



# EAST-WEST GATEWAY Council of Governments

Creating Solutions Across Jurisdictional Boundaries

## MEMORANDUM

**TO: Transportation Planning Committee - Missouri Members**  
**FROM: East-West Gateway Staff**  
**DATE: April 2, 2015**  
**SUBJECT: Tuesday, April 7, 2015 meeting**

The next meeting of the Missouri subcommittee of the Transportation Planning Committee (TPC) is scheduled for **Tuesday, April 7, 2015 at 10:00 a.m. at East-West Gateway Council of Governments offices.** (Reminder parking is available at Stadium-East Garage)

If you have any questions or concerns regarding the enclosed materials or the upcoming meeting please contact EWGCOG. The agenda for the meeting is as follows:

## AGENDA

1. Call to order
2. Connected 2045 – Peter Koeppel
3. FY 2016-2019 TIP Development – Jason Lange – Action Item
  - Surface Transportation Program and Congestion Mitigation and Air Quality Improvement Program Project Recommendations
4. Reasonable Progress – Sonya Pointer
5. Other Business
  - Next Meeting Scheduled for Wednesday, May 6, 2015, 2 PM

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 Lewis Reed  
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 Thomas P. Schneider  
 St. Louis County Municipal League  
 John White  
 St. Charles County  
 Regional Citizens  
 Richard Kellett  
 John A. Laker  
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 James A. Pulley  
 Dave Stoecklin  
 Non-voting Members  
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 Executive Director  
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## **Missouri Transportation Planning Committee Meeting Notes – April 2015**

The Missouri Transportation Planning Committee (TPC) Meeting was held in the Council offices on Tuesday, April 7, 2015 at 2:00 p.m.

### Members in Attendance

Ted Medler, St. Louis County

Rich Bradley, President, Board of Public Service, City of St. Louis

Wesley Stephen, MoDOT

Tracy Beidleman, BSDA/Metro

Craig Tajkowski, St. Charles County

Steve Ables, St. Louis County Municipal League

John Greifzu, Director of Transportation, St. Charles County

Mike Henderson, MoDOT

Marielle Brown, BPAC representative, Trailnet

Ron Williams, Franklin County

### Members Absent

Jason Jonas, Jefferson County

Jessica Medford-Miller, Metro

Hart Nelson, St. Louis RCGA

### Others in Attendance

John Kohler, City of St. Louis

EWGCOG Staff:

Larry Grither, Peter Koeppel, Sonya Pointer, Rachael Pawlak, Ed Hillhouse

### CALL TO ORDER

The meeting was called to order by Ted Medler, Chair.

### ITEMS

**Connected 2045 (Long-Range Transportation Plan) Development** – Peter Koeppel presented an overview of the draft Connected 2045 which is the Long-Range Transportation Plan for the St. Louis Region. He stated the draft plan will go out for public comment soon and include both traditional and virtual open houses. The final plan will go to the Board of Directors in June for approval.

**FY 2016-2019 TIP Development (action item)** – Jason Lange presented an overview of the call for applications for the Surface Transportation Program- Suballocated (STP-S) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program. The call for applications period began in December and applications were due February 19, 2015. Staff began the evaluation of these projects following the deadline.

There were 85 project applications received for the STP-S program requesting approximately \$115.6 million in federal funds. Based on revenue projections, there is approximately \$50 million in federal funds that would be available for programming. Staff recommended that 48 STP-S projects be recommended for funding totaling approximately \$50.2 million in federal funds as summarized in **Attachment A** of the memo.

There were 32 project applications received for the CMAQ program requesting approximately \$50 million in federal funds. Based on revenue projects, there is approximately \$30 million in federal funding available for programming. Staff recommended that 28 CMAQ projects be recommended for funding totaling

approximately \$31 million in federal funding as summarized in **Attachment B** of the memo.

Jason also discussed feedback that staff received on the projects via the public comment period. There was also discussion about the two funding programs and applications.

The TPC voted to approve the project recommendations for the STP-S program. A motion was made and seconded to approve the project recommendations. Motion carried, all voting aye.

The TPC voted to approve the project recommendations for the CMAQ program. A motion was made and seconded to approve the project recommendations. Motion carried, all voting aye.

**Reasonable Progress update** – Sonya Pointer gave an update on the monthly Reasonable Progress report. There were eight projects added to the report to reflect the BRM solicitation. There were six preliminary engineering (PE) projects added totaling \$707,160 in federal funds added to this month's report.

**Meeting Adjourned.**



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Edie Koch  
Illinois Department of Commerce  
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Metro  
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Missouri Office of Administration  
Dave Nichols  
Missouri Department of  
Transportation  
Executive Director  
Ed Hillhouse  
Assistant Executive Director  
James M. Wild

**To:** Missouri Transportation Planning Committee  
**From:** Council Staff  
**Date:** April 2, 2015  
**Subject:** FY 2016-2019 TIP – Missouri Local Program

## Project Solicitation

East-West Gateway Council of Governments (EWG) announced a call for project applications for federal funding through the Surface Transportation Program - Suballocated (STP) and Congestion Mitigation and Air Quality Improvement (CMAQ) Program on December 16, 2014. A Project Development Workshop took place on that same date. This workshop provided additional information on the project application process and requirements to complete an application. A Project Review Workshop on February 3, 2015 gave project sponsors an opportunity to present their project to a panel representing MoDOT, EWG, Metro, and Trailnet. The panel offered feedback to the project sponsor on their proposed application. The project solicitation process concluded on February 19, 2015 when project applications were due.

## Surface Transportation Program - Suballocated

## Submitted Projects

Local Public Agencies submitted 85 project applications, requesting approximately \$115.6 million in federal funds for consideration through the STP funding program. **Table A** shows the breakdown of submitted projects by county.

Table A FY 2016-2019 TIP – Missouri Local Program – STP Submitted Projects – By County			
County	# of Projects	Total \$	Federal \$
Franklin	6	\$3,674,166	\$2,653,336
Jefferson	10	\$12,067,231	\$9,196,012
Multi-County	1	\$1,000,000	\$800,000
St. Charles	19	\$39,909,095	\$27,637,055
St. Louis	48	\$95,208,063	\$69,921,914
St. Louis City	1	\$6,750,000	\$5,400,000
<b>Total</b>	<b>85</b>	<b>\$158,608,555</b>	<b>\$115,608,317</b>

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The project application identifies six priority areas (preservation, safety, congestion, access to opportunity, sustainable development, and goods movement). Projects are assigned to a primary priority area. Most of the projects submitted this year are preservation in nature. This includes projects like bridge replacement/rehabilitations and road reconstruction/ resurfacing. Projects in the safety category include guardrail, intersection improvements (traffic signal or crosswalk improvements), and road realignment. The congestion category includes projects that address congestion, such as new roads, or specific traffic flow improvements, such as a turn lane. Access to opportunity includes projects that improve accessibility. Finally, sustainable development includes enhancement-type projects. **Table B** shows the breakdown of submitted projects by priority area.

<b>Table B</b> <b>FY 2016-2019 TIP – Missouri Local Program</b> <b>Submitted Projects – By Project Type</b>			
<b>Priority Area</b>	<b># of Projects</b>	<b>Total \$</b>	<b>Federal \$</b>
Preservation	58	\$106,732,979	\$76,827,563
Safety	15	\$32,705,433	\$24,165,844
Congestion	3	\$8,160,897	\$6,132,798
Access to Opportunity	2	\$1,631,024	\$1,304,820
Sustainable Development	7	\$9,374,222	\$7,177,292
Goods Movement	0	\$0	\$0
<b>Total</b>	<b>85</b>	<b>\$158,604,555</b>	<b>\$115,608,317</b>

### **Available Funding**

Original revenue projections for the FY 2016-2019 TIP estimated that approximately \$50 million would be available for STP programming. The revenue projection was based on uncertainties related to Congress acting on an extension of Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21), which is currently slated to expire on May 31, 2015. It is anticipated that Congress will continue to approve short-term extension of MAP-21 in lieu of a new multi-year transportation funding law.

Since the earlier revenue projections were released we have been tracking STP-S spending and have determined that the earlier estimates were on target. This is in anticipation that funding will continue at levels dedicated to the program through extensions of the current transportation law, MAP-21, and is based on funding stability of the STP program.

### **Evaluation and Ranking of Projects**

Council staff evaluates projects in each of the six priority areas and consistent with the region's long-range transportation plan, *RTP 2040* (preservation, safety, congestion, access to opportunity, sustainable development, goods movement). Projects are assigned to a primary project priority area based on information provided by the project sponsor through the project application. The project's priority area score is determined by how well a project addresses each of the six priority areas. Sponsors can gain additional points based on utilization and type of the facility being improved. Once the final score for a project has been determined, the cost effectiveness of the project is calculated. Cost effectiveness is determined by dividing the annualized total construction cost of the project by the final score.

Finally, locally adopted criteria are applied. This includes at least one project per county. In addition, all projects must be consistent with clean air requirements, must show financial commitment, and must demonstrate a reasonable degree of political and community support.

Typically projects are ranked based on cost effectiveness and funded based on available funding. However, to meet the one project per county criterion, a project may score lower than other projects and still be recommended for funding.

Two project applications were not evaluated. One did not have a letter of support from the facility owner. The other application had two different types of road projects included in the same application. In the past EWG has allowed a sponsor to submit multiple roads in one application so long as the scope of work is similar (i.e. resurfacing only) and the functional classification of roads are the same. The current applications do not meet these criteria. These projects are detailed at the end of **Attachment A**.

**Attachment A** shows the project cost effectiveness rankings for the STP projects as well as East-West Gateway staff's recommendations for which projects should receive funding. **Table C** shows the breakdown of recommended projects by county.

<b>Table C</b> <b>FY 2016-2019 TIP – Missouri Local Program</b> <b>Recommended STP Projects</b>		
County	#	Federal \$
Franklin	6	\$2,653,336
Jefferson	7	\$2,374,507
Multi-County	1	\$800,000
St. Charles	8	\$8,613,742
St. Louis	25	\$30,349,727
St. Louis City	1	\$5,400,000
<b>TOTAL</b>	<b>48</b>	<b>\$50,191,312</b>

### **Congestion Mitigation and Air Quality Improvement (CMAQ) Program**

#### **Submitted Projects**

The CMAQ program is for transportation programs or projects that reduce emissions and contribute to the attainment or maintenance of the national ambient air quality standards of ozone, carbon monoxide, and particulate matter. Project sponsors submitted 32 CMAQ applications requesting approximately \$49.6 million in federal funds for consideration. **Table D** shows the breakdown of submitted projects by county.

<b>Table D</b> <b>FY 2016-2019 TIP – Missouri Local Program – CMAQ</b> <b>Submitted Projects – By County</b>			
County	# of Projects	Total \$	Federal \$
Franklin	0	\$0	\$0
Jefferson	3	\$3,025,758	\$2,170,156
St. Charles	12	\$30,329,231	\$13,206,729
St. Louis	8	\$24,286,286	\$16,252,428
St. Louis City	2	\$5,380,000	\$4,304,000
Multi-County-M	7	\$18,048,406	\$13,651,666
<b>Total</b>	<b>32</b>	<b>\$81,069,681</b>	<b>\$49,584,979</b>

#### **Available Funding**

When projects were originally solicited for the FY 2016-2019 Transportation Improvement Program it was estimated that approximately \$30 million in CMAQ funding was available to program in FY 2016 and 2017. Although MAP-21 extended the CMAQ program through the end of FY 2014, the future of CMAQ is still uncertain due to the lack of a long term funding bill. In the past, Congress has approved short-



term extensions for transportation funding in lieu of a multi-year law and this is expected to continue.

Since the earlier revenue projections were released we have been tracking CMAQ spending and have determined that \$31 million is available to program. This is in anticipation that funding will continue at levels dedicated to the program through extensions of the current transportation law, MAP-21.

### **Evaluation of Submitted Projects**

The principal criterion for determining project eligibility through the CMAQ program is that an improvement or a service must contribute to a reduction of mobile source emissions for which the area or region is in non-attainment (ozone precursors). Cost per ton of emissions reduced is used in the project selection process as the primary measure to establish priority. This measure is used as a means of comparing various types of projects in a common way, that being the cost per unit of benefit.

The St. Louis region is a non-attainment status for ozone and particulate matter (PM<sub>2.5</sub>). MAP-21 mandates that at least 25 percent of CMAQ funds be used for projects targeting PM<sub>2.5</sub> reductions. MAP-21 highlights diesel retrofits or engine replacement with a newer cleaner model as examples of meeting this goal. Replacement of transit vehicles with newer, less polluting models also meets this goal.

Once the projects are ranked relative to cost per ton of emissions reduced, the projects are evaluated consistent with the project/program priorities established in *RTP 2040*. The establishment of project priorities and the selection of projects for funding in the CMAQ program is a direct result of a project's cost effectiveness, the program/ project priority, and the availability of local, federal and other funding.

Two CMAQ applications were not evaluated. One application did not provide sufficient emission data documentation. The other project was requesting additional funding for an ongoing program, however, this program has a balance of unspent funding from previous years. These projects are detailed at the end of **Attachment B**.

**Attachment B** shows the project rankings of CMAQ projects based on cost per ton of emissions reduced, as well as East-West Gateway staff's recommendations for which projects should receive funding. **Table E** shows the breakdown of recommended projects by county.

<b>Table E</b> <b>FY 2016-2019 TIP – Missouri Local Program – CMAQ</b> <b>Recommended Projects – By County</b>			
<b>County</b>	<b># of Projects</b>	<b>Total \$</b>	<b>Federal \$</b>
Franklin	0	\$0	\$0
Jefferson	3	\$3,025,758	\$2,170,156
St. Charles	4	\$18,410,068	\$4,584,000
St. Louis	4	\$14,024,286	\$11,121,428
St. Louis City	2	\$5,380,000	\$4,304,000
Multi-County-M	7	\$11,096,416	\$8,877,132
<b>Total</b>	<b>20</b>	<b>\$51,936,528</b>	<b>\$31,056,716</b>

### Public Feedback

For this application round a new element was included in the form of public feedback on the submitted applications. The intent was to broaden the outreach of East-West Gateway's community engagement by providing a description and cost of the proposed projects by jurisdiction. Feedback was provided through a comment form on the EWG website. The feedback period extended from March 5, 2015 through March 31, 2015. EWG received 163 feedback forms. A detailed summary of feedback will be provided at the TPC meeting.

### Project Recommendations – CMAQ and STP

Staff recommends that the projects identified on **Attachment C** be included in the Draft FY 2016-2019 TIP. **Table F** shows all of the project recommendations by county. The Draft FY 2016-2019 TIP will be submitted for public comment at the end of May. Following the public comment period, the FY 2016-2019 will be submitted to the Board of Directors for final approval on July 29, 2015.

<b>Table F</b> <b>FY 2016-2019 TIP – Missouri Local Program Recommendations – By County</b>							
	<b>CMAQ</b>		<b>STP-S</b>		<b>All Programs</b>		
<b>County</b>	<b>#</b>	<b>\$ Federal</b>	<b>#</b>	<b>\$ Federal</b>	<b>#</b>	<b>\$ Federal</b>	<b>% of Regional Request</b>
Franklin	0	\$0	6	\$2,653,336	6	\$2,653,336	3.3%
Jefferson	3	\$2,170,156	7	\$2,374,507	10	\$4,544,663	5.6%
St. Charles	4	\$4,584,000	8	\$8,613,742	12	\$13,197,742	16.2%
St. Louis	4	\$11,121,428	25	\$30,349,727	29	\$41,471,155	51.0%
St. Louis City	2	\$4,304,000	1	\$5,400,000	3	\$9,704,000	11.9%
Multi-County-M	7	\$8,877,132	1	\$800,000	8	\$9,677,132	11.9%
<b>Total</b>	<b>20</b>	<b>\$31,056,716</b>	<b>48</b>	<b>\$50,191,312</b>	<b>68</b>	<b>\$81,248,028</b>	<b>100.0%</b>

Attachment A

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
<b>Recommended for funding - Surface Transportation Program - Suballocated</b>								
8059	Jefferson	Jefferson County	Antire Road -- At Williams Creek Rd - Intersection Improvments	Safety	\$319,200	\$399,000	\$346.99	\$319,200
8042	Franklin	Union	Christina Street Bridge -- Over Flat Creek - Replace Bridge - Realign Road	Preservation	\$626,385	\$882,432	\$348.03	\$945,585
8049	St. Charles	Wentzville	South Linn Avenue -- Main Street To West 4th Street - Reconstruction - Sidewalk Upgrade (4.5')	Preservation	\$442,950	\$812,950	\$377.00	\$1,388,535
8006	St. Louis	Clayton	Brentwood Boulevard -- Clayton Road To Forsyth Blvd - Resurfacing	Preservation	\$513,513	\$1,219,608	\$396.30	\$1,902,048
8081	St. Louis	St. Louis County	Lewis Road Bridge -- Over Union Pacific Railroad - Replace Bridge	Preservation	\$794,400	\$2,501,020	\$419.63	\$2,696,448
8054	St. Louis	Grantwood Village	Grant Road -- Gravois Road To Pardee Road - Resurfacing - Lighting	Preservation	\$409,600	\$512,000	\$425.68	\$3,106,048
8028	St. Charles	O'Fallon	Bryan Road -- Sunview Drive To Norwood Hills - Concrete Slab Replacement - ADA Improvements	Preservation	\$791,200	\$989,000	\$485.56	\$3,897,248
8046	Franklin	Washington	High Street -- MO 100 To Fifth Street - Resurfacing - Sidewalk (5') 9th To MO 100	Preservation	\$462,800	\$578,500	\$527.24	\$4,360,048
8017	Jefferson	Festus	MO A -- At Pounds Rd - Install Traffic Signal	Safety	\$260,190	\$371,700	\$560.15	\$4,620,238
8085	St. Louis	Sunset Hills	Lindbergh Pedestrian Improvements, Ph 1 -- E Watson Rd/Rott Rd To Eddie And Park Road/W Watson Rd - Sidewalk (6')	Sustainable Development	\$480,000	\$650,000	\$560.65	\$5,100,238
8084	St. Louis	Manchester	Spring Meadows Drive Bridge -- Over Grand Glaize Creek - Replace Bridge - Sidewalk	Preservation	\$664,000	\$830,000	\$572.48	\$5,764,238
8029	St. Charles	O'Fallon	Mexico Road -- MO K To Barrington Drive - Resurfacing - Sidewalk (5') On N Side	Preservation	\$1,033,600	\$1,292,000	\$572.72	\$6,797,838
8053	Franklin	Franklin County	Fiddle Creek Road Bridge -- Over Fiddle Creek - Replace Bridge (# 0800022)	Preservation	\$600,800	\$751,000	\$592.97	\$7,398,638
8002	St. Louis	Ballwin	Ramsey Lane Bridge -- Over Fishpot Creek - Replace Bridge	Preservation	\$699,680	\$874,600	\$603.25	\$8,098,318
8026	St. Louis	Maryland Heights	Creve Coeur Mill Road -- MO 141 To Prichard Farm Road - Overlay	Preservation	\$352,000	\$460,000	\$660.38	\$8,450,318
8010	Jefferson	Crystal City	Park Street And Virginia Avenue -- Park Street - Parkview Dr To 14Th St; Virginia Ave -- Park Dr To 11th St - Sidewalk (6') - Lighting	Sustainable Development	\$193,361	\$397,625	\$663.44	\$8,643,679
8061	Jefferson	Jefferson County	Romaine Creek Road -- Schneider Drive To West Rock Creek Road - Overlay	Preservation	\$319,788	\$399,735	\$672.36	\$8,963,467
8021	Jefferson	Herculaneum	Hill Street -- Wall Street To Joachim Avenue - Sidewalks (6') - Lighting	Sustainable Development	\$249,688	\$460,721	\$685.36	\$9,213,155
8080	St. Louis	St. Louis County	Allen Road Bridge -- Over Union Pacific Railroad - Replace Bridge	Preservation	\$794,400	\$2,487,060	\$692.88	\$10,007,555
8067	St. Louis	St. Louis County	West Adams Avenue/Ballas Road - 2019 -- Geyer Road To Dougherty Ferry Road. - Resurfacing	Preservation	\$1,062,720	\$1,333,400	\$715.40	\$11,070,275
8019	St. Louis	Green Park	Green Park Road -- Lin Valle Drive To East Of Green Park Industrial Dr - Reconstruction - Shared Use Path (8')	Preservation	\$1,126,556	\$1,408,195	\$758.83	\$12,196,831
8066	St. Charles	St. Charles County	MO N -- At Hopewell Rd - Realign Intersection	Safety	\$1,096,000	\$1,795,000	\$776.35	\$13,292,831
8032	St. Louis	St. Ann	Ashby Rd. Mill & Overlay -- International Plaza To Baltimore Ave - Resurfacing - ADA Improvements	Preservation	\$1,059,380	\$1,324,224	\$779.84	\$14,352,211
8027	Franklin	New Haven	Highway 100 West Sidewalk Extension -- Douglas Street To Immanuel Avenue - Sidewalk (6')	Sustainable Development	\$300,597	\$375,746	\$785.81	\$14,652,808
8078	St. Louis	St. Louis County	Laclede Station Road -- 400 Feet North Of Weil Avenue To Newport Avenue - Resurfacing - ADA Improvements	Preservation	\$1,536,720	\$1,925,900	\$795.62	\$16,189,528
8068	St. Louis	St. Louis County	St. Charles Rock Road (West) - 2019 -- Taussig Road To Earth City Expressway (Mo 141) - Resurfacing	Preservation	\$1,809,800	\$2,262,250	\$805.23	\$17,999,328
8038	St. Charles	St. Peters	Mc Clay Road Resurfacing, Phase 1 -- Shepherd Hills Drive To Jungermann Road - Resurfacing - Traffic Signal Improvements	Preservation	\$985,992	\$1,232,490	\$848.96	\$18,985,320
8030	Franklin	Pacific	Hwy N - Phase 2 - Sidewalk Project -- Indian Trail Road To Myers Farm Lane - Sidewalk (5')	Sustainable Development	\$266,024	\$340,130	\$912.75	\$19,251,344

## Attachment A

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
<b>Recommended for funding - Surface Transportation Program - Suballocated</b>								
8060	Jefferson	Jefferson County	Old State Route 21 -- At Lions Den Road - Intersection Improvements - Left Turn Lane	Safety	\$238,680	\$298,350	\$918.45	\$19,490,024
8003	St. Louis	Bellefontaine Neighbors	Ashbrook Drive And Cabot Drive Roadway And Sidewal -- Ashbrook Dr - Chambers Road To Cabot Drive - Cabot Dr - Ashbrook Drive To Coburg Lands	Preservation	\$837,436	\$1,046,795	\$924.71	\$20,327,460
8051	St. Louis	Wildwood	Manchester Road Streetscape Phase 3 -- Eatherton Road To Taylor Road - Sidewalks (8') - Bike Ln (5') - Storm Sewers	Safety	\$1,300,000	\$2,600,000	\$939.03	\$21,627,460
8075	St. Louis	St. Louis County	Chesterfield Parkway West (North) -- I-64 To Olive Boulevard (MO 340) - Resurfacing - ADA Improvements - Dual Left At Swingley	Preservation	\$1,500,000	\$2,102,600	\$953.42	\$23,127,460
8074	St. Louis	St. Louis County	North Hanley Road - 2019 -- St. Charles Rock Rd (Mo 180) To Natural Bridge Rd (MO 115) - Resurfacing - ADA Improvements	Preservation	\$1,854,160	\$2,322,700	\$970.55	\$24,981,620
8065	St. Charles	St. Charles County	South River Road Reconstruction -- South Main Street To Friedens Road/Arena Parkway - Reconstruction - Sidewalk (5') - ADA Improvements	Preservation	\$1,744,000	\$2,210,000	\$979.45	\$26,725,620
8077	St. Louis	St. Louis County	Clayton Road (East) -- City Limit Of St. Louis To Hanley Road - Resurfacing - ADA Improvements	Preservation	\$2,218,240	\$2,777,800	\$1,002.63	\$28,943,860
8036	Franklin	St. Clair	Bardot Street -- Mo 30 To St. Clair High School Entrance - Resurfacing - Add Sidewalk (8')	Safety	\$396,730	\$746,358	\$1,017.44	\$29,340,590
8058	Jefferson	Jefferson County	Old State Rt. 21 -- At East/West Four Ridge Road - Intersection Improvements	Safety	\$793,600	\$992,000	\$1,017.94	\$30,134,190
8018	St. Louis	Florissant	North Lafayette Street Reconstruction, Phase 2 -- Rue St. Louis Street To Washington Street - Resurfacing - Base Repairs - Add Sidewalks (5')	Preservation	\$1,124,538	\$1,405,672	\$1,041.04	\$31,258,728
8050	St. Charles	Wentzville	Wentzville Parkway Turnlane -- Schroeder Creek Blvd To Meyer Road - Two Way Turn Lane - Shared Use Path (10')	Safety	\$1,420,000	\$2,840,000	\$1,053.43	\$32,678,728
8025	St. Charles	Lake Saint Louis	Lake Saint Louis Blvd, Phase 1 -- 500 Feet West Of Chase Court To Pleasant Meadow Drive - Reconstruction - Sidewalk Improvements (5')	Preservation	\$1,100,000	\$1,463,455	\$1,069.05	\$33,778,728
8014	St. Louis	Fenton	Old Gravois Road, Phase 2 -- Ferry St To Mo 141 - Reconstruct - Sidewalk (5') - ADA Improvements	Preservation	\$1,541,600	\$1,927,000	\$1,071.26	\$35,320,328
8016	St. Louis	Ferguson	Brotherton-January-Powell Street Improvements -- Broth: Thomas To Hern; January: N Floris To City Lim - Limits; Powell Dr - Elizabeth To North Florissant	Preservation	\$1,011,784	\$1,264,730	\$1,079.20	\$36,332,112
8071	St. Louis	St. Louis County	Jennings Station Road (North) -- 260 Feet Southwest Of Hord Avenue To Halls Ferry Road - Resurfacing - ADA Improvements	Preservation	\$1,649,760	\$2,067,200	\$1,087.45	\$37,981,872
8069	St. Louis	St. Louis County	Mehl Avenue/Patterson Road - 2019 -- Lemay Ferry Road (Us 61-67) To Yaeger Road - Resurfacing - ADA Improvements	Preservation	\$1,509,440	\$1,891,800	\$1,102.10	\$39,491,312
8000	Multi-County-M	Metro	Call-A-Ride Van Replacement -- Replace Six Call-A-Ride Vans -	Preservation	\$800,000	\$1,000,000	\$1,107.78	\$40,291,312
8072	St. Louis	St. Louis County	Big Bend Boulevard (North) - 2018 -- Manchester Road (MO 100) To 100 Feet North Of Dale Avenue - Resurfacing - ADA Improvements	Preservation	\$2,250,000	\$3,301,500	\$1,124.03	\$42,541,312
8073	St. Louis	St. Louis County	Big Bend Boulevard (North End) - 2018 -- I-64 To Delmar Boulevard - Resurfacing - ADA Improvements	Preservation	\$2,250,000	\$3,577,600	\$1,124.03	\$44,791,312
8037	St. Louis City	St. Louis	Delmar, Debaliviere & Loop Trolley Infrastructure -- Resurface Delmar/Debaliviere, Install Track To Maint. - Facility, Lighting, Trolley Car Rehab, Signal Interconnect	Sustainable Development	\$5,400,000	\$6,750,000	\$2,531.29	\$50,191,312
<b>Not Recommended for funding - Surface Transportation Program - Suballocated</b>								
8076	St. Louis	St. Louis County	Dorsett Road (East) -- 12200 Dorsett Road To Old Dorsett Road - Resurfacing - ADA Improvements	Preservation	\$2,250,000	\$3,095,900	\$1,124.03	\$52,441,312
8044	St. Louis	Valley Park	St. Louis Avenue, Phase 1 -- Seventh Street To The Levee Closure Structure - Reconstruction - Add Sidewalks (5')	Preservation	\$1,318,251	\$1,647,814	\$1,151.47	\$53,759,563
8040	St. Charles	St. Peters	Mc Clay Road, Phase 2 -- Jungermann Road To Woodbriar Lane - Slab Replacement - Traffic Signal Impr. - Diamond Grind	Preservation	\$1,100,356	\$1,375,445	\$1,220.36	\$54,859,919
8009	St. Louis	Creve Coeur	Emerson Road -- Old Ballas Road To South 1,800 Ft - Resurfacing - Curb & Gutter	Preservation	\$481,600	\$602,000	\$1,241.14	\$55,341,519

Attachment A

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
<b>Not Recommended for funding - Surface Transportation Program - Suballocated</b>								
8043	St. Louis	University City	Old Bonhomme Road -- Delmar Blvd To South City Limits - Resurfacing, ADA Improvements, Roundabout At Lafon	Preservation	\$1,239,684	\$1,549,605	\$1,242.98	\$56,581,203
8039	St. Charles	St. Peters	Mid Rivers Mall Drive Corridor Improvements -- Dye Club Road To Cottleville Parkway - Center Turn Ln; Shared Use Path (8') - Dual Left At Cott Pk	Congestion	\$1,580,368	\$2,470,360	\$1,248.32	\$58,161,571
8022	St. Louis	Kirkwood	W. Essex Avenue -- N. Kirkwood Rd To N. Geyer Rd - Reconstruction - Upgrade Sidewalk (6' - North Side)	Preservation	\$1,591,980	\$1,989,975	\$1,252.98	\$59,753,551
8052	St. Louis	Wildwood	MO 109 Roundabout -- At Eastbound Mo 100 Ramps -	Congestion	\$480,000	\$600,000	\$1,254.80	\$60,233,551
8082	St. Louis	St. Louis County/Trailnet	Action Plan To Improve Walking And Bicycling -- Along St. Louis County Road System - Network Analysis - Public Outreach - Action Plan	Sustainable Development	\$287,622	\$400,000	\$1,299.04	\$60,521,173
8070	St. Louis	St. Louis County	James S. McDonnell Boulevard -- Lindbergh Blvd To 470 Feet North Of Campus Pkwy - Resurfacing	Preservation	\$3,108,840	\$3,886,050	\$1,341.30	\$63,630,013
8035	St. Charles	St. Charles	West Clay St. -- Duchesne To Mo 94 - Reconstruction - Resurfacing - Sidewalks (8' And 5')	Preservation	\$1,551,760	\$2,282,000	\$1,347.17	\$65,181,773
8048	St. Charles	Wentzville	May Road, Phase 1 -- West Meyer Road To THF Way - Overlay	Preservation	\$554,120	\$791,600	\$1,428.04	\$65,735,893
8008	St. Louis	Creve Coeur	New Ballas Road, Phase 1 -- Conway Road To Ladue Road - Resurfacing - Sidewalk Upgrade (5')	Preservation	\$758,100	\$1,083,000	\$1,433.30	\$66,493,993
8024	St. Charles	Lake Saint Louis	Rue Grand Drive Reconstruction Project -- Burgundy Drive To Savoy Drive - Reconstruction - Curb & Gutter	Preservation	\$900,000	\$1,620,000	\$1,562.68	\$67,393,993
8012	St. Charles	Dardenne Prairie	Hanley Road -- Feise Road To North 2,300 Feet - Reconstruct - Add Sidewalks (5')	Preservation	\$891,710	\$1,783,420	\$1,629.35	\$68,285,703
8062	St. Louis	Great Rivers Greenway	Deer Creek Greenway -- Deer Creek Plaza To Ellendale - Oxford, Canterbury, - Sussex, Greenwood - Shared Use Path (10') - Overlay	Preservation	\$2,961,542	\$4,597,866	\$1,732.20	\$71,247,245
8033	St. Charles	St. Charles	Friedens Road Street Lights -- Mo 94 To S. River Rd - Lighting	Safety	\$797,839	\$997,300	\$1,787.72	\$72,045,084
8041	St. Louis	Town & Country	Topping Road Resurfacing And Pedestrian Improvemen -- Topping Estates Dr/Kent Manor Dr To Clayton Rd - Resurfacing - Sidewalk (6')	Preservation	\$984,000	\$1,230,000	\$1,864.58	\$73,029,084
8023	St. Louis	Ladue	Dielman Road -- Ladue Road To Tamarack Drive - Resurfacing - Add Sidewalk (5')	Preservation	\$1,138,935	\$1,423,668	\$1,921.00	\$74,168,019
8015	St. Louis	Ferguson	Woodstock Road Improvements, Phase 2 -- South Florissant Road To Blanton Place - Reconstruction - Sidewalk Upgrade (5') - Resurfacing	Preservation	\$1,758,336	\$2,511,909	\$2,093.63	\$75,926,355
8079	St. Louis	St. Louis County	Hanna Road Resurfacing And Safety Improvements -- Big Bend Road To The City Limit Of Valley Park - Resurfacing - Shoulders - ADA Improvements	Preservation	\$2,340,640	\$2,925,800	\$2,095.94	\$78,266,995
8047	St. Louis	Webster Groves	Marshall Road -- N. Bompert Avenue To Big Bend Blvd - Resurfacing - Sidewalk (6') - ADA Improvements	Preservation	\$583,782	\$729,728	\$2,123.97	\$78,850,777
8056	Jefferson	Jefferson County	Old Lemay Ferry Road, Phase 2 -- 300 Ft South Of East Rock Creek To 600 Ft North - Of Spring Forest - Reconstruction	Safety	\$2,654,625	\$3,539,500	\$2,294.99	\$81,505,402
8031	St. Louis	Rock Hill	Kortwright Avenue -- Manchester Road To Warson Place - Resurfacing - Extend Sidewalk (5')	Preservation	\$407,078	\$508,848	\$2,308.20	\$81,912,480
8063	St. Louis	Great Rivers Greenway	Maline Greenway -- Ted Jones Trail At Short Ave To Forestwood Park - Shared Use Path (10') - Sharrows - Sidewalk - Overlay	Preservation	\$4,694,408	\$5,868,011	\$2,577.10	\$86,606,888
8055	Jefferson	Jefferson County	Old Lemay Ferry Road, Phase 1 -- Seckman Rd To 300 Ft South Of East Rock Creek - Reconstruction	Safety	\$2,362,400	\$2,953,000	\$2,730.30	\$88,969,288
8057	Jefferson	Jefferson County	Old Lemay Ferry Road, Phase 3 -- 600 Ft North Of Spring Forest Rd To 132' South Of Vogel Rd - Reconstruction	Safety	\$1,804,480	\$2,255,600	\$3,144.80	\$90,773,768
8001	St. Louis	Metro	North County Transit Center, Phase 2 -- Bus Garage And Maintenance Facility - Store, Dispatch And Maintain Up To 70 Buses & 25 Vans	Preservation	\$4,000,000	\$5,000,000	\$3,199.76	\$94,773,768
8004	St. Louis	Brentwood	Manchester Road -- Brentwood Boulevard To Ruth Avenue - Resurface, Curb & Gutter, Sidewalk Upgrades (5')	Preservation	\$1,348,417	\$1,685,521	\$3,233.81	\$96,122,185

## Attachment A

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
<b>Not Recommended for funding - Surface Transportation Program - Suballocated</b>								
8007	St. Louis	Cool Valley	South Florissant Road Streetscape, Phase 2 -- Signal Hill To Northern City Limits - Lighting - Sidewalk	Access to Opportunity	\$516,940	\$646,174	\$3,783.82	\$96,639,125
8083	St. Louis	Chesterfield	Schoettler Road, Phase 1 -- Clayton Road To Brook Hill Drive - Reconstruction - Sidewalks (5') - Bike Ln	Safety	\$2,364,320	\$2,955,400	\$4,056.09	\$99,003,445
8034	St. Charles	St. Charles	Harry S. Truman Road, Phase 2 -- Ehlmann Road To Premier Parkway South - Reconstruction - Shared Use Path (10') - Slab Replacement	Preservation	\$2,501,500	\$5,003,000	\$4,999.11	\$101,504,945
8011	St. Charles	Dardenne Prairie	ADA Compliant Ramp And Sidewalk Connections -- Over 500 Ramp And Sidewalk Locations Throughout City - Sidewalk And Curb Ramps	Access to Opportunity	\$787,880	\$984,850	\$5,904.02	\$102,292,825
8005	St. Louis	Chesterfield	Interstate 64 South Outer Road -- Mo 340 (Clarkson Road) To Chesterfield Parkway East - Modify Ramp - Extend Outer Road - Reconstruct Eldridge	Congestion	\$4,072,430	\$5,090,537	\$9,720.24	\$106,365,255
8013	St. Charles	Dardenne Prairie	Weldon Spring Road -- Technology Drive To Technology Drive - Reconstruction - Sidewalk (5') - Two Way Turn Ln	Safety	\$7,517,780	\$9,397,225	\$12,319.58	\$113,883,035
<b>Not recommended - Incomplete application</b>								
8045	St. Louis	Valley Park	Dougherty Ferry And Hillsboro Rd -- Dougherty Ferry Rd: Country Stone Dr To Big Bend Rd; - Hillsboro Rd: Meramec Stn Rd To City Limits - Resurfacing	Preservation	\$885,282	\$1,106,603		\$114,768,317
<b>Not recommended - No letter of support/partnership with MoDOT</b>								
8064	St. Charles	St. Charles County	Mothershead Road Extension - Westwood to MO 94	Safety	\$840,000	\$565,000		\$115,608,317

Attachment B

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title -- Description	Metric Tons NOx Reduced	Metric Tons PM 2.5 Reduced	Metric Tons HC Reduced	Federal Total	Total Cost	Fed \$/Emissions Reduced per \$1 million	Cumulative Federal Cost
<b>Recommended for funding - Congestion Mitigation and Air Quality Improvement Program</b>										
8223-16	Multi-County-M	MoDOT	Motorist Assist Upgrades - Along Motorist Route - 208 Miles; Install Gps Interoperable Communication W Emergency Services	0.0008460	0.0000672	0.0005258	\$288,474	\$360,592	\$420.58	\$288,474
8200-16	Multi-County-M	Metro	Bus Replacement - 2016 (A) - Replace 11 Buses (9-2002 models; 2-2004 models)	0.0178535	0.0001891	0.0010761	\$4,000,000	\$5,000,000	\$422.62	\$4,288,474
8213-16	St. Louis City	St. Louis	Traffic Management Enhancements, Phase 3 - Install Traffic Monitoring Cameras, Downtown Signal Optimization, Fiberoptic Install, Traffic Op Center	0.0070287	0.0001995	0.0019152	\$3,040,000	\$3,800,000	\$679.80	\$7,328,474
8221-16	Multi-County-M	MoDOT - Citizens For Modern Transit	Driving Change Through Transit Ridership Progarm - Stl City & Stl County - Two Year Outreach Prog. Launch Zimride - Expand Try & Ride - Education/Outreach	0.0011410	0.0000406	0.0003421	\$588,658	\$735,824	\$793.83	\$7,917,132
8217-16	St. Charles	Wentzville	Flashing Yellow Arrows - 10 Signalized Intersections Along Wentzville Pkwy, W Meyer, And Luetkenhaus Blvd	0.0003140	0.0000109	0.0000877	\$216,000	\$270,000	\$1,075.32	\$8,133,132
8227-16	St. Louis	St. Louis County	2017 Southwest County ITS - Various Locations Along Bowles Ave; Clayton Rd; Hawkins Rd And Old State Rd	0.0009405	0.0000335	0.0002199	\$820,240	\$1,030,300	\$1,413.80	\$8,953,372
8201-16	Multi-County-	Metro	Bus Replacement - 2016 (B) - Replace 11 Buses (11 2004 models)	0.0048866	0.0000000	0.0001981	\$4,000,000	\$5,000,000	\$1,573.34	\$12,953,372
8228-16	St. Louis	St. Louis County	2017 West County ITS - Various Locations Along Carman Rd; Chesterfield Pky W; Conway Rd; Kehrs Mill Rd; Mcknight Rd And Weidman Rd	0.0007098	0.0000265	0.0002115	\$882,800	\$1,111,000	\$1,916.51	\$13,836,172
8205-16	St. Louis	Kirkwood	Kirkwood Road - Manchester Road To Big Bend Boulevard Signal Optimization - Interconnect - Upgrade Signals	0.0030577	0.0000801	0.0007771	\$3,974,409	\$5,068,012	\$2,072.84	\$17,810,581
8226-16	St. Louis	St. Louis County	2017 South County ITS - Locations Along Ambs Rd; Butler Hill; Lemay Ferry Lindbergh Blvd; Union Rd, Forder Rd And Meramec Bottom Rd	0.0005467	0.0000191	0.0001244	\$783,200	\$984,000	\$2,334.15	\$18,593,781
8225-16	St. Louis	St. Louis County	2017 North County ITS - Locations Along Ashby; Brown; Dorsett; Jennings Stn Rd Lilac ; North & South Rd; And Mckelvey Rd	0.0005283	0.0000175	0.0001374	\$932,480	\$1,170,600	\$2,801.47	\$19,526,261
8203-16	St. Louis	Chesterfield	Chesterfield City Fleet Conversion - Construct CNG Fueling Facility, Purchase 7 CNG 2.5 Ton Trucks, 6 CNG/Gas 1.5/1/0.5 Ton Trucks	0.0005597	0.0000276	0.0001266	\$1,120,023	\$1,400,029	\$3,263.81	\$20,646,284
8220-16	St. Louis	MoDOT	MO 340 Corridor Improvements - Chesterfield Parkway To S/O Eb I-64 On/Off Ramps Channelization - Intersection Improvements	0.0009289	0.0000295	0.0003108	\$2,608,276	\$3,260,345	\$4,207.93	\$23,254,560
8202-16	Jefferson	Arnold	Tenbrook Road/ Fox Schools Exit - At Jeffco Blvd (Us 61767) Left Turn Lanes - Sidewalk - Intersection Improvement	0.0001031	0.0000058	0.0000523	\$566,718	\$809,597	\$7,294.98	\$23,821,278
8230-17	Jefferson	Hillsboro	Business 21, Phase 3 - Leon Hall Parkway To Main Street Two Way Turn Lane - Sidewalk (6')	0.0001515	0.0000049	0.0000358	\$721,832	\$1,019,473	\$7,706.59	\$24,543,110
8204-17	Jefferson	De Soto	MO 21 - Cajun Drive To MO H Two Way Turn Lane - Shared Use Path (8')	0.0001662	0.0000066	0.0000448	\$881,606	\$1,196,688	\$8,355.83	\$25,424,716
8224-17	St. Charles	St. Charles County	I-70 Outer Roads And Interchanges - Woodlawn Avenue To TR Hughes Boulevard Convert Outer Roads To One-Way - Revise Interchanges	0.0006825	0.0000294	0.0001142	\$3,500,000	\$16,000,000	\$8,786.33	\$28,924,716
8207-17	St. Charles	O'Fallon	MO N - At Hawk Ridge Trail Intersection Improvements	0.0000313	0.0000018	0.0000159	\$260,000	\$1,380,068	\$11,011.49	\$29,184,716
8206-16	St. Charles	O'Fallon	MO DD - At Sommers Road New Traffic Signal	0.0000448	0.0000025	0.0000227	\$608,000	\$760,000	\$17,997.03	\$29,792,716
8212-16	St. Louis City	St. Louis	I-70 - At Broadway (Northbound) Relocate WB Off Ramp To Carrie	0.0000590	0.0000030	0.0000293	\$1,264,000	\$1,580,000	\$28,644.59	\$31,056,716

Attachment B

FY 2016-2019 Transportation Improvement Program (TIP)  
Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title -- Description	Metric Tons NOx Reduced	Metric Tons PM 2.5 Reduced	Metric Tons HC Reduced	Federal Total	Total Cost	Fed \$/Emissions Reduced per \$1 million	Cumulative Federal Cost
Not recommended due to funding constraints - Congestion Mitigation and Air Quality Improvement Program										
8214-16	St. Charles	St. Peters	Jungermann Road - At Mexico Road Intersection Improvements	0.0000368	0.0000021	0.0000187	\$1,037,823	\$1,558,257	\$37,397.62	\$32,094,539
8229-17	St. Louis	Great Rivers Greenway	Grant's Trail Extension - Orlando's (4300 Hoffmeister) To River Des Peres Greenway Shared Use Path (12')	0.0002015	0.0000066	0.0000587	\$5,131,000	\$10,262,000	\$39,431.71	\$37,225,539
8210-16	St. Charles	St. Charles	St. Charles Bike/Ped Facilities - Along MO 94, Friedns, Zumbahl, Kingshwy, Perry, Fairgrnds, Jeffer, Boone, 5Th, 6Th, Randolph, Duchense, Hawks Nes	0.0000765	0.0000027	0.0000229	\$2,160,000	\$2,700,000	\$43,467.95	\$39,385,539
8208-16	St. Charles	O'Fallon	Tom Ginnever - At N. Cool Springs Road Traffic Signal - Right Turn Ln	0.0000077	0.0000004	0.0000039	\$281,600	\$352,000	\$48,386.92	\$39,667,139
8218-17	Multi-County-M	Great Rivers Greenway	St. Louis Bikeshare, Phase 1 - 60 Stations And 540 Bikes In 9 Sq Mile Area: Downtown Stl, Midtown, Central W End, Wash U, Forest Park	0.0000784	0.0000028	0.0000225	\$2,634,144	\$4,496,680	\$52,220.74	\$42,301,283
8211-16	St. Charles	St. Charles	Elm Point Industrial Drive - At Mueller Road Install Traffic Signal	0.0000055	0.0000003	0.0000028	\$245,680	\$307,100	\$59,603.47	\$42,546,963
8215-16	St. Charles	St. Peters	Mid Rivers Mall Drive - At Ohmes Road Intersection Improvements - Dual Lefts	0.0000146	0.0000008	0.0000074	\$779,168	\$1,157,928	\$71,023.09	\$43,326,131
8216-16	St. Charles	St. Peters	Mid Rivers Mall Drive - Mcmenamy Road To Mid Rivers Mall Entrance Right Turn Lane - Channelization	0.0000041	0.0000002	0.0000021	\$791,264	\$1,425,160	\$258,842.31	\$44,117,395
8209-16	St. Charles	St. Charles	West Clay Street - At Droste Road/Chargene St Realign Intersection	0.0000120	0.0000007	0.0000061	\$3,102,794	\$4,138,218	\$343,347.67	\$47,220,189
Not recommended - Insufficient data provided										
8222-16	Multi-County-M	MoDOT	ITS CCTV Camera Upgrades - At 242 Various Locations Along I-44, I-55, I-64, I-70, I-170, I-255, I-270, MO 364, MO 141, MO 367, MO 370, Us 67				\$1,180,390	\$1,495,310	N/A	\$48,400,579
Not recommended - Ridefinders program has unexpended balances from previously approved projects										
8219-16	Multi-County-M	Madison County Transit District	Ridefinders Marketing & Outreach - 2016 (MO) - Increase Awareness, Interest, And Participation In Ridefinders To Employers And Commuters				\$960,000	\$960,000	N/A	\$49,360,579
Not recommended - Emissions increase										
8231-16	St. Charles	St. Charles	Regency Parkway - At Veterans Memorial Parkway Install Traffic Signal	-0.0000054	-0.0000003	-0.0000028	\$224,400	\$280,500	-\$54,876.75	\$49,584,979



# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: FRANKLIN

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8053-16 New	FRANKLIN COUNTY FIDDLE CREEK ROAD BRIDGE OVER FIDDLE CREEK REPLACE BRIDGE (# 0800022) LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) Widening to 12' Lanes	PE ROW IMPL	\$76,000 \$25,000 \$650,000	\$76,000 \$0 \$0	\$0 \$25,000 \$0	\$0 \$0 \$650,000	\$0 \$0 \$0
			Federal: \$600,800 State: \$0 Local: \$150,200	TOTAL	\$751,000	\$76,000	\$25,000	\$650,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$751,000					
8027-17 New	NEW HAVEN HIGHWAY 100 WEST SIDEWALK EXTENSION DOUGLAS STREET TO IMMANUEL AVENUE SIDEWALK (6') LENGTH (mi): 0.49 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Sustainable Development	STP-S	Pedestrian Facility Sidewalks Streetscape Improvements	PE ROW IMPL	\$32,115 \$5,000 \$338,631	\$0 \$0 \$0	\$32,115 \$0 \$0	\$0 \$5,000 \$0	\$0 \$0 \$338,631
			Federal: \$300,597 State: \$0 Local: \$75,149	TOTAL	\$375,746	\$0	\$32,115	\$5,000	\$338,631
				ESTIMATED TOTAL PROJECT COST: \$375,746					
8030-17 New	PACIFIC HWY N - PHASE 2 - SIDEWALK PROJECT INDIAN TRAIL ROAD TO MYERS FARM LANE SIDEWALK (5') LENGTH (mi): 0.28 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Sustainable Development	STP-S	Sidewalks Drainage Correction Pedestrian Facility	PE ROW IMPL	\$7,600 \$0 \$332,530	\$7,600 \$0 \$0	\$0 \$0 \$332,530	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$266,024 State: \$0 Local: \$74,106	TOTAL	\$340,130	\$7,600	\$332,530	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$340,130					
8036-17 New	ST. CLAIR BARDOT STREET MO 30 TO ST. CLAIR HIGH SCHOOL ENTRANCE RESURFACING - ADD SIDEWALK (8') LENGTH (mi): 0.26 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Resurfacing 2 Lane Pvmnt Pedestrian Facility	PE ROW IMPL	\$64,341 \$0 \$682,017	\$64,341 \$0 \$0	\$0 \$0 \$682,017	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$396,730 State: \$0 Local: \$349,628	TOTAL	\$746,358	\$64,341	\$682,017	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$746,358					
8042-17 New	UNION CHRISTINA STREET BRIDGE OVER FLAT CREEK REPLACE BRIDGE - REALIGN ROAD LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Construct Bridge(s) Sidewalks	PE ROW IMPL	\$62,156 \$10,000 \$810,276	\$62,156 \$0 \$0	\$0 \$10,000 \$0	\$0 \$0 \$810,276	\$0 \$0 \$0
			Federal: \$626,385 State: \$0 Local: \$256,047	TOTAL	\$882,432	\$62,156	\$10,000	\$810,276	\$0
				ESTIMATED TOTAL PROJECT COST: \$882,432					

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: FRANKLIN

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8046-17 New	WASHINGTON HIGH STREET MO 100 TO FIFTH STREET RESURFACING - SIDEWALK (5') 9TH TO MO 100 LENGTH (mi): 0.86 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Sidewalks	PE ROW IMPL	\$12,500 \$21,000 \$545,000	\$0 \$0 \$0	\$12,500 \$0 \$0	\$0 \$21,000 \$0	\$0 \$0 \$545,000
			Federal: \$462,800 State: \$0 Local: \$115,700	TOTAL	\$578,500	\$0	\$12,500	\$21,000	\$545,000
				ESTIMATED TOTAL PROJECT COST: \$578,500					

# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: JEFFERSON

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8202-16 New	ARNOLD TENBROOK ROAD/ FOX SCHOOLS EXIT AT JEFFCO BLVD (US 61767) LEFT TURN LANES - SIDEWALK - INTERSECTION IMPROVEMENT LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Left-turn lanes Sidewalks	PE ROW IMPL	\$73,800 \$59,297 \$676,500	\$73,800 \$0 \$0	\$0 \$59,297 \$676,500	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$566,718 State: \$0 Local: \$242,879	TOTAL	\$809,597	\$73,800	\$735,797	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$809,597					
8010-17 New	CRYSTAL CITY PARK STREET AND VIRGINIA AVENUE PARK STREET - PARKVIEW DR TO 14TH ST; VIRGINIA AVE - PARK DR TO 11TH ST - SIDEWALK (6') - LIGHTING LENGTH (mi): 0.4 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Sustainable Development	STP-S	Sidewalks Lighting	PE ROW IMPL	\$39,924 \$0 \$357,701	\$39,924 \$0 \$0	\$0 \$0 \$357,701	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$193,361 State: \$0 Local: \$204,264	TOTAL	\$397,625	\$39,924	\$357,701	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$397,625					
8204-17 New	DE SOTO MO 21 CAJUN DRIVE TO MO H TWO WAY TURN LANE - SHARED USE PATH (8') LENGTH (mi): 0.6 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Bi-directional Left-turn Ln. Bicycle Facilities Pedestrian Facility	PE ROW IMPL	\$94,681 \$0 \$1,102,007	\$94,681 \$0 \$0	\$0 \$0 \$1,102,007	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$881,606 State: \$0 Local: \$315,082	TOTAL	\$1,196,688	\$94,681	\$1,102,007	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,196,688					
8017-16 New	FESTUS MO A AT POUNDS RD INSTALL TRAFFIC SIGNAL LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Safety	STP-S	Intersection Improvement Traffic Signals Misc traffic control items/TTS	PE ROW IMPL	\$31,500 \$0 \$340,200	\$31,500 \$0 \$0	\$0 \$0 \$340,200	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$260,190 State: \$0 Local: \$111,510	TOTAL	\$371,700	\$31,500	\$340,200	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$371,700					
8021-17 New	HERCULANEUM HILL STREET WALL STREET TO JOACHIM AVENUE SIDEWALKS (6') - LIGHTING LENGTH (mi): 0.3 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Sustainable Development	STP-S	Sidewalks Lighting	PE ROW IMPL	\$39,611 \$0 \$421,110	\$39,611 \$0 \$0	\$0 \$0 \$421,110	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$249,688 State: \$0 Local: \$211,033	TOTAL	\$460,721	\$39,611	\$421,110	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$460,721					

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## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: JEFFERSON

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8230-17 New	HILLSBORO BUSINESS 21, PHASE 3 LEON HALL PARKWAY TO MAIN STREET TWO WAY TURN LANE - SIDEWALK (6') LENGTH (mi): 0.42 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Bi-directional Left-turn Ln. Sidewalks	PE ROW IMPL  TOTAL	\$72,183 \$0 \$947,290  \$1,019,473	\$72,183 \$0 \$0  \$72,183	\$0 \$0 \$947,290  \$947,290	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
			Federal: \$721,832 State: \$0 Local: \$297,641	ESTIMATED TOTAL PROJECT COST:	\$1,019,473				
8059-18 New	JEFFERSON COUNTY ANTIRE ROAD AT WILLIAMS CREEK RD INTERSECTION IMPROVEMENTS LENGTH (mi): 0.11 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Improvement Roadway Realignment Geometric Revisions	PE ROW IMPL  TOTAL	\$0 \$40,300 \$358,700  \$399,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0	\$0 \$40,300 \$0  \$40,300	\$0 \$0 \$358,700  \$358,700
			Federal: \$319,200 State: \$0 Local: \$79,800	ESTIMATED TOTAL PROJECT COST:	\$399,000				
8060-17 New	JEFFERSON COUNTY OLD STATE ROUTE 21 AT LIONS DEN ROAD INTERSECTION IMPROVEMENTS - LEFT TURN LANE LENGTH (mi): 0.16 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Improvement Left-turn lanes	PE ROW IMPL  TOTAL	\$50,000 \$20,000 \$228,350  \$298,350	\$0 \$0 \$0  \$0	\$50,000 \$0 \$0  \$50,000	\$0 \$20,000 \$0  \$20,000	\$0 \$0 \$228,350  \$228,350
			Federal: \$238,680 State: \$0 Local: \$59,670	ESTIMATED TOTAL PROJECT COST:	\$298,350				
8058-17 New	JEFFERSON COUNTY OLD STATE RT. 21 AT EAST/WEST FOUR RIDGE ROAD INTERSECTION IMPROVEMENTS LENGTH (mi): 0.35 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Improvement Roadway Realignment	PE ROW IMPL  TOTAL	\$73,000 \$68,000 \$851,000  \$992,000	\$0 \$0 \$0  \$0	\$73,000 \$0 \$0  \$73,000	\$0 \$68,000 \$0  \$68,000	\$0 \$0 \$851,000  \$851,000
			Federal: \$793,600 State: \$0 Local: \$198,400	ESTIMATED TOTAL PROJECT COST:	\$992,000				
8061-17 New	JEFFERSON COUNTY ROMAINE CREEK ROAD SCHNEIDER DRIVE TO WEST ROCK CREEK ROAD OVERLAY LENGTH (mi): 3.94 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Paving	PE ROW IMPL  TOTAL	\$0 \$0 \$399,735  \$399,735	\$0 \$0 \$0  \$0	\$0 \$0 \$399,735  \$399,735	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
			Federal: \$319,788 State: \$0 Local: \$79,947	ESTIMATED TOTAL PROJECT COST:	\$399,735				

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: MULTI-COUNTY-M

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8200-16 New	METRO BUS REPLACEMENT - 2016 (A) REPLACE 11 BUSES  LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Congestion	CMAQ	Transit Capital Imps.	PE ROW IMPL  FEDERAL: \$4,000,000 STATE: \$0 LOCAL: \$1,000,000	\$0 \$0 \$5,000,000  TOTAL \$5,000,000  ESTIMATED TOTAL PROJECT COST: \$5,000,000	\$0 \$0 \$5,000,000  \$5,000,000  \$5,000,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8201-16 New	METRO BUS REPLACEMENT - 2016 (B) REPLACE 11 BUSES  LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Congestion	CMAQ	Transit Capital Imps.	PE ROW IMPL  FEDERAL: \$4,000,000 STATE: \$0 LOCAL: \$1,000,000	\$0 \$0 \$5,000,000  TOTAL \$5,000,000  ESTIMATED TOTAL PROJECT COST: \$5,000,000	\$0 \$0 \$5,000,000  \$5,000,000  \$5,000,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8000-17 New	METRO CALL-A-RIDE VAN REPLACEMENT REPLACE SIX CALL-A-RIDE VANS  LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Transit Capital Imps.	PE ROW IMPL  FEDERAL: \$800,000 STATE: \$0 LOCAL: \$200,000	\$0 \$0 \$1,000,000  TOTAL \$1,000,000  ESTIMATED TOTAL PROJECT COST: \$1,000,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$1,000,000  \$1,000,000  \$1,000,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8223-16 New	MODOT MOTORIST ASSIST UPGRADES ALONG MOTORIST ROUTE - 208 MILES; INSTALL GPS INTEROPERABLE COMMUNICATION W EMERGENCY SERVICES LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Miscellaneous	PE ROW IMPL  FEDERAL: \$288,474 STATE: \$72,118 LOCAL: \$0	\$10,503 \$0 \$350,089  TOTAL \$360,592  ESTIMATED TOTAL PROJECT COST: \$360,592	\$10,503 \$0 \$350,089  \$360,592  \$360,592	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8221-16 New	MODOT - CITIZENS FOR MODERN TRANSIT DRIVING CHANGE THROUGH TRANSIT RIDERSHIP PROGARM STL CITY & STL COUNTY - TWO YEAR OUTREACH PROG. LAUNCH ZIMRIDE - EXPAND TRY & RIDE - EDUCATION/OUTREACH LENGTH (mi): 0 AIR QUALITY STAT: Exempt PROJ PURPOSE: Congestion	CMAQ	Education/Marketing Program	PE ROW IMPL  FEDERAL: \$588,658 STATE: \$0 LOCAL: \$147,166	\$0 \$0 \$735,824  TOTAL \$735,824  ESTIMATED TOTAL PROJECT COST: \$735,824	\$0 \$0 \$367,912  \$367,912  \$367,912	\$0 \$0 \$367,912  \$367,912  \$367,912	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0

# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8025-17 New	LAKE SAINT LOUIS LAKE SAINT LOUIS BLVD, PHASE 1 500 FEET WEST OF CHASE COURT TO PLEASANT MEADOW DRIVE RECONSTRUCTION - SIDEWALK IMPROVEMENTS (5') LENGTH (mi): 0.85 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Pedestrian Facility Geometric Revisions	PE ROW IMPL	\$120,000 \$30,000 \$1,313,455	\$0 \$0 \$0	\$120,000 \$0 \$0	\$0 \$30,000 \$0	\$0 \$0 \$1,313,455
			Federal: \$1,100,000 State: \$0 Local: \$363,455	TOTAL	\$1,463,455	\$0	\$120,000	\$30,000	\$1,313,455
				ESTIMATED TOTAL PROJECT COST: \$1,463,455					
8028-16 New	O'FALLON BRYAN ROAD SUNVIEW DRIVE TO NORWOOD HILLS CONCRETE SLAB REPLACEMENT - ADA IMPROVEMENTS LENGTH (mi): 0.53 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Pedestrian Facility Roadway - Curb & Gutter	PE ROW IMPL	\$50,000 \$0 \$939,000	\$50,000 \$0 \$0	\$0 \$0 \$939,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$791,200 State: \$0 Local: \$197,800	TOTAL	\$989,000	\$50,000	\$939,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$989,000					
8029-16 New	O'FALLON MEXICO ROAD MO K TO BARRINGTON DRIVE RESURFACING - SIDEWALK (5') ON N SIDE LENGTH (mi): 0.83 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Sidewalks	PE ROW IMPL	\$90,000 \$180,000 \$1,022,000	\$90,000 \$0 \$0	\$0 \$180,000 \$0	\$0 \$0 \$1,022,000	\$0 \$0 \$0
			Federal: \$1,033,600 State: \$0 Local: \$258,400	TOTAL	\$1,292,000	\$90,000	\$180,000	\$1,022,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,292,000					
8206-16 New	O'FALLON MO DD AT SOMMERS ROAD NEW TRAFFIC SIGNAL LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Traffic Signals	PE ROW IMPL	\$75,000 \$120,000 \$565,000	\$75,000 \$120,000 \$0	\$0 \$0 \$565,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$608,000 State: \$0 Local: \$152,000	TOTAL	\$760,000	\$195,000	\$565,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$760,000					
8207-17 New	O'FALLON MO N AT HAWK RIDGE TRAIL INTERSECTION IMPROVEMENTS LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Left-turn lanes	PE ROW IMPL	\$0 \$32,000 \$1,348,068	\$0 \$32,000 \$0	\$0 \$0 \$1,348,068	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$260,000 State: \$703,617 Local: \$416,451	TOTAL	\$1,380,068	\$32,000	\$1,348,068	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,380,068					

# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8224-17 New	ST. CHARLES COUNTY I-70 OUTER ROADS AND INTERCHANGES WOODLAWN AVENUE TO TR HUGHES BOULEVARD CONVERT OUTER ROADS TO ONE-WAY - REVISE INTERCHANGES LENGTH (mi): 1.5 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Interchange Revision Roadway Improvements	PE ROW IMPL	\$1,330,000 \$824,000 \$13,846,000	\$1,330,000 \$824,000 \$400,000	\$0 \$0 \$13,446,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$3,500,000 State: \$4,451,759 Local: \$8,048,241	TOTAL	\$16,000,000	\$2,554,000	\$13,446,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$16,000,000					
8066-18 New	ST. CHARLES COUNTY MO N AT HOPEWELL RD REALIGN INTERSECTION LENGTH (mi): 0.44 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Improvement Roadway Realignment Roadway Shoulders	PE ROW IMPL	\$100,000 \$325,000 \$1,370,000	\$100,000 \$0 \$0	\$0 \$325,000 \$0	\$0 \$0 \$1,370,000	\$0 \$0 \$0
			Federal: \$1,096,000 State: \$0 Local: \$699,000	TOTAL	\$1,795,000	\$100,000	\$325,000	\$1,370,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,795,000					
8065-18 New	ST. CHARLES COUNTY SOUTH RIVER ROAD RECONSTRUCTION SOUTH MAIN STREET TO FRIEDENS ROAD/ARENA PARKWAY RECONSTRUCTION - SIDEWALK (5') - ADA IMPROVEMENTS LENGTH (mi): 0.7 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Sidewalks Roadway - Curb & Gutter	PE ROW IMPL	\$20,000 \$10,000 \$2,180,000	\$20,000 \$0 \$0	\$0 \$10,000 \$0	\$0 \$0 \$2,180,000	\$0 \$0 \$0
			Federal: \$1,744,000 State: \$0 Local: \$466,000	TOTAL	\$2,210,000	\$20,000	\$10,000	\$2,180,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$2,210,000					
8038-17 New	ST. PETERS MC CLAY ROAD RESURFACING, PHASE 1 SHEPHERD HILLS DRIVE TO JUNGERMANN ROAD RESURFACING - TRAFFIC SIGNAL IMPROVEMENTS LENGTH (mi): 0.75 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 3 Lane Pvmnt Traffic Signals Pedestrian Facility	PE ROW IMPL	\$0 \$0 \$1,232,490	\$0 \$0 \$0	\$0 \$0 \$1,232,490	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$985,992 State: \$0 Local: \$246,498	TOTAL	\$1,232,490	\$0	\$1,232,490	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,232,490					
8217-16 New	WENTZVILLE FLASHING YELLOW ARROWS 10 SIGNALIZED INTERSECTIONS ALONG WENTZVILLE PKWY, W MEYER, AND LUETKENHAUS BLVD LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals	PE ROW IMPL	\$45,000 \$0 \$225,000	\$45,000 \$0 \$0	\$0 \$0 \$225,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$216,000 State: \$0 Local: \$54,000	TOTAL	\$270,000	\$45,000	\$225,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$270,000					

FISCAL YEARS 2016-2019  
**TRANSPORTATION IMPROVEMENT PROGRAM**  
 ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8049-17 New	WENTZVILLE SOUTH LINN AVENUE MAIN STREET TO WEST 4TH STREET RECONSTRUCTION - SIDEWALK UPGRADE (4.5') LENGTH (mi): 0.16 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Pedestrian Facility Utility Adjustment  Federal: \$442,950 State: \$0 Local: \$370,000	PE ROW IMPL  TOTAL	\$0 \$10,500 \$802,450  \$812,950	\$0 \$10,500 \$0  \$10,500	\$0 \$0 \$802,450  \$802,450	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
ESTIMATED TOTAL PROJECT COST:						\$812,950			
8050-17 New	WENTZVILLE WENTZVILLE PARKWAY TURNLANE SCHROEDER CREEK BLVD TO MEYER ROAD TWO WAY TURN LANE - SHARED USE PATH (10') LENGTH (mi): 0.45 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Safety	STP-S	Bi-directional Left-turn Ln. Lighting Pedestrian Facility  Federal: \$1,420,000 State: \$0 Local: \$1,420,000	PE ROW IMPL  TOTAL	\$206,700 \$225,000 \$2,408,300  \$2,840,000	\$0 \$0 \$0  \$0	\$206,700 \$0 \$0  \$206,700	\$0 \$225,000 \$0  \$225,000	\$0 \$0 \$2,408,300  \$2,408,300
ESTIMATED TOTAL PROJECT COST:						\$2,840,000			



# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8002-16 New	BALLWIN RAMSEY LANE BRIDGE OVER FISHPOT CREEK REPLACE BRIDGE LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) Pedestrian Facility	PE ROW IMPL	\$92,000 \$28,000 \$754,600	\$92,000 \$0 \$0	\$0 \$28,000 \$0	\$0 \$0 \$754,600	\$0 \$0 \$0
			Federal: \$699,680 State: \$0 Local: \$174,920	TOTAL	\$874,600	\$92,000	\$28,000	\$754,600	\$0
				ESTIMATED TOTAL PROJECT COST: \$874,600					
8003-16 New	BELLEFONTAINE NEIGHBORS ASHBROOK DRIVE AND CABOT DRIVE ROADWAY AND SIDEWALK ASHBROOK DR - CHAMBERS ROAD TO CABOT DRIVE CABOT DR - ASHBROOK DRIVE TO COBURG LANDS LENGTH (mi): 0.65 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Pedestrian Facility	PE ROW IMPL	\$88,945 \$15,000 \$942,850	\$88,945 \$0 \$0	\$0 \$15,000 \$0	\$0 \$0 \$942,850	\$0 \$0 \$0
			Federal: \$837,436 State: \$0 Local: \$209,359	TOTAL	\$1,046,795	\$88,945	\$15,000	\$942,850	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,046,795					
8203-16 New	CHESTERFIELD CHESTERFIELD CITY FLEET CONVERSION CONSTRUCT CNG FUELING FACILITY, PURCHASE 7 CNG 2.5 TON TRUCKS, 6 CNG/GAS 1.5/1/0.5 TON TRUCKS LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Alternative Fuels Program	PE ROW IMPL	\$178,699 \$30,000 \$1,191,330	\$178,699 \$30,000 \$0	\$0 \$0 \$1,191,330	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$1,120,023 State: \$0 Local: \$280,006	TOTAL	\$1,400,029	\$208,699	\$1,191,330	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,400,029					
8006-18 New	CLAYTON BRENTWOOD BOULEVARD CLAYTON ROAD TO FORSYTH BLVD RESURFACING LENGTH (mi): 0.93 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 6 Lane Pvmnt Pedestrian Facility Roadway - Curb & Gutter	PE ROW IMPL	\$68,468 \$10,000 \$1,141,140	\$68,468 \$0 \$0	\$0 \$10,000 \$0	\$0 \$0 \$1,141,140	\$0 \$0 \$0
			Federal: \$513,513 State: \$0 Local: \$706,095	TOTAL	\$1,219,608	\$68,468	\$10,000	\$1,141,140	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,219,608					
8014-17 New	FENTON OLD GRAVOIS ROAD, PHASE 2 FERRY ST TO MO 141 RECONSTRUCT - SIDEWALK (5') - ADA IMPROVEMENTS LENGTH (mi): 0.4 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Pedestrian Facility Sidewalks	PE ROW IMPL	\$200,000 \$20,000 \$1,707,000	\$0 \$0 \$0	\$200,000 \$0 \$0	\$0 \$20,000 \$0	\$0 \$0 \$1,707,000
			Federal: \$1,541,600 State: \$0 Local: \$385,400	TOTAL	\$1,927,000	\$0	\$200,000	\$20,000	\$1,707,000
				ESTIMATED TOTAL PROJECT COST: \$1,927,000					

# FISCAL YEARS 2016-2019

## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8016-16 New	FERGUSON BROTHERTON-JANUARY-POWELL STREET IMPROVEMENTS BROTH: THOMAS TO HERN; JANUARY: N FLORIS TO CITY LIM LIMITS; POWELL DR - ELIZABETH TO NORTH FLORISSANT LENGTH (mi): 1.46 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Pedestrian Facility Roadway - Curb & Gutter Resurfacing  Federal: \$1,011,784 State: \$0 Local: \$252,946	PE ROW IMPL  TOTAL	\$204,568 \$0 \$1,060,162  \$1,264,730	\$204,568 \$0 \$0  \$204,568	\$0 \$0 \$1,060,162  \$1,060,162	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$1,264,730				
8018-16 New	FLORISSANT NORTH LAFAYETTE STREET RECONSTRUCTION, PHASE 2 RUE ST. LOUIS STREET TO WASHINGTON STREET RESURFACING - BASE REPAIRS - ADD SIDEWALKS (5') LENGTH (mi): 0.21 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Sidewalks Utility Adjustment  Federal: \$1,124,538 State: \$0 Local: \$281,134	PE ROW IMPL  TOTAL	\$138,879 \$55,770 \$1,211,023  \$1,405,672	\$138,879 \$0 \$0  \$138,879	\$0 \$55,770 \$0  \$55,770	\$0 \$0 \$1,211,023  \$1,211,023	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$1,405,672				
8054-16 New	GRANTWOOD VILLAGE GRANT ROAD GRAVOIS ROAD TO PARDEE ROAD RESURFACING - LIGHTING LENGTH (mi): 0.9 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Roadway Shoulders Roadway Lighting  Federal: \$409,600 State: \$0 Local: \$102,400	PE ROW IMPL  TOTAL	\$79,000 \$0 \$433,000  \$512,000	\$79,000 \$0 \$0  \$79,000	\$0 \$0 \$433,000  \$433,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$512,000				
8019-16 New	GREEN PARK GREEN PARK ROAD LIN VALLE DRIVE TO EAST OF GREEN PARK INDUSTRIAL DR RECONSTRUCTION - SHARED USE PATH (8') LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Bicycle Facilities Pedestrian Facility  Federal: \$1,126,556 State: \$0 Local: \$281,639	PE ROW IMPL  TOTAL	\$150,000 \$80,000 \$1,178,195  \$1,408,195	\$150,000 \$0 \$0  \$150,000	\$0 \$80,000 \$0  \$80,000	\$0 \$0 \$1,178,195  \$1,178,195	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$1,408,195				
8205-16 New	KIRKWOOD KIRKWOOD ROAD MANCHESTER ROAD TO BIG BEND BOULEVARD SIGNAL OPTIMIZATION - INTERCONNECT - UPGRADE SIGNALS LENGTH (mi): 2.3 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression Traffic Signals  Federal: \$3,974,409 State: \$0 Local: \$1,093,603	PE ROW IMPL  TOTAL	\$522,772 \$25,000 \$4,520,240  \$5,068,012	\$522,772 \$0 \$0  \$522,772	\$0 \$25,000 \$4,520,240  \$4,545,240	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
					ESTIMATED TOTAL PROJECT COST: \$5,068,012				

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8084-16 New	MANCHESTER SPRING MEADOWS DRIVE BRIDGE OVER GRAND GLAIZE CREEK REPLACE BRIDGE - SIDEWALK LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) Sidewalks	PE ROW IMPL	\$140,000 \$20,000 \$670,000	\$140,000 \$0 \$0	\$0 \$20,000 \$0	\$0 \$0 \$670,000	\$0 \$0 \$0
			Federal: \$664,000 State: \$0 Local: \$166,000	TOTAL	\$830,000	\$140,000	\$20,000	\$670,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$830,000					
8026-17 New	MARYLAND HEIGHTS CREVE COEUR MILL ROAD MO 141 TO PRICHARD FARM ROAD OVERLAY LENGTH (mi): 0.88 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Culvert	PE ROW IMPL	\$20,000 \$0 \$440,000	\$20,000 \$0 \$0	\$0 \$0 \$440,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$352,000 State: \$0 Local: \$108,000	TOTAL	\$460,000	\$20,000	\$440,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$460,000					
8220-16 New	MODOT MO 340 CORRIDOR IMPROVEMENTS CHESTERFIELD PARKWAY TO S/O EB I-64 ON/OFF RAMP CHANNELIZATION - INTERSECTION IMPROVEMENTS LENGTH (mi): 0.53 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Left-turn lanes Right-turn lanes	PE ROW IMPL	\$197,470 \$305,000 \$2,757,875	\$197,470 \$305,000 \$0	\$0 \$0 \$2,757,875	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$2,608,276 State: \$652,069 Local: \$0	TOTAL	\$3,260,345	\$502,470	\$2,757,875	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$3,260,345					
8032-17 New	ST. ANN ASHBY RD. MILL & OVERLAY INTERNATIONAL PLAZA TO BALTIMORE AVE RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.7 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Intersection Improvement Pedestrian Facility	PE ROW IMPL	\$119,279 \$161,250 \$1,043,695	\$0 \$0 \$0	\$119,279 \$0 \$0	\$0 \$161,250 \$0	\$0 \$0 \$1,043,695
			Federal: \$1,059,380 State: \$0 Local: \$264,844	TOTAL	\$1,324,224	\$0	\$119,279	\$161,250	\$1,043,695
				ESTIMATED TOTAL PROJECT COST: \$1,324,224					
8225-16 New	ST. LOUIS COUNTY 2017 NORTH COUNTY ITS LOCATIONS ALONG ASHBY; BROWN; DORSETT; JENNINGS STN RD LILAC ; NORTH & SOUTH RD; AND MCKELVEY RD LENGTH (mi): 5.95 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE ROW IMPL	\$90,700 \$5,000 \$1,074,900	\$90,700 \$5,000 \$0	\$0 \$0 \$1,074,900	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$932,480 State: \$0 Local: \$238,120	TOTAL	\$1,170,600	\$95,700	\$1,074,900	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,170,600					

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8226-16 New	ST. LOUIS COUNTY 2017 SOUTH COUNTY ITS LOCATIONS ALONG AMBS RD; BUTLER HILL; LEMAY FERRY LINDBERGH BLVD; UNION RD, FORDER RD AND MERAMEC BOTTOM RD LENGTH (mi): 6.8 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE ROW IMPL  Federal: \$783,200 State: \$0 Local: \$200,800	\$76,200 \$5,000 \$902,800  TOTAL \$984,000  ESTIMATED TOTAL PROJECT COST: \$984,000	\$76,200 \$5,000 \$0  \$81,200	\$0 \$0 \$902,800  \$902,800	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
8227-16 New	ST. LOUIS COUNTY 2017 SOUTHWEST COUNTY ITS VARIOUS LOCATIONS ALONG BOWLES AVE; CLAYTON RD; HAWKINS RD AND OLD STATE RD LENGTH (mi): 8.7 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE ROW IMPL  Federal: \$820,240 State: \$0 Local: \$210,060	\$79,800 \$5,000 \$945,500  TOTAL \$1,030,300  ESTIMATED TOTAL PROJECT COST: \$1,030,300	\$79,800 \$5,000 \$0  \$84,800	\$0 \$0 \$945,500  \$945,500	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
8228-16 New	ST. LOUIS COUNTY 2017 WEST COUNTY ITS VARIOUS LOCATIONS ALONG CARMAN RD; CHESTERFIELD PKY W; CONWAY RD; KEHRS MILL RD; MCKNIGHT RD AND WEIDMAN RD LENGTH (mi): 7.3 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE ROW IMPL  Federal: \$882,800 State: \$0 Local: \$228,200	\$86,100 \$5,000 \$1,019,900  TOTAL \$1,111,000  ESTIMATED TOTAL PROJECT COST: \$1,111,000	\$86,100 \$5,000 \$0  \$91,100	\$0 \$0 \$1,019,900  \$1,019,900	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
8080-18 New	ST. LOUIS COUNTY ALLEN ROAD BRIDGE OVER UNION PACIFIC RAILROAD REPLACE BRIDGE LENGTH (mi): 0.15 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL  Federal: \$794,400 State: \$0 Local: \$1,692,660	\$180,900 \$99,560 \$2,206,600  TOTAL \$2,487,060  ESTIMATED TOTAL PROJECT COST: \$2,487,060	\$180,900 \$0 \$0  \$180,900	\$0 \$99,560 \$0  \$99,560	\$0 \$0 \$2,206,600  \$2,206,600	\$0 \$0 \$0  \$0
8073-17 New	ST. LOUIS COUNTY BIG BEND BOULEVARD (NORTH END) - 2018 I-64 TO DELMAR BOULEVARD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.9 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 5 Lane Pvm Resurfacing 4 Lane Pvm Pedestrian Facility  Federal: \$2,250,000 State: \$0 Local: \$1,327,600	PE ROW IMPL  TOTAL \$3,577,600  ESTIMATED TOTAL PROJECT COST: \$3,577,600	\$278,200 \$5,000 \$3,294,400  \$3,577,600	\$0 \$0 \$0  \$0	\$278,200 \$5,000 \$0  \$283,200	\$0 \$0 \$3,294,400  \$3,294,400	\$0 \$0 \$0  \$0

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## TRANSPORTATION IMPROVEMENT PROGRAM

### ATTACHMENT C - RECOMMENDED CMAQ AND STP PROJECTS

COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8072-17 New	ST. LOUIS COUNTY BIG BEND BOULEVARD (NORTH) - 2018 MANCHESTER ROAD (MO 100) TO 100 FEET NORTH OF DALE AVENUE RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.14 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 5 Lane Pvm Pedestrian Facility	PE ROW IMPL	\$256,600 \$5,000 \$3,039,900	\$0 \$0 \$0	\$256,600 \$5,000 \$0	\$0 \$0 \$3,039,900	\$0 \$0 \$0
			Federal: \$2,250,000 State: \$0 Local: \$1,051,500	TOTAL	\$3,301,500	\$0	\$261,600	\$3,039,900	\$0
				ESTIMATED TOTAL PROJECT COST: \$3,301,500					
8075-16 New	ST. LOUIS COUNTY CHESTERFIELD PARKWAY WEST (NORTH) I-64 TO OLIVE BOULEVARD (MO 340) RESURFACING - ADA IMPROVEMENTS - DUAL LEFT AT SWINGLEY LENGTH (mi): 1.05 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Pedestrian Facility Intersection Improvement	PE ROW IMPL	\$163,300 \$5,000 \$1,934,300	\$163,300 \$0 \$0	\$0 \$5,000 \$1,934,300	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$1,500,000 State: \$0 Local: \$602,600	TOTAL	\$2,102,600	\$163,300	\$1,939,300	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$2,102,600					
8077-16 New	ST. LOUIS COUNTY CLAYTON ROAD (EAST) CITY LIMIT OF ST. LOUIS TO HANLEY ROAD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 0.95 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing Pedestrian Facility	PE ROW IMPL	\$215,900 \$5,000 \$2,556,900	\$215,900 \$5,000 \$0	\$0 \$0 \$2,556,900	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$2,218,240 State: \$0 Local: \$559,560	TOTAL	\$2,777,800	\$220,900	\$2,556,900	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$2,777,800					
8071-18 New	ST. LOUIS COUNTY JENNINGS STATION ROAD (NORTH) 260 FEET SOUTHWEST OF HORD AVENUE TO HALLS FERRY ROAD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 0.69 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing Pedestrian Facility	PE ROW IMPL	\$160,500 \$5,000 \$1,901,700	\$0 \$0 \$0	\$0 \$0 \$0	\$160,500 \$5,000 \$0	\$0 \$0 \$1,901,700
			Federal: \$1,649,760 State: \$0 Local: \$417,440	TOTAL	\$2,067,200	\$0	\$0	\$165,500	\$1,901,700
				ESTIMATED TOTAL PROJECT COST: \$2,067,200					
8078-17 New	ST. LOUIS COUNTY LACLEDE STATION ROAD 400 FEET NORTH OF WEIL AVENUE TO NEWPORT AVENUE RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 0.6 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Pedestrian Facility Intersection Improvement	PE ROW IMPL	\$149,600 \$5,000 \$1,771,300	\$0 \$0 \$0	\$149,600 \$5,000 \$0	\$0 \$0 \$1,771,300	\$0 \$0 \$0
			Federal: \$1,536,720 State: \$0 Local: \$389,180	TOTAL	\$1,925,900	\$0	\$154,600	\$1,771,300	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,925,900					

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8081-17 New	ST. LOUIS COUNTY LEWIS ROAD BRIDGE OVER UNION PACIFIC RAILROAD REPLACE BRIDGE LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL  Federal: \$794,400 State: \$0 Local: \$1,706,620	\$187,500 \$93,120 \$2,220,400  TOTAL \$2,501,020  ESTIMATED TOTAL PROJECT COST: \$2,501,020	\$187,500 \$0 \$0	\$0 \$93,120 \$2,220,400	\$0 \$0 \$0	\$0 \$0 \$0
8069-18 New	ST. LOUIS COUNTY MEHL AVENUE/PATTERSON ROAD - 2019 LEMAY FERRY ROAD (US 61-67) TO YAEGER ROAD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.71 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 3 Lane Pvm Resurfacing 2 Lane Pvm Pedestrian Facility  Federal: \$1,509,440 State: \$0 Local: \$382,360	PE ROW IMPL  TOTAL \$1,891,800  ESTIMATED TOTAL PROJECT COST: \$1,891,800	\$146,900 \$5,000 \$1,739,900  \$1,891,800	\$0 \$0 \$0	\$0 \$0 \$0	\$146,900 \$5,000 \$0	\$0 \$0 \$1,739,900
8074-17 New	ST. LOUIS COUNTY NORTH HANLEY ROAD - 2019 ST. CHARLES ROCK RD (MO 180) TO NATURAL BRIDGE RD (MO 115) RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.04 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Pedestrian Facility  Federal: \$1,854,160 State: \$0 Local: \$468,540	PE ROW IMPL  TOTAL \$2,322,700  ESTIMATED TOTAL PROJECT COST: \$2,322,700	\$180,500 \$5,000 \$2,137,200  \$2,322,700	\$0 \$0 \$0	\$180,500 \$0 \$0	\$0 \$5,000 \$0	\$0 \$0 \$2,137,200
8068-17 New	ST. LOUIS COUNTY ST. CHARLES ROCK ROAD (WEST) - 2019 TAUSSIG ROAD TO EARTH CITY EXPRESSWAY (MO 141) RESURFACING LENGTH (mi): 1.31 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvm Intersection Improvement  Federal: \$1,809,800 State: \$0 Local: \$452,450	PE ROW IMPL  TOTAL \$2,262,250  ESTIMATED TOTAL PROJECT COST: \$2,262,250	\$164,700 \$88,750 \$2,008,800  \$2,262,250	\$0 \$0 \$0	\$164,700 \$0 \$0	\$0 \$88,750 \$0	\$0 \$0 \$2,008,800
8067-18 New	ST. LOUIS COUNTY WEST ADAMS AVENUE/BALLAS ROAD - 2019 GEYER ROAD TO DOUGHERTY FERRY ROAD. RESURFACING LENGTH (mi): 1.93 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm  Federal: \$1,062,720 State: \$0 Local: \$270,680	PE ROW IMPL  TOTAL \$1,333,400  ESTIMATED TOTAL PROJECT COST: \$1,333,400	\$103,400 \$5,000 \$1,225,000  \$1,333,400	\$0 \$0 \$0	\$0 \$0 \$0	\$103,400 \$5,000 \$0	\$0 \$0 \$1,225,000

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8085-17 New	SUNSET HILLS LINDBERGH PEDESTRIAN IMPROVEMENTS, PH 1 E WATSON RD/ROTT RD TO EDDIE AND PARK ROAD/W WATSON RD SIDEWALK (6') LENGTH (mi): 0.35 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Sustainable Development	STP-S	Sidewalks Pedestrian Facility Bicycle Facilities  Federal: \$480,000 State: \$0 Local: \$170,000	PE ROW IMPL  TOTAL	\$50,000 \$80,000 \$520,000  \$650,000	\$50,000 \$0 \$0  \$50,000	\$0 \$80,000 \$0  \$80,000	\$0 \$0 \$520,000  \$520,000	\$0 \$0 \$0  \$0
ESTIMATED TOTAL PROJECT COST:						\$650,000			
8051-17 New	WILDWOOD MANCHESTER ROAD STREETSCAPE PHASE 3 EATHERTON ROAD TO TAYLOR ROAD SIDEWALKS (8') - BIKE LN (5') - STORM SEWERS LENGTH (mi): 0.6 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Sidewalks Bicycle Facilities Roadway - Curb & Gutter  Federal: \$1,300,000 State: \$0 Local: \$1,300,000	PE ROW IMPL  TOTAL	\$0 \$0 \$2,600,000  \$2,600,000	\$0 \$0 \$0  \$0	\$0 \$0 \$2,600,000  \$2,600,000	\$0 \$0 \$0  \$0	\$0 \$0 \$0  \$0
ESTIMATED TOTAL PROJECT COST:						\$2,600,000			

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COUNTY: ST. LOUIS CITY

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2016-2019 TOTAL	2016	2017	2018	2019
8037-16 New	ST. LOUIS DELMAR, DEBALIVIERE & LOOP TROLLEY INFRASTRUCTURE RESURFACE DELMAR/DEBALIVIERE, INSTALL TRACK TO MAINT. FACILITY, LIGHTING, TROLLEY CAR REHAB, SIGNAL INTERCONNECT LENGTH (mi): 2.2 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Sustainable Development	STP-S	Transit Capital Imps. Roadway Improvements Resurfacing  Federal: \$5,400,000 State: \$0 Local: \$1,350,000	PE ROW IMPL  TOTAL  ESTIMATED TOTAL PROJECT COST:	\$0 \$0 \$6,750,000  \$6,750,000  \$6,750,000	\$0 \$0 \$6,750,000  \$6,750,000  \$6,750,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8212-16 New	ST. LOUIS I-70 AT BROADWAY (NORTHBOUND) RELOCATE WB OFF RAMP TO CARRIE LENGTH (mi): 0.2 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Congestion	CMAQ	Interchange Revision   Federal: \$1,264,000 State: \$0 Local: \$316,000	PE ROW IMPL  TOTAL  ESTIMATED TOTAL PROJECT COST:	\$200,000 \$0 \$1,380,000  \$1,580,000  \$1,580,000	\$200,000 \$0 \$0  \$200,000  \$200,000	\$0 \$0 \$1,380,000  \$1,380,000  \$1,380,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0
8213-16 New	ST. LOUIS TRAFFIC MANAGEMENT ENHANCEMENTS, PHASE 3 INSTALL TRAFFIC MONITORING CAMERAS, DOWNTOWN SIGNAL OPTIMIZATION, FIBEROPTIC INSTALL, TRAFFIC OP CENTER LENGTH (mi): 60 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression Miscellaneous  Federal: \$3,040,000 State: \$0 Local: \$760,000	PE ROW IMPL  TOTAL  ESTIMATED TOTAL PROJECT COST:	\$675,000 \$0 \$3,125,000  \$3,800,000  \$3,800,000	\$675,000 \$0 \$0  \$675,000  \$675,000	\$0 \$0 \$3,125,000  \$3,125,000  \$3,125,000	\$0 \$0 \$0  \$0  \$0	\$0 \$0 \$0  \$0  \$0