

Columbia Area Transportation Study Organization

DRAFT – JULY, 2017

**TRANSPORTATION
IMPROVEMENT PROGRAM**

FY 2018-2021

CATSO
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Disclaimer: The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Missouri Highways and Transportation Commission, the Federal Highway Administration, or the Federal Transit Administration.

INTRODUCTION

PURPOSE

The Transportation Improvement Program (TIP) is a program and schedule of intended transportation improvements (or a continuation of current activities) covering a four (4) year period, including projects utilizing funding from the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). The Columbia Area Transportation Study Organization (CATSO), the designated Metropolitan Planning Organization (MPO) for the Columbia metropolitan area, develops the TIP in cooperation with the Missouri Department of Transportation (MoDOT) and affected transit operators.

The TIP shall cover a period of no less than four years, be updated at least every four years, and be approved by the MPO and the Governor of Missouri. CATSO's policy is to update it every year unless circumstances require a less frequent schedule. It is then incorporated into Missouri's respective Statewide Transportation Improvement Program (STIP) by reference. It shall contain a priority list of projects to be carried out within each 4-year period or at least be grouped by year. Also, it shall provide a constrained financial plan that is capable of being implemented. The incorporation of the TIP into the STIP by reference occurs through a MoDOT STIP amendment modification that is reviewed and approved by FHWA and FTA (ONE DOT).

The TIP should also be considered the implementation tool of the Long Range Transportation Plan (LRTP): *CATSO 2040 Long-Range Transportation Plan* (LRTP). The LRTP was adopted by the CATSO Coordinating Committee on February 27, 2014.

The FY 2018-2021 TIP translates the policies, strategies, and directions of the LRTP into specific projects and related investments during the short-term four year TIP time horizon.

The CATSO planning process is done in accordance with the federal 3-C process of continuing, cooperative, and comprehensive planning.

Included in the FY 2018-2021 TIP document is the planned Program of Projects (POP) for COMO Connect (formerly Columbia Transit), the transit provider for the Columbia metropolitan planning area. The public notification for the public hearing to be held for consideration and potential approval of the TIP includes a reference to the POP. The public notice is part of the CATSO process established for public review of the TIP, and also meets the public involvement requirements for the POP.

REGIONAL TRANSPORTATION PRIORITIES

The priorities and challenges for the Columbia metropolitan planning area continue recent trends. A need to provide a variety of transportation options for area residents is an ongoing issue. The increased public demand for facilitation of non-motorized transportation options has continued and has been addressed with the federal funding through the Non-Motorized Pilot

Project, locally called GetAbout Columbia. Continuing to maintain, improve, and expand as necessary the regional roadway network to serve both motorized and non-motorized travel is a financial and management challenge.

Listed below are the goals from the current CATSO 2040 Long-range Transportation Plan (LRTP). The projects listed in this TIP address the implementation of these goals, with a priority focus on Goals 1, 2, 3, 4, and 7.

Goal 1: The Columbia Metro Area will have a first class street, highway and non-motorized network that meets the short and long-term needs of the Metro Area

Goal 2: The Metro Area transportation system will integrate and connect all travel modes

Goal 3: The public transportation system will be a viable transportation option throughout the Metro Area

Goal 4: Long-range land use and transportation planning will be coordinated on a regional and local basis

Goal 5: Encourage compact and infill development and redevelopment in under-invested areas

Goal 6: Integrate land use planning with infrastructure development

Goal 7: Provide safe and secure facilities and transportation infrastructure for residents, visitors and commerce in the Columbia Metro Area

PROJECT SELECTION

Projects to be funded/implemented shall be selected by the Missouri Department of Transportation (MoDOT), Boone County, the City of Columbia (including the transit operator), and private transportation providers in cooperation with the MPO.

Programs covered via the Coordinated Public Transit Human Services Transportation Plan, for which CATSO does not have a direct role in project selection, have been included. Project selection and priority criteria are applied by each of the individual public jurisdictions within the metropolitan area; MoDOT, Boone County, and the City of Columbia. Project selection is done by staff recommendations, the Missouri Highways and Transportation Commission, Boone County Commission, and the Columbia City Council.

TIP DEVELOPMENT PROCEDURES

The Columbia MPO has adopted a procedure which produces an updated and approved TIP at least every other year. The procedure is initiated cyclically through continual review of the transportation system's operational character. Each improvement type found in this program has a project selection procedure in which projects are ranked according to some criteria by the agency having jurisdiction over the project area.

The prioritization of recommended transportation improvement modifications begins at the basic level of management. The local units of government responsible for the provision and

maintenance of transportation facilities and the local transit operators determine their own individual priorities without major influence from outside agencies. CATSO considers those projects listed in the first year of the TIP to be first priority, and those in the following years to be second, third, and fourth priority, respectively.

In the public transportation component of this document, respective transit providers are listed, with subsequent programming areas and priorities reflected. This TIP, and subsequent amendments, as approved by the Coordinating Committee of the Columbia MPO and the Governor of the State of Missouri, constitutes the selection document for project implementation. The first year of projects listed in the TIP represent the agreed to list of projects eligible for implementation.

TIP FORMAT

This TIP is broken into ten categories by project (improvement) type and jurisdiction: MoDOT Roadway Projects; MoDOT Scoping; Boone County; City of Columbia Streets; City of Columbia Sidewalks; GetAbout Columbia (Non-Motorized Transportation Pilot Project); Rail-Highway; Transportation Alternatives; and Transit. Financial summaries demonstrating fiscal constraint are in the financial summary section.

The TIP project listing, beginning on page 21 of the PDF document, consists of a series of datasheets describing specific improvement types and providing the following project information:

- a. Name, location, and description of the proposed improvement.
- b. A schedule of expenditures in current dollars by fiscal year, including the funding source.
- c. Monitoring Progress in Implementing the Transportation Plan (23 CFR 450.324(n) (2)).
(Project status report)

In addition, a self-certification document signed by CATSO and MoDOT signifying that federal transportation planning process requirements are being met in the Columbia metropolitan planning area (MPA) is required. (23 CFR 450.334) This may be included internally in the TIP or processed separately. This document has been included in the Appendix.

The source documents for items within the TIP include, but are not limited to, the short-range element of the CATSO 2040 LRTP (adopted in February, 2014), the draft Capital Improvement Program (CIP) for the City of Columbia (FY 2017), and the current MoDOT FY 2017-2021 STIP.

AIR QUALITY DESIGNATION

At the present time, the United States Environmental Protection Agency has designated Columbia as being in attainment for Ozone, Carbon Monoxide (CO), Nitrogen Dioxide (NO₂), Small Particulate Matter (PM-2.5), Lead, and Sulfur Dioxide.

TIP MODIFICATIONS

Modifications to the TIP are classified into two categories, defined as follows:

1. Administrative Modifications:

Such a modification is defined as a minor revision to the TIP, including minor changes to project costs, funding sources of previously programmed projects, and project initiation years. Such modifications do not require public review or comment. Errors, project changes, or omissions in the final, approved TIP will be addressed administratively (without the need for Coordinating Committee approval or public comment) if the following conditions apply:

- a. The project budget change does not exceed 15 percent of the amount programmed (up to \$2,000,000).
- b. The project is already listed in the current year and does not require a move from an out-year of the TIP forward to the current year.
- c. A material change to the project is not required (in terms of scope).

The following procedure is used for processing an administrative modification for the TIP:

- a. The agency requesting administrative modification will notify the CATSO staff of the proposed modification.
- b. The CATSO staff will notify/consult with MoDOT, FHWA, and FTA representatives that the proposed modification is forthcoming.
- c. The CATSO staff will make the appropriate TIP document revisions to reflect the requested modification.
- d. The revised section(s) of the TIP will be forwarded to MoDOT, FHWA, and FTA for their review and files.
- e. The revised section(s) of the TIP will be forwarded to the CATSO Coordinating Committee for information purposes.

2. Amendments

Formal amendments involve major changes to the TIP, including the addition or deletion of a project, a major change in project cost (+/- 15 percent or +/- \$2,000,000), project year, or a major change in project scope or design.

The following procedure is used for processing an amendment modification for the TIP:

- a. The agency requesting amendment will notify the CATSO staff of the proposed amendment.
- b. The MPO will publish a public notice allowing a 15 day comment period on the proposed amendment, as well as utilizing the MPO public notification website.
- c. Comments will be directed to the CATSO staff.

- d. The proposed amendment is then placed on the agenda for the next meeting of the Coordinating Committee for discussion and modification. If timing allows, the Technical Committee will review and make recommendation to the Coordinating Committee. A majority of the quorum in attendance is required to approve said amendment.
- e. If the proposed amendment is approved by the Coordinating Committee, the approved project is forwarded to MoDOT with a request that the STIP be amended to reflect the MPO amendment modification. MoDOT will then forward the STIP amendment request to the Governor for his or her signature, and then to the FHWA Missouri Division and FTA Region VII (ONE DOT) for their approval.
- f. ONE DOT approval and its formal documentation of the STIP amendment to add requested projects to the TIP must occur prior to letting of the project. The approved project may then proceed after proper notifications of MoDOT and the appropriate federal agency having jurisdiction over the project.

A special telephone or e-mail canvas may be made for voting, if necessary, in an emergency. A majority vote of the Coordinating Committee (5 votes) shall be required to determine an emergency and may be accomplished by a telephone poll or e-mail canvas and vote. If not, the amendment will be discussed at the next regularly scheduled meeting of each Committee. “Special” is defined as any matter determined by the Chairman that necessitates being acted upon or addressed in-advance of the normally scheduled meeting.

PUBLIC PARTICIPATION PLAN

The CATSO Coordinating Committee adopted a revised Public Participation Plan on December 4, 2014 that is available at the following link under the Programs and Plans section:

http://www.gocolumbiamo.com/community_development/planning/boards_and_commissions/catsotso/documents/ApprovedCATSOPPP12-4-14Rev12-22.pdf

This document sets forth the public participation procedures for the MPO in general, including the procedure for the annual TIP, including language as follows:

Transportation Improvement Program

Procedure and Schedule for Preparation of the TIP. The TIP is reviewed annually between May and August. CATSO staff begins the process by soliciting transportation providers in writing for projects and programs and their anticipated funding amounts to include in each year’s TIP. CATSO staff then reviews the requests in consultation with all local jurisdictions and public agencies and prepares a draft TIP. Upon completion of this review, the draft TIP is posted for general public comment for a minimum period of thirty (30) calendar days. During this period, the TIP is circulated to members of the Technical Committee, who review the document and provide a recommendation to the Coordinating Committee. The Coordinating Committee then convenes a public hearing. Upon conclusion of the hearing, the Coordinating Committee may a) Approve the TIP as presented; 2) Approve the TIP with documented modifications; or 3) Table the TIP to a date certain for further consideration. After its approval, the TIP is transmitted to the

MoDOT Central Office to secure approval from the Governor of the State of Missouri and FHWA-FTA.

Inter-Agency Consultation. As required by MAP-21/FAST Act, CATSO will consult with local jurisdictions and public agencies during the development of the TIP. A copy of the draft TIP will be provided to appropriate agency staff and a period of 30 days will be allowed for their review and comment. Comments of agencies will be provided to the Coordinating Committee.

Annual Listing of Obligated Federally Funded Projects. This is a listing of federally funded projects for which funding was obligated in the previous year. An Annual Listing of Obligated Projects is not incorporated in this document. CATSO staff will develop and publish this listing within 90 days following the close of the CATSO fiscal year. The listing will be made available in accordance with CATSO's public participation plan for the TIP.

The listing will include the identification for each project, the amount of Federal funds requested in the TIP, the Federal funding that was obligated during the preceding fiscal year, and the Federal funding remaining and available for subsequent years.

Public Participation Process. To develop a more effective TIP, the MPO will have an open public involvement process that provides for the continuing and early involvement of the public in the development and amendment of the TIP.

1. The MPO will provide annual notice by June 1st of the calendar year to agencies that have previously submitted projects to the MPO, or other entities that have requested information. The notice shall include information concerning the transportation issues and processes used in developing a TIP submittal. This notice will provide the information required to propose projects for inclusion in the TIP and the timetable to be followed. MPO staff will be available to give these agencies and groups any assistance they might require in developing projects for submittal for the TIP.

2. Agencies submitting projects for inclusion in the TIP will include written documentation of the public involvement procedures used by that agency in selecting projects to include in the TIP and/or for federal funding, e.g., projects for which FTA Section 5307 funding is sought. If written or oral comments that question the need, scope or scheduling of TIP projects or that propose alternative projects are received during the TIP preparation process, the submitting agency will submit a summary, analysis and report on the disposition of the comments which will be made a part of the approved TIP.

The regulation concerning public participation reads as follows:

§ 450.316 Interested parties, participation, and consultation.

(a) The MPO shall develop and use a documented participation plan that defines a process for providing citizens, affected public agencies, representatives of public transportation employees, freight shippers, providers of freight transportation services, private providers of transportation, representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities,

representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process.

CATSO solicited public comments on the proposed FY 2018-2021 Transportation Improvement Program. The public comment period began on July 18, 2017, the time when the draft TIP was initially posted to the CATSO website page. The draft TIP was made available for public viewing and comment for 30 days via newspaper advertisement in the Columbia Daily Tribune and document posting on CATSO's website page at:

<http://www.como.gov/community-development/public-notifications-2/>

All public comments will be considered in finalizing the FY 2018-2021 project programming. The final document and amendments will be maintained and available for public access on the web, as well as the related documents referenced herein.

MONITORING PROGRESS IN IMPLEMENTING THE TRANSPORTATION PLAN
(23 CFR 450.324(l) (2)).

STATUS OF FY 2017-2020 TIP PROJECTS

Project

Status

MoDOT	
2015-5: (5I3001) I-70 Pavement improvements	Complete
2015-7: (5S3092) Payment to City of Columbia - Old 63/740	Complete
2016-3: Various Enhancement Projects	Not in STIP
2016-8: (5S3043B) Various Pavement and Bridge Improvements	Not in STIP
2017-1 (5P3165) US 63 Bridge Improvements	Jan 2018 Letting
2017-2 (5S3159) MO 763 Pavement Improvements	Jan 2018 Letting
2017-3 (5S3155) Route B Pavement Improvements	May 2017 Letting
2017-4 (0I3003I) Interstate 70 Pavement Repair	Not in STIP
2017-5 (5P3213) US 40 Pavement & Shoulder Improvements	Oct 2017 Letting
2017-6 (0P3018F) Various Routes – Safety Projects	Not in STIP
2017-7 (0P3019F) Various Routes – Safety Projects	Not in STIP
2017-8 (0P3020F) Various Routes – Safety Projects	Not in STIP
2017-9 (0S3017F) Various Routes – Enhancement Projects	Not in STIP
2017-10 (0S3019F) Various Routes – Enhancement Projects	Not in STIP
2017-11 (0S3020F) Various Routes – Enhancement Projects	Not in STIP
2017-12 (5P3183) Various Routes – Guard Cable/Guardrail	May 2017 Letting
2017-13 (5P3204) Various Routes – Chevron Installation	Feb 2017 Letting
2017-14 (5P3216) Various Routes – Improvements	Not in STIP
2017-15 (5P3180) Various Routes – Work Zone Enforcement	Complete
2017-16 (5P3217) Various Routes – Work Zone Enforcement	Ongoing

Boone County	
No projects listed	

City of Columbia- Streets	
2009-27: Burnham/Rollins/Providence Intersection Upgrade	Construction
2016-14: Discovery Drive South	Construction
2017-17: Ballenger (Route PP) Improvement Project	Preliminary Design
2017-18: Discovery Parkway Extension – Gans to New Haven	Preliminary Design
2017-19: Nifong Widening/Improvement Project	Preliminary Design

Project***Status***

City of Columbia - Sidewalks	
2015-16: Nifong-Bethel Sidewalk	Final Design
2017-20: Ninth & Elm Pedestrian Scramble	Preliminary Design

Transit - COMO Connect	
2015-18: Maintenance of existing operations & facilities	Ongoing
2009-74: Replacement of five (6) 40' New Flyer transit buses	Rollover
2009-95: Ten Bus Shelters	Complete
2010-15: Replacement of seven (7) 40' New Flyer transit buses	Rollover
2010-17: CT System; Bus Priority System, Traffic Signal Control	FY 2018
2016-15: New Bus Shelters	Rollover
Transit - OATS, Inc.	
2017-24 Purchase of two lift-equipped vehicles	Complete
2017-25 JARC funding for employment	Complete
Transit – Alternative Community Training, Inc.	
2017-22: Purchase of four lift-equipped mini-vans	Grant received for one (1), rollover

Transportation Alternatives - MoDOT/City of Columbia	
Carter Lane Sidewalk	Grant received

GetAbout Columbia – Non-Motorized Pilot Program	
2009-89: Staff & Payrolls	Ongoing
2009-90: Promotion & Education	Ongoing
2013-7: Bike Boulevard, MKT to BL 70 and Providence	Final Design
2013-19: Program Evaluation & Documentation	Ongoing
2013-21: County House Trail Phase 2 West	Final Design
2013-22: Clark Lane & Hinkson Creek Trail Pedway	Final Design
2013-23: Shepard to Rollins Trail connection	Final Design

Rail/Highway	
2017-21 O'Rear Road Crossing	Complete

FINANCIAL SUMMARY

PROJECT LISTINGS

TIP project listings were provided by the individual agencies from each of CATSO's member jurisdictions: MoDOT, Boone County, and the City of Columbia. Specific financial information on MoDOT projects was provided by the MoDOT Central District Office. For Boone County projects, data was provided by Boone County Public Works and the Auditor's Office. For the City of Columbia, the following departments contributed project financial information: Finance, Public Works (including COMO Connect), GetAbout Columbia, and the Community Development Department.

FORECASTED REVENUE ESTIMATES

Revenue forecasts for future funding for the TIP were derived from consultation with specific CATSO member departments such as Boone County Auditor's Office and Public Works Department, City of Columbia Finance Department and Public Works Department, and MoDOT Transportation Planning. These projections are reflected in the Financial Summary section for each project.

Federal Revenue

The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) publish notices in the Federal Register that estimates the federal fiscal year allocations by program year for each urbanized area. These estimates are used as the anticipated federal funding amount. Assumptions for federal funding availability are based on MoDOT projections for the state system. For Boone County, federal funding for projects is intermittent and no assumptions are made for federal funding availability in the future. For other City of Columbia project categories using federal funds such as Transportation Alternatives (TAP) and Traffic Engineering Assistance Program (TEAP), no specific future funding projections are made given the lack of a specific allocation, as well as the competitive nature of this funding source.

MoDOT combines FHWA and FTA funding estimates with state transportation revenue projections to estimate funding for transportation and includes them in the Statewide Transportation Improvement Program (STIP). CATSO uses these projections to determine fiscal constraint relative to the projects programmed in the TIP.

CATSO is responsible for programming projects within the federal revenue categories of Off-System Bridge (BRO) and Non-Motorized Pilot Program (GetAbout Columbia). Please note that all fiscal years included in the revenue tables refer to the federal fiscal year, which runs from October 1 to September 30 annually.

Table 1 – Anticipated Federal Funding FY 2018 through FY 2021

Anticipated Federal Funds	FY 2018	FY 2019	FY 2020	FY 2021	Total
<i>FHWA Revenues</i>					
BRO – Boone County	\$0	\$0	\$0	\$0	\$0
Rail-Highway	\$0	\$0	\$0	\$0	\$0
Non-Motorized Project	\$1,500,000	\$2,035,000	\$650,000	\$0	\$4,185,000
Transportation Alternatives	\$279,896	\$0	\$0	\$0	\$279,896
MoDOT STP	\$6,217,200	\$16,000	\$16,000	\$1,993,300	\$8,242,500
MoDOT Safety	\$32,400	\$32,400	\$1,120,800	\$0	\$1,185,600
MoDOT NHPP	\$519,200	\$4,027,200	\$0	\$0	\$4,546,400
<i>FHWA Sub-Total</i>	<i>\$8,548,696</i>	<i>\$6,110,600</i>	<i>\$1,786,800</i>	<i>\$1,993,300</i>	<i>\$18,439,396</i>
<i>FTA Revenues</i>					
FTA Section 5307 Operating	\$2,303,286	\$2,303,286	\$2,303,286	\$2,303,286	\$9,213,144
FTA Section 5339 Capital	\$7,011,587	\$0	\$0	\$0	\$7,011,587
FTA Section 5310	\$247,000	\$128,000	\$188,800	\$128,000	\$691,800
FTA Section 5311	\$55,000	\$58,000	\$60,000	\$62,000	\$235,000
FTA Section 5316	\$91,000	\$0	\$0	\$0	\$91,000
<i>FTA Sub-Total</i>	<i>\$9,707,873</i>	<i>\$2,489,286</i>	<i>\$2,552,086</i>	<i>\$2,493,286</i>	<i>\$17,242,531</i>
<i>Federal Totals</i>	<i>\$18,256,569</i>	<i>\$8,599,886</i>	<i>\$4,338,886</i>	<i>\$4,486,586</i>	<i>\$35,681,927</i>

State Revenue

MoDOT's principal sources of state revenue for road maintenance are motor vehicle fuel taxes, licenses and fees and 71 percent of motor vehicle sales tax collected statewide. It is expected that these sources of revenue will continue, though potentially at a lesser level of funding, and MoDOT's maintenance obligations in the CATSO MPA will be funded.

Table 2 – MoDOT Estimated State Revenues for Operations & Maintenance

Anticipated State Revenue	2018	2019	2020	2021	Total
State tax, License & Fees	\$1,980,000	\$1,980,000	\$1,980,000	\$1,980,000	\$7,920,000

Local Revenue

The majority of local funding for transportation projects in the Columbia MPA is derived from sales taxes.

Boone County receives revenue from several sources, including a dedicated one-half cent sales tax. This sales tax revenue is used, in part, to replace a portion of dedicated property tax revenue: the dedicated property tax levy was reduced, but not eliminated, in conjunction with voter approval of the sales tax. In addition, a portion of the sales tax revenue is distributed to entities within the county (cities and special road district). The net amount retained by Boone County is used to pay for maintenance and improvement of the County's roadway infrastructure. In 2007, this sales tax was renewed by voters and is authorized through 2018. This document presumes that this tax will be reauthorized by the public prior to its expiration date. In addition to the one-half cent sales tax, Boone County receives revenue from a dedicated property tax levy (reduced, as described above), revenues from the state-wide fuel tax, revenues from motor vehicle licensing fees, and a portion of the state's sales taxes derived from the sale of motor vehicles. Some, but not all, of Boone County's infrastructure assets are located within the CATSO area; accordingly, revenue amounts shown in the table below have been pro-rated. Amounts shown in the table below have also been reduced by the amounts distributed to other entities. Boone County also receives federal funding for bridge projects; this funding is received on an intermittent basis and there is no funding currently shown in Table 1.

The City of Columbia has a dedicated ½ cent transportation sales tax. This tax is utilized for airport operations, transit system operations, street and sidewalk maintenance, and system improvement projects. This is a permanent sales tax. In addition, the City has a ¼ cent capital improvement sales tax, which is used in part for street and sidewalk construction projects. This tax was renewed by voters in August 2015. Other revenues for transportation projects come from development charges, user fees, special assessments, and the sale of general obligation bonds. Transportation development districts (TDDs) are another source of revenue for transportation projects; although not included in this discussion given they are not administered by the political jurisdictions within the CATSO MPA. Total revenues received from the two City sales tax sources over the four-year TIP period are estimated at \$73,076,389.

The City also receives revenue from Boone County as part of a County rebate program, and funds through MoDOT from revenue derived from motor vehicle tax, gasoline tax, sales and use tax, and licenses and fees. Total revenues received from these specific sources over the four-year TIP period are estimated at \$34,743,920.

Revenue estimates in Table 3A were provided by the Boone County Auditor's office. The revenue estimates in Table 3B were provided by the City of Columbia Finance Department. Tables 3A and 3B provide a summary of local tax revenue sources. For the Boone County ½ cent sales tax and dedicated property tax, an annual inflation factor of 1.5 percent was generally employed. An inflation factor of 1 percent was employed for the City of Columbia ½ cent

transportation sales tax and ¼ cent capital improvement sales tax revenue projections. Other revenue sources are projected to be flat across the FY 2017-2020 budget period.

Table 3A - Boone County Projected Local Revenues 2018 through 2021

Anticipated Local Revenue	2018	2019	2020	2021	Total
Boone County ½ cent sales tax	\$3,836,634	\$3,894,184	\$3,952,596	\$4,011,885	\$15,695,300
Boone County dedicated property tax	\$414,121	\$422,403	\$430,851	\$439,469	\$1,706,844
Boone County gas tax	\$383,040	\$383,040	\$383,040	\$383,040	\$1,532,160
Boone County motor vehicle fees & sales tax	\$143,640	\$143,640	\$143,640	\$143,640	\$574,560
TOTALS	\$4,777,435	\$4,843,267	\$4,910,128	\$4,978,034	\$19,508,864

Table 3B – City of Columbia Projected Local Revenues 2018 through 2021

Anticipated Local Revenue	2018	2019	2020	2021	Total
City of Columbia Boone County Rebate tax	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000
City of Columbia ½ cent sales tax	\$11,998,310	\$12,118,293	\$12,239,476	\$12,361,871	\$48,717,950
City of Columbia 1/4 cent sales tax	\$5,999,023	\$6,059,013	\$6,119,603	\$6,180,799	\$24,358,439
Gasoline Tax (City)	\$2,983,251	\$2,983,251	\$2,983,251	\$2,983,251	\$11,933,004
Motor Vehicle Tax (City)	\$1,438,375	\$1,438,375	\$1,438,375	\$1,438,375	\$5,753,500
Public Improvement Fund/Dev. Fees	\$2,223,893	\$2,234,132	\$2,244,473	\$2,254,918	\$8,957,416
City CDBG Revenue	\$100,000	\$0	\$0	\$0	\$100,000
TOTALS	\$26,742,852	\$26,833,064	\$27,025,178	\$27,219,214	\$107,820,309

Table 4 - Summary of Forecasted Federal, State & Local Revenue 2018 Through 2021

Anticipated Revenue Source	2018	2019	2020	2021	Total
Federal	\$18,256,569	\$8,599,886	\$4,338,886	\$4,486,586	\$35,681,927
State (MoDOT)	\$6,069,200	\$24,292,900	\$2,961,200	\$2,220,700	\$35,544,000
Boone County	\$4,777,435	\$4,843,267	\$4,910,128	\$4,978,034	\$19,508,864
City of Columbia	\$26,742,852	\$26,833,064	\$27,025,178	\$27,219,214	\$107,820,309
TOTALS	\$67,387,472	\$43,287,527	\$79,066,969	\$39,702,818	\$229,444,786

Note: Above includes state funding for operations and maintenance, capital projects, and transit operations.

- Revenue estimates for state funding were received directly from MoDOT. Please refer to the (state fiscal year) 2017-2020 STIP for more information.

MoDOT OPERATIONS AND MAINTENANCE

Maintenance costs include MoDOT's salaries, materials and equipment needed to deliver the roadway and bridge maintenance programs. This category includes basic maintenance activities like minor surface treatments such as: sealing, small concrete repairs and pothole patching; mowing right of way; snow removal; replacing signs; striping; repairing guardrail; and repairing traffic signals. Performing these activities requires employees; vehicles and other machinery; and materials such as salt, asphalt and fuel. Maintenance operations expenditures are expected to increase 1.5% annually.

Calculations are \$372,986,000 / 77,537 lane miles.

This makes MoDOT's cost, \$4,810 per lane mile

Assumptions:

Maintenance Operations	\$472,304,000 *
Fleet Investments	<u>\$ 24,607,000 *</u>
Total	\$496,911,000
Minus Maintenance Fringe Benefits	<u>\$123,925,000</u>
Total	\$372,986,000

Lane miles 77,537 **

*Source: FY 2018 Budget approved 6/7/2017

** Source: Official 2016 State System Mileage

Local Jurisdictions

The City of Columbia and Boone County were asked to furnish an estimate of annual operation and maintenance costs for locally owned roadways within the CATSO MPA.

This information is used in conjunction with financial estimates, including projected growth rates, to determine the balance between maintaining the existing roadway system and programming for system expansion/reconstruction. Local jurisdictions within the Columbia metropolitan planning area are able to give greater consideration to these matters knowing how the projected operation and maintenance costs may impact funding for expansion projects.

Table 5 - Estimated Maintenance Costs for Federal Aid Road Mileage in CATSO MPA

Maintenance Costs-Federal Aid System	Lane Miles	Cost Per Mile*	2018	2019	2020	2021	Total
State System MoDOT	171	\$4,810	\$822,510	\$847,185	\$872,601	\$898,779	\$3,441,075
Boone County	39	\$6,624	\$258,333	\$266,083	\$274,065	\$282,287	\$1,080,768
City of Columbia	150.6	\$8,953	\$1,348,286	\$1,388,734	\$1,430,396	\$1,473,308	\$5,640,724
TOTAL	360.6	—	\$2,429,129	\$2,502,002	\$2,577,062	\$2,654,374	\$10,162,568

* - Base cost per mile for FY 2018 is in 2017 dollars, 3 percent inflation factor per year added for out years.

Maintenance and operations for only federal-aid public roadways in the CATSO MPA are accounted for in the chart above. All jurisdictional maintenance costs per lane mile are updated figures for 2018. These figures were revised based on previous document numbers and an inflation factor applied. For MPA roadways that are not part of the federal-aid system, the maintenance cost per centerline mile is lower due to multiple factors, including lower traffic volumes.

The lane per mile cost figures above could also be utilized to calculate the maintenance costs for all roadways maintained by the local jurisdictions within the MPA, beyond the federal aid system. The City of Columbia maintains 1150 lane miles of roadway, while Boone County maintains 604 lane miles of roadway within the CATSO MPA. For example, the anticipated total street maintenance budget for Columbia for FY 2018 is \$10,296,906, which divided by the roadway miles gives a lane mile cost of \$8,954.

Tables 6 and 7 illustrate the total revenues projected to be available for the City of Columbia and Boone County, respectively, for both operations and maintenance and capital projects over the four-year TIP period.

Table 6 – City of Columbia Funding Summary – Roadway Network Projects

City of Columbia	2018	2019	2020	2021	Total
Total Estimated Revenue	\$26,742,852	\$26,833,064	\$27,025,178	\$27,219,214	\$107,820,309
Estimated Operations & Maintenance Costs	\$10,296,906	\$10,605,813	\$10,923,987	\$11,251,707	\$43,078,413
Funds Available for Capital Projects	\$16,445,946	\$16,227,251	\$16,101,191	\$15,967,507	\$64,741,895
Local Share of TIP Projects with Federal Funds	\$69,974	\$0	\$0	\$0	\$69,974
Funds Available* for Additional TIP Projects	\$16,375,972	\$16,227,251	\$16,101,191	\$15,967,507	\$64,671,921

* Operations and maintenance for Go COMO will also be taken from funding balance (½ cent TST revenues) as is an annual capital projects amount. Go COMO also has additional funding sources not available for roadway projects. Further funding for capital projects could potentially be available from City of Columbia previous year allocations and reserve funds.

Table 7 – Boone County Funding Summary – Roadway Network Projects (CATSO MPA)

Boone County	2018	2019	2020	2021	Total
Total Estimated Revenue (CATSO MPA only)	\$4,777,435	\$4,843,267	\$4,910,128	\$4,978,034	\$19,508,864
Estimated Operations & Maintenance Costs	\$4,001,000	\$4,121,030	\$4,244,661	\$4,372,001	\$16,738,692
Funds Available for Capital Projects	\$776,435	\$722,237	\$665,467	\$606,033	\$2,770,173
Local Share of TIP Projects with Federal Funds	\$0	\$0	\$0	\$0	\$0
Funds Available* for Local Projects	\$776,435	\$722,237	\$665,467	\$606,033	\$2,770,173

* Additional funding could potentially be available from Boone County reserve funds for capital roadway projects.

The City of Columbia and Boone County ½ cent sales taxes, plus additional City funding sources, produce adequate revenue that demonstrates that local jurisdictions within the CATSO MPA boundary are able to fund the local share of federally-funded projects programmed in the TIP as well as maintain the local roadway system, including the portions of the federal-aid system maintained by said jurisdictions, over the TIP horizon period.

TRANSIT

The transit operations and maintenance expenses include the salaries and fringe benefits of bus operators, fleet mechanics and administrative staff. It also contains the expenses for maintenance staff of system facilities. Facility maintenance expenses include routine replacement of various parts in the bus washing facility and fuel for fleet operations, the latter being a major expense.

Table 8 – City of Columbia Funding Summary – Go COMO Projects

City of Columbia	2018	2019	2020	2021	Total
Estimated Federal, State, Transfers for Go COMO Operations/Maintenance	\$2,323,286	\$2,323,286	\$2,323,286	\$2,323,286	\$9,293,144
City of Columbia 1/2 cent Transportation Sales Tax Revenue Transfers	\$2,496,933	\$2,555,674	\$2,615,002	\$2,674,925	\$10,342,534
Other Local Revenues – Fees, etc.	\$1,999,943	\$2,019,075	\$2,038,399	\$2,057,915	\$8,115,332
CIST & TST Transfers for Capital Projects	\$294,434	\$294,434	\$294,434	\$294,434	\$1,177,736
Other Transfers (Reserves, etc.) as Needed	\$282,273	\$282,273	\$282,273	\$282,273	\$1,129,092
Total Estimated Revenue	\$7,396,869	\$7,474,742	\$7,553,394	\$7,632,833	\$30,057,838
Estimated Operations & Maintenance Costs	\$6,925,991	\$6,995,251	\$7,065,203	\$7,135,855	\$28,122,301
Funds Available for Capital Projects**	\$470,878	\$479,491	\$488,191	\$496,978	\$1,935,537

**Additional funding for capital projects could potentially be available from City of Columbia previous year allocations and reserve funds.

PROJECT COST ESTIMATES

General cost estimates are utilized for projects in out years, and other projects for which detailed construction plans are not yet available. As an example, for street projects, the City of Columbia utilizes per lineal foot (plf) cost estimates of \$1,550 plf for major arterials, \$1,100 plf for minor arterials, \$800 plf for major collectors, and \$700 plf for neighborhood collector streets. It is assumed that 10 percent of the total project cost will be for design/engineering, plus a general figure of \$100 plf for right-of-way is utilized.

Detailed project cost estimates are made using methodologies which include the cost of right-of-way acquisition, utility relocation, design, and construction. There is a large degree of variability; given not all of the factors noted apply for each project. Given the unique nature of each street project, additional construction money may be added for bridge construction, culverts, and other necessary features. Project costs are done in accordance with the construction cost data for the mid-Missouri area. Total cost figures shown for each roadway project represent the estimated cost of constructing the roadway to the adopted design standard for its classification. For other projects, such as sidewalks and trails, the figures reflect the total cost of building the project to the general adopted standard, e.g. 5-foot width for sidewalks.

Note: Individual project listings by jurisdiction and transportation type, financial summaries spreadsheets, and appendices are attached in separate documents.

FINANCIAL CONSTRAINT

The FY 2018-2021 TIP includes a total of \$100,859,105 in capital projects, with \$35,454,731 in federal funds, \$27,662,000 in state funds, and \$38,022,270 in local funding applied to those projects. Total anticipated revenue available for transportation purposes over the four-year TIP period is approximately \$35,681,927 in federal dollars, \$35,564,000 in state funds and \$127,504,777 in local funds. This is a total of \$198,750,704.

Depending upon future federal legislation, additional funds for Transportation Alternatives and other programs might be anticipated in the out years of the TIP period. It should be noted that \$7,703,387 of the estimated federal funding shown is FTA capital and other non-operating transit funding, e.g. Section 5339. The receipt of these categories of funding is competitive and not assured. Applications for this funding must be submitted on an annual basis and due to the funding limitations grant awards may not be realized.

Operations and Maintenance (O & M) needs are accounted for in the revenue forecasts and in the programming of projects. The projected numbers below are for those roadways in the Federal-aid roadway system.

For the City of Columbia, a total of \$5,640,724 in streets and sidewalks O & M is projected to be programmed for the federal-aid system (150.6 lane miles) over the four-year TIP period.

And a total of \$22,059,321 in local (City of Columbia 1/2 cent transportation sales tax) funds, \$88,000 in state (MoDOT transit operating) funds, and \$9,213,144 in Federal (FTA Section 5307) funds are projected to be programmed for transit O & M. This is a total of \$31,352,465. Unlike the other O & M categories, the transit funds are included in the TIP's list of programmed capital projects.

For Boone County, a total of \$1,080,768 is projected to be programmed for streets O & M for the federal-aid system (39 lane miles) in the Columbia MPA.

For MoDOT, a total of \$3,441,075 is projected to be programmed for O & M for the federal-aid system (171 lane miles) in the Columbia MPA.

Total maintenance costs for the federal-aid system anticipated among all jurisdictions are \$10,162,568. As noted, this does not include transit O & M costs, which are included in the capital cost totals. Nor does it include the remainder of the street system in the Columbia MPA (non federal-aid mileage), Columbia Regional Airport maintenance and operation costs, which are covered by the same City of Columbia sources of revenue utilized for surface transportation.

Combined with programmed capital projects, a total of \$111,021,673 in costs is anticipated. The anticipated revenue of \$198,750,704 is adequate to fund those projected costs. Additional projected revenue not shown as programmed in the FY 2018-2021 TIP is dedicated to other transportation responsibilities of the City of Columbia and Boone County, a major part of which is the maintenance of the non-federal aid roadway system. Projected revenue to be received will also be programmed for future transportation projects as prioritized by the individual jurisdictions, and as new needs arise.

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	US 63 - Bridge Improvements	ENG	Federal	\$88,000				\$88,000	
			State	\$22,000				\$22,000	
MoDOT #	5P3165		Local						
TIP #	2017-1		State (AC)						
Description:	Bridge improvements over Bonne Femme Creek. Project involves bridge A3125. Critical condition	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal	\$407,200				\$407,200	
Federal Funding Category	NHPP		State	\$101,800				\$101,800	
MoDOT Funding Category	Taking Care of System		Local						
Work or Fund Category	ENG/CON		Other						
Total Project	\$763,000		State (AC)						
Total Project Cost includes prior programming of \$144,000.				TOTAL	\$619,000	\$0	\$0	\$0	\$619,000

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Route PP - Pavement and Shoulder Improvements	ENG	Federal						
			State		\$1,000			\$1,000	
MoDOT #	5S3227		Local						
TIP #	2018-1		State (AC)						
Description:	Payment to City of Columbia for pavement and shoulder improvements from Mexico	ROW	Federal						
			State						
			Local						
			Other						
Federal Source		CON	Federal						
Federal Funding Category									
			State		\$1,800,000			\$1,800,000	
MoDOT Funding Category	Taking Care of the System								
Work or Fund Category	ENG/CON		Local						
			Other						
Total Project Cost	\$1,801,000		State (AC)						
Total Project Cost includes prior programming of \$0.			TOTAL	\$0	\$1,801,000	\$0	\$0	\$1,801,000	

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Various Routes - Pavement and Shoulder	ENG	Federal						
			State	\$9,800	\$9,600			\$19,400	
MoDOT #			5S3257	Local					
TIP #			2018-2	State (AC)	\$39,200	\$38,400			\$77,600
Description:	Includes pavement and shoulder improvements on Route 163 from Route K to Route H	ROW	Federal						
			State	\$1,000			\$1,000		
			Local						
			State (AC)	\$4,000			\$4,000		
Federal Source	FHWA	CON	Federal						
Federal Funding Category	STBG		State		\$1,148,600			\$1,148,600	
MoDOT Funding Category	Taking Care of the System		Local						
Work or Fund Category	ENG/ROW/CON		Other						
Total Project	\$5,840,000		State (AC)		\$4,589,400			\$4,589,400	
Total Project Cost includes prior programming of \$0.				TOTAL	\$54,000	\$5,786,000	\$0	\$0	\$5,840,000

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	IS 70 - Pavement Repair	ENG	Federal						
			State	\$2,300					\$2,300
MoDOT #	0I3004I		Local						
TIP #	2018-3		State (AC)	\$20,700					\$20,700
Description:	Job Order Contracting for asphalt pavement repair in Cooper, Boone, & Callaway Counties	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal						
Federal Funding Category	NHPP								
			State	\$25,500				\$25,500	
MoDOT Funding Category	Statewide Interstate and Major Bridge								
			Local						
Work or Fund Category	ENG/CON		Other						
Total Project	\$273,000		State (AC)	\$224,500				\$224,500	
Total Project Cost includes prior programming of \$0.			TOTAL	\$273,000	\$0	\$0	\$0	\$0	\$273,000

MoDOT Roadway, Payment & Construction Projects

County: BooneMoDOTFunding				State Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	IS 70 - Pavement Repair	ENG	Federal					
			State	\$2,300				\$2,300
MoDOT #	0I3004Z		Local					
TIP #	2018-4		State (AC)	\$20,700				\$20,700
Description:	Job Order Contracting for asphalt pavement repair in Cooper, Boone, & Callaway Counties	ROW	Federal					
			State					
			Local					
			Other					
Federal Source	FHWA	CON	Federal					
Federal	NHPP		State	\$25,500				\$25,500
MoDOT Funding Category	Statewide Interstate and Major Bridge		Local					
Work or Fund Category	ENG/CON		Other					
Total Project	\$273,000		State (AC)	\$224,500				\$224,500
Total Project Cost includes prior programming of \$0.				TOTAL	\$273,000	\$0	\$0	\$0

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	MO 163 - ADA Improvements	ENG	Federal	\$155,200					
			State	\$38,800				\$38,800	
MoDOT #	5S3218		Local						
TIP #	2018-5		State (AC)					\$0	
Description:	ADA improvements at various locations from Vandiver Drive to Route K. Includes \$759,000 from	ROW	Federal	\$12,000					
			State	\$3,000				\$3,000	
			Local						
			State (AC)					\$0	
Federal Source	FHWA	CON	Federal	\$747,200					
Federal Funding Category	NHPP								
			State	\$186,800				\$186,800	
MoDOT Funding Category	Taking Care of the System								
			Local						
Work or Fund Category	ENG/ROW/CON								
			Other						
Total Project	\$1,153,000		State (AC)					\$0	
Total Project Cost includes prior programming of \$10,000.			TOTAL	\$1,143,000	\$0	\$0	\$0	\$228,600	

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT	Funding	State Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	US 63 - Pavement Improvements	ENG	Federal	\$9,600	\$268,000			\$277,600
			State	\$2,400	\$67,000			\$69,400
MoDOT #	5P3235		Local					
TIP #	2018-6		State (AC)					
Description:	Pavement improvements on the NB and SB lanes from Route 22 to Route 763 in Columbia.	ROW	Federal					
			State					
			Local					
			Other					
Federal Source	FHWA	CON	Federal		\$3,704,000			\$3,704,000
Federal Funding Category	NHPP							
			State		\$926,000			\$926,000
MoDOT Funding Category	Taking Care of the System		Local					
Work or Fund Category	ENG/CON		Other					
Total Project			State (AC)					
Total Project Cost includes prior programming of \$0.			TOTAL	\$12,000	\$4,965,000	\$0	\$0	\$4,977,000

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
			2018		2019	2020	2021	TOTALS	
Project	US 63 - Bridge Improvements	ENG	Federal	\$24,000	\$484,000			\$508,000	
			State	\$6,000	\$121,000			\$127,000	
MoDOT #	5P3287		Local						
TIP #	2018-7		State (AC)						
Description:	Bridge improvements from Route AC to 2.9 miles of Route 54 in Callaway County. Includes total of	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal		\$3,543,200			\$3,543,200	
Federal Funding Category	NHPP								
			State		\$885,800			\$885,800	
MoDOT Funding Category	Taking Care of the System								
Work or Fund Category	ENG/CON		Local						
			Other						
Total Project	\$5,064,000		State (AC)						
Total Project Cost includes prior programming of \$0.			TOTAL	\$30,000	\$5,034,000	\$0	\$0	\$5,064,000	

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Route HH - Bridge improvements	ENG	Federal						
MoDOT #	5S3249		State	\$2,000	\$4,000	\$18,600		\$24,600	
TIP #	2018-8		Local						
			State (AC)	\$8,000	\$16,000	\$74,400		\$98,400	
Description:	Bridge improvements over Hinkson Creek. Project involves bridge N0852.	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal						
Federal Funding Category	STBG								
MoDOT Funding Category	Taking Care of the System		State			\$117,400		\$117,400	
Work or Fund Category	ENG/CON		Local						
			Other						
Total Project			State (AC)			\$469,600		\$469,600	
Total Project Cost includes prior programming of \$0.			TOTAL	\$10,000	\$20,000	\$680,000	\$0	\$710,000	

MoDOT Roadway, Payment & Construction Projects

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	
Project	MO 763 - Pavement Improvements	ENG	Federal					\$0	
			State	\$47,600				\$47,600	
MoDOT #	5S3159		Local						
TIP #	2017-2		State (AC)	\$190,400				\$190,400	
Description:	Pavement improvements from Bus. 70 to Rte. 740 in Columbia.	ROW	Federal					\$0	
			State				\$0		
			Local						
			Other						
Federal Source	FHWA	CON	Federal						
Federal Funding Category	STBG								
			State	\$410,000				\$410,000	
MoDOT Funding Category	Taking Care of the System								
Work or Fund Category	ENG/ROW/CON		Local						
			Other						
Total Project	\$2,455,000		State (AC)	\$1,638,000				\$1,638,000	
Total Project Cost includes prior programming of \$169,000.			TOTAL	\$2,286,000	\$0	\$0	\$0	\$2,286,000	

MoDOT Roadway, Payment & Construction Projects

County: Howard MoDOT Funding				State Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	US 40 - Pavement & Shoulder Improvements	ENG	Federal	\$850,400				\$850,400
			State	\$212,600				\$212,600
MoDOT #	5P3213		Local					
TIP #	2017-5		State (AC)					
Description:	Pavement and shoulder improvements from Rte. 5 to Rte. UU in Boone County.	ROW	Federal	\$4,000				\$4,000
			State	\$1,000				\$1,000
			Local					
			Other					
Federal Source	FHWA	CON	Federal	\$3,518,400				\$3,518,400
Federal Funding Category	STBG		State	\$879,600				\$879,600
MoDOT Funding Category	Taking Care of System		Local					
Work or Fund Category	ENG/CON		Other					
Total Project	\$5,476,000		State (AC)					
Total Project Cost includes prior programming of \$10,000.				TOTAL	\$5,466,000	\$0	\$0	\$0

MoDOT Roadway, Payment & Construction Projects

County: Various		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Various Routes - Safety Projects	ENG	Federal					\$118,800	\$118,800
			State					\$13,200	\$13,200
MoDOT #	0P3021F		Local						
TIP #	2018-9		State (AC)						
Description:	Safety projects at various locations in the Central District. \$1,205,000 from Statewide Transportation	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal					\$1,858,500	\$1,858,500
Federal Funding Category	STBG								
			State					\$206,500	\$206,500
MoDOT	Taking Care of the System		Local						
Work or Fund Category	ENG/CON/FFOS		Other						
Total Project Cost	\$2,197,000		State (AC)						
Total Project Cost includes prior programming of \$0.			TOTAL		\$0	\$0	\$0	\$2,197,000	\$2,197,000

MoDOT Roadway, Payment & Construction Projects

County: Various		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Various Routes - ADA Transition Plan	ENG	Federal				\$67,200		\$67,200
			State				\$16,800		\$16,800
MoDOT #	0S3021F		Local						
TIP #	2018-10		State (AC)						
Description:	ADA Transition Plan improvements at various locations in the Central District. \$1,890,000 from	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	CON	Federal				\$1,053,600		\$1,053,600
Federal Funding Category	Safety								
			State				\$263,400		\$263,400
MoDOT Funding Category	Safety								
			Local						
Work or Fund Category	ENG/CON/FFOS		Other						
Total Project Cost	\$1,401,000		State (AC)						
Total Project Cost includes prior programming of \$0.			TOTAL		\$0	\$0	\$1,401,000	\$0	\$1,401,000

MoDOT Roadway, Payment & Construction Projects

County: Various		MoDOT	Funding	State Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Various Routes - Guardrail or Guard Cable Repair	ENG	Federal					
			State	\$7,600				\$7,600
MoDOT #			5P3274	Local				
TIP #			2018-11	State (AC)	\$30,400			
Description:	Job Order Contracting for guard cable and guardrail repair on various routs in the northern part of the	ROW	Federal					
			State					
			Local					
			Other					
Federal Source	FHWA	CON	Federal					
Federal Funding Category	STBG							
			State	\$101,500				
MoDOT Funding Category	Taking Care of the System							
Work or Fund Category	ENG/CON		Local					
			Other					
Total Project Cost	\$548,000							
		State (AC)	\$408,500					\$408,500
Total Project Cost includes prior programming of \$0.								
			TOTAL	\$548,000	\$0	\$0	\$0	\$548,000

MoDOT Roadway, Payment & Construction Projects

County: Various				State Fiscal Year				
MoDOT		Funding		2018	2019	2020	2021	TOTALS
Project	Various Routes - Work Zone Enforcement	ENG	Federal	\$900				\$900
MoDOT #	5P3217		State	\$100				\$100
TIP #	2017-16		Local					
Description:	On-call work zone enforcement at various locations in the Central District.		State (AC)					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source	FHWA	PAYMENT	Federal	\$31,500				\$31,500
Federal Funding Category	Safety							
MoDOT Funding Category	Safety		State	\$3,500				\$3,500
Work or Fund Category	PAYMENTS		Local					
			Other					
Total Project Cost	\$35,000		State (AC)					
Total Project Cost includes prior programming of \$0.			TOTAL	\$36,000	\$0	\$0	\$0	\$36,000

MoDOT Roadway, Payment & Construction Projects

County: Boone				MPO Fiscal Year				
MoDOT		Funding		2018	2019	2020	2021	TOTALS
Project	Various Routes - Work Zone Enforcement	ENG	Federal		\$900			\$900
			State		\$100			\$100
MoDOT #	5P3224		Local					
TIP #	2018-12		State (AC)					
Description:	On-call work zone enforcement at various locations in the Central District	ROW	Federal					
			State					
			Local					
			Other					
Agency	FHWA	PAYMENT	Federal		\$31,500			\$31,500
Federal Funding Category	Safety		State		\$3,500			\$3,500
MoDOT Funding Category	Safety		Local					
Work or Fund Category	ENG/Payments		State (AC)					
Total Project Cost	\$36,000							
Total Project Cost (state portion) includes prior programming of \$0.			TOTAL	\$0	\$36,000	\$0	\$0	\$36,000

MoDOT Roadway, Payment & Construction Projects

County: Various		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	State System Bridge Inspection Program	ENG	Federal	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000	
			State	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000	
MoDOT #			Local						
TIP #	2015-10		State (AC)						
Description:	State system bridge inspection program	ROW	Federal						
			State						
			Local						
			Other						
Federal Source	FHWA	PAYMENT	Federal						
Federal Funding Category	STBG								
MoDOT Funding Category	State								
Work or Fund Category	ENG								
Total Project	\$10,000 Annual		State (AC)						
Total Project Cost includes prior programming of \$0.			TOTAL	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000	

MoDOT Roadway, Payment & Construction Projects

County: Various MoDOT Funding				State Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Non-State System Bridge Inspection Program	ENG	Federal	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000
MoDOT #			State	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000
TIP #	2015-11		Local					
Description:	Non-state system bridge inspection program	ROW	State (AC)					
			Federal					
			State					
			Local					
			Other					
Federal Source	FHWA	PAYMENT	Federal					
Federal Funding Category	STBG							
MoDOT Funding Category	State		State					
Work or Fund Category	ENG		Local					
			Other					
Total Project Cost	\$10,000 Annual		State (AC)					
Total Project Cost includes prior programming of \$0.			TOTAL	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000

MoDOT Roadway, Payment & Construction Projects

MoDOT Financial Summary						
	Source	2018	2019	2020	2021	TOTALS
	Federal	\$5,864,400	\$8,047,600	\$1,136,800	\$1,993,300	\$17,042,100
	State	\$2,096,700	\$13,582,800	\$420,200	\$223,700	\$16,323,400
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
	State (AC)	\$2,808,900	\$4,643,800	\$544,000	\$0	\$7,996,700
Total		\$10,770,000	\$26,274,200	\$2,101,000	\$2,217,000	\$41,362,200

MoDOT Scoping Projects

County: Boone		MoDOT		Funding		State Fiscal Year				
						2018	2019	2020	2021	TOTALS
Project	RP IS 70W to LP 70W - Bridge Improvements			ENG	Federal	\$9,000	\$900			\$9,900
					State	\$1,000	\$100			\$1,100
MoDOT #	5I3107				Local					
TIP #	2016-10				State (AC)					
Description:	Scoping for bridge improvements over I-70 in Columbia. Project involves bridge L0928.			ROW	Federal					
					State					
					Local					
					Other					
Federal Source Agency	FHWA			CON	Federal					
Federal Funding Category	NHPP				State					
MoDOT Funding Category	Taking Care of the System				Local					
Work or Fund Category	ENG				Other					
Future Project Cost	\$2.001M to \$5.000M				State (AC)					
Total Project Cost includes prior programming of \$20,000.					TOTAL	\$10,000	\$1,000	\$0	\$0	\$11,000

County: Various		MoDOT		Funding	State Fiscal Year					
					2018	2019	2020	2021	TOTALS	
Project	OR 70 - Bridge Improvements			ENG	Federal					
					State	\$10,000	\$16,000		\$26,000	
MoDOT #	5S3253				Local					
TIP #	2018-13				State (AC)	\$40,000	\$64,000		\$104,000	
Description:	Scoping for bridge improvements over Little Cedar Creek. Project involves bridge N0974.			ROW	Federal					
					State					
					Local					
					Other					
Federal Source Agency	FHWA			CON	Federal					
Federal Funding Category	STP				State					
MoDOT Funding Category	Taking Care of the System				Local					
Work or Fund Category	ENG				Other					
Future Project Cost	\$301K to \$1.0 M				State (AC)					
Total Project Cost includes prior programming of \$0.										
					TOTAL	\$50,000	\$80,000	\$0	\$0	\$130,000

MoDOT Scoping Projects

County: Boone		MoDOT		Funding		State Fiscal Year				
						2018	2019	2020	2021	TOTALS
Project	MO 740 - Corridor Extension			ENG	Federal	\$8,000	\$800			\$8,800
					State	\$2,000	\$200			\$2,200
MoDOT #	5S0636				Local					
TIP #	2010-20				State (AC)					
Description:	Scoping for extension of corridor from Rte. 63 to I-70 at Lake of the Woods in Columbia.			ROW	Federal					
					State					
					Local					
					Other					
Federal Source Agency	FHWA			CON	Federal					
Federal Funding Category	STBG				State					
MoDOT Funding Category	Major Projects and Emerging Needs				Local					
Work or Fund Category	ENG				Other					
Future Project Cost	\$50.001M to \$75.000M				State (AC)					
Total Project Cost includes prior programming of \$1,598,000.					TOTAL	\$10,000	\$1,000	\$0	\$0	\$11,000

County: Boone		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Interstate 70 - Drainage Improvements			ENG	Federal	\$9,000	\$9,000		\$18,000
MoDOT #	5I3136				State	\$1,000	\$1,000		\$2,000
TIP #	2018-14				Local				
Description:	Scoping for replacement of median drainage culverts in Cooper, Boone, & Callaway Counties			ROW	State (AC)				
					Federal				
					State				
				CON	Local				
					Other				
					Federal				
Federal Source Agency	FHWA				State				
Federal Funding Category	NHPP				Local				
MoDOT Funding Category	Taking Care of the System				Other				
Work or Fund Category	ENG				State (AC)				
Future Project Cost	\$2.01 M to \$5.0 M								
Total Project Cost includes prior programming of \$381,000.									
					TOTAL	\$10,000	\$10,000	\$0	\$0
									\$20,000

MoDOT Scoping Projects

County: Various		MoDOT		Funding	State Fiscal Year					
					2018	2019	2020	2021	TOTALS	
Project	Various Routes - Pavement Improvements			ENG	Federal	\$4,000	\$4,000		\$8,000	
MoDOT #	5P3044				State	\$1,000	\$1,000		\$2,000	
TIP #	2016-11				Local					
Description:	Scoping for pavement improvements on various routes in the Central District.			ROW	State (AC)					
					Federal					
					State					
					Local					
Federal Source Agency		FHWA		CON	Other					
Federal Funding Category		STBG			Federal					
MoDOT Funding Category		Taking Care of the System			State					
Work or Fund Category		ENG			Local					
Future Project Cost		\$15.001M to \$25.000M			Other					
					State (AC)					
Total Project Cost includes prior programming of \$29,000.					TOTAL	\$5,000	\$5,000	\$0	\$0	\$10,000

County: Various		MoDOT		Funding	State Fiscal Year					
					2018	2019	2020	2021	TOTALS	
Project	Various - Surveying for Excess Right of Way			ENG	Federal					
					State	\$25,000	\$30,000		\$55,000	
MoDOT #	5P3179				Local					
TIP #	2018-15				State (AC)					
Description:	Surveying to sell excess right of way parcels in the Central District			ROW	Federal					
					State					
					Local					
					Other					
Federal Source Agency	NA			CON	Federal					
Federal Funding Category	State				State					
MoDOT Funding Category	Taking Care of the System				Local					
Work or Fund Category	ENG				Other					
Future Project Cost	NA				State (AC)					
Total Project Cost includes prior programming of \$50,000.						TOTAL	\$25,000	\$30,000	\$0	\$0

MoDOT Scoping Projects

County: Various		MoDOT		Funding	State Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Various Routes - Slide Repairs		ENG	Federal	\$4,000	\$4,000			\$8,000
MoDOT #	5S3081			State	\$1,000	\$1,000			\$2,000
TIP #	2015-9			Local					
				State (AC)					
Description:	Scoping for slide repairs in the northern portion of the Central District.		ROW	Federal					
				State					
				Local					
				Other					
Federal Source Agency	FHWA			Federal					
Federal Funding Category	S.T.P.			State					
MoDOT Funding Category	Taking Care of the System			Local					
Work or Fund Category	ENG			Other					
Future Project Cost	\$2.001M to \$5.000M			State (AC)					
Total Project Cost includes prior programming of \$60,000.				TOTAL	\$5,000	\$5,000	\$0	\$0	\$10,000

MoDOT Scoping Financial Summary						
Source	2018	2019	2020	2021	TOTALS	
Federal	\$34,000	\$18,700	\$0	\$0	\$52,700	
State	\$31,000	\$33,300	\$0	\$0	\$64,300	
Local	\$0	\$0	\$0	\$0	\$0	
Other	\$0	\$0	\$0	\$0	\$0	
State (AC)	\$40,000	\$64,000	\$0	\$0	\$104,000	
Total	\$105,000	\$116,000	\$0	\$0	\$221,000	

Boone County Road Projects

Boone County			Funding	MPO Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project		ENG	Federal					
			State					
MoDOT #			Local					
TIP #			Other					
Description:		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			State					
MoDOT Funding Category			Local					\$ -
Work or Fund Category	ENG/CON		Other					
Total Project Cost								
			TOTAL	\$0	\$0	\$0	\$0	\$ -

Boone County Financial Summary							
Agency	Source	2018	2019	2020	2021	TOTALS	
Boone County	Federal	\$0	\$0	\$0	\$0	\$0	
	State	\$0	\$0	\$0	\$0	\$0	
	Local	\$0	\$0	\$0	\$0	\$0	
	Other	\$0	\$0	\$0	\$0	\$0	
Total		\$0	\$0	\$0	\$0	\$0	

Currently there are no funded capital projects within the TIP scope period.

City of Columbia Street Projects

City of Columbia - Streets			Funding	Fiscal Year				TOTALS
Project				2018	2019	2020	2021	
Project	Ballenger (Route PP) Improvement Project	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2017-17		Local		\$140,000			\$140,000
Description:			Other					
Description:	Addition of shoulders to section of roadway between Ria and Mexico Gravel Road	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					\$0
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local			\$2,250,000		\$2,250,000
Work or Fund Category	ENG/ROW/CON		Other					
Total Project Cost	\$2,740,000							
Local Funding - capital improvement sales tax, co rd tax rebate.			TOTAL	\$0	\$140,000	\$2,250,000	\$0	\$2,390,000

City of Columbia - Streets			Funding	Fiscal Year				TOTALS
Project				2018	2019	2020	2021	
Project	Forum & Green Meadows Road Intersection Improvement	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2018-16		Local	\$74,500				\$74,500
Description:			Other					
Description:	Construction of roundabout at the current 4-way stop intersection of minor arterial and major collector streets	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local		\$670,500			\$670,500
Work or Fund Category	ENG/ROW/CON		Other					
Total Project Cost	\$745,000							
Local Funding - 1/4 cent capital improvements sales tax			TOTAL	\$74,500	\$670,500	\$0	\$0	\$745,000

NEW PROJECT

City of Columbia - Streets		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Sinclair - Old Mill Creek - Nifong Intersections Improvement	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2018-17		Local	\$250,000				\$250,000
			Other					
Description:	Reconstruction of intersections of major arterial and collector streets	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local	\$2,250,000				\$2,250,000
Work or Fund Category	ENG/CON		Other					
Total Project Cost	\$2,500,000							
Local Funding - transportation sales tax								
			TOTAL	\$2,500,000	\$0	\$0	\$0	\$2,500,000

NEW PROJECT

City of Columbia - Streets		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Discovery Parkway Extension: Gans to New Haven/Rolling	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2017-18		Local				\$540,000	\$540,000
			Other					
Description:	Extension of Discovery Parkway to Rolling Hills Road	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency	FHWA	CON	Federal					
Federal Funding Category	STP		MoDOT					
MoDOT Funding Category			Local				\$4,860,000	\$4,860,000
Work or Fund Category	ENG/CON		Other					
Total Project Cost	\$5,400,000							
Local Funding - capital improvement sales tax, county road tax rebate, development fees								
			TOTAL	\$0	\$0	\$0	\$5,400,000	\$5,400,000

City of Columbia - Streets			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Nifong Widening/Improvement Project	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2017-19		Local	\$300,000				\$300,000
			Other					
Description:	Reconstruction of Nifong Boulevard between Providence Road (Route 163) and Forum Boulevard	ROW	Federal					\$0
			MoDOT					
			Local					
			Other					
Federal Source Agency	FHWA	CON	Federal					\$0
Federal Funding Category	STP		MoDOT					
MoDOT Funding Category			Local	\$1,179,857				\$1,179,857
Work or Fund Category	CON		Other					
Total Project Cost	\$12,300,000							
Local funding - sale taxes, development fees, Boone County road tax rebate. Additional funding of \$10,600,000 needed.			TOTAL	\$1,479,857	\$0	\$0	\$0	\$1,479,857

	City of Columbia-Streets Financial Summary						
Agency		Source	2018	2018	2019	2021	TOTALS
City of Columbia		Federal	\$0	\$0	\$0	\$0	\$0
		MoDOT	\$0	\$0	\$0	\$0	\$0
		Local	\$2,874,500	\$810,500	\$2,250,000	\$5,400,000	\$11,335,000
		Other	\$0	\$0	\$0	\$0	\$0
Total			\$2,874,500	\$810,500	\$2,250,000	\$5,400,000	\$11,335,000

City of Columbia Sidewalk Projects

City of Columbia - Sidewalks		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Nifong-Bethel Sidewalk	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2015-16		Local					
			Other					
Description:	Sidewalk construction in coordination with development of tract at SW corner of Nifong & Bethel	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local	\$135,707				\$135,707
Work or Fund Category	CON		Other					
Total Project Cost	\$135,707							
Local funding - Capital Improvement Sales Tax			TOTAL	\$135,707	\$0	\$0	\$0	\$135,707

City of Columbia - Sidewalks		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Chapel Hill Road at Scott Boulevard	ENG	Federal					
MoDOT #			MoDOT					
TIP #	2018-18		Local	\$15,600				\$15,600
			Other					
Description:	Construction of sidewalk on north side of Chapel Hill Road from Scott intersection approximately 500' east	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local	\$140,918				\$140,918
Work or Fund Category	CON		Other					
Total Project Cost	\$156,518							
Local funding - Capital Improvement Sales Tax			TOTAL	\$156,518	\$0	\$0	\$0	\$156,518

City of Columbia - Sidewalks		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Carter Lane Sidewalk	ENG	Federal					
			MoDOT					
MoDOT #			Local					
TIP #	2018-19		Other					
Description:	Construction of new sidewalk from current sidewalk terminus north to Foxfire Drive	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency	FHWA	CON	Federal	\$279,896				\$279,896
Federal Funding Category	TAP		MoDOT					
MoDOT Funding Category			Local	\$69,974				\$69,974
Work or Fund Category	CON		Other					
Total Project Cost	\$349,870							
Local funding - Capital Improvement Sales Tax, federal funding from Transportation Alternatives Program (TAP)			TOTAL	\$349,870	\$0	\$0	\$0	\$349,870

City of Columbia - Sidewalks		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Ninth & Elm Pedestrian Scramble	ENG	Federal					
			MoDOT					
MoDOT #			Local					
TIP #	2017-20		Other					
Description:	Modification of pedestrian crosswalk for new pedestrian scramble phasing, along with new signal equipment.	ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency		CON	Federal					
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local	\$150,000				\$150,000
Work or Fund Category	CON		Other					
Total Project Cost	\$150,000							
Local funding - Annual Sidewalks			TOTAL	\$150,000	\$0	\$0	\$0	\$150,000

	City of Columbia - Sidewalks Financial Summary					
Agency	Source	2018	2019	2020	2021	TOTALS
City of Columbia	Federal	\$279,896	\$0	\$0	\$0	\$279,896
	MoDOT					\$0
	Local	\$512,199	\$0	\$0	\$0	\$512,199
	Other					\$0
Total		\$792,095	\$0	\$0	\$0	\$792,095

City of Columbia Non Motorized Pilot Program (Get About Columbia) Projects

City of Columbia-GetAboutColumbia		Funding	Fiscal Year				
			2018	2019	2020	2021	TOTALS
Project	Bike Boulevard, MKT to Bus. Loop 70 and Providence Road	ENG	Federal				
Federal #	CPP-9999 (512), (519)		MoDOT				
TIP #	2013-7		Local				
			Other				
Description:	Implementation of a bike boulevard connecting the MKT Trail to Business Loop 70, Providence Road, and minor	ROW	Federal				
			MoDOT				
			Local				
			Other				
Federal Source Agency	FHWA	CON	Federal	\$50,000			\$50,000
Federal Funding Category	NMTPP		MoDOT				
MoDOT Funding Category			Local				
Work or Fund Category	CON		Other				
Total Project Cost	\$650,000						
Includes \$600,000 in previously budgeted funds			TOTAL	\$50,000	\$0	\$0	\$50,000

City of Columbia-GetAboutColumbia		Funding	Fiscal Year				
			2018	2019	2020	2021	TOTALS
Project	Staff payroll & supplies, office lease & related, current project	ENG	Federal	\$200,000	\$150,000		\$ 350,000
Federal #	CPP-9999 (501)		MoDOT				
TIP #	2009-89		Local				
			Other				
Description:	Various miscellaneous expenses associated with running office, paying staff	ROW	Federal				
			MoDOT				
			Local				
			Other				
Federal Source Agency	FHWA	CON	Federal				
Federal Funding Category	NMTPP		MoDOT				
MoDOT Funding Category			Local				
Work or Fund Category	ENG		Other				
Total Project Cost	\$1,650,000						
Includes \$1,300,000 in prior programmed funds.			TOTAL	\$200,000	\$150,000	\$0	\$350,000

City of Columbia-GetAboutColumbia				Funding	Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Street markings, signage, six minor intersections, bicycle	ENG	Federal						
			MoDOT						
Federal #	CPP-9999 (504), (524)		Local						
TIP #	2009-91		Other						
Description:	Implementation of a variety of projects to improve the existing street system for biking and walking	ROW	Federal						
			MoDOT						
			Local						
			Other						
Federal Source Agency	FHWA	CON	Federal	\$30,000				\$ 30,000	
Federal Funding Category	NMTPP		MoDOT						
MoDOT Funding Category			Local						
Work or Fund Category	ENG/CON		Other						
Total Project Cost	\$1,080,000								
Includes \$1,000,000 in prior programmed funds.			TOTAL	\$30,000	\$0	\$0	\$0	\$30,000	

City of Columbia-GetAboutColumbia				Funding		Fiscal Year			
					2018	2019	2020	2021	TOTALS
Project	Program Evaluation and Documentation	ENG	Federal	\$20,000	\$5,000			\$	25,000
			MoDOT						
Federal #	CPP-9999 (518)		Local						
TIP #	2013-19		Other						
Description:	Evaluating and report experiments and program results to FHWA	ROW	Federal						
			MoDOT						
			Local						
			Other						
Federal Source Agency	FHWA	CON	Federal						
Federal Funding Category	NMTPP		MoDOT						
MoDOT Funding Category			Local						
Work or Fund Category	STUDIES		Other						
Total Project Cost	\$150,000								
Note: Project includes prior programmed funds of \$125,000			TOTAL	\$20,000	\$5,000	\$0	\$0	\$25,000	

City of Columbia-GetAboutColumbia				Funding	Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	County House Trail Phase 2 West	ENG	Federal						
			MoDOT						
Federal #	CPP-9999 (520)		Local						
TIP #	2013-21		Other						
Description:	Construction of a connection from Rockcreek Drive to County House Trail Phase I terminus	ROW	Federal			\$40,000			\$ 40,000
			MoDOT						
			Local						
			Other						
Federal Source Agency	FHWA	CON	Federal				\$650,000		\$ 650,000
Federal Funding Category	NMTPP		MoDOT						
MoDOT Funding Category			Local						
Work or Fund Category	ENG/CON		Other						
Total Project Cost	\$690,000								
				TOTAL	\$0	\$40,000	\$650,000	\$0	\$690,000

City of Columbia-GetAboutColumbia				Funding	Fiscal Year				
					2018	2019	2020	2021	TOTALS
Project	Clark Lane and Hinkson Creek Trail Pedway	ENG	Federal						\$ -
			MoDOT						
Federal #	CPP-9999 (521)		Local						
TIP #	2013-22		Other						
Description:	Construction of a pedway from Ballenger Lane to Paris Road, north side, including a connection to Conley Road	ROW	Federal						
			MoDOT						
			Local						
			Other						
Federal Source Agency	FHWA	CON	Federal	\$1,200,000					\$ 1,200,000
Federal Funding Category	NMTPP		MoDOT						
MoDOT Funding Category			Local						
Work or Fund Category	ENG/CON		Other						
Total Project Cost	\$1,290,000								
Includes prior programmed funds of \$90,000				TOTAL	\$1,200,000	\$0	\$0	\$0	\$1,200,000

City of Columbia-GetAboutColumbia			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Shepard Boulevard to Rollins Street Trail Connection	ENG	Federal					
			MoDOT					
Federal #	CPP-9999 (523)		Local					
TIP #	2013-23		Other					
Description:	Construction of a shared use trail from the east terminus of Rollins Street across Hinkson Creek to connect to Old 63 and Shepard Boulevard neighborhood	ROW	Federal		\$200,000			\$ 200,000
			MoDOT					
			Local					
			Other					
Federal Source Agency	FHWA	CON	Federal		\$1,640,000			\$ 1,640,000
Federal Funding Category	NMTPP		MoDOT					
MoDOT Funding Category			Local					
Work or Fund Category	ENG/CON		Other					
Total Project Cost	\$2,040,000							
Includes prior programmed funds of \$300,000			TOTAL	\$0	\$1,840,000	\$0	\$0	\$1,840,000

GetAboutColumbia Financial Summary						
Agency	Source	2018	2019	2020	2021	TOTALS
City of Columbia	Federal	\$1,500,000	\$2,035,000	\$650,000	\$0	\$4,185,000
NMTPP Pilot Program	MoDOT	\$0	\$0	\$0	\$0	\$0
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
Total		\$1,500,000	\$2,035,000	\$650,000	\$0	\$4,185,000

Railroad/Highway Projects

City of Columbia - Railroad/Highway			Funding	Fiscal Year				TOTALS
Project				2018	2019	2020	2021	
		ENG	Federal					
			MoDOT					
			Local					
			Other					
		ROW	Federal					
			MoDOT					
			Local					
			Other					
Federal Source Agency	FHWA	CON	Federal					\$ -
Federal Funding Category			MoDOT					
MoDOT Funding Category			Local					
Work or Fund Category			Other					
Total Project Cost								
			TOTAL	\$0	\$0	\$0	\$0	\$ -

Railroad/Highway Financial Summary						
Agency	Source	2017	2018	2019	2021	TOTALS
City of Columbia	Federal	\$0				\$0
	MoDOT	\$0				\$0
	Local	\$0				\$0
	Other	\$0				\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0

No projects currently planned for TIP scope period.

Transit Projects

Go COMO		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Maintenance of existing operations and facilities & equipment	ENG	Federal					
State #			State					
TIP #	2015-18		Local					
Description:	FY 2018-2021 operating assistance FTA Section 5307		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$2,303,286	\$2,303,286	\$2,303,286	\$2,303,286	\$ 9,213,144
Federal Funding Category	Section 5307		State	\$20,000	\$20,000	\$20,000	\$20,000	\$ 80,000
State Funding Category	STF		Local	\$5,030,472	\$5,341,593	\$5,669,297	\$6,017,959	\$ 22,059,321
Work or Fund Category			Other					
Total Project Cost	\$29,877,211							
Local Funding - 1/2 cent transportation sales tax, State funding - State Transportation Fund			TOTAL	\$7,353,758	\$7,664,879	\$7,992,583	\$8,341,245	\$31,352,465

Note: STF is State Transit Funding, which is operating assistance provided for transit purposes.

Go COMO		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Replacement of six (6) 30' New Flyer transit	ENG	Federal					
State #			State					
TIP #	2009-74		Local					
Description:	Replacement equipment for the fixed route fleet, Federal Section 5339		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$2,280,000				\$2,280,000
Federal Funding Category	Section 5339		State					
State Funding Category			Local	\$570,000				\$570,000
Work or Fund Category	CON		Other					
Total Project Cost	\$2,850,000							
Local Funding - 1/2 cent transportation sales tax			TOTAL	\$2,850,000	\$0	\$0	\$0	\$2,850,000

Section 5339 funding is pending allocation and further guidance.

Go COMO			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Replacement of seven (7) 40' New Flyer transit	ENG	Federal					
State #			State					
TIP #	2010-15		Local					
Description:	Replacement equipment for the fixed route fleet, Federal Section 5339		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$4,340,000				\$4,340,000
Federal Funding Category	Section 5339		State					
State Funding Category			Local	\$1,085,000				\$1,085,000
Work or Fund Category	CON		Other					
Total Project Cost	\$5,425,000							
Local Funding - 1/2 cent transportation sales tax			TOTAL	\$5,425,000	\$0	\$0	\$0	\$5,425,000

Section 5339 funding is pending allocation and further guidance.

Go COMO			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	New Bus Shelters	ENG	Federal					
State #			State					
TIP #	2009-95		Local					
Description:	Install multiple new bus shelters, concrete pads and necessary sidewalk upgrades, etc. as		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$65,177				\$65,177
Federal Funding Category	Section 5309		State					
State Funding Category			Local	\$16,294				\$16,294
Work or Fund Category	CON		Other					
Total Project Cost	\$81,471							
Local Funding - 1/2 cent transportation sales tax			TOTAL	\$81,471	\$0	\$0	\$0	\$81,471

Federal funding is from remaining Section 5309 funds pending availability.

Go COMO			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	New Bus Shelters	ENG	Federal					
State #			State					
TIP #	2016-15		Local					
Description:	Install multiple new bus shelters, concrete pads and necessary sidewalk upgrades, etc. as		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$311,587				\$311,587
Federal Funding Category	Section 5339		State					
State Funding Category			Local	\$77,897				\$77,897
Work or Fund Category	CON		Other					
Total Project Cost	\$389,484							
Local Funding - 1/2 cent transportation sales tax			TOTAL	\$389,484	\$0	\$0	\$0	\$389,484

Section 5339 funding is pending allocation and further guidance.

Go COMO			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Bus Priority System for Traffic Signal Control	ENG	Federal					
State #			State					
TIP #	2010-17		Local					
Description:	Traffic signal controller system to enable bus priority at signals for late routes		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$80,000				\$80,000
Federal Funding Category	Section 5339		State					
State Funding Category			Local	\$20,000				\$20,000
Work or Fund Category	CON		Other					
Total Project Cost	\$100,000							
Local Funding - 1/2 cent transportation sales tax			TOTAL	\$100,000	\$0	\$0	\$0	\$100,000

Section 5339 funding is pending allocation and further guidance.

Go COMO			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	CDBG Bus Shelters	ENG	Federal					
State #			State					
TIP #			Local					
			Other					
Description:	Install multiple new bus shelters, etc. utilizing City of Columbia's allocated CDBG funds	ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal					
Federal Funding Category			State					
State Funding Category			Local	\$100,000				\$100,000
Work or Fund Category	CON		Other					
Total Project Cost	\$100,000							
Local Funding - CDBG funds			TOTAL	\$100,000	\$0	\$0	\$0	\$100,000

Alternative Community Training			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Purchase of four lift-equipped mini-vans	ENG	Federal					
State #			State					
TIP #	2017-22		Local					
Description:	Purchase of four (4) lift-equipped mini-vans to provide regular transport for ACT Day Program		Other					
		ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$28,000	\$28,000	\$28,000	\$28,000	\$112,000
Federal Funding Category	Section 5310		State					
State Funding Category			Local	\$7,000	\$7,000	\$7,000	\$7,000	\$28,000
Work or Fund Category	CON		Other					
Total Project Cost	\$140,000							
			TOTAL	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000

OATS, Inc.		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Purchase of two lift-equipped vehicles	ENG	Federal					
State #			State					
TIP #	2017-23		Local					
			Other					
Description:	Purchase of a total of two (2) lift-equipped vehicles to provide service in CATSO metropolitan planning area	ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$47,026	\$0	\$60,800	\$60,800	\$168,626
Federal Funding Category	Section 5310		State					
State Funding Category			Local	\$11,757	\$0	\$15,200	\$15,200	\$42,157
Work or Fund Category	CON		Other					
Total Project Cost	\$210,783							
Other Funding - OATS, Inc.			TOTAL	\$58,783	\$0	\$76,000	\$76,000	\$210,783

OATS, Inc.		Funding		Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Elderly & Disabled & beyond ADA	ENG	Federal					
State #			State					
TIP #	2017-26		Local					
			Other					
Description:	Section 5310 funding for transportation	ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Federal Funding Category	Section 5310		State					
State Funding Category			Local	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000
Work or Fund Category			Other					
Total Project Cost	\$800,000							
Other Funding - OATS, Inc.			TOTAL	\$200,000	\$200,000	\$200,000	\$200,000	\$800,000

OATS, Inc.			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Bus and Bus Facilities	ENG	Federal					
State #			State					
TIP #			Local					
			Other					
Description:	Purchase of two lift-equipped vehicles	ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$59,000	\$0	\$0	\$60,000	\$119,000
Federal Funding Category	Section 5339		State					
State Funding Category			Local	\$14,900	\$0	\$0	\$15,000	\$29,900
Work or Fund Category			Other					
Total Project Cost	\$148,900							
			TOTAL	\$73,900	\$0	\$0	\$75,000	\$148,900

OATS, Inc.			Funding	Fiscal Year				
				2018	2019	2020	2021	TOTALS
Project	Funding for general public transportation in rural Boone County	ENG	Federal					
			State					
State #			Local					
TIP #	2015-22		Other					
Description:	Section 5311 funding for unincorporated Boone County, all service operates from base in MPA	ROW	Federal					
			State					
			Local					
			Other					
Federal Source Agency	FTA	CON	Federal	\$55,000	\$58,000	\$60,000	\$60,000	\$233,000
Federal Funding Category	Section 5311		State	\$2,000	\$2,000	\$2,000	\$2,000	\$8,000
State Funding Category			Local	\$57,000	\$60,000	\$62,000	\$62,000	\$241,000
Work or Fund Category	CON		Other					\$0
Total Project Cost	\$482,000							
Other Funding - OATS, Inc.			TOTAL	\$114,000	\$120,000	\$124,000	\$124,000	\$482,000

Transit Financial Summary						
<i>Agencies</i>	Source	2018	2018	2019	2021	TOTALS
Go COMO; OATS, Inc.; ACT	Federal	\$9,610,076	\$2,489,286	\$2,552,086	\$2,552,086	\$17,203,534
	State	\$22,000	\$22,000	\$22,000	\$22,000	\$88,000
	Local	\$7,075,420	\$5,508,593	\$5,853,497	\$6,202,159	\$24,639,669
	Other	\$0	\$0	\$0	\$0	\$0
Total		\$16,707,496	\$8,019,879	\$8,427,583	\$8,776,245	\$41,931,203

Note: FTA capital funding availability is subject to Congressional action or selection as part of the FTA rating process

Note: Total FTA funding by year/category is as follows:

Category	2018	2019	2020	2021	TOTAL
Section 5307 Operating	\$2,303,286	\$2,303,286	\$2,303,286	\$2,303,286	\$9,213,144
Section 5339 Capital	\$6,931,587	\$80,000	\$0	\$0	\$7,011,587
Section 5310	\$187,000	\$188,000	\$128,000	\$188,800	\$691,800
Section 5311	\$55,000	\$58,000	\$60,000	\$60,000	\$233,000
Total	\$9,476,873	\$2,629,286	\$2,491,286	\$2,552,086	\$17,149,531

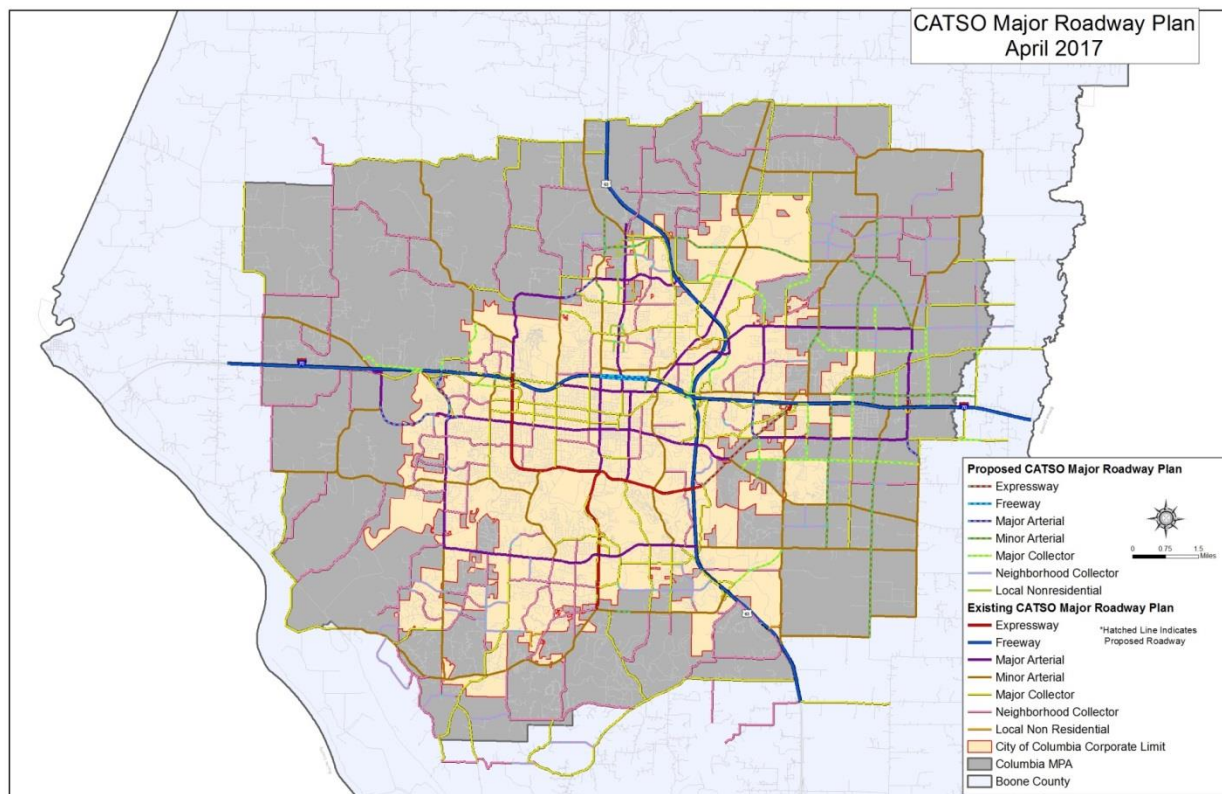
Total Financial Summary FY 2018-2021 TIP Programmed Projects	Federal \$	Local \$	Total \$
<i>Capital Projects</i>			
MoDOT Roadways	\$13,974,500	\$27,387,700	\$41,362,200
MoDOT Scoping	\$52,700	\$194,300	\$247,000
Boone Co	\$0	\$0	\$0
Columbia Streets	\$0	\$12,514,857	\$12,514,857
Columbia Sidewalks	\$0	\$512,199	\$512,199
Get About (Non-Motorized)	\$4,185,000	\$0	\$4,185,000
Rail-Highway	\$0	\$0	\$0
Transit	\$17,242,531	\$24,795,318	\$42,037,849
<i>Total Capital Project Funding</i>	\$35,454,731	\$65,404,374	\$100,859,105
<i>Total Maintenance (Fed-aid system)</i>	\$0	\$11,619,372	\$11,619,372
<i>Total Programmed</i>	\$35,454,731	\$77,023,746	\$112,478,477
<i>Total Revenue</i>	\$50,832,778	\$178,612,008	\$229,444,786
<i>Funds Remaining*</i>	\$15,378,047	\$101,588,262	\$116,966,309

*Note: the remaining local funds are used for a variety of other transportation related responsibilities which the City and County must meet. Primarily this is maintenance of the existing roadway system.

Appendices

FY 2018-2021 Draft CATSO Transportation Improvement Program

APPENDIX A



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APPENDIX B

EXPLANATION OF ABBREVIATIONS & ACRONYMS USED IN THIS DOCUMENT

CATSO	Columbia Area Transportation Study Organization
CDBG	Community Development Block Grant
CON	Construction
ENG	Engineering
FAST Act	Fixing America's Surface Transportation Act
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
FY	Fiscal Year
IM	Interstate Maintenance Program (Federal-aid highway program funding category)
MAP-21	Moving Ahead for Progress in the 21 st Century
MoDOT	Missouri Department of Transportation
MPA	Metropolitan Planning Area
MPO	Metropolitan Planning Organization
NHPP	National Highway Performance Program
NHFP	National Highway Freight Program
NMTPP	Non-Motorized Transportation Pilot Program
NHS	National Highway System
OATS	Organized Alternative Transit System, Inc.
ONEDOT	FHWA & FTA referred to collectively.
ROW	Right-of-Way
STBG	Surface Transportation Block Grant Program
STF	State Transit Funds
STIP	State Transportation Improvement Program
TAP	Transportation Alternatives Program (formerly Enhancements)
TEAP	Traffic Engineering Assistance Program
TIP	Transportation Improvement Program

APPENDIX C

Funding Sources and Descriptions

Federal

The Federal government allocates highway Trust funds collected from gasoline and other federal transportation related taxes to major Transportation Programs administered by the Federal Highway Administration and the Federal Transit Administration.

On December 4, 2015, President Obama signed into law The Fixing America's Surface Transportation Act (FAST Act), which authorizes the federal surface transportation programs for highways, highway safety, transit and rail for the five-year period from 2016 through 2020.

The following is a list of some of the federal transportation programs in which funding is available.

Major Federal-Aid Highway Programs Under FAST Act

- **STBG** – Surface Transportation Block Grant Program – This is one of several categories of federal transportation funds and can be used for road, bridge or other improvements. Prior to the FAST Act, this program was known as the Surface Transportation Program.
- **National Highway Performance Program (NHPP)** – The new National Highway Performance Program provides funding for construction and maintenance projects located on the newly expanded National Highway System (NHS) – which includes the entire Interstate system and all other highways classified as principal arterials. Federal share of funded projects is generally 80%, with a 90% share for Interstate routes, though it reverts to 80% if single occupancy vehicle capacity is being added.
- **NHFP** – National Highway Freight Program – This program was created with the FAST Act, and provides funding for projects included in the State Freight Plan.
- **Interstate Maintenance (IM)** – Resurfacing, restoring, and rehabilitating routes on the interstate highway system, but no new capacity except HOV or auxiliary lanes in nonattainment areas. Federal share of funded projects – 90% (80% for added capacity in attainment areas.)
- **Bridge Replacement and Rehabilitation** – Replacement and rehabilitation of any public bridge. Federal share of funded projects – 80%.
- **Transportation Alternative Funds** – A range of projects including pedestrian and bicycle facilities, renovation of historic buildings, and streetscape enhancements. Alternatives program portion of STP program set aside for such projects as sidewalks and bicycle trails. Federal share of funded projects – 80%.
- **Consolidated Planning Grant (CPG) Funds** – All planning activities are eligible (e.g. transportation modeling, air quality analysis, public outreach). Includes money from both FHWA and FTA. Federal participation is 80% unless the Secretary determines that changing this contribution level is warranted.

- **Non-Motorized Transportation Pilot Program (NMTPP)** – Funds disbursed to the City of Columbia as part of the NMTPP authorized by the SAFETEA-LU legislation of 2005 – total of twenty-two (22) million is available to improve the pedestrian and bicycle transportation system. Federal share of funded projects – 100%.

City of Columbia

Capital Improvements Sales Tax - Funds generated from the 1/4 Cent Capital Improvement Sales tax issue passed by voters in 2006.

CDBG Community Development Block Grant - Federal Entitlement Grant Program (annual) administered by U.S. Department of Housing and Urban Development, 100% grant requires no matching local funds.

County Rebate Funds - Funds received by Columbia from Boone County for maintenance/improvement to roads under City jurisdiction after annexations.

Development fee - A fee assessed at the time a building permit is issued for new construction, at a rate of \$0.25 per square foot of total floor area. Revenue gained from this is used for construction of collector and arterial streets.

FTA Federal Transit Administration Capital Grant - Grant for transit related capital projects. 80% Federal; 20% Local funding.

Gen Fd/PI General Fund/Public Improvement - Local funds generated through the sales tax.

Non - Motorized Transportation Pilot Program -federal grant received to be used for non-motorized transportation projects (Sidewalks, trails, bicycle paths etc.).

Tax Bills - Charges, on a per lineal foot basis, assessed to property owners abutting new roads, or roads undergoing major improvements, for the improvements to their property. Charges based on benefit to property as determined by City Council.

Transportation Sales Tax - 1/2 cent sales tax authorized by the voters for transportation purposes.

APPENDIX D

Public Participation

The Draft FY 2018-2021 TIP will be formally considered for adoption at the August 25, 2016 CATSO Coordinating Committee meeting after a public hearing. A display advertisement notifying the public of this meeting was placed in the local newspaper (Columbia Tribune) on July 19, 2017. In addition, the agenda and meeting notice was placed on the City's website. The ad gave emphasis to the public hearing aspect of the meeting, including the consideration of the draft FY 2018-2021 TIP.

The CATSO Public Participation Plan, adopted by the CATSO Coordinating Committee on December 4, 2014, may be found at the Daniel Boone Regional Library, 100 West Broadway, Columbia, MO; City of Columbia Community Development Department, 701 East Broadway, Columbia, MO and at the City of Columbia's website:

http://www.gocolumbiamo.com/community_development/planning/boards_and_commissions/catsso/PPPlan.php

**Columbia Area Transportation
Study Organization
METROPOLITAN TRANSPORTATION PLANNING PROCESS
CERTIFICATION**

In accordance with 23 CFR 450.334, the Columbia Area Transportation Study Organization which is the Metropolitan Planning Organization for the Columbia, Missouri Urbanized Area, the Missouri Department of Transportation hereby certifies that the transportation planning process is addressing major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- I. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
- II. In non-attainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- IV. 49 U.S.C. 5332, prohibiting discrimination on the bases of race, color, creed, national origin, sex, or age in employment or business opportunity;
- V. Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- VI. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VII. The provisions of the Americans with Disabilities Act of 1990(42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial-aid assistance;
- IX. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

I further certify that I am aware of what this certification represents and have been briefed accordingly.

Signature

Mike Matthes
Chair
Columbia Area
Transportation Study
Organization

Date

Signature

David Silvester
District Engineer
Missouri Department of
Transportation

Date