K-113      **Length (mi):** N/A  
**KDOT #:** KA-0410-04      **Project Sponsor:** KDOT      **Class:** Freeway      **Project Type:** Expansion  
**Location:** K-18: .1 miles west of Wildcat Creek Rd to 1.0 miles east of Scenic Dr      Bike/Ped? No      ITS? Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)
2011	CONST	43,677.0	72.0	3,000.0	46,749.0
		<b>43,677.0</b>	<b>72.0</b>	<b>3,000.0</b>	<b>46,749.0</b>

**Federal Source**      **AC**  
STP

**Description:** Construct 4-lane freeway section w/ interchanges at 56th St & Scenic Dr.

**Note:** Project let in 2011 prior to the MPO. Being added to the TIP so that toll credits can be applied to this project

**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

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)
2014	PE		590.0		590.0
2018	ROW		100.0		100.0
2019	UTIL	80.0	20.0		100.0
2020	CONST	5,202.1	1,300.5		6,502.6
2022	PE	472.0	(472.0)		0.0
		<b>5,754.1</b>	<b>1,538.5</b>		<b>7,292.6</b>

**Federal Source**      **AC**  
X  
NHPP  
NHPP  
Conv-NHPP

**Description:** 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



**TIP #:** 5-17-2016      **FHTP #:** 49      **Project Name:** Intersection Improvements at US-24 & Green Valley Rd      **Length (mi):** 0.00  
**KDOT #:** KA-4490-01      **Project Sponsor:** KDOT      **Class:** Principal Arterial      **Project Type:** Expansion  
**Location:** US-24 & Green Valley Road Intersection      Bike/Ped? No      ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>
2018	CONST		2,500.0	1,100.0	3,600.0		
			<b>2,500.0</b>	<b>1,100.0</b>	<b>3,600.0</b>		

**Description:** Construct dual left turn lanes for EB US-24 traffic turning NB onto Green Valley Rd. Install new signals and widen Green Valley Rd.  
**Notes:**

**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

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>
2018	PE			214.2	214.2		
2019	CONST			2,217.4	2,217.4		
				<b>2,431.7</b>	<b>2,431.7</b>		

**Description:** Widen roadway and add multi-use path.  
**Notes:** Phase 2 of 3

**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

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>
2014	PE			13.0	13.0		
2016	CONST		231.7	43.7	275.4		
			<b>231.7</b>	<b>56.7</b>	<b>288.4</b>		

**Description:** Installation of new traffic signal and intersection improvements (sidewalk & ADA ramps).

**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

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>
2019	PE			133.0	133.0		
2020	CONST			1,468.8	1,468.8		
				<b>1,601.9</b>	<b>1,601.9</b>		

**Description:** Widen roadway and add multi-use path  
**Notes:** Phase 3 of 3

**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? No      ITS? Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Connect City fiber to University fiber optic in order to expand the network to 18 locations on campus
2015	CONST			40.0	40.0			
2016	CONST			40.0	40.0			
2017	CONST			41.4	41.4			
2018	CONST			42.8	42.8			
				<b>164.2</b>	<b>164.2</b>			

**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? No      ITS? Yes

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Improve intersection with additional turning lanes and traffic signal modifications
2017	PE			310.5	310.5			
2018	CONST			2,892.3	2,892.3			
				<b>3,202.8</b>	<b>3,202.8</b>			

**TIP #:** 5-28-2014      **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? No      ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Rehabilitation of the historical brick street
2015	PE			1.0	1.0			
2017	CONST	554.2		298.4	852.6	TA		
		<b>554.2</b>		<b>299.4</b>	<b>853.6</b>			

**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? No      ITS? No

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Intersection Improvements including signage, lane addition and mill and overlay
2015	PE		60.0		60.0			
2015	Util		65.0		65.0			
2017	CONST		525.0	15.0	540.0			
			<b>650.0</b>	<b>15.0</b>	<b>665.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b> 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	<b>Notes:</b> Project Authorized for PE Only.
2022	CONST	4,199.1	(4,199.1)		0.0	Conv-NHPP		
		<b>4,199.1</b>	<b>1,927.7</b>		<b>6,126.8</b>			

**TIP #:** 5-32-2014      **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:** 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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b> Bridge Replacement
2015	PE		1,182.0		1,182.0			
2018	ROW		237.0		237.0			
2019	UTIL		118.0		118.0			
2020	CONST	8,467.0			8,467.0	STP		<b>Notes:</b>
		<b>8,467.0</b>	<b>1,537.0</b>		<b>10,004.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b> 2" Overlay and Pavement Marking
2016	PE	5.0			5.0	FLAP		FLAP-Federal Land Access Program
2016	CONST	477.0			477.0	FLAP		
		<b>477.0</b>			<b>482.0</b>			

**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		
		<b>100.0</b>		<b>39.2</b>	<b>146.2</b>			

## Bicycle and Pedestrian Projects

**TIP #:** 5-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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Construction of sidewalk on the south side of Claflin Rd from N. Manhattan east to McCain Dr
2016	PE			8.0	8.0			
2017	CONST	73.6			73.6	5307		
		<b>73.6</b>		<b>8.0</b>	<b>81.6</b>			

**TIP #:** 5-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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> Pedestrian refuge and/or medians for the east to west crossing and similar for new north to south routes
2016	PE			20.0	20.0			
2017	CONST	184.0			184.0	5307		
		<b>184.0</b>		<b>20.0</b>	<b>204.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b> 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
2016	PE			15.0	15.0			
				<b>15.0</b>	<b>15.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<u>Description:</u>
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
		<b>200.0</b>		<b>50.0</b>	<b>250.0</b>			

**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:** Principal Arterial      **Project Type:** Bike/Ped  
**Location:** K-18: Spring Valley Rd. to Rucker Rd.

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<u>Description:</u>
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		
		<b>950.0</b>		<b>366.0</b>	<b>1,316.0</b>			

**TIP #:** 5-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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<u>Description:</u>
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			
2017	CONST	165.0		90.0	255.0	TA		
		<b>165.0</b>		<b>116.0</b>	<b>281.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<u>Description:</u>
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
				<b>60.0</b>	<b>60.0</b>			

**TIP #:** 5-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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b>
2017	PE			15.0	15.0			Construct bulb outs and improve safety for pedestrian crossing to the bus stop in City Park.
2017	CONST	138.0		34.5	172.5	5307		
		<b>138.0</b>		<b>49.5</b>	<b>187.5</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b>
2017	CONST			60.0	60.0			Add center refuge island on Poyntz
				<b>60.0</b>	<b>60.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>AC</u>	<b>Description:</b>
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
				<b>29.0</b>	<b>29.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2017	CONST	77.0		76.0	153.0	CDBG		Construct a new multi-use trail atop abandoned levee and existing gravel service road.
		<b>77.0</b>		<b>76.0</b>	<b>153.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2016	CONST			50.0	50.0			Installation of a sidewalk on the east side of Sunset Ave. between College Heights Rd. and Montgomery Drive
				<b>50.0</b>	<b>50.0</b>			

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<u>AC</u>	<b>Description:</b>
2017	CONST			115.5	115.5			Sunset Ave. improvements such as curb and gutter, storm sewer, sidewalk, grading, retaining wall.
				<b>115.5</b>	<b>115.5</b>			



## Transit and Paratransit Projects

**TIP #:** 5-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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Operating Assistance
2016	OPR		5.0		5.0		
2017	OPR		5.0		5.0		
2018	OPR		5.0		5.0		<b>Note:</b> 5310 provider
			<b>15.0</b>		<b>15.0</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Operating Assistance
2016	OPR		5.0		5.0		
			<b>5.0</b>		<b>5.0</b>		<b>Note:</b> 5310 Provider

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Operating Assistance
2016	OPR		10.0		10.0		
		-	<b>10.0</b>	-	<b>10.0</b>		<b>Note:</b> 5310 Provider

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Operation expenses for multiple routes
2016	OPR	139.0		109.0	248.0	5316	
		<b>139.0</b>		<b>109.0</b>	<b>248.0</b>		

**TIP #:** 5-T5-2016      **FHTP #:**      **Project Name:** FHATA Rural Services      **Project Type:** Transit/Paratransit  
**Project Sponsor:** Flint Hills Area Transportation Agency (FHATA)      **Location:** FHMPO Region

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<b>Description:</b> 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	5339	
		<b>642.7</b>	<b>161.0</b>	<b>289.0</b>	<b>1,092.6</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<b>Description:</b> Seven (7) 20-passenger, lift equipped small transit buses
2016	CAP	328.0	11.7	70.3	410.0	5339	
		<b>328.0</b>	<b>11.7</b>	<b>70.3</b>	<b>410.0</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<b>Description:</b> The transit services provided in the Manhattan UZA are contracted to a provider. Includes TWORKS funding for UZA service
2016	OPR	857.8	649.6	799.3	2,306.7	5307	
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	
		<b>3,431.2</b>	<b>1,489.6</b>	<b>3,371.3</b>	<b>8,292.1</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal</u> <u>Source</u>	<b>Description:</b> Purchase of security cameras for FHATA's facility
2016	CAP	8.0		2.0	10.0	5307	
		<b>8.0</b>	<b>-</b>	<b>2.0</b>	<b>10.0</b>		

**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>	<b>Fed</b> (in 1000s)	<b>State</b> (in 1000s)	<b>Local</b> (in 1000s)	<b>Total</b> (in 1000s)	<b>Federal Source</b>	<b>Description:</b> Training expenses (tuition, travel, lodging, etc.) for the Regional Transit Manager.
2016	OPR	13.7	12.0	2.7	28.4	5307	
2017	OPR	4.7	6.7	2.3	13.7	5307	
		<b>13.7</b>	<b>12.0</b>	<b>2.7</b>	<b>28.4</b>		

**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>	<b>Fed</b> (in 1000s)	<b>State</b> (in 1000s)	<b>Local</b> (in 1000s)	<b>Total</b> (in 1000s)	<b>Federal Source</b>	<b>Description:</b> Mobility Manager Administrative Costs
2016	CAP	55.3		13.8	69.1	5317	
		<b>55.3</b>		<b>13.8</b>	<b>69.1</b>		

**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>	<b>Fed</b> (in 1000s)	<b>State</b> (in 1000s)	<b>Local</b> (in 1000s)	<b>Total</b> (in 1000s)	<b>Federal Source</b>	<b>Description:</b> Costs associated with the administration and management of the 5307 program and mobility management functions. These costs also appear in the FHMPD's 2016 UPWP.
2016	OPR	79.8	70.0		149.8	5307	
2017	OPR	85.0	75.0	32.0	192.0	5307	
		<b>164.8</b>	<b>145.0</b>	<b>32.0</b>	<b>341.8</b>		

**TIP #:** 5-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>	<b>Fed</b> (in 1000s)	<b>State</b> (in 1000s)	<b>Local</b> (in 1000s)	<b>Total</b> (in 1000s)	<b>Federal Source</b>	<b>Description:</b> Operation expenses
2017	OPR		5.0		5.0		
2018	OPR		5.0		5.0		
			<b>10.0</b>		<b>10.0</b>		

**TIP #:** 1-T13-2016    **FHTP #:**    **Project Name:** Big Lakes Developmental Center 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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Capital Purchase
2017	CAP	44.0		11.0	55.0	5310	
		<b>44.0</b>		<b>11.0</b>	<b>55.0</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Capital Purchase of full-sized (10 passenger) van
2016	CAP		37.0		37.0		
			<b>37.0</b>		<b>37.0</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Capital Purchase of full-sized (10 passenger) van
2017	OPR		37.0		37.0		
			<b>37.0</b>		<b>37.0</b>		

**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> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<u>Description:</u> Purchase of 45 gallon flammable safety cabinets for FHATA maintenance facility.
2016	CAP	2.0		0.5	2.5	5307	
		<b>2.0</b>		<b>0.5</b>	<b>2.5</b>		

**TIP #:** 4-T17-2016    **FHTP #:**    **Project Name:** FHATA Crime Prevention & Security-Bus Cameras    **Project Type:** Transit/Paratransit  
**Project Sponsor:** Flint Hills Area Transportation Agency    **Location:** Manhattan UZA

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<b>Description:</b>
2017	CAP	8.0		2.0	10.0	5307	Security Cameras for 3-5 transit vehicles
		<b>8.0</b>		<b>2.0</b>	<b>10.0</b>		

**TIP #:** 5-T18-2016    **FHTP #:**    **Project Name:** FHATA Crime Prevention & Security-Electronic Gate    **Project Type:** Transit/Paratransit  
**Project Sponsor:** Flint Hills Area Transportation Agency    **Location:** Manhattan UZA

<u>FFY</u>	<u>Phase</u>	<u>Fed</u> (in 1000s)	<u>State</u> (in 1000s)	<u>Local</u> (in 1000s)	<u>Total</u> (in 1000s)	<u>Federal Source</u>	<b>Description:</b>
2017	CAP	32.0		8.0	40.0	5307	Installation of an electronic gate opener for the perimeter fence around the facility of the FHATA building. This includes proximity card reader and Internet protocol access control.
		<b>32.0</b>		<b>8.0</b>	<b>40.0</b>		

## 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.**

  
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Robert Boyd, Policy Board Chairperson

  
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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 December 16, 2016 through December 31, 2016. No public comments were received.

## Appendix J: List of Acronyms

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