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Executive Director
James M. Wild

TO: Transportation Planning Committee - Missouri Members

FROM: East-West Gateway Staff

DATE: April 29, 2016

SUBJECT: Wednesday, May 4, 2016 meeting

The next meeting of the Missouri subcommittee of the Transportation Planning Committee (TPC) is scheduled for **Wednesday, May 4, 2016 at 2:00 p.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:

TENTATIVE AGENDA

1. Call to order
2. Bi-State/Metro – Project updates
3. Where We Stand Update: Seniors and Aging – Mary Rocchio
4. FY 2016-2019 Transportation Improvement Program (TIP) – Section 5310 amendment – Rachael Pawlak – **ACTION ITEM**
5. Transportation Safety Update – Anna Musial
6. Draft Coordinated Human Services Transportation Plan – Rachael Pawlak
7. FY 2017-2020 TIP – Local program project recommendations - Surface Transportation Program/Congestion Mitigation & Air Quality Improvement Program - Jason Lange – **ACTION ITEM**
8. Reasonable Progress – Melissa Theiss
9. Other Business

- Next Meeting Scheduled for Wednesday,
June 1, 2016, 2 PM

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Missouri Transportation Planning Committee Meeting Notes –

May 2016

The Missouri Transportation Planning Committee (TPC) Meeting was held in the Council offices on Wednesday, May 4, 2016 at 2:00 p.m.

Members in Attendance

Jason Jonas, Jefferson County

Ted Medler, St. Louis County

Wesley Stephen, MoDOT

Ron Williams, Franklin County

Jessica Mefford-Miller, Metro

Tracy Beidleman, BSDA/Metro

Mike Henderson, MoDOT

Grave Kyung, Trailnet

John Greifzu, Director of Transportation, St. Charles County

Rich Bradley, City of St. Louis/BPS

Steve Ables, St. Louis County Municipal League

Members Absent

Hart Nelson, St. Louis Regional Chamber

Craig Tajkowski, St. Charles County

Maurice Falls, St. Louis

Others in Attendance:

John Kohler – City of St. Louis

Craig Heller – Downtown STL, Inc.

EWGCOG Staff:

Mary Rocchio, Jason Lange, Larry Grither, Melissa Theiss, Rachael Pawlak, Anna Musial, Jerry Blair

CALL TO ORDER

The meeting was called to order by Jason Jonas, Chair.

ITEMS

Evolving the Metro Transit System – Jessica Mefford-Miller presented project updates on the North County and Civic Center Transit Centers. Because of the region's increasingly dispersed travel patterns, Metro is evolving its service to strengthen the hub and spoke transit model since it has shown to be the most efficient and cost-effective. The Long Range Plan has opportunities for light rail or Bus Rapid Transit (BRT) in high-density corridors, but currently focusing on main lines as spine of system and transit centers as the hub where multiple lines converge. Metro is looking to reduce inconvenience of transferring and to create a more positive user experience. As such, Metro is monitoring service quarterly and evolving bus service since it is more flexible, and providing better customer information by adding to the system's technology network every 6 months.

North St. Louis County accounts for 20% of Metro ridership, but had no fixed infrastructure other than North Hanley MetroLink station. Planning for the North County Transit Center began in 2009, and was funded primarily through Congestion Mitigation and Air Quality (CMAQ). It is located at 3140 Pershall Road and is a key location for the residential market around I-270. There is more demand for off-peak service at this location – weekend, afternoons – and bus service has been adjusted to reflect that. Metro hosting public engagement series and is coordinating with major employers to meet these needs. There is now an express route downtown and service to Clayton 7 days a week. The facility itself has the highest-level passenger amenities on the Metro system – indoor wait area, parking, restrooms, covered outdoor wait areas, real time arrival info, and soon food/beverage service.

Construction began in April on the Civic Center Transit Center. There will be no dramatic bus service change, but the inefficient design will be corrected with tripled bus bay capacity. Construction should take about a year and a half, with the center expected to open in late spring or early summer 2017. The Civic Center will also include an indoor wait area and restrooms, and both transit centers will have public safety substations.

Metro has no plans for new transit centers after the Civic Center. Sales taxes are the primary funding source for transit service and state funds are sorely lacking, so federal funds will be needed for any major new projects.

Where We Stand Update: Seniors and Aging – Mary Rocchio presented an overview of the recent Where We Stand (WWS) update showing the rapid growth of the senior (65+) population in the St. Louis region. The region ranks above the national average in proportion of seniors to general population. Between 2014-2045 there is a projected 77% increase in the senior population. Annual increases in the senior population have been getting larger since 1990 but by 2030-2045 are expected to taper off since baby boomers will have all reached age 65. Growth in the senior population is not consistent across region – there has been larger increases in outlying, rural counties, and a decrease in St. Louis City.

A recent AARP survey showed that 90% of seniors want to age in their own home, so there is a challenge in how to facilitate this. Housing is essential, although the number of seniors that are housing burdened is low in the St. Louis region due to housing affordability. The number of seniors without vehicles is on par with the national average, but there is a lack of transportation options in outlying areas, which is problematic since these are the areas with the highest growth. The full report is available online.

FY 2016-2019 Transportation Improvement Program (TIP) – Section 5310 amendment– ACTION ITEM – Rachael Pawlak presented the recommended projects from the recent Section 5310 solicitation. Federal law requires that 55% of funds be

spent on traditional projects, and the other 45% can be spent on New Freedom projects. EWG released a solicitation in February 2016, with applications due April 5. An informational workshop was also held in February 2016, in conjunction with Metro and MODOT.

Seventeen traditional applications were received requesting 40 vehicles for \$1.3 million. Seven New Freedom applications were received requesting \$1.3 million in federal funds. Applications were evaluated according to the Coordinated Human Services Plan (CHSP) and staff recommends approval of acquisition of 23 vehicles by 15 service providers (non-profit organizations) totaling just under \$774,000 and five New Freedom projects totaling \$656,000. These recommendations will be presented to the Executive Advisory Committee (EAC) and Board of Directors later this month.

Move – Ted Medler, Second – John Greifzu. Motion carries.

Transportation Safety Update – Anna Musial presented a brief overview of the Transportation Safety update that she has been collaborating on with the St. Louis Blueprint Coalition, coordinated through MODOT. They have been working to create a teen driver safety program in Missouri, modeled after the national Save A Life Tour. This program has been successful in educating teens about potentially deadly behind the wheel behaviors. It is unique in its approach that combines a day-long series of events including a video presentation, victim impact story, and simulators for distracted and intoxicated driving to keep teens engaged. In March, a pilot program was launched at Mehlville, Oakville, and Pattonville High Schools. The Blueprint Coalition was happy with the result, but wants to make a few changes, and hopes to implement the program for the 2016-2017 school year.

Draft Coordinated Human Services Transportation Plan – Rachael Pawlak presented the draft plan. The purpose of the plan is to identify and prioritize mobility strategies for two target populations – seniors and individuals with disabilities. EWG is

responsible for updating every 4 years, and it was last updated in July 2012. The plan must be updated to retain eligibility for Section 5310 funding.

Thirty-five agencies helped develop the plan. The process started in September and an inventory survey was sent out in October (56 responses). The first stakeholder meeting was held on November 10 and the next was held in February. A prioritization survey was also sent out in February (30 responses). The draft report was developed in March and presented to stakeholders in April with the entire month to comment. The draft plan has been online since May 2 and will be open for public comment until June 13. A public open house is scheduled for May 27 and the draft plan will go to the Executive Advisory Committee and Board of Directors later this month. Projects selected for 5310 funding are prioritized based on the plan's framework and the project's responsiveness to the gaps and strategies identified.

FY 2017-2020 TIP – Local program project recommendations - Surface Transportation Program/Congestion Mitigation & Air Quality Improvement

Program – ACTION ITEM – Jason Lange reviewed the Missouri applications submitted and federal funding available. EWG had a call for project applications in December 2015, with applications due on March 3, 2016. A summary of the 118 applications received has been posted online since shortly after that date and there was a public comment period online from March 22 through April 20. Fifty comments were received, the most being 18 comments for a sidewalk project in Festus, and nine comments for a project in Olivette that included sidewalks. Overall, 36 comments related to the addition of sidewalks.

Eighty-six Missouri STP applications were received, requesting approximately \$86.9 million in federal funds. Two-thirds had preservation as the priority area. There is \$46 million available to program. Four staff members evaluated and visited projects, based on the six priority areas in the application. Points were also assigned based on usage, such as ADT, length, and facility type. In addition, there is a maximum of two projects per city, and a minimum of at least one per county. Recommended STP projects are

listed in Attachment A. One change is that St. Louis County has withdrawn their Airport Road project and replaced it with the JS McDonnell Blvd project, which was a higher priority for them. The federal funds requested was the same. The City of Des Peres requested a one-time 10% funding increase due to flood issues for further study. Staff recommends approval of projects up to the funding cut-off of \$45.7 million and the 10% increase for the City of Des Peres.

Q: John Greifzu asked how call-a-ride vehicle replacement is scored for preservation on the project applications in comparison to road projects.

A: Jason Lange responded that preservation scores are based on the service life of the vehicle in years and/or mileage. The transit track in the application also scores other areas such as access to opportunity and sustainable development, where vehicle replacement projects typically score well.

Q: Greifzu asked if ridership comes into play like ADT does for road projects.

A: Lange responded that yes, ridership does come into play.

Q: John Kohler asked if the STP application is being revamped, what the status is on that, and if the Local Public Agencies (LPAs) will be consulted early on in the process. He also expressed concern that questions on ADT in the current application are problematic, vehicle-centric, and a barrier to walkability projects.

A: Jason Lange responded that EWG is currently in the process of updating the STP application and will be consulting LPAs for stakeholder meetings and feedback early on. The new application will have six different project types or tracks to apply under – Road/Bridge, Active Transportation, Economic Development/Freight, Traffic Flow/Congestion, Safety, and Transit – so that different project types align with the Long Range Plan and can compete against each other. The goal is to have the application ready to go for the next round of funding.

Q: Greifzu expressed concern that 16% of funds going to Metro when they account for only 5% of regional trips is unfair. Van purchases in particular have a small capacity and are serving a small population. Metro has other sources of funding.

A: Jerry Blair responded that Metro/transit projects are regional in scope, serving both the City and County, just in a different way. These projects are providing transportation

to disadvantaged groups/individuals that may not have other options for necessary trips. Not all roads serve higher populations, so that is a false comparison.

A: Jessica Mefford-Miller added that Metro uses vehicles well beyond the standard service life. As part of their plan, Metro applies for replacements in small batches each year to make it easier to maintain, rather than a huge replacement less often.

Move – Jessica Mefford-Miller, Second – John Greifzu. Motion carries.

EWG received 32 CMAQ applications requesting \$41.8 million, and have \$27.8 million available. The FAST Act mandates that 25% of projects target particulate matter reduction. Projects are evaluated based on emission reductions and federal cost per ton of emissions reduced. Staff recommends approval of projects up to the funding cut-off of \$27.4 million. Following this meeting, the draft list of recommended projects will go to the Board of Directors later this month, draft TIP in June, public comment in July, and final approval in August.

Q: Ted Medler asked for more detail on the Jefferson County Port Authority CMAQ marine engine project.

A: Jason Lange responded that the project is replacing three marine engines. The project is allowed under the law and falls under particulate matter reduction and a public-private partnership. These projects often have the biggest bang for your buck and by stipulation have to stay within the region.

Move – John Greifzu, Second – Jessica Mefford-Miller. Motion carries.

Reasonable Progress – Melissa Theiss presented an update to Reasonable Progress. As of May 1, just over \$31 million in federal funds have been obligated, representing 34% of total funds programmed in FY16. In April alone, 12 projects obligated funds, totaling \$3.3 million. April ended with 51 projects with construction funds programmed in FY16 that have not yet obligated. With 5 months left in the current fiscal year, these projects are eligible for a one-time schedule extension. Project sponsors were notified

last week via email and regular mail about the process to request a schedule extension. The deadline for sponsors to submit those requests is June 1. After that point, staff will review the requests and final decisions will be announced after the June 29 Board meeting.

Other Business

Next Meeting Scheduled for Wednesday, June 1, 2016, 2 PM

Meeting Adjourned.



EAST-WEST GATEWAY
Council of Governments

Creating Solutions Across Jurisdictional Boundaries

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Illinois Department of Commerce
and Economic Opportunity
Executive Director
James M. Wild

To: Missouri Transportation Planning Committee
From: Council Staff
Date: April 29, 2016
Subject: FY 2017-2020 Transportation Improvement Program (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 17, 2015. A Project Development Workshop took place on January 6, 2016. This workshop provided additional information on the project application process and requirements to complete an application. A Project Review Workshop was held on February 4 and 11, which gave project sponsors an opportunity to present their project to a panel representing EWG, MoDOT, Metro, and Trailnet. The panel offered feedback to project sponsors on the proposed applications. The project solicitation process concluded on March 3, 2016 when project applications were due.

Surface Transportation Program - Suballocated

Submitted Projects

Local Public Agencies submitted 86 project applications, requesting approximately \$86.9 million in federal funds for consideration through the STP funding program.

Table A shows the breakdown of submitted projects by county.

Table A			
FY 2017-2020 TIP – Missouri Local Program – STP			
Submitted Projects – By County			
County	# of Projects	Total \$	Federal \$
Franklin	7	\$4,493,083	\$3,372,041
Jefferson	14	\$9,696,517	\$6,497,584
Multi-County	2	\$2,890,000	\$2,312,000
St. Charles	17	\$46,422,006	\$22,233,292
St. Louis	43	\$65,851,555	\$45,679,865
St. Louis City	3	\$9,222,300	\$6,760,000
Total	86	\$138,575,461	\$86,854,782

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The project applications are categorized to a primary priority area. These six priority areas include preservation, safety, congestion, access to opportunity, sustainable development, and goods movement. Approximately 67% of the submitted projects have a preservation priority. **Table B** shows the breakdown of submitted projects by priority area.

Table B			
FY 2017-2020 TIP – Missouri Local Program			
Submitted Projects – By Project Type			
Priority Area	# of Projects	Total \$	Federal \$
Preservation	58	\$86,334,733	\$57,806,684
Safety	10	\$34,302,962	\$18,270,087
Congestion	2	\$4,065,000	\$2,996,000
Access to Opportunity	15	\$12,437,547	\$6,633,836
Sustainable Development	1	\$1,435,219	\$1,148,175
Goods Movement	0	\$0	\$0
Total	86	\$138,575,461	\$86,854,782

Available Funding

President Obama signed the Fixing America’s Surface Transportation (FAST) Act on December 4, 2015. The FAST Act is the first five-year transportation authorization since 2005. The FAST Act gives additional certainty for transportation funding over the previous extensions that were typically a couple of months.

Due to the passage of the FAST Act, estimates for funding were not available at the time of the project solicitation. Funding amounts were not available at the Metropolitan Planning Organization level until after the application deadline. Approximately \$46 million is available for STP programming.

Evaluation and Ranking of Projects

Council staff evaluates projects in each of the six priority areas which are consistent with the region’s long-range transportation plan, *Connected2045*. Projects are assigned to a priority area based on the project type. Project scores are based on how projects address each of the six priority areas. Sponsors can gain additional points based on utilization and facility improvements. Once the final score for projects is determined, the projects’ cost effectiveness is calculated. Cost effectiveness is determined by dividing the annualized federal cost of the projects by the final score.

Projects are then ranked based on the cost-effectiveness score. Each county is guaranteed at least one project. In addition, each municipality can only be awarded up to two projects. All projects must be consistent with clean air requirements, establish financial commitment, and demonstrate a reasonable degree of political and

community support.

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.

Table C FY 2017-2020 TIP – Missouri Local Program Recommended STP Projects			
County	#	Total \$	Federal \$
Franklin	5	\$3,567,235	\$2,653,239
Jefferson	14	\$9,696,517	\$6,497,584
Multi-County	2	\$2,890,000	\$2,312,000
St. Charles	6	\$14,083,208	\$6,352,126
St. Louis	30	\$35,585,280	\$23,404,506
St. Louis City	2	\$6,100,000	\$4,440,000
TOTAL	59	\$71,922,240	\$45,659,455

Funding Increase Request – STP Projects

One sponsor submitted a request for a one-time ten percent funding increase for a project in the FY 2016-2019 TIP. The increase request is summarized in **Table D**. Staff recommends additional funding for this project.

Table D – Funding Increase Request – FY 2017-2020 TIP			
Sponsor/ TIP #	Description	Reason for Increase - Increase Requested	Action
Des Peres/ 6309-15	Oak Drive bridge over Two Mile Creek	Preliminary hydrologic investigation indicates 100 year flood data is erroneous. Request for study to revise/correct flood mapping - \$51,818 increase	Approval

Congestion Mitigation and Air Quality Improvement Program

Submitted Projects

The CMAQ program provides funding 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 \$41.8 million in federal funds for consideration. **Table E** on the next page shows the breakdown of submitted projects by county.

Table E			
FY 2017-2020 TIP – Missouri Local Program – CMAQ			
Submitted Projects – By County			
County	# of Projects	Total \$	Federal \$
Franklin	1	\$709,106	\$493,935
Jefferson	3	\$4,044,288	\$2,867,957
St. Charles	11	\$21,578,852	\$16,071,923
St. Louis	7	\$12,985,428	\$8,750,072
St. Louis City	2	\$1,985,620	\$1,588,496
Multi-County-M	7	\$14,517,319	\$11,060,596
Multi-State	1	\$960,000	\$960,000
Total	32	\$56,780,613	\$41,792,979

Available Funding

Due to the passage of the FAST Act, estimates for funding were not available at the time of the project solicitation. Funding amounts were not available at the Metropolitan Planning Organization level until after the application deadline. Approximately \$27 million is available for CMAQ programming.

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_{2.5}). The FAST Act mandates that at least 25 percent of CMAQ funds be used for projects targeting PM_{2.5} reductions. It also highlights diesel retrofits and port related equipment and vehicles as eligible projects to mitigate PM_{2.5}. Other CMAQ eligibilities include public transit, bicycle and pedestrian facilities, travel demand management strategies, alternative fuel vehicles, facilities serving electric or natural gas-fueled vehicles (except where this conflicts with prohibition on rest area commercialization) and a new explicit eligibility for vehicle-to-infrastructure communication equipment.

Once projects are ranked relative to cost per ton of emissions reduced, the establishment of project priorities and the selection of projects for funding in the CMAQ program are a direct result of a project's cost effectiveness, and the availability

of local, federal and other funding. Projects that result in increased emissions are not eligible for CMAQ.

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

Table F			
FY 2017-2020 TIP – Missouri Local Program – CMAQ			
Recommended Projects – By County			
County	# of Projects	Total \$	Federal \$
Franklin	0	\$0	\$0
Jefferson	0	\$0	\$0
St. Charles	5	\$6,304,254	\$5,043,403
St. Louis	7	\$12,985,428	\$8,750,072
St. Louis City	2	\$1,985,620	\$1,588,496
Multi-County-M	7	\$14,517,319	\$11,060,596
Multi-State	1	\$960,000	\$960,000
Total	22	\$36,752,621	\$27,402,567

Public Comment

Project information from the 118 CMAQ and STP-S applications was posted on EWG's website for public comment. The public comment period was from March 22 through April 20. A total of 50 comments were received on project applications. Most of the comments (18) were for a sidewalk project in Festus. The second most (9) were for a resurfacing project in Olivette on Dielman Road and the comments referred to the sidewalk being constructed along the road as part of the application. Overall 36 out of the 50 comments were for support of sidewalks. **Attachment C** shows a summary of comments received.

Project Recommendations – STP and CMAQ

Staff recommends that the projects identified on **Attachment D** and the ten percent increase (\$51,818) for the City of Des Peres be included in the draft FY 2017-2020 TIP. **Table F** shows all of the project recommendations by county. A list of recommended projects will be provided to the Board of Directors at its May meeting prior to the document being released to the public. The public comment period for the draft TIP will be from July 1 through August 10. The TIP will be submitted to the Board of Directors for final approval on August 31, 2016.

Table F							
FY 2017-2020 TIP – Missouri Local Program Recommendations – By County							
	STP		CMAQ		All Programs		
County	#	\$ Federal	#	\$ Federal	#	\$ Federal	% of Federal Funding
Franklin	5	\$2,653,239	0	\$0	5	\$2,653,239	3.6%
Jefferson	14	\$6,497,584	0	\$0	14	\$6,497,584	8.9%
St. Charles	6	\$6,352,126	5	\$5,043,403	11	\$11,395,529	15.6%
St. Louis	30	\$23,404,506	7	\$8,750,072	37	\$32,154,578	44.0%
St. Louis City	2	\$4,440,000	2	\$1,588,496	4	\$6,028,496	8.3%
Multi-County-M	2	\$2,312,000	7	\$11,060,596	9	\$13,372,596	18.3%
Multi-State	0	0	1	\$960,000	1	\$960,000	1.3%
Total	59	\$45,659,455	22	\$27,402,567	81	\$73,062,022	100.0%

Attachment A

FY 2017-2020 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
Recommended for funding - Surface Transportation Program - Suballocated								
8080	St. Louis	University City	Kingsland Avenue Alley Bridge -- Over Ne Branch Of River Des Peres Replace Bridge	Preservation	\$132,000	\$165,000	\$85.17	\$132,000
8042	St. Louis	Manchester	Howard George Drive Bridge -- Over Grand Glaize Creek Bridge Rehabilitation - ADA Improvements	Preservation	\$300,000	\$375,000	\$202.63	\$432,000
8023	St. Louis	Fenton	Larkin Williams Road -- Yarnell Intersection To Wolfner Dr Resurfacing - Pedestrian Improvements	Preservation	\$188,000	\$285,000	\$220.09	\$620,000
8008	Multi-County-M	Bi-State Development/Metro	Call-A-Ride Van Replacement - B -- Replace Eight Call-A-Ride Vans	Preservation	\$1,088,000	\$1,360,000	\$222.99	\$1,708,000
8009	Multi-County-M	Bi-State Development/Metro	Call-A-Ride Van Replacement - A -- Replace Nine Call-A-Ride Vans	Preservation	\$1,224,000	\$1,530,000	\$222.99	\$2,932,000
8026	St. Louis	Florissant	St. Ferdinand Street -- N Highway 67 To St. Ferdinand Park Sidewalk (5')	Access to Opportunity	\$156,750	\$205,937	\$264.77	\$3,088,750
8078	Franklin	Union	Memorial Parkway Bridge Replacement Project -- Over Branch Of Flat Creek Replace Bridge - ADA Improvements	Preservation	\$514,132	\$747,090	\$277.44	\$3,602,882
8031	Jefferson	Jefferson County	Doc Sargent Bridge -- Over Labarque Creek Bridge Replacement	Preservation	\$595,714	\$744,643	\$330.99	\$4,198,596
8084	St. Louis	Webster Groves	Marshall Road -- N. Bompert Ave To Big Bend Blvd Resurfacing - Sidewalk (5') Big Bend To Lac Stn - ADA Impr	Preservation	\$435,528	\$609,851	\$363.57	\$4,634,124
8049	St. Louis	Olivette	Dielman Road -- Tamarack Dr To Fairwinds Ct Resurfacing - Sidewalks (5') - ADA Improvements	Preservation	\$466,642	\$667,298	\$409.41	\$5,100,766
8052	St. Louis	St. Ann	Old St. Charles Road -- Adie Rd To Lindbergh Blvd Resurfacing	Preservation	\$337,420	\$421,775	\$441.69	\$5,438,186
8037	Jefferson	Jefferson County	Whitehead Road Bridge -- Over Tributary Of Cotter Creek Bridge Replacement	Preservation	\$535,520	\$669,400	\$443.86	\$5,973,706
8003	St. Charles	O'fallon	Bryan Road, Phase 3 -- Norwood Hills Dr To Feise Rd Slab Replacement	Preservation	\$840,000	\$1,050,000	\$447.93	\$6,813,706
8076	Franklin	Sullivan Special Road District	Spring Bluff Road -- Over Spring Creek Replace Bridge	Preservation	\$505,787	\$736,313	\$451.65	\$7,319,493
8032	Jefferson	Jefferson County	East Four Ridge Road -- Old Lemay Ferry Rd To 800' East Of Old State Rt 21 Resurfacing	Preservation	\$134,400	\$168,000	\$455.26	\$7,453,893
8081	St. Louis	Valley Park	Dougherty Ferry Road -- Country Stone Dr (City Limits) To Big Bend Rd Overlay - Sidewalk (5') - Slab Replacement	Preservation	\$494,136	\$617,670	\$469.03	\$7,948,029
8041	St. Louis	Manchester	Dougherty Ferry Road -- 150' S/O Charleston Place Ct To 150' S/O Country Stone Dr Resurfacing - Realignment - ADA Improvements	Preservation	\$515,320	\$644,150	\$469.89	\$8,463,349
8034	Jefferson	Jefferson County	Old Antonia Road -- Old Highway M To West Of Imperial Main Resurfacing	Preservation	\$202,880	\$253,600	\$485.10	\$8,666,229
8025	Jefferson	Festus Special Road District	Old Hwy A -- Western City Limit At The Rr Tracks To Mo A Resurfacing	Preservation	\$285,296	\$413,716	\$497.01	\$8,951,525
8030	Jefferson	Jefferson County	Charter Church Road Bridge -- Over Plattin Creek At Mitch Sweet Rd Bridge Replacement	Preservation	\$904,648	\$1,130,810	\$502.64	\$9,856,173
8016	Jefferson	Crystal City	Maple Street -- Bailey Rd To Walnut St Upgrade Sidewalks (5') - Lighting	Access to Opportunity	\$197,824	\$306,443	\$505.12	\$10,053,997
8083	St. Louis	Vinita Park	North And South Road Sidewalk, Phase 1 -- Midland Blvd To Page Ave Sidewalk (5') - ADA Improvements	Access to Opportunity	\$400,000	\$500,000	\$507.72	\$10,453,997
8058	Franklin	St. Clair	Paul Parks Drive And St. Clair Plaza Sidewalks -- Paul Parks Dr: Commercial To St. Clair Plaza St Clair Plaza : Parks To Mo 47 - Sidewalk (5')	Access to Opportunity	\$220,554	\$317,874	\$515.23	\$10,674,551

Attachment A

FY 2017-2020 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
Recommended for funding - Surface Transportation Program - Suballocated								
8071	St. Louis	St. Louis County	Mcknight Road - 2020 -- Clayton Rd To South Of Lay Rd Resurfacing	Preservation	\$678,160	\$852,700	\$532.72	\$11,352,711
8055	St. Charles	St. Charles	West Clay St & Droste Intersection -- Duchesne Dr To West Of First Capitol Dr Resurfacing - Base Repairs - Shared Use Path (8')	Preservation	\$1,000,000	\$6,290,000	\$573.34	\$12,352,711
8036	Jefferson	Jefferson County	Seckman Road -- Old Lemay Ferry Rd To 0.33 Miles East Roundabout - Sidewalks (5') - Pedestrian Improvements	Safety	\$549,600	\$687,000	\$588.71	\$12,902,311
8072	St. Louis	St. Louis County	West Adams - 2019 -- Kirkwood Rd To Geyer Rd Resurfacing - ADA Improvements	Preservation	\$658,320	\$827,900	\$593.23	\$13,560,631
8000	Franklin	Franklin County	Ridge Road Bridge -- Over Winsel Creek Replace Bridge	Preservation	\$686,199	\$857,750	\$612.75	\$14,246,830
8019	St. Charles	Dardenne Prairie	Hanley Road -- Feise Road To 2300' North Reconstruction - Sidewalks (5')	Preservation	\$750,440	\$1,876,100	\$624.20	\$14,997,270
8051	St. Louis	Rock Hill	Kortwright Avenue -- Manchester Rd To Warson Pl Resurfacing - Sidewalks (4') - Whitestone To Warson Tr	Preservation	\$334,343	\$445,791	\$704.98	\$15,331,613
8029	Jefferson	Herculaneum	St. Joseph Street Sidewalk -- Us 61/67 To Joachim Ave Sidewalks (6') - Lighting	Access to Opportunity	\$278,001	\$415,764	\$709.84	\$15,609,614
8082	St. Louis	Valley Park	St. Louis Avenue, Phase 1 -- Seventh Street To The Levee Closure Structure Reconstruction - Sidewalks (5')	Preservation	\$1,052,142	\$1,315,177	\$722.00	\$16,661,756
8022	St. Louis	Fenton	Horan Drive -- Bowles Ave To Larkin Williams Rd Resurfacing - Sidewalks (5')	Preservation	\$1,200,000	\$1,500,000	\$747.93	\$17,861,756
8021	St. Louis	Des Peres	Bopp Road -- Manchester Rd To Northern City Limit Resurfacing - ADA Improvements	Preservation	\$417,719	\$522,148	\$752.52	\$18,279,475
8043	Franklin	New Haven	Downtown Improvements, Phase 1 -- Front St: Olive To Miller; Miller St: Up Rr To Main St Reconstruction - Sidewalks (8') - Streetscaping	Preservation	\$726,567	\$908,208	\$762.04	\$19,006,042
8027	St. Louis	Great Rivers Greenway District	Grant's Trail Extension, Phase 3 -- Weber Rd To Germania Shared Use Path (14') - New Greenway Bridge	Access to Opportunity	\$600,000	\$4,493,799	\$775.02	\$19,606,042
8063	St. Louis	St. Louis County	Baxter Road (South) - 2019 -- Manchester Rd (Mo 100) To Clayton Rd Resurfacing - Shared Use Path (8')	Preservation	\$1,645,866	\$3,052,900	\$785.66	\$21,251,908
8060	St. Louis City	St. Louis	Dr. Martin Luther King Dr -- Newstead Ave To Vandeventer Ave Lighting - Signal Interconnect-Signal Improvements	Preservation	\$1,440,000	\$1,800,000	\$786.59	\$22,691,908
8046	St. Charles	O'fallon	Mexico Road, Phase 3 -- Mo K To Bryan Rd Resurfacing - Pedestrian Bridge- ADA Improvements	Preservation	\$1,848,000	\$2,310,000	\$789.88	\$24,539,908
8028	St. Louis	Green Park	Mueller Road -- Lindbergh Blvd To Green Park Rd Resurfacing - Upgrade Sidewalks (5')	Preservation	\$899,400	\$1,124,250	\$796.95	\$25,439,308
8020	Jefferson	De Soto	Mo N (Rock Road) Sidewalk -- Thomas St To Mo 21 Sidewalks (5')	Access to Opportunity	\$418,825	\$570,650	\$811.24	\$25,858,133
8013	St. Louis	Clayton	Maryland Avenue -- Hanley Rd To Western City Limit (Near Gay) Resurfacing - ADA Improvements	Preservation	\$948,710	\$1,264,947	\$814.76	\$26,806,843
8001	Jefferson	Jefferson County	Old Lemay Ferry Road, Phase 1 -- At East Rock Creek Road Intersection Realignment	Safety	\$1,050,818	\$2,101,638	\$837.00	\$27,857,661
8035	Jefferson	Jefferson County	Old Lemay Ferry Road, Phase 2 -- At Spring Forest Road Intersection And Roadway Realignment - Shoulders (6')	Safety	\$648,899	\$1,297,800	\$848.16	\$28,506,560
8069	St. Louis	St. Louis County	Lucas-Hunt Road (North) - 2020 -- Hord Avenue/Huiskamp Ave To Halls Ferry (Mo Ac) Resurfacing - Bike Ln (5')	Preservation	\$1,744,000	\$2,185,000	\$851.82	\$30,250,560
8024	Jefferson	Festus	Collins Drive -- Mo A To W Main St Sidewalk (5-8') On East Side	Access to Opportunity	\$378,359	\$541,053	\$856.53	\$30,628,919

Attachment A

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Project Submittals (Ordered by Cost-Effectiveness)

ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
Recommended for funding - Surface Transportation Program - Suballocated								
8038	St. Louis	Kirkwood	N. Geyer Road -- Adams Ave To Manchester Rd Resurfacing - Curb And Gutter - ADA Improvements	Preservation	\$970,462	\$1,213,077	\$862.18	\$31,599,381
8066	St. Louis	St. Louis County	Clayton Road (West County) - 2019 -- Eatherton Road (Mo 109) To Black Canyon Ct Resurfacing - Slab Replacement - ADA Impr	Preservation	\$988,080	\$1,240,100	\$868.40	\$32,587,461
8073	St. Louis	St. Louis County	Yaeger Road - 2020 -- Ringer Rd To Patterson Rd Resurfacing	Preservation	\$1,106,080	\$1,387,600	\$887.22	\$33,693,541
8079	St. Louis	University City	Bicycle Facilities Improvements, Phase 3 -- Along Various Streets In University City Installation Of Shared Lane Markings And Signage	Access to Opportunity	\$131,128	\$163,910	\$892.26	\$33,824,669
8040	St. Charles	Lake Saint Louis	Lake Saint Louis Blvd, Phase 2 -- Pleasant Meadows Dr To Blue Cove Terrace Resurfacing	Preservation	\$817,686	\$1,022,108	\$902.29	\$34,642,355
8014	St. Louis	Creve Coeur	Emerson Road -- Old Ballas Rd To 1800' South Resurfacing - Curb And Gutter	Preservation	\$444,000	\$657,000	\$904.02	\$35,086,355
8070	St. Louis	St. Louis County	Mckelvey Road, Phase 1 - 2020 -- Ameling Rd To Glenpark Dr Resurfacing - Sidewalk (6') - Shared Use Path (8')	Preservation	\$1,158,640	\$1,655,200	\$921.80	\$36,244,995
8065	St. Louis	St. Louis County	Bayless Avenue - 2020 -- Union Rd To Lemay Ferry Rd Resurfacing - Bike Ln(5') Av H To Lemay Ferry	Preservation	\$1,316,080	\$1,650,100	\$941.61	\$37,561,075
8033	Jefferson	Jefferson County	Hillsboro Valley Park Road -- Williams Creek Rd To St. Louis County Limit Resurfacing	Preservation	\$316,800	\$396,000	\$942.25	\$37,877,875
8005	St. Louis	St. Louis County	Ballas Road - 2020 -- Dougherty Ferry Rd To Manchester Rd (Mo 100) Resurfacing - ADA Improvements	Preservation	\$1,465,520	\$1,836,900	\$946.29	\$39,343,395
8057	St. Charles	St. Charles County	Mo N -- At Weiss Rd Realign Intersection	Safety	\$1,096,000	\$1,535,000	\$962.68	\$40,439,395
8061	St. Louis City	St. Louis	Hall Street, Phase 1 -- E. Grand Ave To Adelaide Ave Reconstruction - Sidewalk (5') - Rd Diet (4 To 2 Ln)	Preservation	\$3,000,000	\$4,300,000	\$968.78	\$43,439,395
8062	St. Louis	St. Louis County	Airport Road - 2019 -- East Of I-170 To West Of North Florissant Rd Resurfacing - ADA Improvements	Preservation	\$2,220,060	\$3,705,100	\$977.08	\$45,659,455
10% Funding Increase								
N/A	Des Peres	St. Louis County	Oak Drive Bridge - Over Two Mile Creek - Replace Bridge	Preservation	\$51,818	\$64,773	N/A	
Not Recommended for funding - Surface Transportation Program - Suballocated								
8077	St. Louis	Town & Country	Topping Road, Phase 1 -- Clayton Rd To Topping Estates Dr / Kent Manor Dr Resurfacing - Shared Use Path (8')	Preservation	\$977,200	\$1,628,667	\$1,004.37	\$46,636,655
8010	St. Louis	Brentwood	Manchester Road -- Brentwood Blvd To Ruth Ave Resurfacing - Sidewalks (5-6') - Curb And Gutter	Preservation	\$1,462,211	\$1,827,764	\$1,005.13	\$48,098,866
8053	St. Charles	St. Charles	South Fairgrounds Road -- Sherbrooke Rd To 200' N Of Mayfair Rd Reconstruction - Sidewalks (5')	Preservation	\$750,000	\$2,990,000	\$1,010.38	\$48,848,866
8067	St. Louis	St. Louis County	Dorsett Road (East) - 2019 -- East Of Progress Pkwy To Old Dorsett Rd Resurfacing - ADA Improvements - Signal Impr	Preservation	\$2,102,460	\$3,509,100	\$1,035.79	\$50,951,326
8006	St. Louis	Ballwin	Holloway Road -- Manchester Rd (Mo 100) To Baxter Rd Resurfacing - ADA Improvements - Curb & Gutter	Preservation	\$1,090,640	\$1,363,300	\$1,049.21	\$52,041,966
8007	Franklin	Berger	Mo B -- 2Nd St To 320' South Of 3Rd St Shoulder - Sidewalk (6') - Curb And Gutter	Access to Opportunity	\$226,954	\$311,038	\$1,058.29	\$52,268,920
8068	St. Louis	St. Louis County	J. S Mcdonnell Boulevard - 2020 -- 470' North Of Campus Pkwy To Lindbergh (Us 67) Resurfacing - Signal Improvements - Bike Ln (5')	Preservation	\$2,447,912	\$3,653,600	\$1,074.04	\$54,716,832
8039	St. Louis	Kirkwood	West Essex Avenue -- N Kirkwood Rd To N Geyer Rd Reconstruction - Upgrade Sidewalks (6')	Preservation	\$1,492,481	\$1,989,975	\$1,092.44	\$56,209,313
8015	St. Louis	Creve Coeur	Mosley Road -- Ladue Rd To Mosley Acres Resurfacing - ADA Improvements	Preservation	\$500,000	\$1,040,800	\$1,097.95	\$56,709,313

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ID No.	County	Sponsor	Project Title/Description	Priority Area	Federal Cost	Total Cost	Cost Effectiveness	Cumulative Federal Cost
Not Recommended for funding - Surface Transportation Program - Suballocated								
8075	St. Charles	St. Peters	Mcclay Road, Phase 2 -- Jungermann Rd To Mcclay Valley Dr Diamond Grind - Signal Improvements - Slab Repl.	Preservation	\$1,068,316	\$1,335,396	\$1,171.22	\$57,777,629
8004	St. Charles	St. Charles	Elm Point Rd -- Elm St To Zumbuhl Rd Reconstruction - Sidewalk Huster To Elm (5') - Shoulders	Safety	\$1,560,000	\$5,200,000	\$1,173.15	\$59,337,629
8002	St. Louis	Ladue	Ladue Road Sidewalk -- Lindbergh Blvd To Price Rd Sidewalk (5')	Access to Opportunity	\$1,685,480	\$2,106,850	\$1,188.83	\$61,023,109
8050	St. Louis	Richmond Heights	Mcknight Road Sidewalk -- Lay Rd To Clayton Rd Sidewalks (6') - Curb And Gutter	Access to Opportunity	\$744,240	\$930,300	\$1,193.65	\$61,767,349
8044	St. Charles	New Melle	Mill Street Sidewalk -- Mo D And Mo Z Sidewalks (5')	Access to Opportunity	\$322,493	\$482,394	\$1,212.02	\$62,089,842
8074	St. Charles	St. Peters	Mcclay Road Resurfacing, Phase 3 -- 200' West Of Mcclay Gardens Dr To Hackmann Rd Slab Replacement - Shared Use Path (11') - Diamond Grind	Preservation	\$1,410,527	\$1,763,159	\$1,322.34	\$63,500,369
8064	St. Louis	St. Louis County	Bayless Avenue Bridge - 2020 -- Over Gravois Creek Replace Bridge - Upgrade Sidewalk (6')	Preservation	\$3,140,240	\$3,925,300	\$1,421.10	\$66,640,609
8045	Franklin	Oak Grove Village	Springfield Road -- 0.1 Mi. West Of Mo 185 To 0.6 Mi. East Of Mo 185 Sidewalks (5')	Access to Opportunity	\$491,848	\$614,810	\$1,423.55	\$67,132,457
8054	St. Charles	St. Charles	Truman Rd -- West Clay St To Norfolk Southern Railroad Reconstruction - Shared Use Path (10') - Fiber	Safety	\$2,550,000	\$5,100,000	\$1,666.53	\$69,682,457
8056	St. Charles	St. Charles County	Mo 364 -- At Gutermuth Rd New Interchange	Congestion	\$1,624,000	\$2,350,000	\$1,726.94	\$71,306,457
8059	St. Louis City	St. Louis	77th Street Improvements -- Washington Ave To Walnut St Signal Improvements - Resurfacing - Lighting	Preservation	\$2,320,000	\$3,122,300	\$2,051.65	\$73,626,457
8011	St. Louis	Chesterfield	I-64 South Outer Road, Phase 1 -- Schoettler Valley Dr To Chesterfield Pkwy East Extend Outer Road - Reconstruction	Sustainable Development	\$1,148,175	\$1,435,219	\$2,145.76	\$74,774,632
8017	St. Charles	Dardenne Prairie	ADA Compliant Ramp And Sidewalk Connections, Ph 1 -- 160 Ramp And Sidewalk Locations Throughout City Sidewalks (5') And Curb Ramps	Access to Opportunity	\$381,380	\$476,725	\$2,211.29	\$75,156,012
8085	St. Louis	Wildwood	Mo 109 Widening -- North Of Mo 100 To New College Avenue Widen 2 To 4 Lanes - Roundabout - Shared Use Path (10')	Safety	\$4,120,000	\$5,150,000	\$2,570.19	\$79,276,012
8012	St. Louis	Chesterfield	Schoettler Road, Phase 1 -- Clayton Rd To Georgetown Rd Reconstruction - Sidewalks (4-5') - Bike Lanes	Safety	\$1,364,320	\$1,705,400	\$2,770.49	\$80,640,332
8018	St. Charles	Dardenne Prairie	Weldon Spring Road -- Technology Dr To N/O Technology Dr (Nr Laboure Ctr) Reconstruction - Roundabout - Shared Use Path (8')	Safety	\$3,890,450	\$9,726,124	\$3,964.27	\$84,530,782
8047	St. Charles	O'fallon	Paul Renaud Blvd -- Sommers Rd To Country Trail Dr 2-Lane Roadway Extension - Sidewalks (5') - Bike Lanes	Congestion	\$1,372,000	\$1,715,000	\$5,194.42	\$85,902,782
Not Recommended for funding - Equity amongst municipalities - No more than two projects per municipality								
8048	St. Charles	O'fallon	St. Matthew Avenue / Eggering -- Egg: Sonderen To St. Matt St. Matt: Eggering To St. Jos Reconstruction - ADA Improvements - Sidewalk Ronnie To Ch	Preservation	\$952,000	\$1,200,000	\$819.80	\$86,854,782

Attachment B

FY 2017-2020 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
Recommended for funding - Congestion Mitigation and Air Quality Improvement Program										
8207 - 18	Multi-County-M	Jefferson County Port Authority	Marine Vessel Engine Repower - 2018 - Repower Three Marine Vessels Serving Mississippi And Missouri Rivers In Non-Attainment Area	0.0267415	0.0015571	0.0012539	\$673,605	\$954,096	\$48.12	\$673,605
8213 - 18	Multi-County-M	MoDOT	Signal Optimization - 2018 - MO 109: Shepard-Legend; MO D: 14th-Schuetz; I-64 Int: Mo DD-Lsl Blvd; Mo 364 Int: Bryan-Arena; I-70 Int: Tucker-Grand & Tr Hughes-Bryan	0.0104180	0.0004721	0.0035183	\$416,000	\$520,000	\$59.70	\$1,089,605
8214 - 19	Multi-County-M	MoDOT	Signal Optimization - 2019 - MO 141: MO 370-US 61; MO 340: Ferg-Manch; I-44 Int: Six Flags-MO 185; I-55 Interchanges: 7th-Mcnuitt; MO K: I-70-I-64	0.0180053	0.0008547	0.0060944	\$740,000	\$925,000	\$61.41	\$1,829,605
8202 - 18	Multi-County-M	Bi-State Development/Terminal RR	Locomotive Retrofits: Mother-Slug Sets - Retrofit Four Locomotives Into Two Mother-Slug Sets Located In Non-Attainment Area Switching Yards	0.0167931	0.0004119	0.0010264	\$1,134,991	\$1,998,223	\$127.39	\$2,964,596
8212 - 17	Multi-County-M	MoDOT	Signal Optimization - 2017 - MO 370 Interchanges: Elm St To St Louis Mills; MO 115: Jennings Stn To I-70 S Outer Rd	0.0010525	0.0000538	0.0003843	\$96,000	\$120,000	\$133.64	\$3,060,596
8215 - 17	St. Charles	O'Fallon	Flashing Yellow Arrows - O'Fallon - 30 Signalized Intersections At Various Locations Throughout O'Fallon	0.0013637	0.0000440	0.0003116	\$184,000	\$230,000	\$219.66	\$3,244,596
8210 - 18	St. Charles	MoDOT	Regional ITS Data Sharing Initiative, Phase 1 - Implement Data Sharing And Incident Data Exchange Between Modot And St Charles County	0.0046207	0.0002588	0.0023435	\$1,200,000	\$1,500,000	\$344.62	\$4,444,596
8200 - 18	Multi-County-M	Bi-State Development/Metro	Bus Replacement - 2018 (A) - Replace 11 Buses	0.0199614	0.0002225	0.0012237	\$4,000,000	\$5,000,000	\$377.62	\$8,444,596
8219 - 17	St. Charles	St. Charles County	Gateway Green Light, Phase 4 - Various Rds In St. Charles Co - Travel Time Detectors, Count Stns, Ptz Cameras, Dynamic Msg Signs, Fiberoptic	0.0043892	0.0001956	0.0013690	\$1,697,837	\$2,122,296	\$589.71	\$10,142,433
8201 - 18	Multi-County-M	Bi-State Development/Metro	Bus Replacement - 2018 (B) - Replace 11 Buses	0.0127258	0.0001474	0.0007787	\$4,000,000	\$5,000,000	\$592.39	\$14,142,433
8208 - 17	Multi-State	Madison County Transit District	Ridefinders Marketing & Outreach - 2017 - MO - Increase Awareness, Interest, And Participation In Ridefinders By Employers And Commuters	0.0012915	0.0000389	0.0003607	\$960,000	\$960,000	\$1,162.09	\$15,102,433
8226 - 17	St. Louis	St. Louis County	Bellefontaine Road/North & South Road ITS - Bellefontaine Rd - Jennings Stn To Parker North & South - Delmar To Canton	0.0009318	0.0000295	0.0002495	\$924,080	\$1,160,100	\$1,564.50	\$16,026,513
8220 - 18	St. Charles	St. Charles County	Gateway Green Light, Phase 5 - Various Rds In St. Charles Co - Travel Time Detectors, Count Stns, Ptz Cameras, Upgrade Video Detection Dynamic Msg	0.0012870	0.0001022	0.0007998	\$1,717,566	\$2,146,958	\$1,646.14	\$17,744,079
8209 - 17	St. Louis	MoDOT	MO 231 Traffic Signals - Hoffmeister Ave To Jeffersonian Dr Replace Signals And Upgrade Detection	0.0008145	0.0000272	0.0002216	\$1,041,912	\$1,302,390	\$2,011.12	\$18,785,991
8227 - 17	St. Louis	St. Louis County	Westport Plaza Drive Intersection Improvements - Glenmeade Dr To Page Ave New Signal At Westport Ent; Two Way Turn Lane	0.0019476	0.0000574	0.0005872	\$2,850,480	\$3,563,100	\$2,249.09	\$21,636,471
8211 - 17	St. Louis City	MoDOT	MO H - At Riverview Construct Green-T - Rebuild Signal	0.0001917	0.0000132	0.0000444	\$548,496	\$685,620	\$4,646.84	\$22,184,967
8225 - 17	St. Louis	St. Louis County	Ballas Road/Dougherty Ferry Road ITS - Ballas Rd - Dougherty Ferry To Clayton Rd Dougherty Ferry Rd - Highland Ave To Ballas Rd	0.0001792	0.0000057	0.0000390	\$619,440	\$779,300	\$5,677.25	\$22,804,407
8223 - 17	St. Louis	St. Louis County	2018 ITS Advanced Detection Improvements - 39 Intersections Throughout North And West County	0.0001817	0.0000102	0.0000921	\$830,720	\$1,043,400	\$6,068.46	\$23,635,127
8204 - 18	St. Louis	Great Rivers Greenway	Deer Creek Greenway - Deer Creek Plaza/Big Bend To Ellendale Via Oxford Canterbury, Sussex, Greenwood - Shared Use Path (10')	0.0004044	0.0000141	0.0001137	\$1,600,000	\$4,027,838	\$6,176.46	\$25,235,127
8222 - 17	St. Louis City	St. Louis	Lambert Airport Road Traffic Flow Improvements - Along Lambert Intl Blvd; Airflight Dr; Air Cargo Rd Intersection Improvements - Ptz Camera - Signal Opt	0.0002416	0.0000111	0.0000891	\$1,040,000	\$1,300,000	\$6,290.03	\$26,275,127
8224 - 17	St. Louis	St. Louis County	Big Bend/Murdoch/Shrewsbury ITS - Various Locations Along Big Bend/Murdoch/Shrews Ptz Cameras And Beacons At Various Locations	0.0001590	0.0000046	0.0000414	\$883,440	\$1,109,300	\$8,818.07	\$27,158,567
8216 - 17	St. Charles	St. Charles	Flashing Yellow Arrows, Phase 2 - St. Charles - At 15 Signalized Intersections Within City Limits	0.0000295	0.0000017	0.0000150	\$244,000	\$305,000	\$10,973.26	\$27,402,567
Not recommended due to funding constraints - Congestion Mitigation and Air Quality Improvement Program										
8221 - 18	Franklin	St. Clair	Kitchell Avenue & Commercial Avenue - Kitchell: Main-Commercial; Commer: Bader-City Hall Ent Two Way Turn Lane - Resurfacing - Sidewalk (6')	0.0000419	0.0000013	0.0000083	\$493,935	\$709,106	\$19,652.50	\$27,896,502
8228 - 18	St. Charles	St. Peters	Mid Rivers Mall Drive Corridor Improvements - Cottleville Pkwy To North Of Dye Club Rd Two Way Turn Ln - Dual Left At Cottleville Pkwy	0.0000617	0.0000035	0.0000313	\$1,061,428	\$1,390,732	\$22,817.30	\$28,957,930

Attachment B

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 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										
8218 - 17	St. Charles	St. Charles	St. Charles Bike/Ped Facilities - Along Friedens, Hawks Nest, Boone'S Lick, Fairgrounds, Jefferson, Fifth, Kingshighway, Randolph	0.0000807	0.0000028	0.0000236	\$1,280,000	\$1,600,000	\$24,543.21	\$30,237,930
8203 - 18	Jefferson	Crystal City	Commercial Avenue - 650' North Of 13th St To 225' South Of Brandon Wallace Way Two Way Turn Lane - Sidewalk (8') - Lighting	0.0000416	0.0000026	0.0000195	\$857,172	\$1,235,399	\$28,093.16	\$31,095,102
8206 - 18	Jefferson	Hillsboro	Business 21, Phase 4 - Main St To Maple St Two Way Turn Lane - Sidewalk (8') - Resurfacing	0.0000354	0.0000011	0.0000070	\$705,492	\$994,744	\$33,251.85	\$31,800,594
8205 - 18	Jefferson	Herculaneum	Mcnutt Street - At West I-55 Ramps/Providence Way Roundabout	0.0000354	0.0000020	0.0000180	\$1,305,293	\$1,814,145	\$48,909.79	\$33,105,887
8231 - 16	St. Charles	Wentzville	Wentzville Parkway And I-70 Interchange - Wentzville Pkwy: Pearce To Veterans Mem. Changes To I-70 Wb On Ramp And Eb Off Ramp At Veterans Mem Pkwy	0.00005	0.00000	0.00007	\$4,892,800	\$6,116,000	\$86,077.10	\$37,998,687
8230 - 17	St. Charles	St. Peters	Salt River Road - At Arrowhead Industrial Boulevard Intersection Improvements	0.0000063	0.0000004	0.0000032	\$621,172	\$776,466	\$131,259.17	\$39,892,979
8217 - 17	St. Charles	St. Charles	Mo 94/364 - At Muegge Rd Access Improvements Inc. On-Off Ramps	0.0000152	0.0000008	0.0000077	\$1,900,000	\$3,800,000	\$166,260.34	\$41,792,979
Not recommended - Emissions increase										
8229 - 17	St. Charles	St. Peters	MO 364 - At Mid Rivers Mall Dr Lane Additions To Mo 364/Mo 94 Interchange	-0.0000092	0.0000062	0.0000381	\$1,273,120	\$1,591,400	n/a	\$39,271,807

Attachment C - Summary of Public Comments

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Comment on TIP 8014-20 Emerson Road	Creve Coeur	Yes	I support the project!	Emerson road is too narrow for the traffic it carries. The widening of the pavement would be welcomed by motorists. The drainage problems also need to be addressed as well as the sight-line problems associated with the curves and hills. The city is aware of this problem but is unable to address the problems without substantial outside support.	The track teams of nearby schools often choose to run along this road which is clearly not wide enough.	@ci.creve-coeur.mo.us
Comment on TIP 8015-19 Mosley Road	Creve Coeur	Yes	I wholeheartedly support this project	Mosley road is the dividing line between Parkway and Ladue school districts. It always seem like the school buses are plying around in opposite directions at the same time. Clearly the road is not wide enough to handle truck and bus traffic. Motorists driving around stopped trash trucks, mail trucks and Fedex trucks are endangering everyone. Widening to 11 feet would help tremendously. There are also areas on the road where there are hills and turns at the same time. The drainage problems also need to be addressed.	Mosley is becoming a well-used road for people to who along Olive road. During rush hour, the problem is further exacerbated	@ci.creve-coeur.mo.us
Comment on TIP 8024-19 Collins Drive	Festus	yes	I highly support this project	A safe access route from Hwy A to Sunshine/W.Main Street. Living directly off Collins, I see many people on a daily basis walking this route. It is currently very dangerous. My family and I like to take walks and bike rides. Occasionally we like to ride our bikes to the Festus Football Field. We have young children and as it is now, it is so dangerous to ride or walk from our house off Collins (Westwood Place subdivision) to Sunshine/W.Main Street. With this new proposed sidewalk, we look forward to having a safer way to get out and enjoy walking and biking. I will be able to even walk my son to school at the Festus Elementary.	I couldn't be more excited to see a sidewalk put along Collins. This is a much needed safety route for pedestrians.	@e3wealth.com
Comment on TIP 8024-19 Collins Drive	Festus	yes	High traffic area with pedestrians	No		@icloud.com
Comment on TIP 8024-19 Collins Drive	Festus	yes	Safety for active families & youth	This project would encourage so many more in the community to be active because of the safety. This stretch of the road is very busy & needs a separate space for pedestrians.		@sbcglobal.net
Comment on TIP 8024-19 Collins Drive	Festus	yes	strongly support	I bike, walk, and run on this street as a direct route from my home to work everyday, PLEASE put in sidewalks.	I see several other people trying to commute by bike or foot on this street daily, Please help us keep our citizens safe and improve this neighborhood by putting in sidewalks.	@sbcglobal.net
Comment on TIP 8024-19 Collins Drive	Festus	yes	I support the project!	Safety reasons-this street is near Festus schools and kids have to walk on the edge of this very busy street. I live off of Collins Drive and as an adult I do not think it is safe to walk along Collins.		@sbcglobal.net

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Comment on TIP 8024-19 Collins Drive	Festus	yes	I do support the project, it is a very busy street with no sidewalk on either side currently.	Community safety	Please consider safety and health concerns while making decisions on this project. Thank You	@samcstl.org
Comment on TIP 8024-19 Collins Drive	Festus	Yes I do. I live on a road that intersects Collins Drive. I also work in Festus.	I most definitely support this project. I think a sidewalk would be a great addition to this area.	Collins is a very busy and dangerous road for pedestrians or bikers. This project would give approximately 400 people access out of their neighborhoods that are now bordering Collins. These people would also like to walk to the post office, to the parks, etc. The only way we can do that now is a dangerous trek on the shoulder of Collins Drive.	It would be a positive health and safety influence for the Collins Drive area.	@gmail.com
Comment on TIP 8024-19 Collins Drive	Festus		Thanks for the opportunity to comment about the proposed Collins sidewalk project. My wife and I are very much in favor and have always wondered why we didn't have a sidewalk. Safety first! Thanks for your work on this matter.			attached to another email
Comment on TIP 8024-19 Collins Drive	Festus	yes	I support it.	The current sidewalks are narrow, buckled and uneven. The lighting is inadequate.		@yahoo.com
Comment on TIP 8024-19 Collins Drive	Festus	yes	I have seen SO many people, young and old, walking along Collins Drive in Festus. Collins Drive has no shoulder and it is very dangerous for anyone along the shoulder. We desperately need sidewalks and lights	Totally Safety		@gmail.com

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Comment on TIP 8024-19 Collins Drive	Festus	Yes, I drive from West Main/Collins Dr to Collins/Hwy A daily. I have done this for 25+ years.	The lack of sidewalks along Collins Drive in Festus, is a serious public safety concern that must be addressed before a resident loses their life. I myself have turned onto that street multiple times in the evening to see persons walking either in the road or trying to stay at the edge as cars speed by. Summer brings even more foot traffic along that road and worries me every time I see people walking or a mom pushing a stroller, (which also happens)With the multiple apartment complexes in that area and residents who walk to and from the convenience store/Schucks, the foot traffic is not going to go away. The addition of the crosswalk at Hwy A & Collins was a step toward making that intersection safer, but it only leads to a street with no shoulder on the side the crosswalk leads to? That is very puzzling??	This street/intersection is a major thorough fair for the city of Festus, getting residents from Hwy A to the west side of our city, not to mention all the school traffic that comes through it. This street must be made safer for our residents. Collins Drive has a high volume of foot traffic on it (especially in the summer!), and barely a shoulder or no shoulder for residents to safely walk on. Therefore, they end up waking the edge of the street (or in it) and drivers just have to swerve and pray you don't hit them. (at night especially.) We have made beautiful improvements in adding sidewalks to other areas of our city that have little foot traffic, I am puzzled as to why Collins Drive has not been addressed yet, since I am sure it has some of the highest foot traffic on a major thorough fair without a sidewalk in our city.	I understand there is/was a Sidewalk Grant program. Is this an option for this project? Has there been previous attempts to secure grant funds for a sidewalk project on this street?	@gmail.com
Comment on TIP 8024-19 Collins Drive	Festus	Yes, I live near Collins and drive on Collins on a daily basis.	Sidewalks are very much needed along this busy road. It leads directly to 2 schools (separate districts) with one district being very large. I see kids walk along this road often and there isn't even a shoulder. Very unsafe.	Kids and adults are often seen walking along this road and it is very unsafe. Narrow road with heavy school traffic and no shoulder.	Gamel Cemetary Road/Pounds Road needs sidewalks. Same issue, narrow roads, high speed limit, no sidewalks or shoulder. Very unsafe for those walking or trying to exercise.	@jeffcohealth.org
Comment on TIP 8024-19 Collins Drive	Festus	yes I live on Westwood Place	Yes, I whole-heartedly support this project!	I have no safe way to walk to Main Street. I regularly walk my dogs, and jog for exercise. In addition, it gives Festus students who live in the area a safe place to walk, rather than trespassing through my yard, and those around me.	I hope it passes and is ready to use in record time!	@purina.nestle.com
Comment on TIP 8024-19 Collins Drive	Festus	Yes I live off of Main Street	Yes I support this project wholeheartedly	I used to live off of Collins on Westwood Place. I love to take walks, but never felt safe walking on Collins. I had to cut through people's yards (trespassing) or walk on the 12 inches of road space worrying if cars were paying attention. If there was a sidewalk now, I would be able to safely walk to visit my family.	I've said for years there needed to be a sidewalk on Collins!!! It would allow easy transportation from Main Street to the Hwy A intersection walkway (which leads to nothing!). What was the point of adding the pedestrian walkways on Hwy A if just ends at Westwood Dr S? There are a lot of kids/teens that walk through people's yards because there are not adequate walk ways	@me.com
Comment on TIP 8024-19 Collins Drive	Festus	yes	yes support it	It will create a safe way for walkers, runners, bike riders etc... to safely get to Hwy A and access the area over to Sunshine Ln. and pass Festus R-6 School District to West City Park catching up with the walk, run and bike trail.	It is much needed and will be a blessing once we can connect all the pieces of trail for a safe fluid walk, run or ride around our community	@gmail.com

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Comment on TIP 8024-19 Collins Drive	Festus	yes	Happy for the sidewalk	I run and walk a lot around town and sidewalks are nice and better lights are needed.		@hotmail.com
Comment on TIP 8024-19 Collins Drive	Festus	yes within Festus City Limits	As an avid runner, and a parent of a daughter on the Festus Track and Cross-Country Team, I am truly concerned for our safety. From simple observation, I've seen many pedestrians, local citizens, struggling to get from their apartments & homes, and the Festus Manor residential care facility to get the Phillips 66 gas station/convenience mart safely. Coincidentally, at the Hwy A and Collins intersection there is a Walk Signal. Ironically, after crossing the street, there is not much 'safe' path support otherwise in the area of concern.	I am the founder of the JCRC - Jefferson County Runners Club. We are 200 'running & walking' members strong. Several of the group run in this immediate area of concern within the Festus area. A common opinion is that Festus has entirely too many unsafe intersections, sidewalks, and a lack of signage that will result in personal injury. It's NOT a matter of "if" someone will get hurt, it's a matter of "when". And, as a parent, I very much would like to see our kids travel back and forth from school to home, walking on sidewalks; not cinder gravel, cigarette butts, uncut grass, etc.	Adequate signage to alert people of pedestrians and runners, equally as much as the Bicyclists. Handicap accessibility will be a concern, as the Festus Manor residential care facility is in the immediate area of Collins Drive.	@gmail.com
Comment on TIP 8024-19 Collins Drive	Festus	yes	I think this sidewalk is definitely needed.	There are several large apartment complexes, two neighborhoods of single family homes, a nursing home, and about a dozen businesses on Collins. It is very dangerous to walk on Collins. A sidewalk would connect this 4-block area with the main sidewalk system of Festus, allowing people to safely walk or ride bikes to any of the local public schools, the Catholic private school, many Festus parks, the post office, and the downtown Festus shopping and dining area.	I would make this a priority project and complete it before your scheduled date of 2019	@yahoo.com
Comment on TIP 8024-19 Collins Drive	Festus	yes live in Festus	Support: Safety	I support sidewalks on Collins and every place else a city can possibly put them! They are a safety measure! They make a city more appealing and give the city a "caring for others look"!The sidewalk out on American Legion DR does not support a vast number of users----COLLINS would support many as it is a high traffic area!!		@att.net
Comment on TIP 8029-19 St. Joseph Street Sidewalk	Herculaneum	yes	This will improve safety and pedestrian use.	This will help the city.		@cityofherculaneum.org
Comment on TIP 8205-18 McNutt Street	Herculaneum	yes	I support for growth and economical growth of the City.	This will help with traffic movement, safety and enhance the ability for commercial growth in the area.	This will help tremendously!	@cityofherculaneum.org
Comment on TIP 8039-18 W Essex	Kirkwood	yes	Concerns	Please be sure there is adequate curb cuts at the crosswalk south of Kirkwood Road/Manchester intersection.	All curb cuts should be even with the street, that is, without gaps/holes between edge of curb cut and street.	@yahoo.com

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Transportation Improvements Program 8040-20th Lake Saint Louis Blvd, Phase 2	Lake Saint Louis				I would like to provide to you my support for subject project which will offer a major traffic benefit to the residents of Lake Saint Louis. The Lake Saint Louis Blvd Phase 2 Project spanning from Pleasant Meadow Drive to Blue Cove Terrace has been a major traffic project that our City staff, elected officials, and especially our residents have desired for many years. Lake Saint Louis Blvd is one of the most heavily travelled city streets encircling the eastern perimeter of our City from I-70 to I-64, and is need of upgrading to keep up with its extensive use. Thank you.	@yahoo.com
Comment on TIP 8003-19 Bryan Road	O'Fallon	No	Support	This corridor has high volumes and is need of major repair in areas for sustainability and it's a major link between I70 and I64		@ofallon.mo.us
Comment on TIP 8003-19 Bryan Road phase 3	O'Fallon	Yes	No concerns	This is a very heavily traveled roadway and the main north south corridor for many residents and businesses. Roadway is in bad condition and needs repairs.		@ofallon.mo.us
Comment on TIP 8046-18 Mexico Road phase 3	O'Fallon	Yes-Work	Support	This road has high volumes and is a major east west corridor connection in need of an over lay		@ofallon.mo.us
Comment on TIP 8046-18 Mexico Road phase 3	O'Fallon	yes	Support the project	Many motorists utilize this roadway and it is critical to maintain it in an acceptable condition. The path/trail on the south side abruptly ends. Improvements need to be made to allow this trail needs to continue to the east.	Great project that needs to be funded.	@ofallon.mo.us
Comment on TIP 8047-18 Paul Renaud Blvd	O'Fallon	Yes-Work	Support			@ofallon.mo.us
Comment on TIP 8047-18 Paul Renaud Blvd	O'Fallon	Yes	Definitely support	This is a very heavily traveled roadway and the main north south corridor for many residents and businesses. Roadway is in bad condition and needs repairs.	The completion of this roadway is a critical element in the overall roadway network for the area.	@ofallon.mo.us

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Comment on TIP 8048-18 St. Matthew Avenue/Eggering	O'Fallon	Yes	Support	Road is in very poor condition and needs to be reconstructed.		@ofallon.mo.us
Comment on TIP 8048-18 St. Matthew Avenue/Eggering	O'Fallon	Yes-Work	Support	This road is a key connection within our historic downtown area. It connects City parks, City Hall, and other major arterial and connector roadways that lead to educational and business districts. It is need of complete replacement to upgrade the roadway and pedestrian facilities.		@ofallon.mo.us
Comment on TIP 8215-17 Flashing yellow arrows	O'Fallon	Yes	Support	The flashing yellow lights are a significant factor to mediating traffic congestion		@ofallon.mo.us
Comment on TIP 8049-19 Dielman Road	Olivette	yes	I am the Mayor of the City of Olivette and I fully support this project. I received a petition with over 60 signatures from residents within the Dielman Road project area who are in full support of this grant application and ensuing project.	<p>Dielman Road, south of Old Bonhomme, is a collector road for many of our residential streets. Currently, the roadway is not wide enough, by current standards, and can present a driving hazard. In addition, the lack of sidewalks poses significant safety issues across many demographics. Our school aged population is forced to wait for busses along Dielman Road oftentimes needing to stand in the street. With the current width of the street, their presence makes this situation particular hazardous. We also have an aging, but agile, population who enjoy walking. It is not only difficult to do so on Dielman Road, but extremely dangerous as well.</p> <p>The approval of this grant would permit the City of Olivette to widen the lanes, construct shoulders and place ADA compliant sidewalks on Deilman Road. Our city is committed to improving the health, safety and welfare of our residents while fulfilling our goal of increased walk ability and connectivity within our community and with other communities.</p>	The City of Olivette has shown that it can be a good steward of grant funds and will execute the responsibility of a grant award to its proper conclusion.	@gmail.com
Comment on TIP 8049-19 Dielman Road	Olivette				This is an important project to many residents who live along Dielman Rd. I have lived on High Acres Dr for 18 years and can't leave my street to walk anywhere in Olivette without walking in a traffic lane on Dielman Rd. It's not an overstatement to say that over the years, my children's safety have been put at risk by walking along Dielman Rd when walking to Stacy Park. There are also many dog owners (myself included) who routinely walk their dogs and are forced to walk on Dielman Rd to get to Old Bonhomme Rd or the path to Stacy Park. Please approve this project. It is long over due and will provide a level of safety that many Olivette & Ladue residents have never had when walking Dielman Rd.	@sbcglobal.net

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Comment on TIP 8049-19 Dielman Road	Olivette	Yes	Yes I support sidewalks on Dielman but they should extend from the south border on Dielman with Ladue north on Dielman to Olive. My concern is the project does not go far enough like sidewalks from Old Bonhomme south on Dielman to the Olivette border. If I am south of Old Bonhomme on Dielman and walking north on Dielman to Old Bonhomme it is dangerous and should and can be corrected with sidewalks. There is almost no should for cars let alone a place to walk or ride a bike.	Safety for adults and kids and animals (pets) that walk on Dielman south of Old Bonhomme north to Old Bonhomme. Nothing connects the people south of Old Bonhomme to Old Bonhomme so that they can walk, ride a bike or walk their pets in a safe manner.	Yes install sidewalks from Old Bonhomme on Dielman south to the Olivette border with the City of Ladue.	@DMFIRM.com
Comment on TIP 8049-19 Dielman Road	Olivette	yes	Yes I live in the community and I support this project.	As one who walks almost every day, I must walk along Dielman Road where there is no sidewalk. I always feel that I am in a precarious position, while walking on this busy two lane road. There are also no shoulders, to step off the road in many places, for an emergency. Not only am I in jeopardy, but often vehicles that pass me, swing across the center line to avoid me. This includes school buses and other large vehicles.	I live off of Covington Road. Therefore, I have no other route to take for a safe, long walk.	@sbcglobal.net
Comment on TIP 8049-19 Dielman Road	Olivette	yes	I support the installation of sidewalks on Dielman, south of Old Bonhomme.	We walk, jog, walk our dog, and have children who do the same, as well as ride school buses that require a pickup on Dielman, or a walk on Dielman to reach the neighboring street. With no sidewalks, we are forced to walk on a very narrow shoulder and step into a ditch any time a car passes. With more people texting while driving, it has only gotten worse. I had one young man Revere toward me and laugh as I jumped into the ditch. It would be great if families could walk to Stacy Park and Old Bonhomme or the walking path safely.	No. Thank you.	@gmail.com
Comment on TIP 8049-19 Dielman Road	Olivette	yes	Yes I completely support the project. I am a runner and I walk my dog twice a day. To get anywhere, we must access Diehlman, which is dangerous without sidewalks. At night, it is especially difficult to feel safe because you literally have to walk in one lane of traffic. Additionally we live on the corner of Diehlman and The Orchards and every day, several small children wait for the bus on this corner, without the benefit and safety of sidewalks.	Please start as soon as possible! Thank you!		@ssmhc.com
Comment on TIP 8049-19 Dielman Road	Olivette	yes	support	We are so thrilled at the prospect of finally having sidewalks near our home- we and our children have spent years walking on a busy street with no shoulder. This mother will breathe easier knowing that children, pets and neighbors can safely traverse our little town. Thank you for the consideration.		@aol.com

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Comment on TIP 8049-19 Dielman Road	Olivette	yes	yes I support this project	I have lived on High Acres for almost 19 years and walk towards Stacy Park almost every day. The lack of a sidewalk has often made walking difficult and unsafe. I would welcome this improvement for everyone who lives south of Old Bonhomme on Dielman, or in a neighborhood off of Dielman. I think the new sidewalk would make for a safer community and improve the lives of many.	I wonder why it has taken so long to make this small stretch of road safe for all the inhabitants who live in the proposed area.	@icloud.com
Comment on TIP 8049-19 Dielman Road	Olivette	Yes, we strongly support this project.	It would improve safety for pedestrians and children waiting for school buses on Dielman Road. It would connect an isolated portion of the community to the walking and bicycling paths that connect Olivette to University City and beyond. Currently there is no shoulder nor sidewalks on this portion of Dielman causing pedestrians and children waiting for school buses to walk and stand in the road. Approximately 60+ neighbors submitted signatures to the Olivette City Council in support of the project, including residents who live on Dielman and will be directly affected by the improvements.	1. To connect an isolated segment of community to existing network of sidewalks and bicycle paths, 2. To improve pedestrian and school children safety by adding sidewalks that will separate pedestrians and children from traffic, and 3. To improve storm water drainage.	We believe that if this project is approved that the City of Ladue will resubmit a proposal in the future to add sidewalks on Dielman to Ladue Road. Thereby increasing pedestrian and bicycle safety through better inter-community connections.	@umsl.edu
Comment on TIP 8051-18 Kortwright Avenue	Rock Hill	Yes	I support the project!	I love sidewalks.		@wheremagazine.com
Comment on TIP 8004-18 Elm Point Rd	St. Charles	yes	Support with concerns	Will the proposed reconstruction be within the current road location and alignment? Will the roadway be raised above the 100 year flood plain? The current location has drainage issues. Will the project include a bridge over the current railroad crossing at the intersection of Zumbel Rd. and Elmpoint Rd.? This is the only railroad crossing remaining in the City of St Charles that hasn't been bridged over. It creates traffic delays and is inherently dangerous. The current roadway ROW is a major utility corridor: electric transmission lines, pipeline, water main, sanitary sewer main, etc. It also abuts railroad property. The cost of utility relocations and utility protective measures is a hidden cost to consumers through relocation costs to utilities. It also creates construction delays. Wouldn't it be more feasible to bridge over the existing railroad crossing and relocate Elm Point Road north beyond the Gardnerville Industrial area and tie the opposite end back to existing roadway near Deer Field Mobile Home Park. Given the utility conflicts, railroad issues, and flood plain the overall project cost would be less if relocated. If this isn't done at this time, but merely reconstructed at its' current location, it will be many years before the opportunity arises to build an optimal arterial road capable of moving higher levels of traffic.	no	@sccmo.org

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Comment on TIP 8058-19 Paul Parks Drive and St. Clair Plaza	St. Clair	yes	support	General public safety concerns would be addressed by undertaking this project.		0@yahoo.com
Comment on TIP 8058-19 Paul Parks Drive and St. Clair Plaza	St. Clair	yes	Yes I support this project wholeheartedly	Many use this route to shop for their groceries and medical needs at the pharmacies located in this area. It is very dangerous in the evening/night time hours for these individuals and some apartment dwellers who want to enjoy the outdoors when their only walk route is the blacktop road.		@stclairmo.com
Comment on TIP 8221-18 Kitchell Avenue	St. Clair	yes	support	Road is in disrepair and we are in need of new sidewalks for public safety on both sides of Kitchell		@yahoo.com
Comment on TIP 8221-18 Kitchell Avenue	St. Clair			This project will be a great improvement for this walk route. Many use this route to walk to nearby shopping. This project will greatly improve the safety of those individuals who use it.		@stclairmo.com
Comment on TIP 8231-16 Wentzville Parkway and I 70 Interchange	Wentzville	Yes	The City of Wentzville supports this project because it will significantly improve safety on interstate 70 with extended ramps and it will reduce travel delay and accident risk for left turns from Wentzville Parkway and from Veterans Memorial onto I-70 at the busiest interchange in the Wentzville community	Congestion and accident reduction for thousands of cars each day	Residential and commercial growth in Wentzville continues to outpace all other communities in the East West Gateway region with 5,000+ residential dwelling units constructed in the last 10 years. An additional 700 new dwellings are forecast annually from 2016 to 2020. By the time this project is placed into service in 2020, it is projected that residents from 3,500 additional homes will need interstate access and many will choose this interchange due to its centralized location.	@wentzvillemo.org

FISCAL YEARS 2017-2020
TRANSPORTATION IMPROVEMENT PROGRAM
ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: FRANKLIN

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8000-18 New	FRANKLIN COUNTY RIDGE ROAD BRIDGE OVER WINSEL CREEK REPLACE BRIDGE LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL FEDERAL: \$686,199 STATE: \$0 LOCAL: \$171,551	\$82,899 \$25,000 \$749,851 TOTAL \$857,750	\$0 \$0 \$0 \$0	\$82,899 \$0 \$0 \$82,899	\$0 \$25,000 \$0 \$25,000	\$0 \$0 \$749,851 \$749,851
					ESTIMATED TOTAL PROJECT COST: \$857,750				
8043-18 New	NEW HAVEN DOWNTOWN IMPROVEMENTS, PHASE 1 FRONT ST. OLIVE TO MILLER; MILLER ST: UP RR TO MAIN ST RECONSTRUCTION - SIDEWALKS (8') - STREETSCAPING LENGTH (mi): 0.17 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Pedestrian Facility Streetscape Improvements FEDERAL: \$726,567 STATE: \$0 LOCAL: \$181,641	PE ROW IMPL TOTAL \$908,208	\$77,432 \$10,000 \$820,776 \$908,208	\$0 \$0 \$0 \$0	\$77,432 \$0 \$0 \$77,432	\$0 \$10,000 \$0 \$10,000	\$0 \$0 \$820,776 \$820,776
					ESTIMATED TOTAL PROJECT COST: \$908,208				
8058-19 New	ST. CLAIR PAUL PARKS DRIVE AND ST. CLAIR PLAZA SIDEWALKS PAUL PARKS DR: COMMERCIAL TO ST. CLAIR PLAZA ST CLAIR PLAZA : PARKS TO MO 47 - SIDEWALK (5') LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Sidewalks Pedestrian Facility Lighting FEDERAL: \$220,554 STATE: \$0 LOCAL: \$97,320	PE ROW IMPL TOTAL \$317,874	\$24,812 \$0 \$293,062 \$317,874	\$0 \$0 \$0 \$0	\$24,812 \$0 \$0 \$24,812	\$0 \$0 \$293,062 \$293,062	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$317,874				
8076-19 New	SULLIVAN SPECIAL ROAD DISTRICT SPRING BLUFF ROAD OVER SPRING CREEK REPLACE BRIDGE LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) FEDERAL: \$505,787 STATE: \$0 LOCAL: \$230,526	PE ROW IMPL TOTAL \$736,313	\$61,223 \$20,000 \$655,090 \$736,313	\$0 \$0 \$0 \$0	\$61,223 \$0 \$0 \$61,223	\$0 \$20,000 \$0 \$20,000	\$0 \$0 \$655,090 \$655,090
					ESTIMATED TOTAL PROJECT COST: \$736,313				
8078-19 New	UNION MEMORIAL PARKWAY BRIDGE REPLACEMENT PROJECT OVER BRANCH OF FLAT CREEK REPLACE BRIDGE - ADA IMPROVEMENTS LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) Pedestrian Facility FEDERAL: \$514,132 STATE: \$0 LOCAL: \$232,958	PE ROW IMPL TOTAL \$747,090	\$65,266 \$0 \$681,824 \$747,090	\$65,266 \$0 \$0 \$65,266	\$0 \$0 \$0 \$0	\$0 \$0 \$681,824 \$681,824	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$747,090				

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 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: JEFFERSON

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8016-19 New	CRYSTAL CITY MAPLE STREET BAILEY RD TO WALNUT ST UPGRADE SIDEWALKS (5') - LIGHTING LENGTH (mi): 0.2 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Sidewalks Lighting	PE	\$34,163	\$0	\$34,163	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	
				IMPL	\$272,280	\$0	\$0	\$272,280	
				TOTAL	\$306,443	\$0	\$34,163	\$272,280	\$0
				Federal:	\$197,824	ESTIMATED TOTAL PROJECT COST: \$306,443			
				State:	\$0				
Local:	\$108,619								
8020-19 New	DE SOTO MO N (ROCK ROAD) SIDEWALK THOMAS ST TO MO 21 SIDEWALKS (5') LENGTH (mi): 0.7 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Sidewalks	PE	\$47,118	\$0	\$47,118	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	
				IMPL	\$523,532	\$0	\$0	\$523,532	
				TOTAL	\$570,650	\$0	\$47,118	\$523,532	\$0
				Federal:	\$418,825	ESTIMATED TOTAL PROJECT COST: \$570,650			
				State:	\$0				
Local:	\$151,825								
8024-19 New	FESTUS COLLINS DRIVE MO A TO W MAIN ST SIDEWALK (8') ON EAST SIDE LENGTH (mi): 0.4 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Sidewalks Pedestrian Facility Lighting	PE	\$42,565	\$0	\$42,565	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	
				IMPL	\$498,488	\$0	\$0	\$498,488	
				TOTAL	\$541,053	\$0	\$42,565	\$498,488	\$0
				Federal:	\$378,359	ESTIMATED TOTAL PROJECT COST: \$541,053			
				State:	\$0				
Local:	\$162,694								
8025-19 New	FESTUS SPECIAL ROAD DISTRICT OLD HWY A WESTERN CITY LIMIT AT THE RR TRACKS TO MO A RESURFACING LENGTH (mi): 2.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmt	PE	\$32,096	\$0	\$32,096	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	
				IMPL	\$381,620	\$0	\$0	\$381,620	
				TOTAL	\$413,716	\$0	\$32,096	\$381,620	\$0
				Federal:	\$285,296	ESTIMATED TOTAL PROJECT COST: \$413,716			
				State:	\$0				
Local:	\$128,420								
8029-19 New	HERCULANEUM ST. JOSEPH STREET SIDEWALK US 61/67 TO JOACHIM AVE SIDEWALKS (6') - LIGHTING LENGTH (mi): 0.4 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Sidewalks Lighting	PE	\$43,263	\$0	\$43,263	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	
				IMPL	\$372,501	\$0	\$0	\$372,501	
				TOTAL	\$415,764	\$0	\$43,263	\$372,501	\$0
				Federal:	\$278,001	ESTIMATED TOTAL PROJECT COST: \$415,764			
				State:	\$0				
Local:	\$137,763								

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 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: JEFFERSON

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8030-18 New	JEFFERSON COUNTY CHARTER CHURCH ROAD BRIDGE OVER PLATTIN CREEK AT MITCH SWEET RD BRIDGE REPLACEMENT LENGTH (mi): 0.09 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL FEDERAL: \$904,648 STATE: \$0 LOCAL: \$226,162	\$175,000 \$15,000 \$940,810 TOTAL \$1,130,810	\$0 \$0 \$0 \$0	\$175,000 \$0 \$0 \$175,000	\$0 \$15,000 \$0 \$15,000	\$0 \$0 \$940,810 \$940,810
					ESTIMATED TOTAL PROJECT COST: \$1,130,810				
8031-18 New	JEFFERSON COUNTY DOC SARGENT BRIDGE OVER LABARQUE CREEK BRIDGE REPLACEMENT LENGTH (mi): 0.06 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL FEDERAL: \$595,714 STATE: \$0 LOCAL: \$148,929	\$125,000 \$15,000 \$604,643 TOTAL \$744,643	\$0 \$0 \$0 \$0	\$125,000 \$0 \$0 \$125,000	\$0 \$15,000 \$0 \$15,000	\$0 \$0 \$604,643 \$604,643
					ESTIMATED TOTAL PROJECT COST: \$744,643				
8032-19 New	JEFFERSON COUNTY EAST FOUR RIDGE ROAD OLD LEMAY FERRY RD TO 800' EAST OF OLD STATE RT 21 RESURFACING LENGTH (mi): 2.74 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt	PE ROW IMPL FEDERAL: \$134,400 STATE: \$0 LOCAL: \$33,600	\$0 \$0 \$168,000 TOTAL \$168,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$168,000 \$168,000	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$168,000				
8033-19 New	JEFFERSON COUNTY HILLSBORO VALLEY PARK ROAD WILLIAMS CREEK RD TO ST. LOUIS COUNTY LIMIT RESURFACING LENGTH (mi): 3.19 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing Paving	PE ROW IMPL FEDERAL: \$316,800 STATE: \$0 LOCAL: \$79,200	\$0 \$0 \$396,000 TOTAL \$396,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$396,000 \$396,000	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$396,000				
8034-19 New	JEFFERSON COUNTY OLD ANTONIA ROAD OLD HIGHWAY M TO WEST OF IMPERIAL MAIN RESURFACING LENGTH (mi): 1.66 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Paving	PE ROW IMPL FEDERAL: \$202,880 STATE: \$0 LOCAL: \$50,720	\$0 \$0 \$253,600 TOTAL \$253,600	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$253,600 \$253,600	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$253,600				

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TRANSPORTATION IMPROVEMENT PROGRAM
 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: JEFFERSON

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8001-18 New	JEFFERSON COUNTY OLD LEMAY FERRY ROAD, PHASE 1 AT EAST ROCK CREEK ROAD INTERSECTION REALIGNMENT LENGTH (mi): 0.28 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Reconstruction Roadway Realignment Roadway Shoulders Federal: \$1,050,818 State: \$0 Local: \$1,050,820	PE ROW IMPL TOTAL	\$150,000 \$337,055 \$1,614,583 \$2,101,638	\$0 \$0 \$0 \$0	\$150,000 \$0 \$0 \$150,000	\$0 \$337,055 \$0 \$337,055	\$0 \$0 \$1,614,583 \$1,614,583
					ESTIMATED TOTAL PROJECT COST: \$2,101,638				
8035-18 New	JEFFERSON COUNTY OLD LEMAY FERRY ROAD, PHASE 2 AT SPRING FOREST ROAD INTERSECTION AND ROADWAY REALIGNMENT - SHOULDERS (6') LENGTH (mi): 0.26 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Reconstruction Roadway Realignment Roadway Shoulders Federal: \$648,899 State: \$0 Local: \$648,901	PE ROW IMPL TOTAL	\$120,000 \$154,805 \$1,022,995 \$1,297,800	\$0 \$0 \$0 \$0	\$120,000 \$0 \$0 \$120,000	\$0 \$154,805 \$0 \$154,805	\$0 \$0 \$1,022,995 \$1,022,995
					ESTIMATED TOTAL PROJECT COST: \$1,297,800				
8036-18 New	JEFFERSON COUNTY SECKMAN ROAD OLD LEMAY FERRY RD TO 0.33 MILES EAST ROUNDBOUT - SIDEWALKS (5') - PEDESTRIAN IMPROVEMENTS LENGTH (mi): 0.33 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Safety	STP-S	Traffic Calming/Access Mgt Sidewalks Intersection Improvement Federal: \$549,600 State: \$0 Local: \$137,400	PE ROW IMPL TOTAL	\$76,000 \$65,000 \$546,000 \$687,000	\$0 \$0 \$0 \$0	\$76,000 \$0 \$0 \$76,000	\$0 \$65,000 \$0 \$65,000	\$0 \$0 \$546,000 \$546,000
					ESTIMATED TOTAL PROJECT COST: \$687,000				
8037-18 New	JEFFERSON COUNTY WHITEHEAD ROAD BRIDGE OVER TRIBUTARY OF COTTER CREEK BRIDGE REPLACEMENT LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s) Federal: \$535,520 State: \$0 Local: \$133,880	PE ROW IMPL TOTAL	\$135,000 \$15,000 \$519,400 \$669,400	\$0 \$0 \$0 \$0	\$135,000 \$0 \$0 \$135,000	\$0 \$15,000 \$0 \$15,000	\$0 \$0 \$519,400 \$519,400
					ESTIMATED TOTAL PROJECT COST: \$669,400				

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 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: MULTI-COUNTY-M

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8200-18 New	BI-STATE DEVELOPMENT/METRO BUS REPLACEMENT - 2018 (A) REPLACE 11 BUSES	CMAQ	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$5,000,000	\$0 \$0 \$0	\$0 \$0 \$5,000,000	\$0 \$0 \$0	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Congestion		Federal: \$4,000,000 State: \$0 Local: \$1,000,000	TOTAL	\$5,000,000	\$0	\$5,000,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$5,000,000					
8201-18 New	BI-STATE DEVELOPMENT/METRO BUS REPLACEMENT - 2018 (B) REPLACE 11 BUSES	CMAQ	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$5,000,000	\$0 \$0 \$0	\$0 \$0 \$5,000,000	\$0 \$0 \$0	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Congestion		Federal: \$4,000,000 State: \$0 Local: \$1,000,000	TOTAL	\$5,000,000	\$0	\$5,000,000	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$5,000,000					
8009-19 New	BI-STATE DEVELOPMENT/METRO CALL-A-RIDE VAN REPLACEMENT - A REPLACE NINE CALL-A-RIDE VANS	STP-S	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$1,530,000	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$1,530,000	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation		Federal: \$1,224,000 State: \$0 Local: \$306,000	TOTAL	\$1,530,000	\$0	\$0	\$1,530,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,530,000					
8008-19 New	BI-STATE DEVELOPMENT/METRO CALL-A-RIDE VAN REPLACEMENT - B REPLACE EIGHT CALL-A-RIDE VANS	STP-S	Transit Capital Imps.	PE ROW IMPL	\$0 \$0 \$1,360,000	\$0 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$1,360,000	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation		Federal: \$1,088,000 State: \$0 Local: \$272,000	TOTAL	\$1,360,000	\$0	\$0	\$1,360,000	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,360,000					
8202-18 New	BI-STATE DEVELOPMENT/TERMINAL RR LOCOMOTIVE RETROFITS: MOTHER-SLUG SETS RETROFIT FOUR LOCOMOTIVES INTO TWO MOTHER-SLUG SETS LOCATED IN NON-ATTAINMENT AREA SWITCHING YARDS	CMAQ	Miscellaneous	PE ROW IMPL	\$0 \$0 \$1,998,223	\$0 \$0 \$0	\$0 \$0 \$1,998,223	\$0 \$0 \$0	\$0 \$0 \$0
	LENGTH (mi): 0 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Sustainable Development		Federal: \$1,134,991 State: \$0 Local: \$863,232	TOTAL	\$1,998,223	\$0	\$1,998,223	\$0	\$0
				ESTIMATED TOTAL PROJECT COST: \$1,998,223					

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 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: MULTI-COUNTY-M

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8207-18 New	JEFFERSON COUNTY PORT AUTHORITY MARINE VESSEL ENGINE REPOWER - 2018 REPOWER THREE MARINE VESSELS SERVING MISSISSIPPI AND MISSOURI RIVERS IN NON-ATTAINMENT AREA LENGTH (mi): 0 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Sustainable Development	CMAQ	Miscellaneous	PE ROW IMPL TOTAL Federal: \$673,605 State: \$0 Local: \$280,491	\$0 \$0 \$954,096 \$954,096	\$0 \$0 \$0 \$0	\$0 \$0 \$954,096 \$954,096	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$954,096				
8212-17 New	MODOT SIGNAL OPTIMIZATION - 2017 MO 370 INTERCHANGES: ELM ST TO ST LOUIS MILLS MO 115: JENNINGS STN TO I-70 SOR LENGTH (mi): 0 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression	PE ROW IMPL TOTAL Federal: \$96,000 State: \$0 Local: \$24,000	\$0 \$0 \$120,000 \$120,000	\$0 \$0 \$120,000 \$120,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$120,000				
8213-18 New	MODOT SIGNAL OPTIMIZATION - 2018 MO 109: SHEPARD-LEGEND; MO D: 14TH-SCHUE; I-64 INT: MO DD-LSL BLVD; MO 364 INT: BRYAN-ARENA; I-70 INT: TUCKER-GRAND & TR HUGH-BRYAN LENGTH (mi): 0 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression	PE ROW IMPL TOTAL Federal: \$416,000 State: \$0 Local: \$104,000	\$0 \$0 \$520,000 \$520,000	\$0 \$0 \$0 \$0	\$0 \$0 \$520,000 \$520,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$520,000				
8214-19 New	MODOT SIGNAL OPTIMIZATION - 2019 MO 141: MO 370-US 61; MO 340: FERG-MANCH; I-44 INT: SIX FLAGS-MO 185; I-55 INTERCHANGES: 7TH-MCNUTT; MO K: I-70-I-64 LENGTH (mi): 0 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression	PE ROW IMPL TOTAL Federal: \$740,000 State: \$0 Local: \$185,000	\$0 \$0 \$925,000 \$925,000	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$925,000 \$925,000	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$925,000				

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COUNTY: MULTI-STATE

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8208-17	MADISON COUNTY TRANSIT DISTRICT	CMAQ	Education/Marketing Program	PE	\$0	\$0	\$0	\$0	\$0
New	RIDEFINDERS MARKETING & OUTREACH - 2017 - MO			ROW	\$0	\$0	\$0	\$0	\$0
	INCREASE AWARENESS, INTEREST, AND PARTICIPATION			IMPL	\$960,000	\$320,000	\$320,000	\$320,000	\$0
	IN RIDEFINDERS BY EMPLOYERS AND COMMUTERS								
	LENGTH (mi): 0		Federal: \$960,000	TOTAL	\$960,000	\$320,000	\$320,000	\$320,000	\$0
	AIR QUALITY STAT: Exempt - 93.126		State: \$0						
	PROJ PURPOSE: Congestion		Local: \$0						
					ESTIMATED TOTAL PROJECT COST: \$960,000				

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COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8019-18 New	DARDENNE PRAIRIE HANLEY ROAD FEISE ROAD TO 2300' NORTH RECONSTRUCTION - SIDEWALKS (5') LENGTH (mi): 0.44 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction	PE	\$124,000	\$0	\$124,000	\$0	\$0
			Sidewalks	ROW	\$182,000	\$0	\$0	\$182,000	\$0
			Drainage Correction	IMPL	\$1,570,100	\$0	\$0	\$0	\$1,570,100
			Federal: \$750,440	TOTAL	\$1,876,100	\$0	\$124,000	\$182,000	\$1,570,100
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,876,100					
			Local: \$1,125,660						
8040-20 New	LAKE SAINT LOUIS LAKE SAINT LOUIS BLVD, PHASE 2 PLEASANT MEADOWS DR TO BLUE COVE TERRACE RESURFACING LENGTH (mi): 0.75 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmt	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$1,022,108	\$0	\$0	\$0	\$1,022,108
			Federal: \$817,686	TOTAL	\$1,022,108	\$0	\$0	\$0	\$1,022,108
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,022,108					
			Local: \$204,422						
8210-18 New	MODOT REGIONAL ITS DATA SHARING INITIATIVE, PHASE 1 IMPLEMENT DATA SHARING AND INCIDENT DATA EXCHANGE BETWEEN MODOT AND ST CHARLES COUNTY LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE	\$0	\$0	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$1,500,000	\$0	\$1,500,000	\$0	\$0
			Federal: \$1,200,000	TOTAL	\$1,500,000	\$0	\$1,500,000	\$0	\$0
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,500,000					
			Local: \$300,000						
8003-19 New	O'FALLON BRYAN ROAD, PHASE 3 NORWOOD HILLS DR TO FEISE RD SLAB REPLACEMENT LENGTH (mi): 0.79 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Pedestrian Facility	PE	\$0	\$0	\$0	\$0	\$0
			Paving	ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$1,050,000	\$0	\$0	\$1,050,000	\$0
			Federal: \$840,000	TOTAL	\$1,050,000	\$0	\$0	\$1,050,000	\$0
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,050,000					
			Local: \$210,000						
8215-17 New	O'FALLON FLASHING YELLOW ARROWS - O'FALLON 30 SIGNALIZED INTERSECTIONS AT VARIOUS LOCATIONS THROUGHOUT O'FALLON LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals	PE	\$25,000	\$25,000	\$0	\$0	\$0
				ROW	\$0	\$0	\$0	\$0	\$0
				IMPL	\$205,000	\$0	\$205,000	\$0	\$0
			Federal: \$184,000	TOTAL	\$230,000	\$25,000	\$205,000	\$0	\$0
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$230,000					
			Local: \$46,000						

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ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8046-18 New	O'FALLON MEXICO ROAD, PHASE 3 MO K TO BRYAN RD RESURFACING - PEDESTRIAN BRIDGE- ADA IMPROVEMENTS LENGTH (mi): 2.17 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 5 Lane Pvmnt Sidewalks Pedestrian Facility	PE ROW IMPL	\$160,000 \$50,000 \$2,100,000	\$0 \$0 \$0	\$160,000 \$0 \$0	\$0 \$50,000 \$0	\$0 \$0 \$2,100,000
			Federal: \$1,848,000 State: \$0 Local: \$462,000	TOTAL	\$2,310,000	\$0	\$160,000	\$50,000	\$2,100,000
					ESTIMATED TOTAL PROJECT COST: \$2,310,000				
8216-17 New	ST. CHARLES FLASHING YELLOW ARROWS, PHASE 2 - ST. CHARLES AT 15 SIGNALIZED INTERSECTIONS WITHIN CITY LIMITS LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals	PE ROW IMPL	\$60,000 \$0 \$245,000	\$60,000 \$0 \$0	\$0 \$0 \$245,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$244,000 State: \$0 Local: \$61,000	TOTAL	\$305,000	\$60,000	\$245,000	\$0	\$0
					ESTIMATED TOTAL PROJECT COST: \$305,000				
8055-19 New	ST. CHARLES WEST CLAY ST & DROSTE INTERSECTION DUCHESNE DR TO WEST OF FIRST CAPITOL DR RESURFACING - BASE REPAIRS - SHARED USE PATH (8') LENGTH (mi): 0.7 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvmnt Intersection Reconstruction Traffic Signals	PE ROW IMPL	\$315,000 \$2,030,000 \$3,945,000	\$315,000 \$0 \$0	\$0 \$2,030,000 \$0	\$0 \$0 \$3,945,000	\$0 \$0 \$0
			Federal: \$1,000,000 State: \$0 Local: \$5,290,000	TOTAL	\$6,290,000	\$315,000	\$2,030,000	\$3,945,000	\$0
					ESTIMATED TOTAL PROJECT COST: \$6,290,000				
8219-17 New	ST. CHARLES COUNTY GATEWAY GREEN LIGHT, PHASE 4 VARIOUS RDS IN ST. CHARLES CO - TRAVEL TIME DETECTORS, COUNT STNS, PTZ CAMERAS, DYNAMIC MSG SIGNS, FIBEROPTIC LENGTH (mi): 18 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals Signal Timing Progression	PE ROW IMPL	\$1,077,286 \$0 \$1,045,010	\$966,286 \$0 \$0	\$111,000 \$0 \$1,045,010	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$1,697,837 State: \$0 Local: \$424,459	TOTAL	\$2,122,296	\$966,286	\$1,156,010	\$0	\$0
					ESTIMATED TOTAL PROJECT COST: \$2,122,296				
8220-18 New	ST. CHARLES COUNTY GATEWAY GREEN LIGHT, PHASE 5 VARIOUS RDS IN ST. CHARLES CO - TRAVEL TIME DETECTORS, COUNT STNS, PTZ CAMERAS, UPGRADE VIDEO DETECTION DYNAMIC MSG LENGTH (mi): 17 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals Signal Timing Progression	PE ROW IMPL	\$905,370 \$0 \$1,241,588	\$0 \$0 \$0	\$683,370 \$0 \$0	\$222,000 \$0 \$1,241,588	\$0 \$0 \$0
			Federal: \$1,717,566 State: \$0 Local: \$429,392	TOTAL	\$2,146,958	\$0	\$683,370	\$1,463,588	\$0
					ESTIMATED TOTAL PROJECT COST: \$2,146,958				

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COUNTY: ST. CHARLES

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8057-19 New	ST. CHARLES COUNTY MO N AT WEISS RD REALIGN INTERSECTION LENGTH (mi): 0.31 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Safety	STP-S	Intersection Reconstruction Intersection Improvement Geometric Revisions	PE ROW IMPL	\$125,000 \$40,000 \$1,370,000	\$125,000 \$0 \$0	\$0 \$40,000 \$0	\$0 \$0 \$1,370,000	\$0 \$0 \$0
			Federal: \$1,096,000 State: \$0 Local: \$439,000	TOTAL	\$1,535,000	\$125,000	\$40,000	\$1,370,000	\$0
					ESTIMATED TOTAL PROJECT COST: \$1,535,000				

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8013-19 New	CLAYTON MARYLAND AVENUE HANLEY RD TO WESTERN CITY LIMIT (NEAR GAY) RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 0.84 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 5 Lane Pvmt	PE	\$89,295	\$89,295	\$0	\$0	\$0
			Pedestrian Facility	ROW	\$25,000	\$0	\$25,000	\$0	\$0
			Roadway - Curb & Gutter	IMPL	\$1,150,652	\$0	\$0	\$1,150,652	\$0
			Federal: \$948,710	TOTAL	\$1,264,947	\$89,295	\$25,000	\$1,150,652	\$0
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,264,947					
			Local: \$316,237						
8014-20 New	CREVE COEUR EMERSON ROAD OLD BALLAS RD TO 1800' SOUTH RESURFACING - CURB AND GUTTER LENGTH (mi): 0.34 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmt	PE	\$65,000	\$0	\$65,000	\$0	\$0
			Widening	ROW	\$0	\$0	\$0	\$0	\$0
			Roadway - Curb & Gutter	IMPL	\$592,000	\$0	\$0	\$0	\$592,000
			Federal: \$444,000	TOTAL	\$657,000	\$0	\$65,000	\$0	\$592,000
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$657,000					
			Local: \$213,000						
8021-18 New	DES PERES BOPP ROAD MANCHESTER RD TO NORTHERN CITY LIMIT RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.25 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmt	PE	\$50,000	\$0	\$50,000	\$0	\$0
			Pedestrian Facility	ROW	\$20,000	\$0	\$0	\$20,000	\$0
				IMPL	\$452,149	\$0	\$0	\$0	\$452,149
			Federal: \$417,719	TOTAL	\$522,149	\$0	\$50,000	\$20,000	\$452,149
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$522,148					
			Local: \$104,429						
8022-18 New	FENTON HORAN DRIVE BOWLES AVE TO LARKIN WILLIAMS RD RESURFACING - SIDEWALKS (5') LENGTH (mi): 1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing	PE	\$130,000	\$0	\$130,000	\$0	\$0
			Roadway - Curb & Gutter	ROW	\$20,000	\$0	\$0	\$20,000	\$0
			Sidewalks	IMPL	\$1,350,000	\$0	\$0	\$0	\$1,350,000
			Federal: \$1,200,000	TOTAL	\$1,500,000	\$0	\$130,000	\$20,000	\$1,350,000
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$1,500,000					
			Local: \$300,000						
8023-19 New	FENTON LARKIN WILLIAMS ROAD YARNELL INTERSECTION TO WOLFNER DR RESURFACING - PEDESTRIAN IMPROVEMENTS LENGTH (mi): 1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmt	PE	\$50,000	\$0	\$50,000	\$0	\$0
			Paving	ROW	\$0	\$0	\$0	\$0	\$0
			Pedestrian Facility	IMPL	\$235,000	\$0	\$0	\$235,000	\$0
			Federal: \$188,000	TOTAL	\$285,000	\$0	\$50,000	\$235,000	\$0
			State: \$0	ESTIMATED TOTAL PROJECT COST: \$285,000					
			Local: \$97,000						

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8026-18 New	FLORISSANT ST. FERDINAND STREET N HIGHWAY 67 TO ST. FERDINAND PARK SIDEWALK (5') LENGTH (mi): 0.17 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Intersection Improvement Sidewalks	PE ROW IMPL FEDERAL: \$156,750 STATE: \$0 LOCAL: \$49,187	\$30,000 \$0 \$175,937 TOTAL \$205,937	\$0 \$0 \$0 \$0	\$30,000 \$0 \$0 \$30,000	\$0 \$0 \$0 \$0	\$0 \$0 \$175,937 \$175,937
					ESTIMATED TOTAL PROJECT COST: \$205,937				
8204-18 New	GREAT RIVERS GREENWAY DEER CREEK GREENWAY DEER CREEK PLAZA/BIG BEND TO ELLENDALE VIA OXFORD CANTERBURY, SUSSEX, GREENWOOD - SHARED USE PATH (10') LENGTH (mi): 1.25 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Congestion	CMAQ	Bicycle Facilities Pedestrian Facility Traffic Signals	PE ROW IMPL FEDERAL: \$1,600,000 STATE: \$0 LOCAL: \$2,427,838	\$292,141 \$0 \$3,735,697 TOTAL \$4,027,838	\$292,141 \$0 \$0 \$292,141	\$0 \$0 \$3,735,697 \$3,735,697	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$4,027,838				
8027-19 New	GREAT RIVERS GREENWAY DISTRICT GRANT'S TRAIL EXTENSION, PHASE 3 WEBER RD TO GERMANIA SHARED USE PATH (14') - NEW GREENWAY BRIDGE LENGTH (mi): 1.2 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Pedestrian Facility Bicycle Facilities Construct Bridge(s)	PE ROW IMPL FEDERAL: \$600,000 STATE: \$0 LOCAL: \$3,893,799	\$0 \$0 \$4,493,799 TOTAL \$4,493,799	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$4,493,799 \$4,493,799	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$4,493,799				
8028-18 New	GREEN PARK MUELLER ROAD LINDBERGH BLVD TO GREEN PARK RD RESURFACING - UPGRADE SIDEWALKS (5') LENGTH (mi): 0.55 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Sidewalks	PE ROW IMPL FEDERAL: \$899,400 STATE: \$0 LOCAL: \$224,850	\$130,000 \$25,000 \$969,250 TOTAL \$1,124,250	\$0 \$0 \$0 \$0	\$130,000 \$0 \$0 \$130,000	\$0 \$25,000 \$0 \$25,000	\$0 \$0 \$969,250 \$969,250
					ESTIMATED TOTAL PROJECT COST: \$1,124,250				
8038-18 New	KIRKWOOD N. GEYER ROAD ADAMS AVE TO MANCHESTER RD RESURFACING - CURB AND GUTTER - ADA IMPROVEMENTS LENGTH (mi): 1.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvm Roadway - Curb & Gutter Pedestrian Facility	PE ROW IMPL FEDERAL: \$970,462 STATE: \$0 LOCAL: \$242,615	\$78,899 \$0 \$1,134,178 TOTAL \$1,213,077	\$0 \$0 \$0 \$0	\$78,899 \$0 \$0 \$78,899	\$0 \$0 \$1,134,178 \$1,134,178	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,213,077				

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8041-18 New	MANCHESTER DOUGHERTY FERRY ROAD 150' S/O CHARLESTON PLACE CT TO 150' S/O COUNTRY STONE DR RESURFACING - REALIGNMENT - ADA IMPROVEMENTS LENGTH (mi): 0.3 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Realignment Resurfacing 2 Lane Pvmnt Pedestrian Facility Federal: \$515,320 State: \$0 Local: \$128,830	PE ROW IMPL TOTAL	\$80,000 \$10,000 \$554,150 \$644,150	\$0 \$0 \$0 \$0	\$80,000 \$0 \$0 \$80,000	\$0 \$10,000 \$0 \$10,000	\$0 \$0 \$554,150 \$554,150
					ESTIMATED TOTAL PROJECT COST: \$644,150				
8042-18 New	MANCHESTER HOWARD GEORGE DRIVE BRIDGE OVER GRAND GLAIZE CREEK BRIDGE REHABILITATION - ADA IMPROVEMENTS LENGTH (mi): 0.04 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Rehabilitate Bridge(s) Pedestrian Facility Federal: \$300,000 State: \$0 Local: \$75,000	PE ROW IMPL TOTAL	\$50,000 \$0 \$325,000 \$375,000	\$0 \$0 \$0 \$0	\$50,000 \$0 \$0 \$50,000	\$0 \$0 \$325,000 \$325,000	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$375,000				
8209-17 New	MODOT MO 231 TRAFFIC SIGNALS HOFFMEISTER AVE TO JEFFERSONIAN DR REPLACE SIGNALS AND UPGRADE DETECTION LENGTH (mi): 1.95 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Traffic Signals Pedestrian Facility Federal: \$1,041,912 State: \$0 Local: \$260,478	PE ROW IMPL TOTAL	\$96,000 \$0 \$1,206,390 \$1,302,390	\$96,000 \$0 \$0 \$96,000	\$0 \$0 \$1,206,390 \$1,206,390	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,302,390				
8049-19 New	OLIVETTE DIELMAN ROAD TAMARACK DR TO FAIRWINDS CT RESURFACING - SIDEWALKS (5') - ADA IMPROVEMENTS LENGTH (mi): 0.45 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Sidewalks Pedestrian Facility Federal: \$466,642 State: \$0 Local: \$200,656	PE ROW IMPL TOTAL	\$52,497 \$0 \$614,801 \$667,298	\$0 \$0 \$0 \$0	\$52,497 \$0 \$0 \$52,497	\$0 \$0 \$614,801 \$614,801	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$667,298				
8051-18 New	ROCK HILL KORTWRIGHT AVENUE MANCHESTER RD TO WARSON PL RESURFACING - SIDEWALKS (4') - WHITESTONE TO WARSON TR LENGTH (mi): 0.43 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Sidewalks Pedestrian Facility Federal: \$334,343 State: \$0 Local: \$111,448	PE ROW IMPL TOTAL	\$88,781 \$26,000 \$331,010 \$445,791	\$0 \$0 \$0 \$0	\$88,781 \$0 \$0 \$88,781	\$0 \$26,000 \$0 \$26,000	\$0 \$0 \$331,010 \$331,010
					ESTIMATED TOTAL PROJECT COST: \$445,791				

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ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8052-18 New	ST. ANN OLD ST. CHARLES ROAD ADIE RD TO LINDBERGH BLVD RESURFACING LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt	PE ROW IMPL Federal: \$337,420 State: \$0 Local: \$84,355	\$51,500 \$0 \$370,275 TOTAL \$421,775	\$0 \$0 \$0 \$0	\$51,500 \$0 \$0 \$51,500	\$0 \$0 \$370,275 \$370,275	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$421,775				
8223-17 New	ST. LOUIS COUNTY 2018 ITS ADVANCED DETECTION IMPROVEMENTS 39 INTERSECTIONS THROUGHOUT NORTH AND WEST COUNTY LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement	PE ROW IMPL Federal: \$830,720 State: \$0 Local: \$212,680	\$102,000 \$5,000 \$936,400 TOTAL \$1,043,400	\$102,000 \$5,000 \$0 \$107,000	\$0 \$0 \$936,400 \$936,400	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,043,400				
8062-19 New	ST. LOUIS COUNTY AIRPORT ROAD - 2019 EAST OF I-170 TO WEST OF NORTH FLORISSANT RD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.8 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvmnt Pedestrian Facility	PE ROW IMPL Federal: \$2,220,060 State: \$0 Local: \$1,485,040	\$191,000 \$5,000 \$3,509,100 TOTAL \$3,705,100	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$191,000 \$5,000 \$0 \$196,000	\$0 \$0 \$3,509,100 \$3,509,100
					ESTIMATED TOTAL PROJECT COST: \$3,705,100				
8005-19 New	ST. LOUIS COUNTY BALLAS ROAD - 2020 DOUGHERTY FERRY RD TO MANCHESTER RD (MO 100) RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 1.28 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Resurfacing 3 Lane Pvmnt Pedestrian Facility	PE ROW IMPL Federal: \$1,465,520 State: \$0 Local: \$371,380	\$120,900 \$5,000 \$1,711,000 TOTAL \$1,836,900	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$120,900 \$5,000 \$0 \$125,900	\$0 \$0 \$1,711,000 \$1,711,000
					ESTIMATED TOTAL PROJECT COST: \$1,836,900				
8225-17 New	ST. LOUIS COUNTY BALLAS ROAD/DOUGHERTY FERRY ROAD ITS BALLAS RD - DOUGHERTY FERRY TO CLAYTON RD DOUGHERTY FERRY RD - HIGHLAND AVE TO BALLAS RD LENGTH (mi): 3.4 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS	PE ROW IMPL Federal: \$619,440 State: \$0 Local: \$159,860	\$74,200 \$5,000 \$700,100 TOTAL \$779,300	\$74,200 \$5,000 \$0 \$79,200	\$0 \$0 \$700,100 \$700,100	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$779,300				

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COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8063-18 New	ST. LOUIS COUNTY BAXTER ROAD (SOUTH) - 2019 MANCHESTER RD (MO 100) TO CLAYTON RD RESURFACING - SHARED USE PATH (8') LENGTH (mi): 2.07 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Pedestrian Facility Bicycle Facilities Federal: \$1,645,866 State: \$0 Local: \$1,407,034	PE ROW IMPL TOTAL	\$247,200 \$5,000 \$2,800,700 \$3,052,900	\$0 \$0 \$0 \$0	\$247,200 \$5,000 \$0 \$252,200	\$0 \$0 \$2,800,700 \$2,800,700	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$3,052,900				
8065-19 New	ST. LOUIS COUNTY BAYLESS AVENUE - 2020 UNION RD TO LEMAY FERRY RD RESURFACING - BIKE LN(5') AV H TO LEMAY FERRY LENGTH (mi): 0.85 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvmnt Pedestrian Facility Bicycle Facilities Federal: \$1,316,080 State: \$0 Local: \$334,020	PE ROW IMPL TOTAL	\$131,200 \$5,000 \$1,513,900 \$1,650,100	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$131,200 \$5,000 \$0 \$136,200	\$0 \$0 \$1,513,900 \$1,513,900
					ESTIMATED TOTAL PROJECT COST: \$1,650,100				
8226-17 New	ST. LOUIS COUNTY BELLEFONTAINE ROAD/NORTH & SOUTH ROAD ITS BELLEFONTAINE RD - JENNINGS STN TO PARKER NORTH & SOUTH - DELMAR TO CANTON LENGTH (mi): 5.17 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS Federal: \$924,080 State: \$0 Local: \$236,020	PE ROW IMPL TOTAL	\$112,500 \$5,000 \$1,042,600 \$1,160,100	\$112,500 \$5,000 \$0 \$117,500	\$0 \$0 \$1,042,600 \$1,042,600	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,160,100				
8224-17 New	ST. LOUIS COUNTY BIG BEND/MURDOCH/SHREWSBURY ITS VARIOUS LOCATIONS ALONG BIG BEND/MURDOCH/SHREWS PTZ CAMERAS AND BEACONS AT VARIOUS LOCATIONS LENGTH (mi): 0 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Misc traffic control items/ITS Federal: \$883,440 State: \$0 Local: \$225,860	PE ROW IMPL TOTAL	\$107,500 \$5,000 \$996,800 \$1,109,300	\$107,500 \$5,000 \$0 \$112,500	\$0 \$0 \$996,800 \$996,800	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,109,300				
8066-18 New	ST. LOUIS COUNTY CLAYTON ROAD (WEST COUNTY) - 2019 EATHERTON ROAD (MO 109) TO BLACK CANYON CT RESURFACING - SLAB REPLACEMENT - ADA IMPR LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 5 Lane Pvmnt Pedestrian Facility Federal: \$988,080 State: \$0 Local: \$252,020	PE ROW IMPL TOTAL	\$96,200 \$5,000 \$1,138,900 \$1,240,100	\$0 \$0 \$0 \$0	\$96,200 \$5,000 \$0 \$101,200	\$0 \$0 \$1,138,900 \$1,138,900	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$1,240,100				

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ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8069-19 New	ST. LOUIS COUNTY LUCAS-HUNT ROAD (NORTH) - 2020 HORD AVENUE/HUISKAMP AVE TO HALLS FERRY (MO AC) RESURFACING - BIKE LN (5') LENGTH (mi): 1.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 4 Lane Pvmnt Bicycle Facilities	PE ROW IMPL	\$176,800 \$5,000 \$2,003,200	\$0 \$0 \$0	\$0 \$0 \$0	\$176,800 \$5,000 \$0	\$0 \$0 \$2,003,200
			Federal: \$1,744,000 State: \$0 Local: \$441,000	TOTAL	\$2,185,000	\$0	\$0	\$181,800	\$2,003,200
				ESTIMATED TOTAL PROJECT COST: \$2,185,000					
8070-18 New	ST. LOUIS COUNTY MCKELVEY ROAD, PHASE 1 - 2020 AMELING RD TO GLENPARK DR RESURFACING - SIDEWALK (6') - SHARED USE PATH (8') LENGTH (mi): 0.38 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Sidewalks Bicycle Facilities	PE ROW IMPL	\$118,200 \$94,400 \$1,442,600	\$0 \$0 \$0	\$118,200 \$0 \$0	\$0 \$94,400 \$0	\$0 \$0 \$1,442,600
			Federal: \$1,158,640 State: \$0 Local: \$496,560	TOTAL	\$1,655,200	\$0	\$118,200	\$94,400	\$1,442,600
				ESTIMATED TOTAL PROJECT COST: \$1,655,200					
8071-19 New	ST. LOUIS COUNTY MCKNIGHT ROAD - 2020 CLAYTON RD TO SOUTH OF LAY RD RESURFACING LENGTH (mi): 0.85 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt	PE ROW IMPL	\$66,000 \$5,000 \$781,700	\$0 \$0 \$0	\$0 \$0 \$0	\$66,000 \$5,000 \$0	\$0 \$0 \$781,700
			Federal: \$678,160 State: \$0 Local: \$174,540	TOTAL	\$852,700	\$0	\$0	\$71,000	\$781,700
				ESTIMATED TOTAL PROJECT COST: \$852,700					
8072-18 New	ST. LOUIS COUNTY WEST ADAMS - 2019 KIRKWOOD RD TO GEYER RD RESURFACING - ADA IMPROVEMENTS LENGTH (mi): 0.5 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt Pedestrian Facility	PE ROW IMPL	\$64,100 \$5,000 \$758,800	\$0 \$0 \$0	\$64,100 \$5,000 \$0	\$0 \$0 \$758,800	\$0 \$0 \$0
			Federal: \$658,320 State: \$0 Local: \$169,580	TOTAL	\$827,900	\$0	\$69,100	\$758,800	\$0
				ESTIMATED TOTAL PROJECT COST: \$827,900					
8227-17 New	ST. LOUIS COUNTY WESTPORT PLAZA DRIVE INTERSECTION IMPROVEMENTS GLENMEADE DR TO PAGE AVE NEW SIGNAL AT WESTPORT ENT; TWO WAY TURN LANE LENGTH (mi): 0.32 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Traffic Signals Bi-directional Left-turn Ln.	PE ROW IMPL	\$254,000 \$398,900 \$2,910,200	\$254,000 \$0 \$0	\$0 \$398,900 \$0	\$0 \$0 \$2,910,200	\$0 \$0 \$0
			Federal: \$2,850,480 State: \$0 Local: \$712,620	TOTAL	\$3,563,100	\$254,000	\$398,900	\$2,910,200	\$0
				ESTIMATED TOTAL PROJECT COST: \$3,563,100					

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8073-19 New	ST. LOUIS COUNTY YAEGER ROAD - 2020 RINGER RD TO PATTERSON RD RESURFACING LENGTH (mi): 1.83 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 2 Lane Pvmnt	PE ROW IMPL FEDERAL: \$1,106,080 STATE: \$0 LOCAL: \$281,520	\$109,400 \$5,000 \$1,273,200 TOTAL \$1,387,600	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$109,400 \$5,000 \$0 \$114,400	\$0 \$0 \$1,273,200 \$1,273,200
					ESTIMATED TOTAL PROJECT COST: \$1,387,600				
8079-18 New	UNIVERSITY CITY BICYCLE FACILITIES IMPROVEMENTS, PHASE 3 ALONG VARIOUS STREETS IN UNIVERSITY CITY INSTALLATION OF SHARED LANE MARKINGS AND SIGNAGE LENGTH (mi): 4.02 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Bicycle Facilities	PE ROW IMPL FEDERAL: \$131,128 STATE: \$0 LOCAL: \$32,782	\$16,840 \$0 \$147,070 TOTAL \$163,910	\$0 \$0 \$0 \$0	\$16,840 \$0 \$0 \$16,840	\$0 \$0 \$147,070 \$147,070	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$163,910				
8080-18 New	UNIVERSITY CITY KINGSLAND AVENUE ALLEY BRIDGE OVER NE BRANCH OF RIVER DES PERES REPLACE BRIDGE LENGTH (mi): 0.1 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Replace Bridge(s)	PE ROW IMPL FEDERAL: \$132,000 STATE: \$0 LOCAL: \$33,000	\$35,000 \$0 \$130,000 TOTAL \$165,000	\$0 \$0 \$0 \$0	\$35,000 \$0 \$0 \$35,000	\$0 \$0 \$130,000 \$130,000	\$0 \$0 \$0 \$0
					ESTIMATED TOTAL PROJECT COST: \$165,000				
8081-18 New	VALLEY PARK DOUGHERTY FERRY ROAD COUNTRY STONE DR (CITY LIMITS) TO BIG BEND RD OVERLAY - SIDEWALK (5') - SLAB REPLACEMENT LENGTH (mi): 0.27 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing 3 Lane Pvmnt Sidewalks Paving	PE ROW IMPL FEDERAL: \$494,136 STATE: \$0 LOCAL: \$123,534	\$70,000 \$10,000 \$537,670 TOTAL \$617,670	\$0 \$0 \$0 \$0	\$70,000 \$0 \$0 \$70,000	\$0 \$10,000 \$0 \$10,000	\$0 \$0 \$537,670 \$537,670
					ESTIMATED TOTAL PROJECT COST: \$617,670				
8082-18 New	VALLEY PARK ST. LOUIS AVENUE, PHASE 1 SEVENTH STREET TO THE LEVEE CLOSURE STRUCTURE RECONSTRUCTION - SIDEWALKS (5') LENGTH (mi): 0.36 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Drainage Correction Sidewalks	PE ROW IMPL FEDERAL: \$1,052,142 STATE: \$0 LOCAL: \$263,035	\$167,000 \$100,000 \$1,048,177 TOTAL \$1,315,177	\$0 \$0 \$0 \$0	\$167,000 \$0 \$0 \$167,000	\$0 \$100,000 \$0 \$100,000	\$0 \$0 \$1,048,177 \$1,048,177
					ESTIMATED TOTAL PROJECT COST: \$1,315,177				

FISCAL YEARS 2017-2020
TRANSPORTATION IMPROVEMENT PROGRAM
 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: ST. LOUIS

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8083-18 New	VINITA PARK NORTH AND SOUTH ROAD SIDEWALK, PHASE 1 MIDLAND BLVD TO PAGE AVE SIDEWALK (5') - ADA IMPROVEMENTS LENGTH (mi): 0.72 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Access to Opportunity	STP-S	Pedestrian Facility Sidewalks Roadway - Curb & Gutter	PE ROW IMPL	\$50,000 \$60,000 \$390,000	\$0 \$0 \$0	\$50,000 \$0 \$0	\$0 \$60,000 \$0	\$0 \$0 \$390,000
			Federal: \$400,000 State: \$0 Local: \$100,000	TOTAL	\$500,000	\$0	\$50,000	\$60,000	\$390,000
					ESTIMATED TOTAL PROJECT COST: \$500,000				
8084-18 New	WEBSTER GROVES MARSHALL ROAD N. BOMPART AVE TO BIG BEND BLVD RESURFACING - SIDEWALK (5') BIG BEND TO LAC STN - ADA IMPR LENGTH (mi): 1.01 AIR QUALITY STAT: Exempt - 93.126 PROJ PURPOSE: Preservation	STP-S	Resurfacing Sidewalks Pedestrian Facility	PE ROW IMPL	\$55,441 \$10,000 \$544,410	\$0 \$0 \$0	\$55,441 \$10,000 \$0	\$0 \$0 \$544,410	\$0 \$0 \$0
			Federal: \$435,528 State: \$0 Local: \$174,323	TOTAL	\$609,851	\$0	\$65,441	\$544,410	\$0
					ESTIMATED TOTAL PROJECT COST: \$609,851				

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FISCAL YEARS 2017-2020
TRANSPORTATION IMPROVEMENT PROGRAM
 ATTACHMENT D - RECOMMENDED STP AND CMAQ PROJECTS

COUNTY: ST. LOUIS CITY

ID	ORGANIZATION NAME/PROJECT TITLE/DESC	FUNDING CAT	IMPROVEMENTS		2017-2020 TOTAL	2017	2018	2019	2020
8211-17 New	MODOT MO H AT RIVERVIEW CONSTRUCT GREEN-T - REBUILD SIGNAL LENGTH (mi): 0.2 AIR QUALITY STAT: Exempt - 93.127 PROJ PURPOSE: Congestion	CMAQ	Intersection Improvement Traffic Signals Pedestrian Facility	PE ROW IMPL	\$58,600 \$0 \$627,020	\$58,600 \$0 \$0	\$0 \$0 \$0	\$0 \$0 \$627,020	\$0 \$0 \$0
			Federal: \$548,496 State: \$0 Local: \$137,124	TOTAL	\$685,620	\$58,600	\$0	\$627,020	\$0
					ESTIMATED TOTAL PROJECT COST: \$685,620				
8060-18 New	ST. LOUIS DR. MARTIN LUTHER KING DR NEWSTEAD AVE TO VANDEVENTER AVE LIGHTING - SIGNAL INTERCONNECT- SIGNAL IMPROVEMENTS LENGTH (mi): 0.8 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Safety	STP-S	Lighting Misc traffic control items/ITS Traffic Signals	PE ROW IMPL	\$200,000 \$0 \$1,600,000	\$0 \$0 \$0	\$200,000 \$0 \$0	\$0 \$0 \$1,600,000	\$0 \$0 \$0
			Federal: \$1,440,000 State: \$0 Local: \$360,000	TOTAL	\$1,800,000	\$0	\$200,000	\$1,600,000	\$0
					ESTIMATED TOTAL PROJECT COST: \$1,800,000				
8061-16 New	ST. LOUIS HALL STREET, PHASE 1 E. GRAND AVE TO ADELAIDE AVE RECONSTRUCTION - SIDEWALK (5') - RD DIET (4 TO 2 LN) LENGTH (mi): 0.59 AIR QUALITY STAT: Not Regionally Significant PROJ PURPOSE: Preservation	STP-S	Roadway Reconstruction Bi-directional Left-turn Ln. Sidewalks	PE ROW IMPL	\$500,000 \$0 \$3,800,000	\$0 \$0 \$0	\$500,000 \$0 \$0	\$0 \$0 \$3,800,000	\$0 \$0 \$0
			Federal: \$3,000,000 State: \$0 Local: \$1,300,000	TOTAL	\$4,300,000	\$0	\$500,000	\$3,800,000	\$0
					ESTIMATED TOTAL PROJECT COST: \$4,300,000				
8222-17 New	ST. LOUIS LAMBERT AIRPORT ROAD TRAFFIC FLOW IMPROVEMENTS ALONG LAMBERT INTL BLVD; AIRFLIGHT DR; AIR CARGO RD INTERSECTION IMPROVEMENTS - PTZ CAMERA - SIGNAL OPT LENGTH (mi): 2.5 AIR QUALITY STAT: Regionally Significant PROJ PURPOSE: Congestion	CMAQ	Signal Timing Progression Intersection Improvement	PE ROW IMPL	\$250,000 \$0 \$1,050,000	\$250,000 \$0 \$0	\$0 \$0 \$1,050,000	\$0 \$0 \$0	\$0 \$0 \$0
			Federal: \$1,040,000 State: \$0 Local: \$260,000	TOTAL	\$1,300,000	\$250,000	\$1,050,000	\$0	\$0
					ESTIMATED TOTAL PROJECT COST: \$1,300,000				