



**U.S. Department of Transportation**

**Federal Transit Administration**  
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**Federal Highway Administration**  
3220 W. Edgewood, Suite H  
Jefferson City, MO 65109  
573-636-7104  
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March 21, 2016

Mr. Patrick McKenna, Director  
Missouri Department of Transportation  
P.O. Box 270  
Jefferson City, Missouri 65102

Re: FHWA/FTA Approval of Amendment to  
Missouri FY 2016-2020 State Transportation  
Improvement Program (STIP) for the St. Louis  
Metropolitan Area Amendment #4 of the FY 2016-  
2019 Transportation Improvement Program (TIP) and  
Connected 2045 Long Range Transportation Plan

Dear Mr. McKenna:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have reviewed Missouri Department of Transportation's (MoDOT) request to incorporate the East West Gateway Council of Government's (EWGCOG) modification of their Fiscal Year (FY) 2016-2019 Transportation Improvement Program (TIP), as further described in your letter of March 17, 2016, as an amendment to the FY 2016-2020 Missouri Statewide Transportation Improvement Program (STIP). The TIP modification to be amended into the STIP includes the addition of five MoDOT scoping and design highway projects and the modification of one currently programmed MoDOT highway project and five currently programmed Metro transit projects. These projects are exempt with regard to air quality.

The EWGCOG's Board of Directors approved this TIP amendment on March 2, 2016. The Missouri Governor approved the subject TIP amendment on March 16, 2016.

In accordance with 23 CFR 450.218(b), and 450.328(a) and (b), we have determined that this STIP amendment is based on a 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 Subparts A, B, and C. Based on our review, this STIP amendment request is approved.

If you have any questions or need additional information, please contact Brad McMahon, FHWA, at (573) 638-2609 or Jeremiah Shuler at FTA (816) 329-3940.

Sincerely,

Mokhtee Ahmad  
Regional Administrator  
Federal Transit Administration

For: Kevin W. Ward, P.E.  
Division Administrator  
Federal Highway Administration

cc: Betsy Tracy, FHWA Illinois Division  
Machelle Watkins, MoDOT  
Mike Henderson, MoDOT  
Sharon Monroe, MoDOT  
Curtis Jones, IDOT District 8  
Dick Smith, IDOT Central Office  
Jim Wild, EWGCOG  
Tracy Beidleman, METRO  
St. Clair County Transit

**Missouri Department of Transportation**

*Patrick K. McKenna, Director*

573.751.2551  
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1.888.ASK MODOT (275.6636)

March 3, 2016

The Honorable Jeremiah W. (Jay) Nixon  
Governor of Missouri  
State Capitol  
Jefferson City, MO 65101

Dear Governor Nixon:

At its March 2, 2016 meeting, the East-West Gateway Council of Governments' Board of Directors approved an amendment to the FY 2016-2019 Transportation Improvement Plan (TIP) for the St. Louis, Missouri, metropolitan area. The TIP amendment covers the modification of one MoDOT project and five Metro projects. It also covers the addition of five MoDOT scoping projects. MoDOT is satisfied the federal requirements have been met in the development of this TIP amendment, including the opportunity for the public to comment on projects. No comments were received.

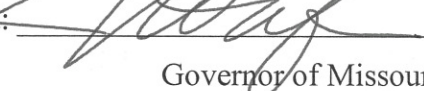
Enclosed is a copy of the TIP amendment for your review. We request approval of this action at your earliest convenience, so project authorization can proceed in the St. Louis metropolitan area.

Sincerely,

*for Michelle Watkins*

Patrick K. McKenna  
Director

mh  
Enclosure

Approved:   
Governor of Missouri

Date: March 16, 2016



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March 2, 2016

Mr. Patrick K. McKenna

Director

Attn: Mike Henderson

Missouri Department of Transportation

P.O. Box 270

Jefferson City, MO 65102-0270

RE: FY 2016-2019 Transportation Improvement Program Modifications

Dear Mr. McKenna:

At its March 2, 2016 meeting, the East-West Gateway Council of Governments' Board of Directors modified the Council's FY 2016-2019 Transportation Improvement Program (TIP). The Board approved the modification of six projects, the addition of five scoping projects.

The enclosed memo and project summary detail the approved modifications. With this Board action, fiscal constraint is maintained. No public comments were received. These projects are exempt with regard to air quality (40 CFR 93.126) and regionally significant. The regionally significant project is included in the current Air Quality Conformity Determination. At your request, minutes confirming the action will be forwarded to your offices.

We request that the State Transportation Improvement Program be adjusted to reflect this change so that this project can move toward implementation. If you have any questions concerning the modification, please contact us.

Sincerely,

Larry Grither

Division Manager

Enclosures

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# EAST-WEST GATEWAY Council of Governments

Creating Solutions Across Jurisdictional Boundaries

**To:** Board of Directors

**From:** Staff

**Subject:** Modification of the FY 2016-2019 Transportation Improvement Program (TIP), the Metropolitan Transportation Plan, *Connected2045*, and the Related Air Quality Conformity Determination - Requested by the Missouri Department of Transportation and Metro

**Date:** February 9, 2016

The Missouri Department of Transportation (MoDOT) and Metro are requesting to revise the FY 2016-2019 TIP, *Connected2045*, and related Air Quality Conformity Determination to modify six projects and add five scoping projects.

## Modified Projects

MoDOT and Metro are requesting to modify six projects currently programmed in the TIP. These projects are summarized below:

Modified Project				
TIP#/ Sponsor/ County/ Sponsor#	Route - Limits	Description	Current Cost/ Revised Cost	Reason for Change
6434-14/ MoDOT/ St. Charles/ 6P3071	US 61 – MO A to Peine	Median crossovers and interchange at MO P/Peine	\$12,514,000 \$14,245,000	Project delayed from FY 2016 to FY 2017 – ongoing design coordination with local agencies – cost increase due to road work being more extensive
5933-14/ Metro/ Multi-County/ WO1420,f	N/A	Administrative facility improvements	\$5,495,259/ \$821,576	Solution for Bi-State (Metro) administrative facility needs releases \$4,763,683 to projects detailed on the next page.

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<b>Modified Project</b>				
<b>TIP#/Sponsor/County/Sponsor#</b>	<b>Route - Limits</b>	<b>Description</b>	<b>Current Cost/Revised Cost</b>	<b>Reason for Change</b>
5837A-15 & 5837-13/ Metro/ St. Louis City/ TF1520 & TF1300,Z	Downtown transfer center at 14 <sup>th</sup> and Spruce	Downtown transfer center expansion	\$5,839,573/ \$7,839,573	\$2,000,000 shifted from Administrative Facilities Project (TIP# 5933-14) due to design changes to comply with Americans with Disabilities Act. Note there are two TIP numbers for same project.
5937-14/ Metro/ Multistate/ DS1400; DS1410; DS1420	Information Systems Improvements	Hardware and software upgrades and improvements	\$13,769,196/ \$15,069,196	\$1,300,000 shifted from Administrative Facilities Project (TIP# 5933-14)
5596A-15/ Metro/ St. Louis City/ ML 1300; ML 1650; ML 1700	Tunnels and Bridges Rehab	Union Station Tunnel	\$11,771,724/ \$12,895,407	\$1,123,683 shifted from Administrative Facilities Project (TIP# 5933-14)
5926-14/ Metro/ Multistate/ EH1520z; EH1600,l,z	Signs and shelters	Signs and shelters enhancements	\$2,793,436/ \$3,043,436	\$250,000 shifted from Administrative Facilities Project (TIP# 5933-14)

### **Scoping Projects**

#### **New Scoping Projects**

MoDOT is requesting to add five scoping projects. MoDOT's project scoping policy is intended to ensure that projects have defined scopes and construction cost estimates before they are committed to the TIP. At this time, there is no construction funding committed to these projects. The cost ranges for construction shown below are



estimates only. State revenues were higher than anticipated last year and MoDOT is requesting to begin scoping work for these projects.

The new scoping projects are summarized below:

<b>New Scoping Projects</b>				
<b>TIP#/ Sponsor/ Sponsor # County</b>	<b>Route/Limits</b>	<b>Description of Work</b>	<b>Fed/Total Cost for Design</b>	<b>Est. Cost Range for Construction</b>
6651X-16/ MoDOT/ 6S3152/ St. Charles	MO N at Perry Cate Blvd	Intersection improvements	\$20,700/ \$23,000	\$100,000 to \$500,000
5309-11/ MoDOT/ 6I2339 St. Louis	I-170 north of Clayton Rd	Acquire easement for St. Louis Co. water	\$16,000/ \$20,000	\$50,000 to \$100,000
6651Y-16/ MoDOT/ 6I3156 St. Louis	I-70 at MO U (Lucas & Hunt)	Removal of loop ramps and construction of diamond interchange	\$144,000/ \$160,000	\$1 million to \$2 million
6651Z-16/ MoDOT/ 6I3157 St. Louis	I-270 – MO 364 to I- 44	Pavement improvements	\$695,200/ \$869,000	\$15 million to \$20 million
6651AA- 16/ MoDOT/ 6P3158/ Franklin	MO 100 – west of MO OO to MO 109	Pavement improvements	\$89,600/ \$112,000	\$1 million to \$2 million

**Staff Recommendation:** Staff recommends that the FY 2016-2019 TIP, *Connected2045*, and related Air Quality Conformity Determination be revised to modify six projects and add five scoping projects, as summarized above and detailed in the attachment. These projects are exempt with respect to air quality in accordance with federal regulations (40 CFR 93.126).

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - PROJECT LISTING - MO

COUNTY: MULTI-COUNTY-M

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
5933-14	METRO - WO1420,f ADMINISTRATIVE FACILITY IMPROVEMENTS	S5307	Transit Capital Imps.	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$821,576	\$821,576	\$0	\$0	\$0
	LENGTH (mi): 0		Federal:	\$657,261	TOTAL	\$821,576	\$821,576	\$0	\$0
	AIR QUALITY STAT: Exempt - 93.126		State:	\$0					
	PROJ PURPOSE: Preservation		Local:	\$164,315	ESTIMATED TOTAL PROJECT COST:	\$821,576			



FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - PROJECT LISTING - MO

COUNTY: MULTI-STATE

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
5937-14	METRO - DS1400;DS1410;DS1420 INFORMATION SYSTEMS IMPROVEMENTS HARDWARE AND SOFTWARE UPGRADES AND IMPROVEMENTS	S5307	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$15,069,196	\$0 \$0 \$14,019,196	\$0 \$0 \$1,050,000	\$0 \$0 \$0	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE:		Federal: \$12,055,357 State: \$228,596 Local: \$2,785,243	TOTAL	\$15,069,196	\$14,019,196	\$1,050,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$15,069,196					
5926-14	METRO - EH1520,z;EH1600-I,z, SIGNS AND SHELTERS SIGNS, SHELTERS & ENHANCEMENTS	S5307	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$3,043,436	\$0 \$0 \$2,126,179	\$0 \$0 \$456,347	\$0 \$0 \$460,910	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation		Federal: \$2,434,748 State: \$264,425 Local: \$344,263	TOTAL	\$3,043,436	\$2,126,179	\$456,347	\$460,910	\$0
				ESTIMATED TOTAL PROJECT COST: \$3,043,436					

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - PROJECT LISTING - MO

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
6434-14	MODOT - 6P3071	STP	New Interchange	PE	\$848,000	\$106,000	\$742,000	\$0	\$0
	US 61		Roadway Improvements	ROW	\$788,000	\$788,000	\$0	\$0	\$0
	MO A TO PEINE RD - COSTSHARE W ST CHARLES CO			IMPL	\$11,420,000	\$0	\$11,420,000	\$0	\$0
	MEDIAN CROSSOVERS AND INTERCHANGE AT MO P/PEINE								
	LENGTH (mi): 2.5		Federal:		\$7,572,000				
	AIR QUALITY STAT: Regionally Significant		State:		\$373,000				
	PROJ PURPOSE: Safety		Local:		\$5,111,000				
				TOTAL	\$13,056,000	\$894,000	\$12,162,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$14,015,000					

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - PROJECT LISTING - MO

COUNTY: ST. LOUIS CITY

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
5837A-15	METRO - TF1520 DOWNTOWN TRANSIT CENTER	S5307	Transit Capital Imps.	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$3,400,000	\$3,400,000	\$0	\$0	\$0
	LENGTH (mi): 0		Federal: \$2,720,000	TOTAL	\$3,400,000	\$3,400,000	\$0	\$0	\$0
	AIR QUALITY STAT: Not Regionally Significant - 0		State: \$0	ESTIMATED TOTAL PROJECT COST: \$3,400,000					
	PROJ PURPOSE: Congestion		Local: \$680,000						
5837-13	METRO - TF1300,Z DOWNTOWN TRANSIT CENTER 14TH AND SPRUCE STREETS, ST. LOUIS, MO	CMAQ	Transit Capital Imps.	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$4,439,573	\$4,439,573	\$0	\$0	\$0
	LENGTH (mi): 0		Federal: \$3,551,658	TOTAL	\$4,439,573	\$4,439,573	\$0	\$0	\$0
	AIR QUALITY STAT: Not Regionally Significant - 0		State: \$0	ESTIMATED TOTAL PROJECT COST: \$4,439,573					
	PROJ PURPOSE: Congestion		Local: \$887,915						
5596A-15	METRO - ML1300;ML1650;ML1700 TUNNELS AND BRIDGES REHAB UNION STATION TUNNEL	S5307	Transit Capital Imps.	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$12,895,407	\$6,964,076	\$5,931,331	\$0	\$0
	LENGTH (mi): 0.2		Federal: \$10,316,326	TOTAL	\$12,895,407	\$6,964,076	\$5,931,331	\$0	\$0
	AIR QUALITY STAT: Exempt - 93.126		State: \$0	ESTIMATED TOTAL PROJECT COST: \$12,895,407					
	PROJ PURPOSE: Preservation		Local: \$2,579,081						

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - SCOPING PROJECTS - MO

COUNTY: MULTI-COUNTY-M

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
6651AA-16	MODOT - 6P3158	NHPP	Resurfacing	PE	\$112,000	\$112,000	\$0	\$0	\$0
	MO 100			ROW	\$0	\$0	\$0	\$0	\$0
	WEST OF MO 00 TO MO 109			IMPL	\$0	\$0	\$0	\$0	\$0
	PAVEMENT IMPROVEMENTS								
	LENGTH (mi): 7.7		Federal:	\$89,600	TOTAL	\$112,000	\$112,000	\$0	\$0
	AIR QUALITY STAT: Exempt - 93.126		State:	\$22,400					
	PROJ PURPOSE: Preservation		Local:	\$0	ESTIMATED TOTAL PROJECT COST:	\$112,000			

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - SCOPING PROJECTS - MO

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
6651X-16	MODOT - 6S3152	HSIP	Intersection Improvement	PE	\$23,000	\$23,000	\$0	\$0	\$0
	MO N			ROW	\$0	\$0	\$0	\$0	\$0
	AT PERRY CATE BLVD			IMPL	\$0	\$0	\$0	\$0	\$0
	INTERSECTION IMPROVEMENTS								
	LENGTH (mi): 0.1		Federal:	\$20,700	TOTAL	\$23,000	\$23,000	\$0	\$0
	AIR QUALITY STAT: Exempt - 93.126		State:	\$2,300					
	PROJ PURPOSE: Safety		Local:	\$0	ESTIMATED TOTAL PROJECT COST:	\$23,000			

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 FEBRUARY 2016 - SCOPING PROJECTS - MO

COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
5309-11	MODOT - 6I2339 I-170 NORTH OF CLAYTON RD ACQUIRE EASEMENT FOR ST. LOUIS CO. WATER LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP	Land Acquisition	PE ROW IMPL  Federal: \$16,000 State: \$4,000 Local: \$0	\$20,000 \$0 \$0  TOTAL \$20,000	\$20,000 \$0 \$0  \$20,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$65,000				
6651Z-16	MODOT - 6I3157 I-270 MO 364 TO I-44 PAVEMENT IMPROVEMENTS LENGTH (mi): 10.7 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	NHPP	Resurfacing	PE ROW IMPL  Federal: \$695,200 State: \$173,800 Local: \$0	\$869,000 \$0 \$0  TOTAL \$869,000	\$869,000 \$0 \$0  \$869,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$869,000				
6651Y-16	MODOT - 6I3156 I-70 AT MO U (LUCAS & HUNT) REMOVE LOOP RAMP & CONSTRUCT DIAMOND INTERCHANGE LENGTH (mi): 0.25 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	HSIP	Interchange Revision	PE ROW IMPL  Federal: \$144,000 State: \$16,000 Local: \$0	\$160,000 \$0 \$0  TOTAL \$160,000	\$160,000 \$0 \$0  \$160,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$160,000				