Federal Transit Administration 901 Locust Street, Suite 404 Kansas City, MO 64106

January 14, 2014

Jerome T. Younger, P.E. Deputy Secretary and State Transportation Engineer
Kansas Department of Transportation
Topeka, KS 66603
Subject: FHWA/FTA Approval of an
Amendment to the FY 2014-2017
Kansas STIP

Dear Mr. Younger:
As requested by your January 09, 2014 letter, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed the proposed Amendment \#2 to the FY 2014-2017 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) 271-2448 or Jeremiah Shuler of FTA at (816) 329-3940.


Mokhtee Ahmad
Regional Administrator
Federal Transit Administration

J. Michael Bowen, P.E.

Division Administrator
Federal Highway Administration

Dwight D. Eisenhower State Office Building
700 S.W. Harrison Street
Topeka, KS 66603-3745
Mike King, Secretary
Mike King, Secretary
Jerome T. Younger, P.E.,
Deputy Secretary and
State Transportation Engineer
January 9, 2014

Mr. Mokhtee Ahmad
Region Administrator
FTA, Region VII
901 Locust St., Suite 404
Kansas City, MO 64106
Dear Messrs. Ahmad and Bowen:

Mr. J. Michael Bowen
Division Administrator
FHWA, Kansas Division
6111 SW $29^{\text {th }}$ St., Suite 100
Topeka, KS 66611-2237

RE: Amendment \#2 to the 2014-2017 STIP
The Kansas Department of Transportation (KDOT) has approved an amendment to the Kansas 20142017 Statewide Transportation Improvement Program (STIP), which includes projects within the Manhattan and Wichita metropolitan areas, along with projects outside of the metropolitan areas. These items are attached for your review.

We are requesting your concurrence and approval of this amendment to the 2014-2017 STIP.
The public involvement activities conducted by the Flint Hills Metropolitan Planning Organization (FHMPO) and the Wichita Area Metropolitan Planning Organization (WAMPO) for the Transportation Improvement Program (TIP) serve to satisfy the requirements of 23 CFR $\S 450.324$.

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

Sincerely,


Messrs. Ahmad and Bowen
Page 2
January 9, 2014

Enclosures: 2014 January STIP Amendment List of Projects
2014 STIP Amendment Cash Flow
FHMPO 2014-2017 TIP Approval Request Letter and Related Documents
WAMPO 2014-2017 TIP Approval Request Letter and Related Documents
cc: Cindy Terwilliger, FTA Region VII
Paul Foundoukis, FHWA, Community Planner
Davonna Moore, KDOT Transportation Planning
Susie Lovelady, KDOT Program and Project Management
Allison Smith, KDOT Transportation Planning
Sondra Clark, KDOT Local Projects
Linda Fritton, KDOT Program and Project Management

Administrative Modification \#2 (as of $12 / 17 / 2013$ ) to the Kansas FFY 2014-2017 STIP

The attached administrative modification to the Kansas FFY 2014-2017 Statewide Improvement Program (STIP) updates the Metropolitan Transportation Improvement Programs narrative section of the STIP. Changes include updates to the Mid America Regional Council (MARC) web site links on page 58.

## METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAMS

Under Title 23 of the United States Code pertaining to transportation, communities with population greater than 50,000 are required to have a Metropolitan Planning Organization (MPO). The MPOs are responsible for coordinating transportation planning efforts in their region. Results from the 2010 census confirmed that the state of Kansas needed to establish a new MPO area in the Manhattan and Junction City metropolitan area. As a result, on February 20, 2013, the State of Kansas designated the Flint Hills Metropolitan Planning Organization (FHMPO) as the newest MPO in Kansas. The addition of the FHMPO brings the total number of MPOs in the state to six. The six Kansas MPOs are: the Mid-America Regional Council (covers the bi-state Kansas City metropolitan area), the Lawrence-Douglas County Metropolitan Planning Organization, the Wichita Area Metropolitan Planning Organization, the Metropolitan Topeka Planning Organization, the Flint Hills Metropolitan Planning Organization (covers Manhattan, Ogden and Junction City), and the St. Joseph Area Transportation Study Organization (covers the bistate area of the St. Joseph, Missouri metropolitan area).

The planning process by the MPOs encompasses all modes of transportation and covers both short-range
and long-range transportation planning. MPO plans and programs are reviewed and approved by the Federal Highway Administration and the Federal Transit Administration. The role of the MPO is to coordinate the transportation planning activities within their region. This includes serving as a liaison between local communities, their citizens, and the state departments of transportation. MPOs help determine how and where available state and federal dollars for transportation improvements will be spent. As defined by federal and state transportation regulations, the primary functions of the MPO are to:

- Establish the goals, objectives and policies governing transportation planning in the region.
- Approve an annual Unified Planning Work Program and budget.
- Direct the preparation and adoption of the Metropolitan Transportation Plan (MTP) goals, objectives, and priorities.
- Program projects for implementation through the adoption of the Transportation Improvement Program (TIP).
- Dependent on attainment status: perform the air quality conformity determination for the TIP and MTP.


#### Abstract

Projects within each MPO are incorporated in the Kansas STIP by reference of the TIP each MPO has in place. To view specific MPO project information and cost, follow the links provided below to each MPO TIP. In addition to TIP information, contact information and currently adopted MTP information, formerly referred to as the Long Range Transportation Plan (LRTP), is provided. As new TIPs or MTPs are adopted by MPOs, the new documents will be amended into this STIP using the amendment process.


## Mid-America Regional Council (MARC)

Kansas City Metropolitan Area
FFY 2012-2016
Transportation Improvement Program

- Approval by MARC on October 25, 2011
- Approval by KDOT on November 02, 2011
- Approval by FHWA/ FTA on November 09, 2011

Link to current TIP:
http://www.marc.org/Transportation/Plan s-Studies/Transportation-Plans-andStudies/TIP

Metropolitan Transportation Plan (MTP): "Transportation Outlook 2040 Update"

- Approval Date: June 29, 2010
- Expiration Date: June 29, 2015

Link to current MTP:
http://www.to2040.org/

Contact Information:
MARC
600 Broadway, Suite 200
Kansas City, MO 64105
Telephone: 816-474-4240
www.marc.org/transportation/
Email: transportation@marc.org

## Wichita Area Metropolitan Planning Organization (WAMPO) <br> Wichita Metropolitan Area

FFY 2013-2016
Transportation Improvement Program

- Approval by WAMPO on September 11, 2012
- Approval by KDOT on October 19, 2012
- Approval by FHWA/FTA on October 24,2012

Link to current TIP: http://www.wampoks.org/NR/rdonlyres/

B7A91A9F-7796-44CE-A934-
BBAA7B40D0B9/77627/2013TIP.pdf
Metropolitan Transportation Plan (MTP):
"Metropolitan Transportation Plan 2035"

- Approval Date: July 13, 2010
- Expiration Date: July 13, 2015

Link to current MTP:
www.wampoks.org/Publications/Metrop olitan+Transportation+Plan+2035.htm

Contact Information:
WAMPO
455 N. Main, $10^{\text {th }}$ Floor
Wichita, KS 67202
Telephone: 316-268-4457
www.wampoks.org/Home.htm
Email: kzimmerman@wichita.gov

Metropolitan Topeka Planning Organization (MTPO) Topeka Metropolitan Area

FFY 2013-2016
Transportation Improvement Program

- Approval by MTPO on October 25, 2012
- Approval by KDOT on November 12, 2012
- Approval by FHWA/FTA on November 15, 2012.

Link to current TIP: www.topeka.org/pdfs/DRAFT20132016TIP.pdf

Metropolitan Transportation Plan (MTP): "2040 Long Transportation Range Plan"

- Approval Date: April 23, 2012
- Expiration Date: April 23, 2017

Link to current MTP: http://www.topeka.org/pdfs/2040LRTP.p df

Contact Information:
MTPO
620 SE Madison
Topeka, KS 66607
Telephone: 785-368-3728
www.topeka.org/planning/transportation _planning.shtml
Email: cscroggins@topeka.org

## Lawrence-Douglas County <br> Metropolitan Planning Organization <br> (L-DC MPO) <br> Lawrence \& Douglas County Area

FY 2012-2015
Transportation Improvement Program
For the Lawrence Urbanized Area

- Approval by the L-DC MPO on October 20, 2011
- Approval by KDOT on November 03, 2011
- Approval by FHWA/FTA on November 09, 2011

Link to current TIP:
www.lawrenceks.org/mpo/tip
Metropolitan Transportation Plan (MTP):
"Transportation 2040-Moving Forward Together"

- Approval Date: March 21, 2013
- Expiration Date: March 21,2018

Link to current MTP:
http://www.lawrenceks.org/mpo/t2040

Contact Information:
L-DC MPO
6 East 6th Street- City Hall
Planning Office
PO Box 708
Lawrence, KS 66044
Telephone: 785-832-3150
www.lawrenceks.org/mpo/
Email: tgirdler@lawrenceks.org
Flint Hills Metropolitan Planning Organization (FHMPO) Manhattan Metropolitan Area

Transportation Improvement Program:

- Approval by FHMPO on August 21, 2013
- Approval by KDOT on September 5, 2013
- Approval by FHWA/FTA on September 6, 2013

Link to current TIP:
http://flinthillsmpo.wix.com/fhmpo\#!tip/ c15wq

Metropolitan Transportation Plan (MTP): The FHMPO is anticipated to a have an adopted MTP no later than March 27, 2016.

Contact Information:
FHMPO
500 Huebner Road
Fort Riley, KS 66442
Telephone: 855-785-3472
http://flinthillsmpo.wix.com/fhmpo
Email:FHMPO@FlintHillsRegion.org
Or stephanie@flinthillsregion.org

St. Joseph Area Transportation
Study Organization (SJATSO)
St. Joseph Metropolitan Area
FY 2012-2015
Transportation Improvement Program
For the St. Joseph Area

- Approval by SJATSO on June 29, 2011
- Approval by KDOT on July 8, 2011
- Approval by FHWA/FTA on July 12, 2011

Link to current TIP: www.ci.st-
jo-
seph.mo.us/mpo/TIP\ Document\ 

## FY12-15.pdf

Metropolitan Transportation Plan (MTP):
"2035 St. Joseph Area Long-Range Transportation Plan"

- Approval Date: February 11, 2010
- Expiration Date: February 11, 2015

Link to current MTP:
http://stjoempo.org/?page id=104
Contact Information:
SJATSO
1100 Frederick Avenue, Room 202
St. Joseph, MO 64501
Telephone: 816-236-4653
http://stjoempo.org/
Email: http://stjoempo.org/?page id=39

## JANUARY AMENDMENT

to the
FEDERAL FISCAL YEAR 2014-2017 STIP

| DISPOSITION | ROUTE | COUNTY | KDOT PROJECT NUMBER | DESCRIPTION | WORK TYPE | LENGTH <br> (Miles) | F/A PROJECT NUMBER | FUND CAT CODE | $\begin{aligned} & \text { PRO- } \\ & \text { RATA } \end{aligned}$ | WORK <br> PHASE <br> estimate <br> (\$1,000's) | FUNDS EXPECTED TO OBLIGATE (\$1,000's) | WORK <br> PHASE | $\begin{aligned} & \text { PLANNED } \\ & \text { YEAR } \\ & \text { OBLIGATION } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rev Est |  | REPUBLIC | C-0329-01 | Br over Riley Cr . 5 Mi S \& . 5 W of Belleville | BRRPL | 0.0 | C032(901) | STP | 80.00 | \$630 | \$504 | CONST | 2014 |
| Rev Est |  | REPUBLIC | C-0329-01 | Br over Riley Cr . 5 Mi S \& . 5 W of Belleville | BRRPL | 0.0 | C032(901) | C0079 | 20.00 | \$630 | \$126 | CONST | 2014 |
| Rev Est |  | GEARY | C-4243-01 | Br over W Br Humboldt Cr 5 Mi S \& 12 Mi E of Junction City | BRRPL | 0.0 | C424(301) | STP | 80.00 | \$393 | \$314 | CONST | 2014 |
| Rev Est |  | GEARY | C-4243-01 | Br over W Br Humboldt Cr 5 Mi S \& 12 Mi E of Junction City | BRRPL | 0.0 | C424(301) | C0031 | 20.00 | \$393 | \$79 | CONST | 2014 |
| Rev Est |  | DICKINSON | C-4592-01 | Old US-40 Between Abilene \& Chapman | ASPH | 9.5 | C459(201) | HSIP | 90.00 | \$1,500 | \$1,350 | CONST | 2014 |
| Rev Est |  | DICKINSON | C-4592-01 | Old US-40 Between Abilene \& Chapman | ASPH | 9.5 | C459(201) | U0021 | 10.00 | \$1,500 | \$150 | CONST | 2014 |
| Move Out |  | MONTGOMERY | C-4595-01 | 3900 Rd from US-166 N to 3800 Rd | GR | 10.0 | C459(501) | HRRR | 90.00 | \$641 | \$577 | CONST | 2015 |
| Move Out |  | MONTGOMERY | C-4595-01 | 3900 Rd from US-166 N to 3800 Rd | GR | 10.0 | C459(501) | C0063 | 10.00 | \$641 | \$64 | CONST | 2015 |
| Rev Est | US-50 | RENO | K-7409-08 | W Jct of K-61 E to E of Yoder/Airport Rd | SEED | 0.0 | K740(908) | NHPP | 80.00 | \$153 | \$122 | CONST | 2014 |
| Rev Est | US-50 | RENO | K-7409-08 | W Jct of K-61 E to E of Yoder/Airport Rd | SEED | 0.0 | K740(908) | K | 20.00 | \$153 | \$31 | CONST | 2014 |
| Rev Est | US-36 | DECATUR | KA-0026-01 | Br over Sappa Cr 2.26 Mi E of Jct US-83 | BRRPL | 0.0 | A002(601) | BRF | 80.00 | \$1,025 | \$820 | CONST | 2014 |
| Rev Est | US-36 | DECATUR | KA-0026-01 | Br over Sappa Cr 2.26 Mi E of Jct US-83 | BRRPL | 0.0 | A002(601) | K | 20.00 | \$1,025 | \$205 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-02 | Br over Sappa Cr Drng 3.96 Mi E of Jct US-83 | BRRPL | 0.0 | A002(602) | STP | 80.00 | \$1,270 | \$1,016 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-02 | Br over Sappa Cr Drng 3.96 Mi E of Jct US-83 | BRRPL | 0.0 | A002(602) | K | 20.00 | \$1,270 | \$254 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-03 | Br over Sappa Cr Drng 6.77 Mi E of Jct US-83 | BRRPL | 0.0 | A002(603) | BRF | 80.00 | \$730 | \$584 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-03 | Br over Sappa Cr Drng 6.77 Mi E of Jct US-83 | BRRPL | 0.0 | A002(603) | K | 20.00 | \$730 | \$146 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-03 | Br over Sappa Cr Drng 6.77 Mi E of Jct US-83 | BRRPL | 0.0 | A002(603) | STP | 80.00 | \$882 | \$706 | CONST | 2014 |
| Add | US-36 | DECATUR | KA-0026-03 | Br over Sappa Cr Drng 6.77 Mi E of Jct US-83 | BRRPL | 0.0 | A002(603) | K | 20.00 | \$882 | \$176 | CONST | 2014 |
| Rev Est |  | STATEWIDE | KA-0433-13 | FY-2013 Statewide Signing Projects | SIGN | 0.0 | A043(313) | HSIP | 100.00 | \$8,675 | \$8,675 | CONST | 2014 |
| Rev Est |  | STATEWIDE | KA-0433-13 | FY-2013 Statewide Signing Projects | SIGN | 0.0 | A043(313) | HSIP | 100.00 | \$2,345 | \$2,345 | PE | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | STP | 80.00 | \$1,000 | \$800 | CONST | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | K | 20.00 | \$1,000 | \$200 | CONST | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | STP | 80.00 | \$275 | \$220 | PE | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | K | 20.00 | \$275 | \$55 | PE | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | STP | 80.00 | \$24 | \$19 | UTIL | 2014 |
| Convert AC | US-59 | ALLEN | KA-1772-01 | Br over Canville Cr 2.65 Mi N of US-59/K-35 E Jct | BRRPL | 0.0 | A177(201) | K | 20.00 | \$24 | \$5 | UTIL | 2014 |
| Rev Cnty | US-160 | BARBER | KA-2050-01 | Br over BA Co State Lake Drng . 03 Mi E of E Jct of US-160/281 | BRRPL | 0.0 | A205(001) | STP | 80.00 | \$1,270 | \$1,016 | CONST | 2014 |
| Rev Cnty | US-160 | BARBER | KA-2050-01 | Br over BA Co State Lake Drng . 03 Mi E of E Jct of US-160/281 | BRRPL | 0.0 | A205(001) | K | 20.00 | \$1,270 | \$254 | CONST | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | STP | 80.00 | \$500 | \$400 | CONST | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | K | 20.00 | \$500 | \$100 | CONST | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | STP | 80.00 | \$150 | \$120 | PE | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | K | 20.00 | \$150 | \$30 | PE | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | STP | 80.00 | \$30 | \$24 | UTIL | 2014 |
| Convert AC | K-94 | FORD | KA-2061-01 | Br over W Frk Rattlesnake Cr 2.11 Mi S of US-54 | BRRPL | 0.0 | A206(101) | K | 20.00 | \$30 | \$6 | UTIL | 2014 |
| Rev Est | US-24 | JEFFERSON | KA-2064-01 | Br over KS Rv Drng 3.71 Mi E of US-24/US-59 Jct | BRRPL | 0.0 | A206(401) | STP | 80.00 | \$930 | \$744 | CONST | 2014 |
| Rev Est | US-24 | JEFFERSON | KA-2064-01 | Br over KS Rv Drng 3.71 Mi E of US-24/US-59 Jct | BRRPL | 0.0 | A206(401) | K | 20.00 | \$930 | \$186 | CONST | 2014 |

## JANUARY AMENDMENT

to the
FEDERAL FISCAL YEAR 2014-2017 STIP

| DISPOSITION | ROUTE | COUNTY | KDOT PROJECT NUMBER | DESCRIPTION | WORK TYPE | LENGTH <br> (Miles) | F/A <br> PROJECT NUMBER | $\begin{aligned} & \text { FUND } \\ & \text { CAT } \\ & \text { CODE } \end{aligned}$ | $\begin{aligned} & \text { PRO- } \\ & \text { RATA } \end{aligned}$ | WORK <br> PHASE <br> ESTIMATE <br> (\$1,000's) | FUNDS EXPECTED TO OBLIGATE (\$1,000's) | WORK <br> PHASE | $\begin{aligned} & \text { PLANNED } \\ & \text { YEAR } \\ & \text { OBLIGATION } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rev Est | US-24 | JEFFERSON | KA-2064-01 | Br over KS Rv Drng 3.71 Mi E of US-24/US-59 Jct | BRRPL | 0.0 | A206(401) | STP | 80.00 | \$262 | \$210 | PE | 2014 |
| Rev Est | US-24 | JEFFERSON | KA-2064-01 | Br over KS Rv Drng 3.71 Mi E of US-24/US-59 Jct | BRRPL | 0.0 | A206(401) | K | 20.00 | \$262 | \$52 | PE | 2014 |
| Add AC | K-181 | MITCHELL | KA-2072-01 | Br over Bacon Cr \& Drng . 9 \& . 88 Mi N of MC/LC Co Ln | BRRPL | 0.0 | A207(201) | ACSTP | 80.00 | \$905 | \$724 | CONST | 2014 |
| Add AC | K-181 | MITCHELL | KA-2072-01 | Br over Bacon Cr \& Drng . 9 \& . 88 Mi N of MC/LC Co Ln | BRRPL | 0.0 | A207(201) | K | 20.00 | \$905 | \$181 | CONST | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | STP | 80.00 | \$600 | \$480 | CONST | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | K | 20.00 | \$600 | \$120 | CONST | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | STP | 80.00 | \$150 | \$120 | PE | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | K | 20.00 | \$150 | \$30 | PE | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | STP | 80.00 | \$21 | \$17 | UTIL | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2080-01 | Br over Deep Cr Drng 1 Mi E of Belvue | BRRPL | 0.0 | A208(001) | K | 20.00 | \$21 | \$4 | UTIL | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | STP | 80.00 | \$600 | \$480 | CONST | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | K | 20.00 | \$600 | \$120 | CONST | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | STP | 80.00 | \$220 | \$176 | PE | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | K | 20.00 | \$220 | \$44 | PE | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | STP | 80.00 | \$22 | \$18 | UTIL | 2014 |
| Convert AC | US-24 | POTTAWATOMIE | KA-2081-01 | Br over College Cr . 54 Mi E of K-63 | BRRPL | 0.0 | A208(101) | K | 20.00 | \$22 | \$4 | UTIL | 2014 |
| Convert AC | K-42 | PRATT | KA-2082-01 | Br over Sand Cr 3.91 Mi E of US-281 | BRRPL | 0.0 | A208(201) | STP | 80.00 | \$980 | \$784 | CONST | 2014 |
| Convert AC | K-42 | PRATT | KA-2082-01 | Br over Sand Cr 3.91 Mi E of US-281 | BRRPL | 0.0 | A208(201) | K | 20.00 | \$980 | \$196 | CONST | 2014 |
| Rev Est/Convert AC | K-42 | PRATT | KA-2082-01 | Br over Sand Cr 3.91 Mi E of US-281 | BRRPL | 0.0 | A208(201) | STP | 80.00 | \$250 | \$200 | PE | 2014 |
| Rev Est/Convert AC | K-42 | PRATT | KA-2082-01 | Br over Sand Cr 3.91 Mi E of US-281 | BRRPL | 0.0 | A208(201) | K | 20.00 | \$250 | \$50 | PE | 2014 |
| Convert AC | K-148 | REPUBLIC | KA-2086-01 | 2 Brs over W Frk Elk Cr 12.19 \& 12.34 Mi NE of US-81 | BRRPL | 0.0 | A208(601) | STP | 80.00 | \$1,740 | \$1,392 | CONST | 2014 |
| Convert AC | K-148 | REPUBLIC | KA-2086-01 | 2 Brs over W Frk Elk Cr 12.19 \& 12.34 Mi NE of US-81 | BRRPL | 0.0 | A208(601) | K | 20.00 | \$1,740 | \$348 | CONST | 2014 |
| Rev Est/Convert AC | K-148 | REPUBLIC | KA-2086-01 | 2 Brs over W Frk Elk Cr 12.19 \& 12.34 Mi NE of US-81 | BRRPL | 0.0 | A208(601) | STP | 80.00 | \$275 | \$220 | PE | 2014 |
| Rev Est/Convert AC | K-148 | REPUBLIC | KA-2086-01 | 2 Brs over W Frk Elk Cr 12.19 \& 12.34 Mi NE of US-81 | BRRPL | 0.0 | A208(601) | K | 20.00 | \$275 | \$55 | PE | 2014 |
| Add AC | US-81 | SUMNER | KA-2090-01 | Br over Fall Cr 1.58 Mi N of OK St Ln | BRRPL | 0.0 | A209(001) | STP | 80.00 | \$1,064 | \$851 | CONST | 2014 |
| Add AC | US-81 | SUMNER | KA-2090-01 | Br over Fall Cr 1.58 Mi N of OK St Ln | BRRPL | 0.0 | A209(001) | K | 20.00 | \$1,064 | \$213 | CONST | 2014 |
| Add | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | NHPP | 80.00 | \$1,500 | \$1,200 | CONST | 2014 |
| Add | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | K | 20.00 | \$1,500 | \$300 | CONST | 2014 |
| Convert AC | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | NHPP | 80.00 | \$110 | \$88 | PE | 2014 |
| Convert AC | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | K | 20.00 | \$110 | \$22 | PE | 2014 |
| Convert AC | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | NHPP | 80.00 | \$25 | \$20 | UTIL | 2014 |
| Convert AC | US-77 | MARSHALL | KA-2102-01 | Br over Swede Cr . 97 Mi N of RL Co Ln | BRRPL | 0.0 | A210(201) | K | 20.00 | \$25 | \$5 | UTIL | 2014 |
| Convert AC | K-18 | RILEY | KA-2105-01 | Br over KS Rv Drng 4.59 Mi E of S Jct K-177 | BRRPL | 0.0 | A210(501) | STP | 80.00 | \$200 | \$160 | PE | 2014 |
| Convert AC | K-18 | RILEY | KA-2105-01 | Br over KS Rv Drng 4.59 Mi E of S Jct K-177 | BRRPL | 0.0 | A210(501) | K | 20.00 | \$200 | \$40 | PE | 2014 |
| Add | K-18 | RILEY | KA-2105-01 | Br over KS Rv Drng 4.59 Mi E of S Jct K-177 | BRRPL | 0.0 | A210(501) | STP | 80.00 | \$22 | \$18 | UTIL | 2014 |
| Add | K-18 | RILEY | KA-2105-01 | Br over KS Rv Drng 4.59 Mi E of S Jct K-177 | BRRPL | 0.0 | A210(501) | K | 20.00 | \$22 | \$4 | UTIL | 2014 |

## JANUARY AMENDMENT

to the
FEDERAL FISCAL YEAR 2014-2017 STIP

| DISPOSITION | ROUTE | COUNTY | KDOT PROJECT NUMBER | DESCRIPTION | WORK TYPE | LENGTH <br> (Miles) | F/A <br> PROJECT NUMBER | FUND CAT CODE | $\begin{aligned} & \text { PRO- } \\ & \text { RATA } \end{aligned}$ | WORK PHASE ESTIMATE (\$1,000's) | FUNDS EXPECTED TO OBLIGATE (\$1,000's) | WORK PHASE | PLANNED YEAR OBLIGATION |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rev Est | US-36 | REPUBLIC | KA-2334-01 | From . 24 Mi E to 1.1 Mi E of US-36/US-81 | PAVRC | 0.9 | A233(401) | ACNHP | 80.00 | \$2,500 | \$2,000 | CONST | 2014 |
| Rev Est | US-36 | REPUBLIC | KA-2334-01 | From . 24 Mi E to 1.1 Mi E of US-36/US-81 | PAVRC | 0.9 | A233(401) | K | 20.00 | \$2,500 | \$500 | CONST | 2014 |
| Add | US-400 | LABETTE | KA-2375-09 | From 5 M SE of US-400/US-59 Jct, East for 2 M | GRSU | 2.0 | A237(509) | ACNHP | 80.00 | \$70 | \$56 | UTIL | 2014 |
| Add | US-400 | LABETTE | KA-2375-09 | From 5 M SE of US-400/US-59 Jct, East for 2 M | GRSU | 2.0 | A237(509) | K | 20.00 | \$70 | \$14 | UTIL | 2014 |
| Add | K-99 | WABAUNSEE | KA-2603-02 | From K-99/I-70 Jct N to 200' S of Br over KS Rv | GRSU | 9.2 | A260(302) | ACSTP | 80.00 | \$1,120 | \$896 | PE | 2014 |
| Add | K-99 | WABAUNSEE | KA-2603-02 | From K-99/l-70 Jct N to 200' S of Br over KS Rv | GRSU | 9.2 | A260(302) | K | 20.00 | \$1,120 | \$224 | PE | 2014 |
| Rev Est |  | DICKINSON | U-0078-01 | Brdwy St over Trib to Lime Cr Adj to Father Padilla Pk in Herington | BRRPL | 0.2 | U007(801) | STP | 80.00 | \$920 | \$736 | CONST | 2014 |
| Rev Est |  | DICKINSON | U-0078-01 | Brdwy St over Trib to Lime Cr Adj to Father Padilla Pk in Herington | BRRPL | 0.2 | U007(801) | U0300 | 20.00 | \$920 | \$184 | CONST | 2014 |
| Rev Est/Move In |  | SUMNER | U-1651-01 | 3rd St over Hargis Cr in Wellington | BRRPL | 0.0 | U165(101) | BRO | 80.00 | \$500 | \$400 | CONST | 2014 |
| Rev Est/Move In |  | SUMNER | U-1651-01 | 3rd St over Hargis Cr in Wellington | BRRPL | 0.0 | U165(101) | U0620 | 20.00 | \$500 | \$100 | CONST | 2014 |
| Rev Est |  | CLOUD | X-0227-01 | BNSF RR Xing \& Olive St in Concordia | FLTSG | 0.0 | X022(701) | HSIP | 100.00 | \$287 | \$287 | CONST | 2014 |
| Rev Est |  | HARVEY | X-2829-01 | BNSF RR Xing \& NE 48th Rd 4 Mi NE of Newton | FLTSG | 0.0 | X282(901) | RRS | 100.00 | \$390 | \$390 | CONST | 2014 |
| Rev Est |  | HARVEY | X-2829-01 | BNSF RR Xing \& NE 48th Rd 4 Mi NE of Newton | FLTSG | 0.0 | X282(901) | STP | 100.00 | \$115 | \$115 | CONST | 2014 |
| Rev Est |  | CHASE | X-2831-01 | BNSF RR Xing \& T Rd 1 Mi NE of Bazaar | FLTSG | 0.0 | X283(101) | RRS | 100.00 | \$469 | \$469 | CONST | 2014 |
| Rev Est |  | CHASE | X-2831-01 | BNSF RR Xing \& T Rd 1 Mi NE of Bazaar | FLTSG | 0.0 | X283(101) | STP | 100.00 | \$51 | \$51 | CONST | 2014 |
| Add AC |  | OSAGE | X-2848-01 | BNSF RR Xing \& 317th Rd 1.5 Mi SW of Melvern | FLTSG | 0.0 | X284(801) | ACHSP | 100.00 | \$251 | \$251 | CONST | 2014 |
| Add AC |  | OSAGE | X-2849-01 | BNSF RR Xing \& Morrill Rd 2 Mi NE of Olivet | FLTSG | 0.0 | X284(901) | ACHSP | 100.00 | \$301 | \$301 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2850-01 | SKOL RR Xing \& Jefferson St in Pittsburg | FLTSG | 0.0 | X285(001) | ACHSP | 100.00 | \$231 | \$231 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2851-01 | SKOL RR Xing \& Joplin St in Pittsburg | FLTSG | 0.0 | X285(101) | ACHSP | 100.00 | \$351 | \$351 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2852-01 | SKOL RR Xing \& Quincy St in Pittsburg | FLTSG | 0.0 | X285(201) | ACHSP | 100.00 | \$251 | \$251 | CONST | 2014 |
| Rev Est |  | MARION | X-2863-01 | UP RR Xing \& Pawnee Rd SW of Aulne | FLTSG | 0.0 | X286(301) | HSIP | 100.00 | \$294 | \$294 | CONST | 2014 |
| Add AC |  | POTTAWATOMIE | X-2866-01 | UP RR Xing \& Schoeman Rd E of Belvue | FLTSG | 0.0 | X286(601) | ACHSP | 100.00 | \$201 | \$201 | CONST | 2014 |
| Add AC |  | RILEY | X-2867-01 | UP RR Xing \& 15th St in Manhattan | FLTSG | 0.0 | X286(701) | ACHSP | 100.00 | \$351 | \$351 | CONST | 2014 |
| Add AC |  | SALINE | X-2868-01 | UP RR Xing \& Wyman Rd E of Brookville | FLTSG | 0.0 | X286(801) | ACHSP | 100.00 | \$211 | \$211 | CONST | 2014 |
| Add AC |  | ELLIS | X-2869-01 | UP RR Xing \& 160 Ave 3 Mi E of Ellis | FLTSG | 0.0 | X286(901) | ACHSP | 100.00 | \$206 | \$206 | CONST | 2014 |
| Add AC |  | TREGO | X-2870-01 | UP RR Xing \& Riga Rd 4 Mi W of Ellis | FLTSG | 0.0 | X287(001) | ACHSP | 100.00 | \$301 | \$301 | CONST | 2014 |
| Add AC |  | LOGAN | X-2871-01 | UP RR Xing \& 400 Rd W of Oakley | FLTSG | 0.0 | X287(101) | ACHSP | 100.00 | \$301 | \$301 | CONST | 2014 |
| Add AC |  | LOGAN | X-2872-01 | UP RR Xing \& 280 Rd Near Monument | FLTSG | 0.0 | X287(201) | ACHSP | 100.00 | \$251 | \$251 | CONST | 2014 |
| Add AC |  | WALLACE | X-2873-01 | UP RR Xing \& WA N-6 Rd @ Weskan | FLTSG | 0.0 | X287(301) | ACHSP | 100.00 | \$261 | \$261 | CONST | 2014 |
| Add AC |  | WALLACE | X-2874-01 | UP RR Xing \& 3 Rd W of Weskan | FLTSG | 0.0 | X287(401) | ACHSP | 100.00 | \$221 | \$221 | CONST | 2014 |
| Add AC |  | BOURBON | X-2876-01 | BNSF RR Xing \& Hackberry Rd 2 Mi S of Ft. Scott | FLTSG | 0.0 | X287(601) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | BOURBON | X-2877-01 | BNSF RR Xing \& 180th St 8 Mi SW of Ft. Scott | FLTSG | 0.0 | X287(701) | ACHSP | 100.00 | \$401 | \$401 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2878-01 | BNSF RR Xing \& 640 Ave 1.5 Mi N of Girard | FLTSG | 0.0 | X287(801) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2879-01 | BNSF RR Xing \& N St NE of Girard | FLTSG | 0.0 | X287(901) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2880-01 | BNSF RR Xing \& 530 Ave 2 Mi N of Cherokee | FLTSG | 0.0 | X288(001) | ACHSP | 100.00 | \$301 | \$301 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2881-01 | BNSF RR Xing \& 510 Ave N of Cherokee | FLTSG | 0.0 | X288(101) | ACHSP | 100.00 | \$451 | \$451 | CONST | 2014 |

## JANUARY AMENDMENT

to the
FEDERAL FISCAL YEAR 2014-2017 STIP

| DISPOSITION | ROUTE | COUNTY | KDOT PROJECT NUMBER | DESCRIPTION | WORK | LENGTH (Miles) | F/A PROJECT NUMBER | $\begin{aligned} & \text { FUND } \\ & \text { CAT } \\ & \text { CODE } \end{aligned}$ | PRORATA | WORK PHASE ESTIIATE ( $\$ 1,000$ 's) | FUNDS EXPECTED то obLIGATE (\$1,000's) | WORK PHASE | $\begin{aligned} & \text { PLANNED } \\ & \text { YEAR } \\ & \text { OBLIGATION } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Add AC |  | CHEROKEE | X-2882-01 | BNSF RR Xing \& Liberty Rd 1 Mi N of Scammon | FLTSG | 0.0 | X288(201) | ACHSP | 100.00 | \$376 | \$376 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2883-01 | BNSF RR Xing \& Magnolia St in Girard | FLTSG | 0.0 | X288(301) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2884-01 | BNSF RR Xing \& Orange St in Girard | FLTSG | 0.0 | X288(401) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2885-01 | BNSF RR Xing \& Willow St in Girard | FLTSG | 0.0 | X288(501) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |
| Add AC |  | CRAWFORD | X-2886-01 | BNSF RR Xing \& Elm St in Girard | FLTSG | 0.0 | X288(601) | ACHSP | 100.00 | \$326 | \$326 | CONST | 2014 |

## KDOT - All Agency Funds

| (\$000) | 2014 | 2015 | 2016 | 2017 | $\begin{gathered} \text { Total } \\ \text { SFY 2014-2017 } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| BEGINNING BALANCE | 564,214 | 503,526 | 322,259 | 382,643 |  |
| Resources |  |  |  |  |  |
| Motor Fuel Taxes | 433,806 | 436,406 | 439,006 | 441,606 | 1,750,824 |
| Sales \& Compensating Tax | 478,492 | 510,300 | 529,436 | 549,290 | 2,067,518 |
| Registration Fees | 199,500 | 206,500 | 209,500 | 212,500 | 828,000 |
| Drivers Licenses Fees | 8,755 | 8,755 | 8,755 | 8,755 | 35,020 |
| Special Vehicle Permits | 2,403 | 2,403 | 2,403 | 2,403 | 9,612 |
| Interest on Funds | 4,395 | 4,771 | 8,048 | 9,162 | 26,376 |
| Misc. Revenues | 25,654 | 20,855 | 10,552 | 10,775 | 67,836 |
| Transfers: | 1,394 | 1,394 | 1,394 | 1,394 | 5,576 |
| Motor Carrier Property Tax | - | - | 10,064 | 10,235 | 20,299 |
| Subtotal | 1,154,399 | 1,191,384 | 1,219,158 | 1,246,120 | 4,811,061 |
| Federal \& Local Construction |  |  |  |  |  |
| Reimbursement |  |  |  |  |  |
| Federal Reimbursement - SHF | 269,227 | 248,184 | 234,179 | 252,888 | 1,004,478 |
| Local Construction - Federal | 61,728 | 90,511 | 79,861 | 82,537 | 314,637 |
| Local Construction - Local | 37,856 | 33,894 | 27,418 | 32,111 | 131,279 |
| Miscellaneous Federal Aid | 30,774 | 29,988 | 30,514 | 31,054 | 122,330 |
| Subtotal Federal \& Local | 399,585 | 402,577 | 371,972 | 398,590 | 1,572,725 |
| Total before Bonding | 1,553,984 | 1,593,961 | 1,591,130 | 1,644,710 | 6,383,786 |
| Bond Sales (par) | 150,000 | 210,000 | 200,000 | - | 560,000 |
| Issue Costs/Premium/Discount/Acc Int. | - | - | - | - | - |
| Net from Bond Sales: | 150,000 | 210,000 | 200,000 | - | 560,000 |
| Net TRF Loan Transactions | 5,360 | 4,811 | 4,608 | 4,628 | 19,407 |
| TOTAL RECEIPTS | 1,709,344 | 1,808,772 | 1,795,738 | 1,649,338 | 6,963,193 |
| AVAILABLE RESOURCES | 2,273,558 | 2,312,298 | 2,117,997 | 2,031,981 | 8,735,835 |

The following revenue estimates are currently being used: April 2013 State Consensus Revenue Estimating Group November 2012 Highway Revenue Estimating Group Debt Service updated 12/06/2012

## KDOT - All Agency Funds

| (\$000) | 2014 | 2015 | 2016 | 2017 | $\begin{gathered} \text { Total } \\ \text { SFY } 2014-2017 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EXPENDITURES: |  |  |  |  |  |
| Maintenance | 136,632 | 137,670 | 141,111 | 144,639 | 560,052 |
| Construction |  |  |  |  |  |
| Preservation | 359,487 | 469,112 | 407,390 | 424,642 | 1,660,631 |
| Modernization | 39,028 | 49,890 | 25,760 | 59,494 | 174,172 |
| Expansion \& Enhancements | 284,142 | 351,146 | 322,926 | 237,816 | 1,196,030 |
| CE \& PE | 104,270 | 109,379 | 111,391 | 113,826 | 438,866 |
| Total Construction | 786,927 | 979,527 | 867,467 | 835,778 | 3,469,699 |
| Modes |  |  |  |  |  |
| Aviation | 6,559 | 5,549 | 5,193 | 5,068 | 22,369 |
| Public Transit | 33,748 | 30,299 | 30,825 | 31,365 | 126,237 |
| Rail | 7,613 | 7,591 | 7,719 | 7,907 | 30,830 |
| Total Modes | 47,920 | 43,439 | 43,737 | 44,340 | 179,436 |
| Local Support |  |  |  |  |  |
| SC\&CHF | 145,770 | 146,750 | 157,688 | 158,734 | 608,942 |
| Local Federal Aid Projects | 70,068 | 93,795 | 71,288 | 85,781 | 320,932 |
| Local Partnership Programs | 37,330 | 59,585 | 56,085 | 43,293 | 196,293 |
| City Connecting Links | 3,360 | 3,360 | 3,360 | 3,360 | 13,440 |
| Agency Operations | 9,484 | 9,511 | 9,702 | 9,897 | 38,594 |
| Other | 13,624 | 13,009 | 12,480 | 12,304 | 51,417 |
| Total Local Support | 279,636 | 326,010 | 310,603 | 313,369 | 1,229,618 |
| Management | 60,964 | 54,108 | 55,439 | 56,804 | 227,315 |
| Buildings | 7,209 | 6,856 | 7,164 | 7,487 | 28,716 |
| Total | 68,173 | 60,964 | 62,603 | 64,291 | 256,031 |
| Transfers Out | 267,476 | 242,350 | 111,201 | 113,889 | 734,916 |
| TOTAL before Debt Service | 1,586,764 | 1,789,960 | 1,536,722 | 1,516,306 | 6,429,752 |
| Debt Service | 183,268 | 200,079 | 198,633 | 210,088 | 792,068 |
| TOTAL EXPENDITURES | 1,770,032 | 1,990,039 | 1,735,355 | 1,726,394 | 7,221,820 |
| ENDING BALANCE | 503,526 | 322,259 | 382,643 | 305,586 |  |
| Minimum Ending Balance Requirement | 277,686 | 274,373 | 287,554 | 267,872 |  |
| AVAILABLE ENDING FUND BALANCE: | 225,840 | 47,886 | 95,089 | 37,715 |  |
|  | 2014 | 2015 | 2016 | 2017 | $\begin{gathered} \text { Total } \\ \text { SFY } 2014-2017 \end{gathered}$ |

## Required Ending Balances reflect:

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

# Wichita $A_{\text {rea }} M_{\text {etropolitan }} P_{\text {Lanning }} O_{\text {Rganization }}$ 

December 13, 2013

Davonna Moore
Bureau of Transportation Planning
Kansas Department of Transportation
700 S.W. Harrison Street
Topeka, KS 66603-3754
Dear Ms. Moore:

Attached to the email is a copy of the 2014 Transportation Improvement Program (TIP) Amendment \#1 that was approved by the WAMPO Transportation Policy Body on
December 10, 2013. Please provide the appropriate approvals and incorporate this TIP into the State TIP.

If you have any questions, feel free to contact me.
Sincerely,


Brenton Holper<br>Associate Planner<br>Wichita Area Metropolitan Planning Organization<br>455 N. Main, $10^{\text {th }}$ Floor<br>Wichita, KS 67212<br>T: (316) 352-4863<br>bholper@wichita.gov

## cc: Paul Foundoukis, FHWA <br> Allison Smith, KDOT

## 2014 TIP Amendment \#1 - Summary of Changes

The following summary reflects changes made to the 2014 TIP in Amendment \#1 - December 10, 2013.

| Sponsor | Year | Name | Scope | Change | WAMPO / KDOT Project \# | Funding <br> Source(s) | Total <br> Federal <br> Funding | Total State Funding | Total Local Funding | Total <br> Funding |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| City of Wichita | 2014 | Intersection: Mt. Vernon \& Oliver | Improve intersection to add left turn lanes on all approaches including room for future onstreet bike lane on Mt. Vernon. Upgrade traffic signals. | Project addition. | INT-11-002 N/A. | HSIP | \$900,000 | \$0 | \$750,000 | \$1,650,000 |
| KDOT | 2014 | Road: I-135: Junction of K96 (37th N.) to Park City Limits - Phase III | Heavy roadway rehabilitation. | Updated the total project cost over the life of the project. | R-11-018-AC <br> KA-0733-01 | KDOT | \$0 | \$21,500,000 | \$0 | \$21,500,000 |
| KDOT | 2014 | Safety: 2014 Railroad Safety Crossing Improvements | Provide 3 RR safety improvements in MPO region. | Increased project costs by $\$ 825,000$. | $\begin{aligned} & \text { S-11-002 } \\ & \text { N/A. } \end{aligned}$ | HSIP | \$1,500,000 | \$0 | \$0 | \$1,500,000 |
| Sedgwick County Public Works | 2014 | Safety: Center Line and Edge Line Rumble Strips at Various Locations (2014) | Install center line and edge line rumble strips at selected locations where curves increase the likelihood that vehicles will leave the travelled roadway. | KDOT project number was added. | S-14-001 <br> 87 C-0619-01 | HSIP | \$46,000 | \$0 | \$0 | \$46,000 |


| Sponsor | Year | Name | Scope | Change | $\begin{aligned} & \text { WAMPO / } \\ & \text { KDOT } \\ & \text { Project \# } \end{aligned}$ | Funding <br> Source(s) | Total <br> Federal <br> Funding | Total State Funding | Total Local Funding | Total Funding |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KDOT | 2015 | Bridge: Replacement of Bridges along I-235 (ROW) | Bridge Replacement, I-235: Brs \#104 (Seneca St. over I-235); \#105 \& \#106 (Little Arkansas River); \#107 \& \#355 (Arkansas Ave.) and \#109 \& \#110 (Broadway \& ATSF RR). | Project costs increased by $\$ 5,060,000$ in KDOT funds. | $\begin{aligned} & \text { B-13-010 } \\ & \text { KA-3110-01 } \end{aligned}$ | KDOT | \$0 | \$5,600,000 | \$0 | \$5,600,000 |
| KDOT | 2015 | Safety: 2015 Railroad Safety Crossing Improvements | Provide 3 railroad safety improvements in the WAMPO region. | Increased project costs by $\$ 825,000$. | $\begin{aligned} & \text { S-12-001 } \\ & \text { N/A. } \end{aligned}$ | HSIP | \$1,500,000 | \$0 | \$0 | \$1,500,000 |
| KDOT | 2016 | Road: I-135: Junction of K96 (37th N.) to Park City Limits - Phase III | Roadway rehabilitation. | Updated the total project cost over the life of the project. | R-11-018-C1 KA-0733-01 | NHP IM | \$21,637,000 | \$0 | \$0 | \$21,637,000 |
| кDOT | 2016 | Safety: 2016 Railroad Safety Crossing Improvements | Provide 3 RR safety improvements in MPO region. | Increased project costs by $\$ 825,000$. | $\begin{aligned} & \text { S-13-001 } \\ & \text { N/A. } \end{aligned}$ | HSIP | \$1,500,000 | \$0 | \$0 | \$1,500,000 |
| KDOT | 2017 | Safety: 2017 Railroad Safety Crossing Improvements | Provide 3 RR safety improvements in MPO region. | Project addition. | S-14-002 | HSIP | \$1,500,000 | \$0 | \$0 | \$1,500,000 |

[^0]
## Funding Summary Spreadsheet

| WAMPO Competitive Funds |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | :---: |
| Federal Funding Source | Total | FFY 2014 | FFY 2015 | FFY 2016 | FFY 2017 |
| Anticipated MPO-STP | $\$ 37,755,168$ | $\$ 9,438,792$ | $\$ 9,438,792$ | $\$ 9,438,792$ | $\$ 9,438,792$ |
| Programmed MPO-STP | $\$ 37,652,426$ | $\$ 9,336,051$ | $\$ 9,438,792$ | $\$ 9,438,791$ | $\$ 9,438,792$ |
| Anticipated MPO-CMAQ | $\$ 8,239,556$ | $\$ 2,059,889$ | $\$ 2,059,889$ | $\$ 2,059,889$ | $\$ 2,059,889$ |
| Programmed MPO-CMAQ | $\$ 8,239,558$ | $\$ 2,059,889$ | $\$ 2,059,890$ | $\$ 2,059,890$ | $\$ 2,059,889$ |
| Anticipated MPO-TA | $\$ 3,413,724$ | $\$ 853,431$ | $\$ 853,431$ | $\$ 853,431$ | $\$ 853,431$ |
| Programmed MPO-TA | $\$ 2,817,962$ | $\$ 853,431$ | $\$ 853,432$ | $\$ 853,431$ | $\$ 257,668$ |


| Advance Construction |  |
| :---: | :---: |
| A practice reffered to as Advance Construction is |  | commonly used within the WAMPO region in order to maximize the region's ability to expend federal funds. This practice provides project sponsors the ability to have a project occur in one FFY and be reimbursed in another FFY. This practice is most often used only for projects programmed with WAMPO Competitive funds (with KDOT being the exception).

When Advanced Construction is used, project sponsors must front the entire cost of the project in the first FFY of the project with state and/or local funds. Once federal funds are available, the project sponsor can be reimbursed if the conversion of funds is identified in the TIP. WAMPO only programs federal funds for the four FFY's of the TIP, so project sponsors other than KDOT must stay within these bounds.

The table below reflects the total amount of local funds being converted into federal funds. Negative balances reflect that more conversions of federal funds are occuring than local or state funds being programmed for a project(s) using AC in that FFY.

| Advanced Construction - <br> Anticipated Conversions |  |  |  |
| :---: | ---: | ---: | ---: |
| FFY | State Advanced <br> Construction | Local Advanced <br> Construction | Total |
| 2013 | $\$ 0$ | $\$ 854,663$ | $\$ 854,663$ |
| 2014 | $\$ 0$ | $\$ 596,199$ | $\$ 596,199$ |
| 2015 | $\$ 111,957,000$ | $\$ 1,931,819$ | $\$ 113,888,819$ |
| 2016 | $\$ 0$ | $\$ 1,286,308$ | $\$ 1,286,308$ |
| Total | $\$ 111,957,000$ | $\$ 4,668,989$ | $\$ 116,625,989$ |


| Overall Anticipated Funding Summary * |  |  |  |  |
| :---: | ---: | ---: | ---: | :---: |
| FFY | Federal | State | Local | Total |
| 2014 | $\$ 29,544,628$ | $\$ 190,386,845$ | $\$ 32,430,184$ | $\$ 252,361,657$ |
| 2015 | $\$ 20,684,114$ | $\$ 118,772,000$ | $\$ 42,494,117$ | $\$ 181,950,231$ |
| 2016 | $\$ 149,666,756$ | $(\$ 107,528,589)$ | $\$ 19,028,128$ | $\$ 61,166,295$ |
| 2017 | $\$ 13,256,349$ | $\$ 0$ | $\$ 10,403,559$ | $\$ 23,659,908$ |
| Total | $\$ 213,151,847$ | $\$ 201,630,256$ | $\$ 104,355,988$ | $\$ 519,138,091$ |

- Non-Competitive funds other than FTA-Section 5316 and FTA-Section 5317 are assumed by WAMPO to be fiscally constrained and administered by other agencies such as KDOT and FTA.
- Transit funds in the WAMPO region are typically programmed within the TIP for only the first FFY.


Davonna Moore
Metro Planning Manager
KDOT Transportation Planning
700 SW Harrison St.
Topeka, KS 66603

## Re: FHMPO 2014-2017 TIP Amendment \#1

Dear Ms. Moore:

The Flint Hills Metropolitan Planning Organization (FHMPO) Policy Board approved the 2014-2017 Transportation Improvement Program (TIP) Amendment \#1 on December 18, 2013. The FHMPO is requesting KDOT's approval and its inclusion by reference into the Statewide Transportation Improvement Program.

A public comment period was held for the 2014-2017 TIP from November $21^{\text {st }}$ to December $5^{\text {th }}$. No 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.

Sincerely,

## Btephanie Wotts

Stephanie Watts
Transportation Planner

Enclosures: 2014-2017 Transportation Improvement Program Amendment \#1

## Transportation Improvement Program

## FFY 2014-2017



## Amended December 18, 2013

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 (FHMPO). The TIP contains all federally funded and/or regionally significant multimodal surface transportation projects that are to be implemented in the FHMPO area during the next four years.

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

The TIP must also maintain fiscal constraint; meaning, only projects for which funding has been identified can be included in the TIP. Fiscal constraint is discussed more under the Fiscal Analysis section.

Appendix $A$ contains a list of all programmed projects from Federal Fiscal Year (FFY) 2014-2017 within the FHMPO planning boundary.

## Federal Fiscal Year (FFY):

The FFY is from October 1 through September 30

## What is the FHMPO?

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

## TAC Membership:

- All four cities
- All three counties
- Fort Riley
- Kansas State University
- Flint Hills Regional Council
- KDOT
- Flint Hills aTa
- Manhattan Bicycle Advisory Committee - FHWA and FTA

The FHMPO 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 FHMPO Policy Board. The Policy Board is the decision-making body comprised mainly of local elected officials and KDOT.

A map of the FHMPO planning area is shown in Figure 1 on the following page.


## TIP Procedures

## Process for Including Projects in the TIP?

Prior to a project being included in the TIP, it must be posted for public comment, reviewed by the Technical Advisory Committee (TAC), and ultimately approved by the FHMPO Policy Board. After the Policy Board approves the TIP, it is then sent to the Kansas Department of Transportation (KDOT) to be approved by the Secretary and included by reference into the Statewide Transportation Improvement Program (STIP). KDOT then sends the STIP to the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) for their approval. After FHWA and FTA approval of the STIP, the TIP is approved. Figure 2 outlines the TIP approval process.

## Statewide Transportation Improvement Program (STIP)):

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

Figure 2: TIP Approval Diagram


## TIP Amendments

The TIP is generally amended once every quarter, if needed. The process for amending the TIP is similar to the process used when developing a new TIP as described on the previous page. Prior to each quarterly amendment, a notice will be sent out to all project sponsors notifying them of the 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 the TIP is amended, a summary of changes will be provided to highlight the modifications to the document. 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 nor FHWA and FTA. Revisions that meet any of the following criteria are considered Administrative Modifications:
o Revise a project description without changing the project scope;
o 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;
o Decrease project cost;
o Change in source of federal funds;
o Conversion of state funds to federal funds for projects programmed previously as Advanced Construction;
o Change program year of project within the four-year TIP; or
o 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. KDOT provides approximately $\$ 458,000$ in STP funds to the City of Manhattan annually. The three counties within the MPO receive a combined $\$ 373,000$ in STP funds each year. Between the City of Manhattan and the counties, the FHMPO region is allocated approximately $\$ 831,000$ a year in STP funds. 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 boundary and they may elect to use STP to fund projects outside of the FHMPO area.

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, 5311, and 5316 funds. These funds are used for capital and operational expenses.

## State and Local Funds

State and local funding for projects is used to provide local match for federal funds and to fund local projects.

## 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 $A C^{\prime}$ d with non-federal funds. Once federal funds are available, the state can be reimbursed with federal funds. This is referred to as the conversion of the project or conversion year. Projects using AC must be identified 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 2015 through FFY 2017 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.)

## Demonstration of Fiscal Constraint

Federal law requires that the first four years of the TIP be financially constrained, as discussed above. Table 1, below, provides realistic costs and funding estimates for the projects in the TIP. Given the uncertainty in the level of federal funding, the FHMPO has assumed that the STP allocation of $\$ 831,000$ received by the City and counties in 2014 will remain constant through 2017.

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, will be asked to document fiscal constraint when submitting a new project for inclusion in the TIP or increasing the cost of an existing project.

| Funding Summary Table |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Funding Source of Programmed Projects (in thousands) |  |  |  |  |  |  |
| Fun | ing Source | FFY 2014 | FFY 2015 | FFY 2016 | FFY 2017 | Total |
|  | FTA 5307 | \$ | \$ | \$ | \$ - | \$ |
|  | FTA 5311 | \$ 705.4 | \$ | \$ - | \$ | \$ 705.4 |
|  | FTA 5316 | \$ 154.3 | \$ - | \$ | \$ | \$ 154.3 |
|  | NHPP | \$ 160.0 | \$ 5,375.4 | \$ 240.0 | \$ 4,559.0 | \$10,334.4 |
|  | STP | \$ - | \$ 360.0 | \$ 480.0 | \$ | \$ 840.0 |
|  | HSIP | \$ 360.0 | \$ | \$ | \$ | \$ 360.0 |
|  | SRTS | \$ 15.0 | \$ | \$ | \$ | \$ 15.0 |
|  | CDBG | \$ 380.0 | \$ | \$ | \$ | \$ 380.0 |
|  | TOTAL | \$ 1,774.7 | \$ 5,735.4 | \$ 720.0 | \$ 4,559.0 | \$12,789.1 |
| State |  | \$ 11,096.7 | \$ 9,099.9 | \$16,781.0 | \$ 14,308.2 | \$51,285.8 |
| Local |  | \$ 8,805.0 | \$ 92.0 | \$ 1,110.0 | \$ 448.0 | \$10,455.0 |
|  | Total | \$ 21,676.4 | \$ 14,927.3 | \$18,611.0 | \$ 19,315.2 | \$74,529.9 |
| NHPP-National Highway Performance Program STP-Surface Transportation Program HSIP-Highway Safety Improvement Program SRTS-Safe Routes to School CDBG-Community Development Block Grant |  |  |  |  |  |  |
| Anticipated Funding (in thousands) |  |  |  |  |  |  |
| Funding Source |  | FFY 2014 | FFY 2015 | FFY 2016 | FFY 2017 | Total |
| Federal |  | \$ 3,139.5 | \$ 7,115.2 | \$ 1,979.8 | \$ 6,298.8 | \$18,533.2 |
| State |  | \$ 11,096.7 | \$ 9,099.9 | \$16,781.0 | \$ 14,308.2 | \$51,285.8 |
| Local |  | \$ 8,805.0 | \$ 2,800.0 | \$ 1,110.0 | \$ 416.0 | \$13,131.0 |
|  | Total | \$ 23,041.2 | \$ 19,015.1 | \$19,870.8 | \$ 21,023.0 | \$82,950.1 |

## 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:
o Increase roadway capacity or decrease traffic congestion
o Significantly improve safety
o Replace aging infrastructure and bring it up to current standards
o Result in significant delay and/or detour

## Transit Facilities sand Services Projects

The major transit projects implemented from the previous TIP will include projects that have a total project cost of at least $\$ 1.0$ million and meet at least one of the following criteria:
o Acquisition of three or more new transit vehicles
o Addition of new operations and/or maintenance buildings or expansion of existing buildings
Initiation of new transit service of expansion of existing transit services into territory not previously served by transit

## Bikeway and Pedestrian Projects

The major bikeway and pedestrian projects implemented from the previous TIP will include projects that meet at least one of the following:
o Total project cost of at least $\$ 500,000$
o Construction of new bikeway or pedestrian facility (or extension of existing facility) into a location where a bicycle/pedestrian facility did not exist before

## Significant Delay

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

## Progress on Projects from Previous TIP

The 2014-2017 TIP is the FHMPO's first TIP after being designated as an MPO in February of 2013. There are no projects to report on at this time.

## 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, disproportionally 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 annual TIP process and the projects included within the TIP address these core principles.

## 2014-2017 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 was collected by 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 thrachnold

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 were 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 2014-2017 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. 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 $40.6 \%$. These tracts are identified in Figure 3.

Figure 3: Environmental Justice Census Tracts


## Manhattan EJ Analysis

The Manhattan/Riley County/Pottawatomie County areas projects are shown in Figure 4, below. There are several projects located around the perimeter of the identified EJ tracts. Several of those projects include intersection improvements to increase safety for both pedestrians and vehicles. There appears to be no disproportionate benefits or impacts between the projects located within EJ and non-EJ tracts. For a larger map of the road and bridge projects, see Figure 6; and for the bicycle and pedestrian projects, see Figure 8.

Figure 4: Manhattan Area Projects with EJ Tract Overlay


## Junction City EJ Analysis

There are five projects in the Junction City/Geary County area programmed in the 2014-2017 TIP. Four projects are located along the US-77 corridor, which runs north-south on the
western edge of Junction City. As depicted in Figure 5: Junction City Area Projects with EJ Tract Overlay, this corridor serves as the western boundary of one of the three identified EJ tracts. After reviewing the scope for the four US-77 projects, there does not appear to be any disproportionate impacts between the EJ and non-EJ areas. The other project located on the southern boundary of an identified EJ tract is an intersection improvement project to add a traffic signal, sidewalks and Americans with Disabilities Act (ADA) compliant ramps. This project is anticipated to increase the safety of this intersection for both vehicles and pedestrians.

Figure 5: Junction City Area Projects with EJ Tract Overlay


## EJ Analysis Summary

There were 22 road, bridge, and bicycle/pedestrian projects in the 2014-2017 TIP worth over $\$ 78$ million (in project year dollars). Of those, nine projects are located within or along the boundary of the identified EJ tracts, totaling just under $\$ 50.5$ million (in project year dollars). These nine projects mainly consist of safety improvements along corridors or at intersections, roadway resurfacing or increasing capacity of a roadway. After analyzing all of the projects in the TIP, it was concluded that there appears to be no disproportionate impact when comparing the projects located within EJ tracts versus non-EJ tracts. A more in-depth EJ analysis will occur once the FHMPO had adopted their Metropolitan Transportation Plan.

## Appendix A: TIP Project Listing Information

The projects listed in the TIP are broken down into three categories: Road and Bridge, Bicycle and Pedestrian, and Transit and Paratranist. Below is a sample project from the TIP to aid in explaining each field of the form.


## Summary of Changes

## 2017-2017 TIP Amendment \#1

## Project Additions:

- 1-21-2014 GI: $6^{\text {th }} \&$ Franklin Signalization
- 1-22-2014 US-24 \& McCall Road Intersection Improvements
- 1-B4-2014 City of Manhattan SRTS Phase I
- 1-T7-2014 Purchase of 5311 Bus

Project Revisions:

- 1-01-2014 $17^{\text {th }} \&$ Anderson Intersection Improvements
o Project cost increased
- 1-02-2014 US-77: I-70 to US-77/K-57
o PE cost increased from $\$ 720,000$ to $\$ 750,000$
- 1-07-2014 Casement Bridge and Road Improvements
o Move construction from 2015 to 2014
- 1-18-2014 K-113 \& Kimball Intersection Improvements
o Change ROW phase to CONST


## Road and Bridge Projects









2014 TIP: Approved 8/21/13; A1 12/18/13


## Bicycle and Pedestrian Projects

TIP \#: 0-B1-2014 KDOT \#

Project Name: Kimball: Denison to N. Manhattan multiuse path
Class: Min Art Location: Kimball Ave: Denison Ave to N. Manhattan Ave

Length (mi): 0.68
Project Type: Bike/Ped

| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: | Multi-use path along North side of Kimball Ave from |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2013 | PE |  |  | 8.0 | 8.0 |  |  | Denison Ave to N. Manhattan Ave. |
| 2014 | CONST |  |  | 80.0 | 80.0 |  | Comments: |  |
|  |  |  |  | 88.0 | 88.0 |  |  |  |

TIP \#: 0-B2-2014 KDOT \#
Sponsor City of Manhatta

Project Name: Poyntz Ave \& 9th St. HAWK Signal
Class: Min Art Location: Poyntz \& 9th, mid-block

Length (mi): N/A
Project Type: Bike/Ped

| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: | Convert pedestrian traffic signal to a HAWK system |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2017 | CONST |  |  | 26.0 | 26.0 |  |  | midblock |
|  |  |  |  |  | 26.0 |  | Comments: |  |

TIP \#: 0-B3-2014 KDOT \#: Project Name: Anderson Ave \& 14th St. HAWK Signal Length (mi): N/A
Sponsor City of Manhattan Class: Min Art Location: Anderson \& 14th, mid-block Project Type: Bike/Ped

| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: Convert pedestrian traffic signal to a HAWK system midblock |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2017 | CONST |  |  | 26.0 | 26.0 |  |  |  |
|  |  |  |  | 26.0 | 26.0 |  | Comments: |  |

TIP \#: 1-B4-2014 KDOT \#: Project Name: Safe Routes to School Phase I Length (mi): N/A
Sponsor City of Manhattan Class: $\mathrm{n} / \mathrm{a}$ Location: Citywide Project Type: Bike/Ped

| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: City wide SRTS Plan (Phase 1) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2014 | PE | 15.0 |  |  | 15.0 | SRTS |  |
|  |  |  |  | - | 15.0 | Comments: |  |



2014 TIP: Approved 8/21/13: A1 12/18/13

## Transit and Paratransit Projects



| TIP \#: 0 | -2014 | KDOT\#: | Project Name: Pawnee Mental Health Operating Assistance |  |  |  |  | Length (mi): N/A |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sponsor Pawnee Mental Health |  |  | Class: N/A |  | Location: | Riley, Geary and | ottawatomie Counties |  |
| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: Operating Assistance |  |
| 2014 | OPR |  | 6.0 |  | 6.0 |  |  |  |
|  |  |  | 6.0 |  | 6.0 |  | Comments: | $\begin{aligned} & \text { CTD } \\ & \text { s) } \end{aligned}$ |
| TIP \#: 0-T6-2014 <br> KDOT \#: Sponsor Big Lakes Develop. Cntr. |  |  | Project Name: Big Lakes Developmental Center, Inc. JARC Funding |  |  |  |  | Length (mi): N/A |
|  |  |  | Class: N/A |  | Location: Riley, Geary and Pottawatomie Counties |  |  | Pro |
| FFY | Phase | Fed | State | Local | Total | $\frac{\text { Fed Source }}{5316}$ | Description: Job Access \& Reverse Commute (JARC) operation expenses |  |
| 2014 | OPR | 99.0 |  | 99.0 | 198.0 | $5316$ | for multiple | rout |
|  |  | 99.0 |  | 99.0 | 198.0 |  | Comments: |  |
| TIP \#: 1-T7-2014 <br> KDOT \#: <br> Sponsor Flint Hills aTa |  |  | Project Name: Flint Hil |  |  | Is aTa 5311 bus purchase |  |  |
|  |  |  | Class: N/A |  | Location: City of Manhattan |  |  |  |
| FFY | Phase | Fed | State | Local | Total | Fed Source AC | Description: 20 -passenge |  |
| 2014 | CAP | 44.3 |  | 11.1 | 55.4 | 5311 |  |  |
|  |  | 44.3 |  | 11.1 | 55.4 | - | Comments: |  |

## Appendix B: Self-Certification

## MPO SELF-CERTIFICATION

Concurrent with the submittal of the proposed TIP to the FHWA and the FTA, the Flint Hills Metropolitan Planning Organization (FHMPO) certifies that the metropolitan transportation planning process is being 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 llol(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 Rehabollitation of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.


Dave Lewis, Policy Board Chairperson



## Appendix C: List of Acronyms

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

TIP - Transportation Improvement Program
UTIL--Utilities
YOE-Year of Expenditure


[^0]:    * Projects in FFY 2015, 2016, and 2017 have Year of Expenditure (YOE) factored into this summary. Project costs for these years may not match values entered into the application form for this reason.

